



MULTI V™ **5** WITH **LGRED**° **PERFORMANCE DATA MANUAL**

Variable Refrigerant Flow Outdoor Units
6.0 to 42.0 Tons



PROPRIETARY DATA NOTICE

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A summary list of safety precautions is on page 3.

For more technical materials such as submittals, catalogs, installation, owner's, and service manuals, visit www.lghvac.com.

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TABLE OF SYMBOLS

 DANGER	<i>This symbol indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.</i>
 WARNING	<i>This symbol indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.</i>
 CAUTION	<i>This symbol indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.</i>
Note:	<i>This symbol indicates situations that may result in equipment or property damage accidents only.</i>
	<i>This symbol indicates an action that should not be performed.</i>

PERFORMANCE DATA

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COOLING CAPACITY DATA

ARUM072BTE5 / ARUM072DTE5

72,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130%	-9.9	65.5	1.37	77.8	1.66	90.4	1.97	93.7	2.13	95.1	2.30	98.4	2.63	100.7	2.72
	-5	65.5	1.45	77.8	1.76	90.4	2.08	93.7	2.25	95.1	2.42	98.4	2.78	100.7	2.87
	0	65.5	1.50	77.8	1.83	90.4	2.17	93.7	2.34	95.1	2.52	98.4	2.89	100.7	2.99
	5	65.5	1.56	77.8	1.89	90.4	2.25	93.7	2.42	95.1	2.61	98.4	3.00	100.7	3.10
	10	65.5	1.60	77.8	1.95	90.4	2.31	93.7	2.49	95.1	2.69	98.4	3.08	100.7	3.19
	14	65.5	1.66	77.8	2.02	90.4	2.39	93.7	2.58	95.1	2.79	98.4	3.20	100.7	3.30
	20	65.5	1.69	77.8	2.05	90.4	2.43	93.7	2.62	95.1	2.83	98.4	3.24	100.7	3.35
	25	65.5	1.71	77.8	2.08	90.4	2.46	93.7	2.66	95.1	2.86	98.4	3.28	100.7	3.39
	30	65.5	1.74	77.8	2.10	90.4	2.49	93.7	2.69	95.1	2.89	98.4	3.31	100.7	3.43
	35	65.5	1.76	77.8	2.13	90.4	2.52	93.7	2.72	95.1	2.93	98.4	3.35	100.7	3.47
	40	65.5	1.78	77.8	2.15	90.4	2.55	93.7	2.75	95.1	2.96	98.4	3.39	100.7	3.51
	45	65.5	1.80	77.8	2.18	90.4	2.58	93.7	2.78	95.1	2.99	98.4	3.43	100.7	3.55
	50	65.5	1.82	77.8	2.20	90.4	2.60	93.7	2.81	95.1	3.02	98.4	3.46	100.7	3.58
	55	65.5	1.85	77.8	2.24	90.4	2.65	92.4	2.87	93.7	3.08	97.0	3.52	99.4	3.61
	60	65.5	1.91	77.8	2.32	89.1	2.76	90.3	2.98	91.4	3.20	94.7	3.63	97.0	3.65
	65	65.5	1.95	77.8	2.37	87.7	2.81	89.1	3.04	90.1	3.26	93.3	3.75	95.7	3.78
	70	65.5	1.87	77.8	2.28	86.1	2.80	87.1	3.08	88.4	3.38	91.6	3.76	94.0	3.79
	75	65.5	1.92	77.8	2.43	84.8	3.00	85.7	3.31	87.1	3.62	90.3	3.93	92.6	3.96
	80	65.5	2.18	77.8	2.76	82.4	3.43	83.4	3.78	84.8	4.16	87.9	4.27	90.3	4.31
	85	65.5	2.32	77.8	2.95	81.1	3.66	82.4	4.04	83.4	4.41	86.6	4.45	89.0	4.49
	90	65.5	2.63	76.4	3.35	78.8	4.16	79.8	4.60	81.1	4.76	84.3	4.80	86.6	4.84
95	66.2	2.79	75.9	3.57	78.3	4.44	79.6	4.91	80.6	4.93	83.8	4.97	86.2	5.02	
100	66.2	3.02	74.6	3.86	76.9	4.81	78.3	5.16	79.3	5.19	82.8	5.24	85.2	5.29	
105	66.2	3.41	72.6	4.37	74.9	5.43	76.1	5.55	77.2	5.58	79.9	5.63	81.1	5.69	
110	66.2	3.82	69.6	4.92	72.5	5.92	72.7	5.95	73.8	5.97	75.3	6.03	75.6	6.09	
115	65.8	4.42	67.0	5.66	67.0	6.24	67.0	6.24	67.0	6.24	68.0	6.25	68.3	6.26	
118	57.2	3.75	58.3	4.80	58.4	5.25	58.4	5.30	58.4	5.30	59.2	5.31	59.0	5.31	
122	45.7	2.84	46.7	3.65	46.5	4.00	46.6	4.00	46.7	4.01	47.5	4.02	47.5	4.04	
120%	-9.9	59.6	1.29	71.1	1.57	82.6	1.85	88.5	2.00	92.5	2.16	96.7	2.47	98.7	2.55
	-5	59.6	1.36	71.1	1.65	82.6	1.96	88.5	2.11	92.5	2.27	96.7	2.61	98.7	2.70
	0	59.6	1.42	71.1	1.72	82.6	2.03	88.5	2.19	92.5	2.37	96.7	2.71	98.7	2.80
	5	59.6	1.47	71.1	1.78	82.6	2.11	88.5	2.27	92.5	2.45	96.7	2.81	98.7	2.91
	10	59.6	1.51	71.1	1.83	82.6	2.17	88.5	2.34	92.5	2.52	96.7	2.89	98.7	2.99
	14	59.6	1.57	71.1	1.90	82.6	2.25	88.5	2.42	92.5	2.61	96.7	3.00	98.7	3.10
	20	59.6	1.59	71.1	1.93	82.6	2.28	88.5	2.46	92.5	2.65	96.7	3.04	98.7	3.14
	25	59.6	1.61	71.1	1.95	82.6	2.31	88.5	2.49	92.5	2.68	96.7	3.07	98.7	3.18
	30	59.6	1.63	71.1	1.97	82.6	2.33	88.5	2.52	92.5	2.71	96.7	3.11	98.7	3.22
	35	59.6	1.65	71.1	2.00	82.6	2.36	88.5	2.56	92.5	2.75	96.7	3.15	98.7	3.26
	40	59.6	1.67	71.1	2.02	82.6	2.39	88.5	2.59	92.5	2.78	96.7	3.19	98.7	3.30
	45	59.6	1.69	71.1	2.05	82.6	2.42	88.5	2.62	92.5	2.81	96.7	3.22	98.7	3.34
	50	59.6	1.71	71.1	2.07	82.6	2.45	88.5	2.65	92.5	2.84	96.7	3.26	98.7	3.37
	55	59.6	1.74	71.1	2.11	82.6	2.49	88.5	2.70	91.5	2.90	95.4	3.32	97.7	3.40
	60	59.6	1.80	71.1	2.18	82.6	2.60	87.9	2.81	88.9	3.01	93.0	3.42	95.0	3.48
	65	59.6	1.83	71.1	2.23	82.6	2.65	86.6	2.86	87.9	3.07	91.7	3.53	94.0	3.56
	70	59.6	1.80	71.1	2.18	82.6	2.69	84.9	2.96	85.9	3.25	90.0	3.61	92.0	3.64
	75	59.6	1.84	71.1	2.33	82.6	2.88	83.6	3.17	84.9	3.48	88.6	3.78	91.0	3.80
	80	59.6	2.09	71.1	2.65	80.3	3.29	81.3	3.63	82.3	3.99	86.3	4.10	88.3	4.14
	85	59.6	2.23	71.1	2.83	79.0	3.52	80.0	3.88	81.3	4.23	84.9	4.27	87.3	4.31
	90	59.6	2.53	71.1	3.22	76.7	3.99	77.7	4.41	78.7	4.57	82.6	4.60	84.6	4.65
95	60.2	2.68	71.9	3.43	76.2	4.26	77.2	4.71	78.5	4.73	82.1	4.77	84.5	4.82	
100	60.2	2.90	71.9	3.70	74.8	4.62	76.2	4.96	77.2	4.99	81.1	5.03	83.1	5.08	
105	60.2	3.27	70.7	4.19	72.9	5.21	74.0	5.33	75.0	5.36	78.7	5.41	80.0	5.46	
110	60.2	3.67	68.9	4.72	71.1	5.68	71.4	5.71	72.4	5.73	74.7	5.79	75.0	5.84	
115	58.5	4.25	66.4	5.43	66.4	5.99	66.4	5.99	66.4	5.99	68.0	6.00	68.3	6.01	
118	52.3	3.75	57.7	4.60	57.8	5.04	57.8	5.08	57.8	5.08	59.2	5.09	59.0	5.10	
122	41.8	2.84	46.3	3.50	46.1	3.84	46.2	3.84	46.3	3.85	47.6	3.86	47.5	3.88	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50-130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA



ARUM072BTE5 / ARUM072DTE5

72,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110%	-9.9	55.2	1.19	65.9	1.43	76.5	1.70	81.8	1.84	87.2	1.97	96.0	2.25	98.1	2.34
	-5	55.2	1.25	65.9	1.51	76.5	1.79	81.8	1.94	87.2	2.08	96.0	2.38	98.1	2.47
	0	55.2	1.30	65.9	1.57	76.5	1.87	81.8	2.02	87.2	2.17	96.0	2.47	98.1	2.57
	5	55.2	1.35	65.9	1.63	76.5	1.93	81.8	2.10	87.2	2.25	96.0	2.56	98.1	2.66
	10	55.2	1.39	65.9	1.68	76.5	1.99	81.8	2.16	87.2	2.31	96.0	2.64	98.1	2.74
	14	55.2	1.44	65.9	1.74	76.5	2.06	81.8	2.24	87.2	2.40	96.0	2.73	98.1	2.83
	20	55.2	1.46	65.9	1.77	76.5	2.09	81.8	2.27	87.2	2.43	96.0	2.78	98.1	2.88
	25	55.2	1.48	65.9	1.79	76.5	2.12	81.8	2.29	87.2	2.46	96.0	2.82	98.1	2.92
	30	55.2	1.50	65.9	1.81	76.5	2.14	81.8	2.32	87.2	2.49	96.0	2.86	98.1	2.95
	35	55.2	1.52	65.9	1.84	76.5	2.17	81.8	2.35	87.2	2.53	96.0	2.90	98.1	3.00
	40	55.2	1.54	65.9	1.87	76.5	2.21	81.8	2.38	87.2	2.56	96.0	2.94	98.1	3.04
	45	55.2	1.57	65.9	1.89	76.5	2.24	81.8	2.42	87.2	2.61	96.0	2.99	98.1	3.09
	50	55.2	1.59	65.9	1.93	76.5	2.28	81.8	2.46	87.2	2.65	96.0	3.04	98.1	3.14
	55	55.2	1.62	65.9	1.96	76.5	2.32	81.8	2.52	87.2	2.70	94.7	3.09	96.7	3.17
	60	55.2	1.67	65.9	2.03	76.5	2.42	81.8	2.61	87.2	2.81	92.3	3.19	94.3	3.21
	65	55.2	1.71	65.9	2.08	76.5	2.46	81.8	2.67	87.2	2.86	90.9	3.29	93.0	3.32
	70	55.2	1.72	65.9	2.09	76.5	2.58	81.8	2.84	85.5	3.11	89.2	3.46	91.3	3.49
	75	55.2	1.77	65.9	2.23	76.5	2.76	81.8	3.04	84.2	3.34	87.9	3.62	89.9	3.65
	80	54.7	2.01	65.2	2.54	75.7	3.16	80.0	3.48	81.0	3.83	84.6	3.93	86.6	3.97
	85	54.7	2.14	65.2	2.72	75.7	3.37	78.7	3.72	79.7	4.06	83.3	4.09	85.3	4.13
90	54.7	2.42	65.2	3.09	75.4	3.83	76.4	4.23	77.4	4.38	80.9	4.41	83.0	4.46	
95	54.7	2.57	65.2	3.28	74.1	4.09	75.1	4.52	76.1	4.53	79.6	4.58	81.6	4.62	
100	54.7	2.78	65.2	3.55	73.1	4.43	74.1	4.75	75.1	4.78	78.6	4.82	80.6	4.87	
105	54.7	3.13	65.2	4.02	70.8	5.00	71.8	5.11	72.8	5.14	76.3	5.19	78.2	5.24	
110	54.7	3.52	65.2	4.53	68.6	5.45	68.8	5.48	69.8	5.49	72.0	5.55	72.3	5.60	
115	54.7	4.07	65.2	5.21	65.7	5.75	65.7	5.75	66.0	5.75	67.3	5.76	67.6	5.77	
118	52.8	3.71	56.7	4.41	57.2	4.83	57.2	4.87	57.5	4.87	58.6	4.88	58.4	4.89	
122	42.2	2.81	45.5	3.36	45.6	3.68	45.7	3.69	46.0	3.69	47.1	3.70	47.0	3.72	
100%	-9.9	48.5	1.05	57.9	1.26	67.2	1.50	72.0	1.63	79.1	1.76	88.7	2.04	93.7	2.12
	-5	48.5	1.10	57.9	1.33	67.2	1.58	72.0	1.72	79.1	1.86	88.7	2.15	93.7	2.24
	0	48.5	1.15	57.9	1.39	67.2	1.64	72.0	1.79	79.1	1.94	88.7	2.23	93.7	2.33
	5	48.5	1.19	57.9	1.44	67.2	1.70	72.0	1.85	79.1	2.01	88.7	2.32	93.7	2.41
	10	48.5	1.22	57.9	1.48	67.2	1.75	72.0	1.91	79.1	2.06	88.7	2.38	93.7	2.48
	14	48.5	1.27	57.9	1.53	67.2	1.81	72.0	1.98	79.1	2.14	88.7	2.47	93.7	2.57
	20	48.5	1.31	57.9	1.58	67.2	1.87	72.0	2.03	79.1	2.21	88.7	2.54	93.7	2.64
	25	48.5	1.34	57.9	1.62	67.2	1.92	72.0	2.08	79.1	2.26	88.7	2.60	93.7	2.70
	30	48.5	1.37	57.9	1.66	67.2	1.97	72.0	2.13	79.1	2.32	88.7	2.66	93.7	2.77
	35	48.5	1.40	57.9	1.69	67.2	2.00	72.0	2.16	79.1	2.36	88.7	2.70	93.7	2.81
	40	48.5	1.42	57.9	1.72	67.2	2.03	72.0	2.20	79.1	2.40	88.7	2.75	93.7	2.86
	45	48.5	1.45	57.9	1.75	67.2	2.07	72.0	2.24	79.1	2.44	88.7	2.80	93.7	2.91
	50	48.5	1.48	57.9	1.79	67.2	2.12	72.0	2.29	79.1	2.50	88.7	2.86	93.7	2.97
	55	48.5	1.50	57.9	1.82	67.2	2.16	72.0	2.34	79.1	2.55	88.7	2.91	92.7	3.02
	60	48.5	1.55	57.9	1.89	67.2	2.25	72.0	2.43	79.1	2.64	88.4	3.00	90.1	3.07
	65	48.5	1.58	57.9	1.93	67.2	2.29	72.0	2.47	79.1	2.69	87.1	3.10	89.1	3.16
	70	48.5	1.63	57.9	1.98	67.2	2.44	72.0	2.69	79.1	2.99	85.4	3.32	87.1	3.38
	75	48.5	1.67	57.9	2.12	67.2	2.61	72.0	2.88	79.1	3.21	84.1	3.48	86.1	3.52
	80	48.5	1.90	57.9	2.41	67.2	2.99	72.0	3.30	79.1	3.68	81.8	3.78	83.4	3.83
	85	48.5	2.03	57.9	2.57	67.2	3.19	72.0	3.52	78.8	3.90	80.5	3.94	82.4	3.99
90	48.5	2.30	57.9	2.92	67.2	3.63	72.0	4.01	76.1	4.21	78.1	4.24	79.8	4.31	
95	48.5	2.43	57.9	3.11	67.2	3.87	72.0	4.28	75.2	4.36	76.8	4.40	78.8	4.47	
100	48.5	2.63	57.9	3.36	67.2	4.19	70.7	4.49	73.9	4.59	75.8	4.63	77.5	4.69	
105	48.5	2.95	57.9	3.78	66.8	4.71	68.8	4.82	71.6	4.91	73.5	4.96	75.3	5.02	
110	48.5	3.30	57.9	4.25	66.0	5.11	67.5	5.14	68.9	5.23	70.0	5.28	71.3	5.36	
115	48.5	3.79	57.9	4.85	62.9	5.35	64.8	5.35	66.4	5.43	67.0	5.44	67.3	5.48	
118	48.5	3.83	50.8	4.55	54.7	4.50	56.4	4.54	57.8	4.61	58.4	4.62	58.1	4.65	
122	41.5	3.46	40.7	3.46	43.6	3.42	45.1	3.43	46.3	3.49	46.9	3.50	46.8	3.53	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
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		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	-9.9	43.7	0.93	52.1	1.12	60.8	1.32	64.9	1.42	69.1	1.52	77.5	1.75	85.8	1.92
	-5	43.7	0.98	52.1	1.18	60.8	1.39	64.9	1.50	69.1	1.60	77.5	1.84	85.8	2.03
	0	43.7	1.02	52.1	1.23	60.8	1.45	64.9	1.56	69.1	1.67	77.5	1.92	85.8	2.11
	5	43.7	1.06	52.1	1.27	60.8	1.50	64.9	1.62	69.1	1.73	77.5	1.99	85.8	2.18
	10	43.7	1.09	52.1	1.31	60.8	1.55	64.9	1.66	69.1	1.78	77.5	2.05	85.8	2.25
	14	43.7	1.13	52.1	1.36	60.8	1.60	64.9	1.72	69.1	1.84	77.5	2.12	85.8	2.33
	20	43.7	1.17	52.1	1.41	60.8	1.66	64.9	1.79	69.1	1.92	77.5	2.20	85.8	2.42
	25	43.7	1.21	52.1	1.45	60.8	1.71	64.9	1.84	69.1	1.98	77.5	2.26	85.8	2.49
	30	43.7	1.24	52.1	1.49	60.8	1.76	64.9	1.90	69.1	2.05	77.5	2.32	85.8	2.57
	35	43.7	1.28	52.1	1.54	60.8	1.81	64.9	1.96	69.1	2.11	77.5	2.39	85.8	2.65
	40	43.7	1.32	52.1	1.59	60.8	1.87	64.9	2.02	69.1	2.17	77.5	2.46	85.8	2.72
	45	43.7	1.35	52.1	1.62	60.8	1.91	64.9	2.06	69.1	2.22	77.5	2.52	85.8	2.79
	50	43.7	1.38	52.1	1.66	60.8	1.96	64.9	2.11	69.1	2.27	77.5	2.58	85.8	2.85
	55	43.7	1.39	52.1	1.68	60.8	1.99	64.9	2.15	69.1	2.31	77.5	2.63	85.8	2.87
	60	43.7	1.45	52.1	1.75	60.8	2.07	64.9	2.24	69.1	2.41	77.5	2.73	85.1	2.91
	65	43.7	1.47	52.1	1.79	60.8	2.11	64.9	2.28	69.1	2.45	77.5	2.78	84.5	3.05
	70	43.7	1.51	52.1	1.84	60.8	2.19	64.9	2.41	69.1	2.63	77.5	3.10	82.9	3.28
	75	43.7	1.54	52.1	1.92	60.8	2.34	64.9	2.58	69.1	2.82	77.5	3.24	81.6	3.42
	80	43.7	1.73	52.1	2.18	60.8	2.67	64.9	2.94	69.1	3.22	77.5	3.58	79.4	3.72
	85	43.7	1.84	52.1	2.32	60.8	2.86	64.9	3.14	69.1	3.44	76.5	3.77	78.1	3.88
	90	43.7	2.07	52.1	2.63	60.8	3.24	64.9	3.57	69.1	3.92	74.3	4.12	75.9	4.18
95	43.7	2.21	52.1	2.79	60.8	3.45	64.9	3.81	69.1	4.18	73.0	4.28	74.6	4.34	
100	43.7	2.28	52.1	2.91	60.8	3.60	64.9	3.96	69.1	4.28	72.0	4.46	73.3	4.51	
105	43.7	2.65	52.1	3.37	60.8	4.07	64.9	4.34	68.3	4.58	69.8	4.79	70.7	4.84	
110	43.7	3.04	52.1	3.89	60.8	4.46	64.9	4.68	65.6	4.97	66.4	5.14	67.0	5.20	
115	43.7	3.29	52.1	4.22	56.9	4.70	61.6	4.90	62.4	5.13	63.0	5.24	63.3	5.31	
118	43.7	3.49	50.8	4.55	49.5	3.95	53.6	4.16	54.4	4.35	54.9	4.45	54.6	4.50	
122	41.5	3.46	40.7	3.46	39.5	3.01	42.8	3.14	43.5	3.30	44.1	3.37	44.0	3.42	
80%	-9.9	38.9	0.81	46.3	0.97	54.0	1.13	57.5	1.23	61.4	1.32	68.8	1.51	76.2	1.68
	-5	38.9	0.85	46.3	1.03	54.0	1.19	57.5	1.30	61.4	1.40	68.8	1.60	76.2	1.78
	0	38.9	0.89	46.3	1.07	54.0	1.24	57.5	1.35	61.4	1.45	68.8	1.66	76.2	1.85
	5	38.9	0.92	46.3	1.11	54.0	1.29	57.5	1.40	61.4	1.51	68.8	1.72	76.2	1.92
	10	38.9	0.95	46.3	1.14	54.0	1.32	57.5	1.44	61.4	1.55	68.8	1.77	76.2	1.97
	14	38.9	0.98	46.3	1.18	54.0	1.37	57.5	1.49	61.4	1.61	68.8	1.83	76.2	2.04
	20	38.9	1.02	46.3	1.22	54.0	1.43	57.5	1.55	61.4	1.66	68.8	1.90	76.2	2.12
	25	38.9	1.05	46.3	1.26	54.0	1.47	57.5	1.59	61.4	1.71	68.8	1.96	76.2	2.19
	30	38.9	1.08	46.3	1.29	54.0	1.52	57.5	1.64	61.4	1.75	68.8	2.01	76.2	2.25
	35	38.9	1.11	46.3	1.33	54.0	1.56	57.5	1.68	61.4	1.80	68.8	2.07	76.2	2.32
	40	38.9	1.14	46.3	1.37	54.0	1.60	57.5	1.73	61.4	1.85	68.8	2.12	76.2	2.38
	45	38.9	1.16	46.3	1.38	54.0	1.63	57.5	1.75	61.4	1.87	68.8	2.15	76.2	2.41
	50	38.9	1.17	46.3	1.40	54.0	1.65	57.5	1.78	61.4	1.90	68.8	2.18	76.2	2.44
	55	38.9	1.19	46.3	1.43	54.0	1.68	57.5	1.81	61.4	1.94	68.8	2.22	76.2	2.48
	60	38.9	1.23	46.3	1.47	54.0	1.74	57.5	1.87	61.4	2.02	68.8	2.30	76.2	2.59
	65	38.9	1.25	46.3	1.50	54.0	1.77	57.5	1.91	61.4	2.06	68.8	2.34	76.2	2.65
	70	38.9	1.28	46.3	1.55	54.0	1.82	57.5	1.97	61.4	2.14	68.8	2.53	76.2	2.92
	75	38.9	1.31	46.3	1.58	54.0	1.91	57.5	2.10	61.4	2.28	68.8	2.69	76.2	3.08
	80	38.9	1.43	46.3	1.79	54.0	2.18	57.5	2.38	61.4	2.60	68.8	3.09	76.2	3.45
	85	38.9	1.53	46.3	1.90	54.0	2.32	57.5	2.54	61.4	2.79	68.8	3.29	76.2	3.53
	90	38.9	1.72	46.3	2.16	54.0	2.63	57.5	2.89	61.4	3.17	68.8	3.62	74.9	3.75
95	38.9	1.82	46.3	2.28	54.0	2.81	57.5	3.07	61.4	3.37	68.8	3.75	73.3	3.85	
100	38.9	1.97	46.3	2.46	54.0	3.03	57.5	3.29	61.4	3.50	68.8	3.90	71.7	3.97	
105	38.9	2.24	46.3	2.82	54.0	3.37	57.5	3.53	61.4	3.76	68.0	4.05	69.6	4.17	
110	38.9	2.54	46.3	3.21	54.0	3.57	57.5	3.77	61.4	4.05	65.6	4.20	65.9	4.38	
115	38.9	2.72	46.3	3.43	54.0	3.69	57.5	3.96	57.5	4.14	57.9	4.30	57.9	4.56	
118	38.9	2.89	46.3	3.65	49.5	3.95	50.5	3.76	50.1	3.52	50.4	3.65	50.0	3.87	
122	38.9	3.12	40.8	3.44	39.5	3.01	40.4	2.84	40.1	2.66	40.5	2.76	40.2	2.94	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA



ARUM072BTE5 / ARUM072DTE5

72,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-9.9	34.1	0.71	40.5	0.85	47.3	1.00	50.5	1.07	53.7	1.14	60.1	1.30	66.9	1.46
	-5	34.1	0.75	40.5	0.89	47.3	1.05	50.5	1.13	53.7	1.20	60.1	1.38	66.9	1.54
	0	34.1	0.78	40.5	0.93	47.3	1.10	50.5	1.17	53.7	1.25	60.1	1.43	66.9	1.60
	5	34.1	0.81	40.5	0.96	47.3	1.14	50.5	1.22	53.7	1.30	60.1	1.48	66.9	1.66
	10	34.1	0.84	40.5	0.99	47.3	1.17	50.5	1.25	53.7	1.33	60.1	1.53	66.9	1.71
	14	34.1	0.87	40.5	1.03	47.3	1.21	50.5	1.30	53.7	1.38	60.1	1.58	66.9	1.77
	20	34.1	0.90	40.5	1.06	47.3	1.25	50.5	1.34	53.7	1.43	60.1	1.63	66.9	1.83
	25	34.1	0.92	40.5	1.09	47.3	1.28	50.5	1.37	53.7	1.47	60.1	1.67	66.9	1.88
	30	34.1	0.95	40.5	1.12	47.3	1.31	50.5	1.41	53.7	1.51	60.1	1.72	66.9	1.93
	35	34.1	0.97	40.5	1.15	47.3	1.35	50.5	1.45	53.7	1.55	60.1	1.76	66.9	1.98
	40	34.1	1.00	40.5	1.18	47.3	1.38	50.5	1.48	53.7	1.59	60.1	1.81	66.9	2.03
	45	34.1	1.01	40.5	1.20	47.3	1.40	50.5	1.51	53.7	1.61	60.1	1.84	66.9	2.06
	50	34.1	1.03	40.5	1.22	47.3	1.43	50.5	1.53	53.7	1.64	60.1	1.87	66.9	2.10
	55	34.1	1.05	40.5	1.24	47.3	1.45	50.5	1.56	53.7	1.67	60.1	1.90	66.9	2.14
	60	34.1	1.08	40.5	1.28	47.3	1.50	50.5	1.62	53.7	1.73	60.1	1.97	66.9	2.22
	65	34.1	1.09	40.5	1.31	47.3	1.53	50.5	1.65	53.7	1.77	60.1	2.01	66.9	2.26
	70	34.1	1.12	40.5	1.34	47.3	1.58	50.5	1.69	53.7	1.82	60.1	2.08	66.9	2.40
	75	34.1	1.14	40.5	1.37	47.3	1.61	50.5	1.75	53.7	1.90	60.1	2.22	66.9	2.54
	80	34.1	1.23	40.5	1.51	47.3	1.82	50.5	1.99	53.7	2.16	60.1	2.46	66.9	2.82
	85	34.1	1.31	40.5	1.61	47.3	1.94	50.5	2.12	53.7	2.32	60.1	2.62	66.9	2.94
	90	34.1	1.47	40.5	1.81	47.3	2.20	50.5	2.40	53.7	2.63	60.1	2.92	66.9	3.19
95	34.1	1.55	40.5	1.93	47.3	2.34	50.5	2.56	53.7	2.79	60.1	3.07	66.9	3.29	
100	34.1	1.68	40.5	2.08	47.3	2.53	50.5	2.76	53.7	2.87	60.1	3.21	66.9	3.38	
105	34.1	1.90	40.5	2.37	47.3	2.79	50.5	2.95	53.7	3.12	60.1	3.39	66.9	3.58	
110	34.1	2.14	40.5	2.69	47.3	2.95	50.5	3.13	53.7	3.38	60.1	3.53	64.9	3.85	
115	34.1	2.30	40.5	2.87	47.3	3.05	50.5	3.31	53.7	3.48	60.1	3.63	61.2	4.10	
118	34.1	2.44	40.5	3.04	47.3	3.24	50.5	3.50	48.8	3.48	50.4	3.08	50.0	3.48	
122	34.1	2.64	40.5	3.30	42.2	3.09	40.3	2.88	39.1	2.64	40.5	2.34	40.2	2.64	
60%	-9.9	29.3	0.62	34.7	0.72	40.5	0.84	43.1	0.90	46.0	0.97	51.8	1.10	57.2	1.23
	-5	29.3	0.65	34.7	0.76	40.5	0.89	43.1	0.95	46.0	1.02	51.8	1.16	57.2	1.30
	0	29.3	0.68	34.7	0.79	40.5	0.93	43.1	0.99	46.0	1.06	51.8	1.21	57.2	1.35
	5	29.3	0.70	34.7	0.82	40.5	0.96	43.1	1.02	46.0	1.10	51.8	1.25	57.2	1.40
	10	29.3	0.72	34.7	0.84	40.5	0.99	43.1	1.05	46.0	1.14	51.8	1.29	57.2	1.44
	14	29.3	0.75	34.7	0.87	40.5	1.02	43.1	1.09	46.0	1.18	51.8	1.33	57.2	1.49
	20	29.3	0.77	34.7	0.90	40.5	1.06	43.1	1.13	46.0	1.21	51.8	1.38	57.2	1.54
	25	29.3	0.79	34.7	0.93	40.5	1.08	43.1	1.16	46.0	1.25	51.8	1.41	57.2	1.58
	30	29.3	0.81	34.7	0.95	40.5	1.11	43.1	1.19	46.0	1.28	51.8	1.45	57.2	1.63
	35	29.3	0.83	34.7	0.98	40.5	1.14	43.1	1.22	46.0	1.31	51.8	1.49	57.2	1.67
	40	29.3	0.85	34.7	1.01	40.5	1.17	43.1	1.26	46.0	1.34	51.8	1.53	57.2	1.71
	45	29.3	0.86	34.7	1.01	40.5	1.18	43.1	1.27	46.0	1.36	51.8	1.54	57.2	1.72
	50	29.3	0.87	34.7	1.02	40.5	1.19	43.1	1.28	46.0	1.37	51.8	1.55	57.2	1.74
	55	29.3	0.88	34.7	1.04	40.5	1.21	43.1	1.30	46.0	1.39	51.8	1.58	57.2	1.77
	60	29.3	0.91	34.7	1.08	40.5	1.25	43.1	1.35	46.0	1.44	51.8	1.63	57.2	1.84
	65	29.3	0.92	34.7	1.09	40.5	1.28	43.1	1.37	46.0	1.47	51.8	1.67	57.2	1.88
	70	29.3	0.95	34.7	1.12	40.5	1.31	43.1	1.41	46.0	1.51	51.8	1.72	57.2	1.95
	75	29.3	0.96	34.7	1.14	40.5	1.34	43.1	1.44	46.0	1.56	51.8	1.82	57.2	2.08
	80	29.3	1.02	34.7	1.25	40.5	1.50	43.1	1.63	46.0	1.77	51.8	2.04	57.2	2.35
	85	29.3	1.09	34.7	1.33	40.5	1.59	43.1	1.74	46.0	1.90	51.8	2.15	57.2	2.42
	90	29.3	1.22	34.7	1.50	40.5	1.80	43.1	1.97	46.0	2.13	51.8	2.40	57.2	2.64
95	29.3	1.29	34.7	1.59	40.5	1.91	43.1	2.10	46.0	2.26	51.8	2.51	57.2	2.78	
100	29.3	1.39	34.7	1.71	40.5	2.06	43.1	2.26	46.0	2.36	51.8	2.66	57.2	2.90	
105	29.3	1.58	34.7	1.94	40.5	2.28	43.1	2.41	46.0	2.56	51.8	2.82	57.2	3.16	
110	29.3	1.77	34.7	2.21	40.5	2.46	43.1	2.56	46.0	2.77	51.8	3.02	57.2	3.45	
115	29.3	1.90	34.7	2.35	40.5	2.55	43.1	2.70	46.0	2.87	51.8	3.19	57.2	3.69	
118	29.3	2.01	34.7	2.50	40.5	2.71	43.1	2.87	46.0	3.05	50.4	3.08	50.0	3.48	
122	29.3	2.16	34.7	2.70	40.5	2.94	40.2	2.91	38.9	2.70	40.5	2.34	40.2	2.64	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
 Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.



COOLING CAPACITY DATA

ARUM072BTE5 / ARUM072DTE5

72,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-9.9	24.3	0.53	28.9	0.63	33.8	0.70	36.0	0.75	38.3	0.81	43.1	0.90	47.6	1.00
	-5	24.3	0.56	28.9	0.66	33.8	0.74	36.0	0.80	38.3	0.86	43.1	0.95	47.6	1.05
	0	24.3	0.58	28.9	0.69	33.8	0.77	36.0	0.83	38.3	0.89	43.1	0.99	47.6	1.10
	5	24.3	0.60	28.9	0.71	33.8	0.80	36.0	0.86	38.3	0.92	43.1	1.03	47.6	1.14
	10	24.3	0.62	28.9	0.73	33.8	0.82	36.0	0.88	38.3	0.95	43.1	1.06	47.6	1.17
	14	24.3	0.64	28.9	0.76	33.8	0.85	36.0	0.92	38.3	0.99	43.1	1.09	47.6	1.21
	20	24.3	0.67	28.9	0.78	33.8	0.88	36.0	0.95	38.3	1.02	43.1	1.13	47.6	1.26
	25	24.3	0.69	28.9	0.80	33.8	0.91	36.0	0.98	38.3	1.04	43.1	1.17	47.6	1.30
	30	24.3	0.71	28.9	0.82	33.8	0.94	36.0	1.00	38.3	1.07	43.1	1.20	47.6	1.34
	35	24.3	0.73	28.9	0.84	33.8	0.97	36.0	1.03	38.3	1.10	43.1	1.23	47.6	1.37
	40	24.3	0.75	28.9	0.87	33.8	0.99	36.0	1.06	38.3	1.13	43.1	1.26	47.6	1.41
	45	24.3	0.76	28.9	0.88	33.8	1.01	36.0	1.07	38.3	1.14	43.1	1.28	47.6	1.43
	50	24.3	0.77	28.9	0.89	33.8	1.02	36.0	1.09	38.3	1.16	43.1	1.30	47.6	1.45
	55	24.3	0.78	28.9	0.91	33.8	1.04	36.0	1.10	38.3	1.18	43.1	1.32	47.6	1.47
	60	24.3	0.80	28.9	0.93	33.8	1.07	36.0	1.14	38.3	1.22	43.1	1.36	47.6	1.53
	65	24.3	0.81	28.9	0.95	33.8	1.09	36.0	1.16	38.3	1.23	43.1	1.39	47.6	1.55
	70	24.3	0.83	28.9	0.96	33.8	1.11	36.0	1.19	38.3	1.27	43.1	1.43	47.6	1.60
	75	24.3	0.84	28.9	0.98	33.8	1.14	36.0	1.21	38.3	1.29	43.1	1.45	47.6	1.63
	80	24.3	0.87	28.9	1.04	33.8	1.22	36.0	1.32	38.3	1.41	43.1	1.63	47.6	1.85
	85	24.3	0.92	28.9	1.09	33.8	1.29	36.0	1.40	38.3	1.50	43.1	1.73	47.6	1.98
90	24.3	1.03	28.9	1.23	33.8	1.45	36.0	1.57	38.3	1.69	43.1	1.95	47.6	2.24	
95	24.3	1.09	28.9	1.30	33.8	1.54	36.0	1.67	38.3	1.80	43.1	2.07	47.6	2.38	
100	24.3	1.14	28.9	1.37	33.8	1.63	36.0	1.76	38.3	1.90	43.1	2.21	47.6	2.52	
105	24.3	1.25	28.9	1.52	33.8	1.80	36.0	1.95	38.3	2.11	43.1	2.44	47.6	2.81	
110	24.3	1.38	28.9	1.67	33.8	1.99	36.0	2.16	38.3	2.34	43.1	2.73	47.6	3.14	
115	24.3	1.48	28.9	1.80	33.8	2.14	36.0	2.33	38.3	2.52	43.1	2.94	47.6	3.38	
118	24.3	1.60	28.9	1.95	33.8	2.33	36.0	2.53	38.3	2.75	43.1	3.08	47.6	3.48	
122	24.3	1.76	28.9	2.15	33.8	2.57	36.0	2.81	38.3	2.70	40.5	2.34	40.2	2.64	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Performance Data

COOLING CAPACITY DATA



ARUM096BTE5 / ARUM096DTE5

96,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130%	-9.9	87.3	1.71	103.7	2.07	120.5	2.46	125.0	2.65	126.7	2.86	131.1	3.28	134.3	3.39
	-5	87.3	1.80	103.7	2.19	120.5	2.59	125.0	2.80	126.7	3.02	131.1	3.46	134.3	3.58
	0	87.3	1.87	103.7	2.27	120.5	2.70	125.0	2.91	126.7	3.14	131.1	3.60	134.3	3.72
	5	87.3	1.94	103.7	2.36	120.5	2.80	125.0	3.02	126.7	3.26	131.1	3.73	134.3	3.86
	10	87.3	2.00	103.7	2.42	120.5	2.88	125.0	3.10	126.7	3.35	131.1	3.84	134.3	3.97
	14	87.3	2.07	103.7	2.51	120.5	2.98	125.0	3.22	126.7	3.47	131.1	3.98	134.3	4.11
	20	87.3	2.11	103.7	2.55	120.5	3.03	125.0	3.27	126.7	3.52	131.1	4.03	134.3	4.17
	25	87.3	2.14	103.7	2.59	120.5	3.06	125.0	3.31	126.7	3.56	131.1	4.08	134.3	4.22
	30	87.3	2.16	103.7	2.62	120.5	3.10	125.0	3.35	126.7	3.60	131.1	4.13	134.3	4.27
	35	87.3	2.19	103.7	2.65	120.5	3.13	125.0	3.39	126.7	3.64	131.1	4.17	134.3	4.32
	40	87.3	2.22	103.7	2.68	120.5	3.17	125.0	3.43	126.7	3.69	131.1	4.22	134.3	4.37
	45	87.3	2.24	103.7	2.71	120.5	3.21	125.0	3.46	126.7	3.72	131.1	4.27	134.3	4.42
	50	87.3	2.26	103.7	2.74	120.5	3.24	125.0	3.50	126.7	3.76	131.1	4.31	134.3	4.46
	55	87.3	2.30	103.7	2.79	120.5	3.30	123.2	3.57	125.0	3.84	129.3	4.39	132.5	4.49
	60	87.3	2.37	103.7	2.89	118.8	3.44	120.5	3.71	121.9	3.99	126.2	4.52	129.3	4.54
	65	87.3	2.42	103.7	2.95	117.0	3.50	118.8	3.79	120.1	4.06	124.4	4.67	127.6	4.71
	70	87.3	2.33	103.7	2.83	114.8	3.49	116.1	3.84	117.9	4.21	122.2	4.68	125.3	4.72
	75	87.3	2.39	103.7	3.02	113.0	3.73	114.3	4.12	116.1	4.51	120.4	4.90	123.5	4.93
	80	87.3	2.72	103.7	3.44	109.9	4.27	111.2	4.71	113.0	5.18	117.3	5.32	120.4	5.36
	85	87.3	2.89	103.7	3.67	108.1	4.56	109.9	5.03	111.2	5.49	115.5	5.54	118.6	5.59
90	87.3	3.28	101.9	4.18	105.0	5.18	106.4	5.73	108.1	5.92	112.3	5.97	115.5	6.03	
95	88.2	3.48	101.2	4.44	104.4	5.53	106.1	6.11	107.5	6.13	111.7	6.19	114.9	6.25	
100	88.2	3.76	99.4	4.81	102.6	5.99	104.4	6.43	105.7	6.47	110.4	6.53	113.5	6.59	
105	88.2	4.24	96.8	5.44	99.9	6.76	101.4	6.92	103.0	6.95	106.5	7.02	108.1	7.08	
110	88.2	4.76	92.7	6.13	96.6	7.37	96.9	7.41	98.4	7.43	100.4	7.51	100.8	7.58	
115	87.8	5.51	89.4	7.05	89.4	7.77	89.4	7.77	89.4	7.77	90.7	7.79	91.1	7.80	
118	76.3	4.67	77.7	5.97	77.8	6.54	77.8	6.59	77.8	6.59	78.9	6.61	78.6	6.62	
122	61.0	3.54	62.3	4.54	62.0	4.98	62.2	4.99	62.3	4.99	63.4	5.01	63.3	5.03	
120%	-9.9	79.4	1.61	94.8	1.95	110.2	2.31	118.1	2.49	123.3	2.68	128.9	3.08	131.6	3.18
	-5	79.4	1.70	94.8	2.06	110.2	2.44	118.1	2.63	123.3	2.83	128.9	3.25	131.6	3.36
	0	79.4	1.77	94.8	2.14	110.2	2.53	118.1	2.73	123.3	2.95	128.9	3.38	131.6	3.49
	5	79.4	1.83	94.8	2.22	110.2	2.63	118.1	2.83	123.3	3.05	128.9	3.50	131.6	3.62
	10	79.4	1.88	94.8	2.28	110.2	2.70	118.1	2.91	123.3	3.14	128.9	3.60	131.6	3.72
	14	79.4	1.95	94.8	2.36	110.2	2.80	118.1	3.02	123.3	3.26	128.9	3.73	131.6	3.86
	20	79.4	1.98	94.8	2.40	110.2	2.84	118.1	3.07	123.3	3.30	128.9	3.79	131.6	3.91
	25	79.4	2.01	94.8	2.43	110.2	2.87	118.1	3.10	123.3	3.34	128.9	3.83	131.6	3.96
	30	79.4	2.03	94.8	2.46	110.2	2.91	118.1	3.14	123.3	3.38	128.9	3.87	131.6	4.01
	35	79.4	2.06	94.8	2.49	110.2	2.94	118.1	3.18	123.3	3.42	128.9	3.92	131.6	4.06
	40	79.4	2.08	94.8	2.52	110.2	2.98	118.1	3.22	123.3	3.46	128.9	3.97	131.6	4.11
	45	79.4	2.11	94.8	2.55	110.2	3.01	118.1	3.26	123.3	3.50	128.9	4.01	131.6	4.16
	50	79.4	2.13	94.8	2.58	110.2	3.05	118.1	3.29	123.3	3.54	128.9	4.06	131.6	4.20
	55	79.4	2.17	94.8	2.62	110.2	3.11	118.1	3.37	122.0	3.61	127.1	4.13	130.3	4.23
	60	79.4	2.24	94.8	2.72	110.2	3.24	117.2	3.49	118.5	3.75	124.0	4.26	126.7	4.33
	65	79.4	2.28	94.8	2.78	110.2	3.29	115.4	3.57	117.2	3.82	122.2	4.40	125.3	4.44
	70	79.4	2.24	94.8	2.72	110.2	3.35	113.2	3.68	114.6	4.04	120.0	4.49	122.7	4.53
	75	79.4	2.30	94.8	2.90	110.2	3.58	111.5	3.95	113.2	4.33	118.2	4.70	121.3	4.74
	80	79.4	2.61	94.8	3.30	107.1	4.10	108.4	4.52	109.7	4.97	115.1	5.11	117.7	5.15
	85	79.4	2.78	94.8	3.53	105.3	4.38	106.7	4.83	108.4	5.27	113.3	5.32	116.4	5.36
90	79.4	3.15	94.8	4.01	102.3	4.97	103.6	5.50	104.9	5.69	110.1	5.73	112.8	5.79	
95	80.3	3.34	95.8	4.27	101.6	5.31	102.9	5.87	104.7	5.89	109.5	5.95	112.6	6.00	
100	80.3	3.61	95.8	4.61	99.8	5.75	101.6	6.17	102.9	6.21	108.1	6.27	110.8	6.32	
105	80.3	4.07	94.3	5.22	97.1	6.49	98.7	6.64	100.0	6.68	105.0	6.73	106.7	6.80	
110	80.3	4.57	91.9	5.88	94.9	7.08	95.1	7.11	96.6	7.14	99.6	7.21	99.9	7.28	
115	78.1	5.29	88.5	6.77	88.5	7.46	88.5	7.46	88.5	7.46	90.7	7.47	91.1	7.49	
118	69.7	4.67	77.0	5.73	77.1	6.27	77.1	6.33	77.1	6.33	79.0	6.34	78.6	6.35	
122	55.7	3.54	61.7	4.36	61.4	4.78	61.6	4.79	61.7	4.79	63.4	4.81	63.3	4.83	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
 Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.



COOLING CAPACITY DATA

ARUM096BTE5 / ARUM096DTE5

96,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110%	-9.9	73.6	1.48	87.8	1.79	102.0	2.12	109.1	2.30	116.2	2.46	128.0	2.81	130.7	2.91
	-5	73.6	1.56	87.8	1.88	102.0	2.23	109.1	2.42	116.2	2.59	128.0	2.96	130.7	3.07
	0	73.6	1.63	87.8	1.96	102.0	2.32	109.1	2.52	116.2	2.70	128.0	3.08	130.7	3.19
	5	73.6	1.68	87.8	2.03	102.0	2.41	109.1	2.61	116.2	2.80	128.0	3.19	130.7	3.31
	10	73.6	1.73	87.8	2.09	102.0	2.48	109.1	2.69	116.2	2.88	128.0	3.28	130.7	3.41
	14	73.6	1.80	87.8	2.17	102.0	2.57	109.1	2.78	116.2	2.98	128.0	3.40	130.7	3.53
	20	73.6	1.82	87.8	2.20	102.0	2.61	109.1	2.82	116.2	3.03	128.0	3.46	130.7	3.58
	25	73.6	1.84	87.8	2.23	102.0	2.64	109.1	2.85	116.2	3.07	128.0	3.51	130.7	3.63
	30	73.6	1.87	87.8	2.26	102.0	2.67	109.1	2.89	116.2	3.10	128.0	3.56	130.7	3.68
	35	73.6	1.89	87.8	2.29	102.0	2.71	109.1	2.93	116.2	3.15	128.0	3.61	130.7	3.74
	40	73.6	1.92	87.8	2.32	102.0	2.75	109.1	2.97	116.2	3.19	128.0	3.66	130.7	3.78
	45	73.6	1.95	87.8	2.36	102.0	2.79	109.1	3.02	116.2	3.25	128.0	3.72	130.7	3.85
	50	73.6	1.98	87.8	2.40	102.0	2.84	109.1	3.07	116.2	3.30	128.0	3.78	130.7	3.91
	55	73.6	2.02	87.8	2.44	102.0	2.89	109.1	3.13	116.2	3.36	126.2	3.85	128.9	3.94
	60	73.6	2.08	87.8	2.53	102.0	3.01	109.1	3.25	116.2	3.50	123.1	3.97	125.8	4.00
	65	73.6	2.13	87.8	2.59	102.0	3.07	109.1	3.32	116.2	3.56	121.2	4.10	124.0	4.13
	70	73.6	2.15	87.8	2.61	102.0	3.21	109.1	3.53	114.0	3.88	119.0	4.31	121.7	4.35
	75	73.6	2.20	87.8	2.78	102.0	3.44	109.1	3.79	112.2	4.15	117.2	4.51	119.9	4.54
	80	72.9	2.50	86.9	3.17	101.0	3.93	106.7	4.34	108.0	4.77	112.8	4.90	115.5	4.94
	85	72.9	2.66	86.9	3.38	101.0	4.20	104.9	4.63	106.2	5.06	111.0	5.10	113.7	5.14
90	72.9	3.02	86.9	3.84	100.5	4.77	101.8	5.27	103.2	5.45	107.9	5.50	110.6	5.55	
95	72.9	3.20	86.9	4.09	98.8	5.09	100.1	5.63	101.4	5.65	106.1	5.70	108.8	5.75	
100	72.9	3.46	86.9	4.42	97.5	5.52	98.8	5.92	100.1	5.95	104.8	6.01	107.5	6.06	
105	72.9	3.90	86.9	5.00	94.4	6.22	95.7	6.37	97.0	6.40	101.7	6.46	104.3	6.52	
110	72.9	4.38	86.9	5.64	91.5	6.79	91.8	6.82	93.1	6.84	96.0	6.91	96.4	6.98	
115	72.9	5.07	86.9	6.49	87.6	7.15	87.6	7.15	88.0	7.15	89.8	7.17	90.2	7.18	
118	70.4	4.62	75.6	5.50	76.3	6.02	76.3	6.07	76.6	6.07	78.2	6.08	77.8	6.09	
122	56.3	3.51	60.6	4.18	60.8	4.58	60.9	4.59	61.4	4.60	62.8	4.61	62.6	4.63	
100%	-9.9	64.7	1.30	77.1	1.57	89.6	1.86	96.0	2.03	105.5	2.20	118.3	2.53	124.9	2.64
	-5	64.7	1.37	77.1	1.66	89.6	1.97	96.0	2.14	105.5	2.32	118.3	2.67	124.9	2.78
	0	64.7	1.43	77.1	1.73	89.6	2.04	96.0	2.23	105.5	2.41	118.3	2.78	124.9	2.90
	5	64.7	1.48	77.1	1.79	89.6	2.12	96.0	2.31	105.5	2.50	118.3	2.88	124.9	3.00
	10	64.7	1.52	77.1	1.84	89.6	2.18	96.0	2.38	105.5	2.57	118.3	2.97	124.9	3.09
	14	64.7	1.58	77.1	1.91	89.6	2.26	96.0	2.46	105.5	2.66	118.3	3.07	124.9	3.20
	20	64.7	1.63	77.1	1.97	89.6	2.33	96.0	2.53	105.5	2.75	118.3	3.16	124.9	3.29
	25	64.7	1.67	77.1	2.02	89.6	2.39	96.0	2.59	105.5	2.82	118.3	3.24	124.9	3.37
	30	64.7	1.71	77.1	2.07	89.6	2.45	96.0	2.65	105.5	2.89	118.3	3.31	124.9	3.44
	35	64.7	1.74	77.1	2.11	89.6	2.49	96.0	2.69	105.5	2.94	118.3	3.37	124.9	3.50
	40	64.7	1.77	77.1	2.14	89.6	2.53	96.0	2.73	105.5	2.98	118.3	3.42	124.9	3.56
	45	64.7	1.81	77.1	2.19	89.6	2.58	96.0	2.79	105.5	3.04	118.3	3.49	124.9	3.63
	50	64.7	1.84	77.1	2.23	89.6	2.63	96.0	2.85	105.5	3.11	118.3	3.56	124.9	3.70
	55	64.7	1.87	77.1	2.27	89.6	2.69	96.0	2.91	105.5	3.17	118.3	3.62	123.6	3.76
	60	64.7	1.93	77.1	2.35	89.6	2.80	96.0	3.02	105.5	3.29	117.9	3.74	120.1	3.83
	65	64.7	1.97	77.1	2.40	89.6	2.85	96.0	3.08	105.5	3.36	116.1	3.86	118.7	3.94
	70	64.7	2.03	77.1	2.47	89.6	3.04	96.0	3.35	105.5	3.73	113.9	4.14	116.1	4.21
	75	64.7	2.09	77.1	2.63	89.6	3.25	96.0	3.59	105.5	4.00	112.1	4.34	114.8	4.39
	80	64.7	2.37	77.1	3.00	89.6	3.72	96.0	4.11	105.5	4.58	109.0	4.71	111.2	4.77
	85	64.7	2.52	77.1	3.20	89.6	3.98	96.0	4.38	105.1	4.86	107.3	4.90	109.9	4.97
90	64.7	2.86	77.1	3.64	89.6	4.52	96.0	4.99	101.5	5.24	104.2	5.29	106.4	5.36	
95	64.7	3.03	77.1	3.88	89.6	4.82	96.0	5.33	100.2	5.43	102.4	5.48	105.1	5.56	
100	64.7	3.27	77.1	4.18	89.6	5.21	94.3	5.60	98.5	5.71	101.1	5.76	103.3	5.85	
105	64.7	3.68	77.1	4.71	89.1	5.86	91.7	6.00	95.5	6.12	98.0	6.17	100.4	6.26	
110	64.7	4.11	77.1	5.29	88.1	6.36	90.0	6.40	91.9	6.51	93.3	6.58	95.0	6.67	
115	64.7	4.72	77.1	6.04	83.8	6.66	86.4	6.66	88.6	6.76	89.4	6.77	89.8	6.82	
118	64.7	4.76	67.7	5.67	73.0	5.60	75.2	5.65	77.1	5.74	77.8	5.75	77.5	5.79	
122	55.4	4.31	54.3	4.31	58.2	4.27	60.1	4.28	61.8	4.34	62.5	4.36	62.4	4.40	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA



ARUM096BTE5 / ARUM096DTE5

96,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90%	-9.9	58.3	1.16	69.4	1.39	81.0	1.64	86.6	1.77	92.1	1.89	103.3	2.18	114.4	2.39
	-5	58.3	1.23	69.4	1.47	81.0	1.74	86.6	1.87	92.1	1.99	103.3	2.30	114.4	2.52
	0	58.3	1.28	69.4	1.53	81.0	1.81	86.6	1.94	92.1	2.08	103.3	2.39	114.4	2.62
	5	58.3	1.32	69.4	1.58	81.0	1.87	86.6	2.01	92.1	2.15	103.3	2.48	114.4	2.72
	10	58.3	1.36	69.4	1.63	81.0	1.93	86.6	2.07	92.1	2.21	103.3	2.55	114.4	2.80
	14	58.3	1.41	69.4	1.69	81.0	1.99	86.6	2.15	92.1	2.29	103.3	2.64	114.4	2.90
	20	58.3	1.46	69.4	1.75	81.0	2.07	86.6	2.23	92.1	2.39	103.3	2.74	114.4	3.01
	25	58.3	1.50	69.4	1.81	81.0	2.13	86.6	2.30	92.1	2.47	103.3	2.81	114.4	3.10
	30	58.3	1.55	69.4	1.86	81.0	2.19	86.6	2.37	92.1	2.55	103.3	2.89	114.4	3.19
	35	58.3	1.59	69.4	1.92	81.0	2.26	86.6	2.44	92.1	2.62	103.3	2.98	114.4	3.29
	40	58.3	1.64	69.4	1.97	81.0	2.33	86.6	2.51	92.1	2.70	103.3	3.07	114.4	3.39
	45	58.3	1.68	69.4	2.02	81.0	2.38	86.6	2.57	92.1	2.77	103.3	3.14	114.4	3.47
	50	58.3	1.72	69.4	2.06	81.0	2.44	86.6	2.63	92.1	2.83	103.3	3.21	114.4	3.55
	55	58.3	1.74	69.4	2.10	81.0	2.48	86.6	2.68	92.1	2.88	103.3	3.27	114.4	3.58
	60	58.3	1.80	69.4	2.18	81.0	2.57	86.6	2.78	92.1	3.00	103.3	3.40	113.5	3.62
	65	58.3	1.83	69.4	2.22	81.0	2.63	86.6	2.84	92.1	3.05	103.3	3.46	112.7	3.80
	70	58.3	1.88	69.4	2.29	81.0	2.72	86.6	3.00	92.1	3.27	103.3	3.86	110.6	4.08
	75	58.3	1.92	69.4	2.39	81.0	2.91	86.6	3.21	92.1	3.52	103.3	4.03	108.9	4.26
	80	58.3	2.15	69.4	2.71	81.0	3.32	86.6	3.66	92.1	4.01	103.3	4.46	105.9	4.64
	85	58.3	2.29	69.4	2.89	81.0	3.56	86.6	3.91	92.1	4.29	102.0	4.69	104.1	4.83
90	58.3	2.58	69.4	3.27	81.0	4.03	86.6	4.45	92.1	4.88	99.0	5.13	101.1	5.21	
95	58.3	2.75	69.4	3.47	81.0	4.30	86.6	4.74	92.1	5.21	97.3	5.33	99.4	5.40	
100	58.3	2.84	69.4	3.62	81.0	4.48	86.6	4.93	92.1	5.32	96.0	5.56	97.7	5.62	
105	58.3	3.29	69.4	4.20	81.0	5.06	86.6	5.40	91.1	5.71	93.0	5.96	94.3	6.03	
110	58.3	3.78	69.4	4.84	81.0	5.55	86.6	5.83	87.4	6.19	88.6	6.40	89.3	6.47	
115	58.3	4.10	69.4	5.25	75.9	5.85	82.1	6.10	83.2	6.39	84.0	6.53	84.4	6.61	
118	58.3	4.35	67.7	5.67	66.0	4.92	71.5	5.18	72.5	5.42	73.2	5.54	72.9	5.61	
122	55.4	4.31	54.3	4.31	52.6	3.74	57.1	3.91	58.1	4.10	58.7	4.20	58.6	4.26	
80%	-9.9	51.9	1.01	61.7	1.21	72.0	1.41	76.7	1.53	81.9	1.65	91.7	1.88	101.6	2.10
	-5	51.9	1.06	61.7	1.28	72.0	1.49	76.7	1.61	81.9	1.74	91.7	1.99	101.6	2.21
	0	51.9	1.10	61.7	1.33	72.0	1.55	76.7	1.68	81.9	1.81	91.7	2.07	101.6	2.30
	5	51.9	1.14	61.7	1.38	72.0	1.60	76.7	1.74	81.9	1.88	91.7	2.14	101.6	2.39
	10	51.9	1.18	61.7	1.42	72.0	1.65	76.7	1.79	81.9	1.93	91.7	2.20	101.6	2.46
	14	51.9	1.22	61.7	1.47	72.0	1.71	76.7	1.86	81.9	2.00	91.7	2.28	101.6	2.54
	20	51.9	1.27	61.7	1.52	72.0	1.78	76.7	1.92	81.9	2.07	91.7	2.37	101.6	2.64
	25	51.9	1.31	61.7	1.57	72.0	1.83	76.7	1.98	81.9	2.13	91.7	2.44	101.6	2.72
	30	51.9	1.34	61.7	1.61	72.0	1.89	76.7	2.04	81.9	2.18	91.7	2.50	101.6	2.81
	35	51.9	1.38	61.7	1.66	72.0	1.95	76.7	2.09	81.9	2.24	91.7	2.57	101.6	2.88
	40	51.9	1.42	61.7	1.70	72.0	2.00	76.7	2.15	81.9	2.30	91.7	2.64	101.6	2.96
	45	51.9	1.44	61.7	1.72	72.0	2.03	76.7	2.19	81.9	2.33	91.7	2.68	101.6	3.00
	50	51.9	1.46	61.7	1.75	72.0	2.05	76.7	2.21	81.9	2.37	91.7	2.72	101.6	3.04
	55	51.9	1.48	61.7	1.78	72.0	2.09	76.7	2.25	81.9	2.41	91.7	2.77	101.6	3.09
	60	51.9	1.53	61.7	1.84	72.0	2.16	76.7	2.33	81.9	2.51	91.7	2.86	101.6	3.22
	65	51.9	1.55	61.7	1.87	72.0	2.21	76.7	2.38	81.9	2.56	91.7	2.92	101.6	3.29
	70	51.9	1.60	61.7	1.92	72.0	2.27	76.7	2.45	81.9	2.67	91.7	3.15	101.6	3.64
	75	51.9	1.63	61.7	1.96	72.0	2.38	76.7	2.61	81.9	2.84	91.7	3.35	101.6	3.84
	80	51.9	1.78	61.7	2.23	72.0	2.72	76.7	2.97	81.9	3.24	91.7	3.85	101.6	4.29
	85	51.9	1.90	61.7	2.37	72.0	2.89	76.7	3.17	81.9	3.47	91.7	4.10	101.6	4.40
90	51.9	2.14	61.7	2.69	72.0	3.27	76.7	3.60	81.9	3.95	91.7	4.51	99.9	4.66	
95	51.9	2.27	61.7	2.84	72.0	3.49	76.7	3.82	81.9	4.20	91.7	4.66	97.8	4.79	
100	51.9	2.45	61.7	3.06	72.0	3.77	76.7	4.09	81.9	4.36	91.7	4.86	95.6	4.95	
105	51.9	2.79	61.7	3.51	72.0	4.19	76.7	4.39	81.9	4.68	90.6	5.05	92.8	5.19	
110	51.9	3.17	61.7	4.00	72.0	4.45	76.7	4.69	81.9	5.04	87.4	5.23	87.9	5.46	
115	51.9	3.39	61.7	4.27	72.0	4.60	76.7	4.93	76.7	5.16	77.2	5.35	77.2	5.68	
118	51.9	3.60	61.7	4.54	66.0	4.92	67.4	4.68	66.8	4.38	67.2	4.54	66.6	4.82	
122	51.9	3.89	54.4	4.28	52.6	3.74	53.8	3.54	53.5	3.31	54.0	3.44	53.6	3.66	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

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COOLING CAPACITY DATA

ARUM096BTE5 / ARUM096DTE5

96,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-9.9	45.4	0.89	54.0	1.06	63.0	1.24	67.3	1.33	71.6	1.42	80.1	1.62	89.1	1.82
	-5	45.4	0.94	54.0	1.11	63.0	1.31	67.3	1.40	71.6	1.50	80.1	1.71	89.1	1.92
	0	45.4	0.98	54.0	1.16	63.0	1.36	67.3	1.46	71.6	1.56	80.1	1.78	89.1	1.99
	5	45.4	1.01	54.0	1.20	63.0	1.41	67.3	1.51	71.6	1.61	80.1	1.85	89.1	2.07
	10	45.4	1.04	54.0	1.24	63.0	1.45	67.3	1.56	71.6	1.66	80.1	1.90	89.1	2.13
	14	45.4	1.08	54.0	1.28	63.0	1.51	67.3	1.61	71.6	1.72	80.1	1.97	89.1	2.20
	20	45.4	1.11	54.0	1.32	63.0	1.55	67.3	1.67	71.6	1.78	80.1	2.03	89.1	2.28
	25	45.4	1.15	54.0	1.36	63.0	1.59	67.3	1.71	71.6	1.83	80.1	2.08	89.1	2.34
	30	45.4	1.18	54.0	1.39	63.0	1.63	67.3	1.76	71.6	1.88	80.1	2.14	89.1	2.40
	35	45.4	1.21	54.0	1.43	63.0	1.68	67.3	1.80	71.6	1.93	80.1	2.19	89.1	2.47
	40	45.4	1.24	54.0	1.47	63.0	1.72	67.3	1.85	71.6	1.98	80.1	2.25	89.1	2.53
	45	45.4	1.26	54.0	1.49	63.0	1.75	67.3	1.88	71.6	2.01	80.1	2.29	89.1	2.57
	50	45.4	1.28	54.0	1.52	63.0	1.78	67.3	1.91	71.6	2.04	80.1	2.32	89.1	2.61
	55	45.4	1.30	54.0	1.55	63.0	1.81	67.3	1.94	71.6	2.08	80.1	2.37	89.1	2.67
	60	45.4	1.34	54.0	1.60	63.0	1.87	67.3	2.01	71.6	2.15	80.1	2.46	89.1	2.77
	65	45.4	1.36	54.0	1.63	63.0	1.90	67.3	2.05	71.6	2.20	80.1	2.50	89.1	2.81
	70	45.4	1.40	54.0	1.67	63.0	1.96	67.3	2.11	71.6	2.27	80.1	2.59	89.1	2.99
	75	45.4	1.42	54.0	1.70	63.0	2.00	67.3	2.18	71.6	2.37	80.1	2.77	89.1	3.17
	80	45.4	1.53	54.0	1.88	63.0	2.27	67.3	2.48	71.6	2.69	80.1	3.06	89.1	3.51
	85	45.4	1.63	54.0	2.00	63.0	2.42	67.3	2.64	71.6	2.89	80.1	3.26	89.1	3.66
	90	45.4	1.83	54.0	2.26	63.0	2.74	67.3	2.99	71.6	3.27	80.1	3.64	89.1	3.97
95	45.4	1.93	54.0	2.40	63.0	2.92	67.3	3.19	71.6	3.47	80.1	3.82	89.1	4.09	
100	45.4	2.09	54.0	2.59	63.0	3.15	67.3	3.44	71.6	3.58	80.1	4.00	89.1	4.21	
105	45.4	2.37	54.0	2.95	63.0	3.47	67.3	3.67	71.6	3.89	80.1	4.22	89.1	4.46	
110	45.4	2.67	54.0	3.35	63.0	3.67	67.3	3.89	71.6	4.21	80.1	4.39	86.6	4.79	
115	45.4	2.86	54.0	3.57	63.0	3.80	67.3	4.12	71.6	4.34	80.1	4.52	81.6	5.10	
118	45.4	3.04	54.0	3.79	63.0	4.03	67.3	4.36	65.1	4.34	67.2	3.84	66.6	4.33	
122	45.4	3.28	54.0	4.11	56.2	3.85	53.8	3.59	52.2	3.28	54.0	2.91	53.6	3.29	
60%	-9.9	39.0	0.77	46.3	0.89	54.0	1.05	57.4	1.12	61.3	1.21	69.0	1.37	76.3	1.53
	-5	39.0	0.81	46.3	0.94	54.0	1.11	57.4	1.18	61.3	1.27	69.0	1.44	76.3	1.61
	0	39.0	0.85	46.3	0.98	54.0	1.15	57.4	1.23	61.3	1.33	69.0	1.50	76.3	1.68
	5	39.0	0.88	46.3	1.02	54.0	1.19	57.4	1.28	61.3	1.37	69.0	1.56	76.3	1.74
	10	39.0	0.90	46.3	1.05	54.0	1.23	57.4	1.31	61.3	1.41	69.0	1.60	76.3	1.79
	14	39.0	0.93	46.3	1.08	54.0	1.27	57.4	1.36	61.3	1.46	69.0	1.66	76.3	1.85
	20	39.0	0.96	46.3	1.12	54.0	1.31	57.4	1.41	61.3	1.51	69.0	1.71	76.3	1.92
	25	39.0	0.99	46.3	1.16	54.0	1.35	57.4	1.45	61.3	1.55	69.0	1.76	76.3	1.97
	30	39.0	1.01	46.3	1.19	54.0	1.38	57.4	1.49	61.3	1.59	69.0	1.80	76.3	2.03
	35	39.0	1.03	46.3	1.22	54.0	1.42	57.4	1.52	61.3	1.63	69.0	1.85	76.3	2.08
	40	39.0	1.06	46.3	1.25	54.0	1.46	57.4	1.56	61.3	1.67	69.0	1.90	76.3	2.13
	45	39.0	1.07	46.3	1.26	54.0	1.47	57.4	1.58	61.3	1.69	69.0	1.91	76.3	2.15
	50	39.0	1.08	46.3	1.27	54.0	1.48	57.4	1.59	61.3	1.70	69.0	1.93	76.3	2.17
	55	39.0	1.10	46.3	1.30	54.0	1.51	57.4	1.62	61.3	1.73	69.0	1.97	76.3	2.21
	60	39.0	1.13	46.3	1.34	54.0	1.56	57.4	1.68	61.3	1.80	69.0	2.04	76.3	2.29
	65	39.0	1.15	46.3	1.36	54.0	1.59	57.4	1.71	61.3	1.83	69.0	2.08	76.3	2.34
	70	39.0	1.18	46.3	1.40	54.0	1.64	57.4	1.75	61.3	1.88	69.0	2.14	76.3	2.43
	75	39.0	1.20	46.3	1.42	54.0	1.67	57.4	1.79	61.3	1.94	69.0	2.27	76.3	2.59
	80	39.0	1.27	46.3	1.55	54.0	1.87	57.4	2.04	61.3	2.21	69.0	2.54	76.3	2.92
	85	39.0	1.35	46.3	1.65	54.0	1.98	57.4	2.17	61.3	2.36	69.0	2.67	76.3	3.02
	90	39.0	1.52	46.3	1.87	54.0	2.24	57.4	2.45	61.3	2.65	69.0	2.99	76.3	3.29
95	39.0	1.61	46.3	1.98	54.0	2.38	57.4	2.61	61.3	2.81	69.0	3.12	76.3	3.46	
100	39.0	1.72	46.3	2.12	54.0	2.57	57.4	2.81	61.3	2.93	69.0	3.31	76.3	3.61	
105	39.0	1.96	46.3	2.42	54.0	2.84	57.4	3.00	61.3	3.19	69.0	3.52	76.3	3.94	
110	39.0	2.21	46.3	2.75	54.0	3.06	57.4	3.18	61.3	3.45	69.0	3.76	76.3	4.30	
115	39.0	2.36	46.3	2.93	54.0	3.18	57.4	3.37	61.3	3.57	69.0	3.98	76.3	4.59	
118	39.0	2.50	46.3	3.11	54.0	3.38	57.4	3.58	61.3	3.80	67.2	3.84	66.6	4.33	
122	39.0	2.70	46.3	3.36	54.0	3.66	53.6	3.63	51.9	3.36	54.0	2.91	53.6	3.29	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
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COOLING CAPACITY DATA



ARUM096BTE5 / ARUM096DTE5

96,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-9.9	32.4	0.66	38.6	0.78	45.0	0.87	48.0	0.94	51.0	1.01	57.4	1.12	63.4	1.24
	-5	32.4	0.70	38.6	0.82	45.0	0.92	48.0	0.99	51.0	1.07	57.4	1.18	63.4	1.31
	0	32.4	0.73	38.6	0.86	45.0	0.96	48.0	1.03	51.0	1.11	57.4	1.23	63.4	1.37
	5	32.4	0.75	38.6	0.89	45.0	0.99	48.0	1.07	51.0	1.15	57.4	1.28	63.4	1.42
	10	32.4	0.78	38.6	0.91	45.0	1.02	48.0	1.10	51.0	1.18	57.4	1.31	63.4	1.46
	14	32.4	0.80	38.6	0.95	45.0	1.06	48.0	1.14	51.0	1.23	57.4	1.36	63.4	1.51
	20	32.4	0.83	38.6	0.97	45.0	1.10	48.0	1.18	51.0	1.27	57.4	1.41	63.4	1.57
	25	32.4	0.86	38.6	1.00	45.0	1.14	48.0	1.22	51.0	1.30	57.4	1.45	63.4	1.61
	30	32.4	0.88	38.6	1.02	45.0	1.17	48.0	1.25	51.0	1.33	57.4	1.49	63.4	1.66
	35	32.4	0.91	38.6	1.05	45.0	1.20	48.0	1.28	51.0	1.37	57.4	1.54	63.4	1.71
	40	32.4	0.93	38.6	1.08	45.0	1.24	48.0	1.31	51.0	1.40	57.4	1.57	63.4	1.75
	45	32.4	0.94	38.6	1.09	45.0	1.25	48.0	1.33	51.0	1.42	57.4	1.59	63.4	1.77
	50	32.4	0.96	38.6	1.11	45.0	1.27	48.0	1.35	51.0	1.44	57.4	1.62	63.4	1.80
	55	32.4	0.98	38.6	1.13	45.0	1.29	48.0	1.37	51.0	1.46	57.4	1.65	63.4	1.83
	60	32.4	1.00	38.6	1.16	45.0	1.33	48.0	1.42	51.0	1.52	57.4	1.70	63.4	1.90
	65	32.4	1.01	38.6	1.18	45.0	1.35	48.0	1.44	51.0	1.54	57.4	1.73	63.4	1.93
	70	32.4	1.04	38.6	1.20	45.0	1.38	48.0	1.49	51.0	1.58	57.4	1.78	63.4	1.99
	75	32.4	1.05	38.6	1.22	45.0	1.41	48.0	1.51	51.0	1.61	57.4	1.81	63.4	2.03
	80	32.4	1.08	38.6	1.29	45.0	1.52	48.0	1.64	51.0	1.76	57.4	2.02	63.4	2.31
	85	32.4	1.15	38.6	1.36	45.0	1.61	48.0	1.74	51.0	1.87	57.4	2.16	63.4	2.46
	90	32.4	1.28	38.6	1.53	45.0	1.81	48.0	1.95	51.0	2.11	57.4	2.43	63.4	2.79
95	32.4	1.35	38.6	1.62	45.0	1.91	48.0	2.08	51.0	2.24	57.4	2.58	63.4	2.96	
100	32.4	1.42	38.6	1.71	45.0	2.02	48.0	2.20	51.0	2.37	57.4	2.75	63.4	3.14	
105	32.4	1.56	38.6	1.89	45.0	2.24	48.0	2.43	51.0	2.62	57.4	3.04	63.4	3.50	
110	32.4	1.72	38.6	2.09	45.0	2.48	48.0	2.70	51.0	2.92	57.4	3.40	63.4	3.91	
115	32.4	1.84	38.6	2.24	45.0	2.67	48.0	2.90	51.0	3.14	57.4	3.66	63.4	4.21	
118	32.4	1.99	38.6	2.43	45.0	2.90	48.0	3.15	51.0	3.42	57.4	3.84	63.4	4.33	
122	32.4	2.19	38.6	2.68	45.0	3.20	48.0	3.50	51.0	3.36	54.0	2.91	53.6	3.29	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
 Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual



COOLING CAPACITY DATA

ARUM121BTE5 / ARUM121DTE5

120,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130%	-9.9	109.1	2.47	129.6	3.00	150.7	3.56	156.2	3.84	158.4	4.15	163.9	4.75	167.8	4.91
	-5	109.1	2.61	129.6	3.17	150.7	3.76	156.2	4.05	158.4	4.37	163.9	5.01	167.8	5.18
	0	109.1	2.71	129.6	3.29	150.7	3.91	156.2	4.22	158.4	4.55	163.9	5.22	167.8	5.39
	5	109.1	2.81	129.6	3.41	150.7	4.05	156.2	4.37	158.4	4.72	163.9	5.41	167.8	5.59
	10	109.1	2.89	129.6	3.51	150.7	4.17	156.2	4.50	158.4	4.85	163.9	5.56	167.8	5.75
	14	109.1	3.00	129.6	3.64	150.7	4.32	156.2	4.66	158.4	5.03	163.9	5.76	167.8	5.95
	20	109.1	3.05	129.6	3.70	150.7	4.38	156.2	4.73	158.4	5.10	163.9	5.84	167.8	6.04
	25	109.1	3.09	129.6	3.74	150.7	4.43	156.2	4.79	158.4	5.16	163.9	5.91	167.8	6.11
	30	109.1	3.14	129.6	3.79	150.7	4.49	156.2	4.85	158.4	5.21	163.9	5.98	167.8	6.18
	35	109.1	3.17	129.6	3.84	150.7	4.54	156.2	4.90	158.4	5.28	163.9	6.05	167.8	6.26
	40	109.1	3.21	129.6	3.88	150.7	4.59	156.2	4.97	158.4	5.34	163.9	6.12	167.8	6.33
	45	109.1	3.24	129.6	3.92	150.7	4.64	156.2	5.02	158.4	5.39	163.9	6.18	167.8	6.40
	50	109.1	3.28	129.6	3.96	150.7	4.69	156.2	5.07	158.4	5.45	163.9	6.24	167.8	6.46
	55	109.1	3.33	129.6	4.04	150.7	4.78	154.0	5.18	156.2	5.56	161.7	6.35	165.6	6.51
	60	109.1	3.44	129.6	4.18	148.5	4.98	150.6	5.38	152.3	5.77	157.8	6.55	161.7	6.58
	65	109.1	3.51	129.6	4.27	146.2	5.07	148.5	5.48	150.1	5.88	155.5	6.77	159.4	6.82
	70	109.1	3.38	129.6	4.10	143.5	5.05	145.1	5.56	147.3	6.10	152.7	6.77	156.7	6.84
	75	109.1	3.46	129.6	4.38	141.3	5.41	142.9	5.96	145.1	6.54	150.5	7.09	154.4	7.15
	80	109.1	3.94	129.6	4.98	137.4	6.18	139.0	6.82	141.3	7.50	146.6	7.70	150.5	7.77
	85	109.1	4.19	129.6	5.32	135.2	6.61	137.4	7.28	139.0	7.96	144.3	8.02	148.3	8.09
	90	109.1	4.75	127.4	6.05	131.3	7.50	132.9	8.29	135.2	8.58	140.4	8.65	144.3	8.73
	95	110.3	5.03	126.5	6.44	130.4	8.01	132.7	8.85	134.4	8.89	139.7	8.97	143.6	9.05
	100	110.3	5.45	124.3	6.96	128.2	8.68	130.4	9.32	132.1	9.37	138.0	9.45	141.9	9.54
	105	110.3	6.14	121.0	7.88	124.8	9.79	126.8	10.02	128.7	10.07	133.2	10.16	135.1	10.26
110	110.3	6.90	115.9	8.88	120.8	10.68	121.2	10.73	122.9	10.77	125.5	10.87	126.0	10.98	
115	109.7	7.98	111.7	10.21	111.7	11.26	111.7	11.26	111.7	11.26	113.3	11.28	113.8	11.30	
118	95.4	6.76	97.1	8.65	97.3	9.47	97.3	9.55	97.3	9.55	98.7	9.57	98.3	9.59	
122	76.2	5.13	77.9	6.58	77.5	7.21	77.7	7.22	77.9	7.23	79.2	7.25	79.1	7.28	
120%	-9.9	99.3	2.33	118.5	2.82	137.7	3.34	147.6	3.61	154.2	3.89	161.2	4.46	164.5	4.61
	-5	99.3	2.46	118.5	2.98	137.7	3.53	147.6	3.80	154.2	4.10	161.2	4.70	164.5	4.86
	0	99.3	2.56	118.5	3.10	137.7	3.67	147.6	3.96	154.2	4.27	161.2	4.89	164.5	5.06
	5	99.3	2.65	118.5	3.21	137.7	3.80	147.6	4.10	154.2	4.42	161.2	5.07	164.5	5.24
	10	99.3	2.73	118.5	3.31	137.7	3.91	147.6	4.22	154.2	4.55	161.2	5.22	164.5	5.39
	14	99.3	2.83	118.5	3.43	137.7	4.06	147.6	4.37	154.2	4.72	161.2	5.41	164.5	5.59
	20	99.3	2.87	118.5	3.48	137.7	4.11	147.6	4.44	154.2	4.78	161.2	5.48	164.5	5.67
	25	99.3	2.91	118.5	3.52	137.7	4.16	147.6	4.50	154.2	4.84	161.2	5.55	164.5	5.74
	30	99.3	2.94	118.5	3.56	137.7	4.21	147.6	4.55	154.2	4.89	161.2	5.61	164.5	5.80
	35	99.3	2.98	118.5	3.60	137.7	4.26	147.6	4.61	154.2	4.95	161.2	5.68	164.5	5.88
	40	99.3	3.02	118.5	3.65	137.7	4.32	147.6	4.67	154.2	5.02	161.2	5.75	164.5	5.95
	45	99.3	3.05	118.5	3.69	137.7	4.37	147.6	4.72	154.2	5.07	161.2	5.81	164.5	6.02
	50	99.3	3.09	118.5	3.73	137.7	4.41	147.6	4.77	154.2	5.13	161.2	5.88	164.5	6.08
	55	99.3	3.14	118.5	3.80	137.7	4.50	147.6	4.87	152.5	5.23	158.9	5.98	162.8	6.13
	60	99.3	3.24	118.5	3.94	137.7	4.69	146.5	5.06	148.1	5.44	155.0	6.17	158.4	6.28
	65	99.3	3.31	118.5	4.02	137.7	4.77	144.3	5.16	146.5	5.54	152.8	6.37	156.7	6.43
	70	99.3	3.24	118.5	3.94	137.7	4.85	141.5	5.34	143.2	5.85	150.0	6.50	153.3	6.57
	75	99.3	3.32	118.5	4.20	137.7	5.19	139.4	5.72	141.5	6.28	147.7	6.81	151.7	6.86
	80	99.3	3.78	118.5	4.78	133.9	5.94	135.5	6.55	137.2	7.20	143.8	7.39	147.2	7.46
	85	99.3	4.02	118.5	5.11	131.7	6.34	133.3	6.99	135.5	7.64	141.6	7.70	145.5	7.77
	90	99.3	4.56	118.5	5.81	127.8	7.20	129.5	7.96	131.1	8.24	137.7	8.30	141.0	8.38
	95	100.3	4.83	119.8	6.18	127.0	7.69	128.6	8.50	130.8	8.53	136.8	8.61	140.8	8.69
	100	100.3	5.23	119.8	6.68	124.7	8.33	127.0	8.94	128.6	8.99	135.2	9.08	138.5	9.16
	105	100.3	5.89	117.8	7.57	121.4	9.40	123.4	9.62	125.0	9.67	131.2	9.75	133.4	9.84
110	100.3	6.62	114.8	8.52	118.6	10.25	118.9	10.30	120.7	10.34	124.4	10.44	124.9	10.54	
115	97.6	7.66	110.6	9.80	110.6	10.81	110.6	10.81	110.6	10.81	113.4	10.83	113.9	10.85	
118	87.1	6.76	96.2	8.30	96.3	9.09	96.3	9.17	96.3	9.17	98.7	9.19	98.3	9.20	
122	69.6	5.13	77.2	6.31	76.8	6.92	77.0	6.93	77.2	6.94	79.3	6.96	79.1	6.99	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA



ARUM121BTE5 / ARUM121DTE5

120,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110%	-9.9	92.0	2.14	109.8	2.59	127.5	3.07	136.4	3.32	145.3	3.56	160.0	4.06	163.4	4.22
	-5	92.0	2.26	109.8	2.73	127.5	3.24	136.4	3.51	145.3	3.76	160.0	4.29	163.4	4.45
	0	92.0	2.35	109.8	2.84	127.5	3.37	136.4	3.65	145.3	3.91	160.0	4.46	163.4	4.63
	5	92.0	2.44	109.8	2.94	127.5	3.49	136.4	3.78	145.3	4.05	160.0	4.62	163.4	4.80
	10	92.0	2.51	109.8	3.03	127.5	3.59	136.4	3.89	145.3	4.17	160.0	4.76	163.4	4.93
	14	92.0	2.60	109.8	3.14	127.5	3.72	136.4	4.03	145.3	4.32	160.0	4.93	163.4	5.11
	20	92.0	2.64	109.8	3.19	127.5	3.77	136.4	4.09	145.3	4.39	160.0	5.01	163.4	5.19
	25	92.0	2.67	109.8	3.23	127.5	3.82	136.4	4.13	145.3	4.44	160.0	5.08	163.4	5.26
	30	92.0	2.70	109.8	3.27	127.5	3.87	136.4	4.18	145.3	4.50	160.0	5.15	163.4	5.32
	35	92.0	2.74	109.8	3.32	127.5	3.92	136.4	4.24	145.3	4.56	160.0	5.23	163.4	5.41
	40	92.0	2.78	109.8	3.36	127.5	3.98	136.4	4.30	145.3	4.62	160.0	5.30	163.4	5.48
	45	92.0	2.83	109.8	3.42	127.5	4.04	136.4	4.37	145.3	4.70	160.0	5.39	163.4	5.57
	50	92.0	2.87	109.8	3.48	127.5	4.11	136.4	4.44	145.3	4.78	160.0	5.48	163.4	5.66
	55	92.0	2.92	109.8	3.54	127.5	4.19	136.4	4.54	145.3	4.87	157.8	5.57	161.2	5.71
	60	92.0	3.02	109.8	3.67	127.5	4.36	136.4	4.71	145.3	5.06	153.8	5.75	157.2	5.80
	65	92.0	3.08	109.8	3.75	127.5	4.44	136.4	4.81	145.3	5.16	151.6	5.94	154.9	5.98
	70	92.0	3.11	109.8	3.78	127.5	4.65	136.4	5.12	142.5	5.61	148.7	6.24	152.1	6.30
	75	92.0	3.19	109.8	4.03	127.5	4.98	136.4	5.49	140.3	6.02	146.5	6.53	149.9	6.58
	80	91.1	3.62	108.7	4.59	126.2	5.69	133.3	6.28	135.0	6.90	141.0	7.09	144.4	7.15
	85	91.1	3.86	108.7	4.90	126.2	6.08	131.1	6.70	132.8	7.32	138.8	7.39	142.2	7.45
90	91.1	4.37	108.7	5.57	125.7	6.90	127.3	7.63	129.0	7.90	134.9	7.96	138.3	8.04	
95	91.1	4.63	108.7	5.92	123.5	7.37	125.1	8.15	126.8	8.18	132.7	8.26	136.0	8.33	
100	91.1	5.02	108.7	6.41	121.8	7.99	123.5	8.58	125.1	8.62	131.0	8.70	134.3	8.78	
105	91.1	5.65	108.7	7.25	118.0	9.02	119.7	9.23	121.3	9.27	127.1	9.35	130.4	9.44	
110	91.1	6.35	108.7	8.17	114.4	9.83	114.7	9.88	116.4	9.91	120.0	10.01	120.5	10.10	
115	91.1	7.35	108.7	9.40	109.5	10.36	109.5	10.36	110.0	10.36	112.2	10.38	112.7	10.40	
118	88.0	6.69	94.5	7.96	95.3	8.71	95.3	8.79	95.8	8.79	97.7	8.81	97.3	8.82	
122	70.3	5.08	75.8	6.05	76.0	6.63	76.2	6.65	76.7	6.66	78.4	6.68	78.3	6.70	
100%	-9.9	80.9	1.89	96.4	2.28	112.0	2.70	120.0	2.94	131.9	3.18	147.9	3.67	156.2	3.82
	-5	80.9	1.99	96.4	2.40	112.0	2.85	120.0	3.10	131.9	3.36	147.9	3.87	156.2	4.03
	0	80.9	2.07	96.4	2.50	112.0	2.96	120.0	3.23	131.9	3.49	147.9	4.03	156.2	4.20
	5	80.9	2.15	96.4	2.59	112.0	3.07	120.0	3.34	131.9	3.62	147.9	4.18	156.2	4.35
	10	80.9	2.21	96.4	2.66	112.0	3.16	120.0	3.44	131.9	3.72	147.9	4.30	156.2	4.47
	14	80.9	2.29	96.4	2.76	112.0	3.27	120.0	3.57	131.9	3.86	147.9	4.45	156.2	4.64
	20	80.9	2.36	96.4	2.85	112.0	3.38	120.0	3.67	131.9	3.98	147.9	4.58	156.2	4.77
	25	80.9	2.42	96.4	2.93	112.0	3.46	120.0	3.75	131.9	4.08	147.9	4.69	156.2	4.88
	30	80.9	2.48	96.4	3.00	112.0	3.55	120.0	3.84	131.9	4.19	147.9	4.80	156.2	4.99
	35	80.9	2.52	96.4	3.05	112.0	3.61	120.0	3.90	131.9	4.25	147.9	4.88	156.2	5.07
	40	80.9	2.56	96.4	3.10	112.0	3.66	120.0	3.96	131.9	4.32	147.9	4.95	156.2	5.15
	45	80.9	2.62	96.4	3.17	112.0	3.74	120.0	4.05	131.9	4.41	147.9	5.06	156.2	5.26
	50	80.9	2.67	96.4	3.23	112.0	3.82	120.0	4.13	131.9	4.50	147.9	5.16	156.2	5.36
	55	80.9	2.71	96.4	3.29	112.0	3.89	120.0	4.21	131.9	4.59	147.9	5.25	154.5	5.44
	60	80.9	2.80	96.4	3.40	112.0	4.05	120.0	4.38	131.9	4.77	147.3	5.41	150.1	5.54
	65	80.9	2.86	96.4	3.48	112.0	4.13	120.0	4.46	131.9	4.86	145.1	5.59	148.4	5.70
	70	80.9	2.95	96.4	3.58	112.0	4.41	120.0	4.85	131.9	5.40	142.4	6.00	145.1	6.10
	75	80.9	3.02	96.4	3.82	112.0	4.71	120.0	5.20	131.9	5.79	140.2	6.28	143.5	6.36
	80	80.9	3.43	96.4	4.35	112.0	5.39	120.0	5.95	131.9	6.64	136.3	6.82	139.1	6.91
	85	80.9	3.65	96.4	4.64	112.0	5.76	120.0	6.35	131.3	7.04	134.1	7.10	137.4	7.20
90	80.9	4.14	96.4	5.27	112.0	6.54	120.0	7.23	126.9	7.60	130.2	7.66	133.0	7.77	
95	80.9	4.39	96.4	5.61	112.0	6.98	120.0	7.72	125.3	7.87	128.0	7.94	131.3	8.05	
100	80.9	4.74	96.4	6.06	112.0	7.55	117.9	8.11	123.1	8.27	126.3	8.35	129.2	8.47	
105	80.9	5.33	96.4	6.82	111.4	8.49	114.6	8.69	119.4	8.86	122.5	8.94	125.5	9.06	
110	80.9	5.95	96.4	7.66	110.1	9.22	112.6	9.26	114.8	9.43	116.7	9.53	118.8	9.66	
115	80.9	6.84	96.4	8.75	104.8	9.65	108.0	9.65	110.7	9.79	111.7	9.81	112.2	9.88	
118	80.9	6.90	84.6	8.21	91.2	8.11	94.0	8.19	96.4	8.31	97.3	8.33	96.9	8.38	
122	69.2	6.25	67.8	6.24	72.7	6.18	75.1	6.19	77.2	6.29	78.1	6.31	78.0	6.37	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50-130%.
 Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.



COOLING CAPACITY DATA

ARUM121BTE5 / ARUM121DTE5

120,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	-9.9	72.9	1.68	86.8	2.02	101.3	2.38	108.2	2.56	115.2	2.74	129.1	3.15	143.0	3.46
	-5	72.9	1.78	86.8	2.13	101.3	2.51	108.2	2.70	115.2	2.89	129.1	3.33	143.0	3.65
	0	72.9	1.85	86.8	2.21	101.3	2.62	108.2	2.81	115.2	3.01	129.1	3.46	143.0	3.80
	5	72.9	1.92	86.8	2.29	101.3	2.71	108.2	2.92	115.2	3.12	129.1	3.59	143.0	3.94
	10	72.9	1.97	86.8	2.36	101.3	2.79	108.2	3.00	115.2	3.20	129.1	3.69	143.0	4.05
	14	72.9	2.04	86.8	2.45	101.3	2.89	108.2	3.11	115.2	3.32	129.1	3.82	143.0	4.20
	20	72.9	2.12	86.8	2.54	101.3	3.00	108.2	3.23	115.2	3.46	129.1	3.96	143.0	4.36
	25	72.9	2.18	86.8	2.62	101.3	3.09	108.2	3.33	115.2	3.57	129.1	4.08	143.0	4.49
	30	72.9	2.24	86.8	2.69	101.3	3.18	108.2	3.43	115.2	3.69	129.1	4.19	143.0	4.63
	35	72.9	2.31	86.8	2.78	101.3	3.27	108.2	3.53	115.2	3.80	129.1	4.32	143.0	4.77
	40	72.9	2.38	86.8	2.86	101.3	3.37	108.2	3.64	115.2	3.91	129.1	4.45	143.0	4.91
	45	72.9	2.43	86.8	2.93	101.3	3.45	108.2	3.72	115.2	4.01	129.1	4.55	143.0	5.03
	50	72.9	2.48	86.8	2.99	101.3	3.53	108.2	3.80	115.2	4.09	129.1	4.65	143.0	5.14
	55	72.9	2.52	86.8	3.04	101.3	3.59	108.2	3.88	115.2	4.17	129.1	4.74	143.0	5.18
	60	72.9	2.61	86.8	3.16	101.3	3.73	108.2	4.03	115.2	4.34	129.1	4.93	141.8	5.24
	65	72.9	2.65	86.8	3.22	101.3	3.80	108.2	4.11	115.2	4.42	129.1	5.02	140.9	5.50
	70	72.9	2.73	86.8	3.31	101.3	3.94	108.2	4.34	115.2	4.74	129.1	5.60	138.2	5.91
	75	72.9	2.78	86.8	3.47	101.3	4.22	108.2	4.65	115.2	5.09	129.1	5.84	136.1	6.18
	80	72.9	3.11	86.8	3.93	101.3	4.82	108.2	5.31	115.2	5.81	129.1	6.45	132.3	6.72
	85	72.9	3.31	86.8	4.19	101.3	5.15	108.2	5.66	115.2	6.21	127.5	6.80	130.2	6.99
90	72.9	3.74	86.8	4.74	101.3	5.84	108.2	6.44	115.2	7.07	123.8	7.44	126.4	7.55	
95	72.9	3.99	86.8	5.03	101.3	6.23	108.2	6.87	115.2	7.55	121.6	7.72	124.3	7.83	
100	72.9	4.12	86.8	5.24	101.3	6.49	108.2	7.14	115.2	7.71	120.0	8.05	122.1	8.14	
105	72.9	4.77	86.8	6.08	101.3	7.33	108.2	7.82	113.9	8.27	116.3	8.63	117.8	8.74	
110	72.9	5.48	86.8	7.02	101.3	8.05	108.2	8.44	109.3	8.97	110.7	9.27	111.6	9.38	
115	72.9	5.93	86.8	7.61	94.8	8.47	102.6	8.83	104.1	9.25	105.0	9.45	105.5	9.58	
118	72.9	6.30	84.6	8.21	82.6	7.12	89.3	7.50	90.6	7.85	91.4	8.02	91.1	8.12	
122	69.2	6.25	67.8	6.24	65.8	5.42	71.4	5.67	72.6	5.94	73.4	6.08	73.3	6.17	
80%	-9.9	64.8	1.46	77.1	1.76	90.0	2.04	95.9	2.22	102.3	2.39	114.6	2.73	127.0	3.04
	-5	64.8	1.54	77.1	1.85	90.0	2.15	95.9	2.34	102.3	2.52	114.6	2.88	127.0	3.21
	0	64.8	1.60	77.1	1.93	90.0	2.24	95.9	2.43	102.3	2.62	114.6	2.99	127.0	3.33
	5	64.8	1.66	77.1	2.00	90.0	2.32	95.9	2.52	102.3	2.72	114.6	3.10	127.0	3.46
	10	64.8	1.71	77.1	2.06	90.0	2.39	95.9	2.59	102.3	2.80	114.6	3.19	127.0	3.56
	14	64.8	1.77	77.1	2.13	90.0	2.47	95.9	2.69	102.3	2.90	114.6	3.31	127.0	3.68
	20	64.8	1.84	77.1	2.21	90.0	2.57	95.9	2.79	102.3	3.00	114.6	3.43	127.0	3.83
	25	64.8	1.89	77.1	2.27	90.0	2.66	95.9	2.87	102.3	3.08	114.6	3.53	127.0	3.94
	30	64.8	1.95	77.1	2.33	90.0	2.74	95.9	2.96	102.3	3.16	114.6	3.63	127.0	4.06
	35	64.8	2.00	77.1	2.40	90.0	2.82	95.9	3.03	102.3	3.25	114.6	3.73	127.0	4.18
	40	64.8	2.06	77.1	2.46	90.0	2.89	95.9	3.12	102.3	3.34	114.6	3.83	127.0	4.29
	45	64.8	2.08	77.1	2.49	90.0	2.93	95.9	3.17	102.3	3.38	114.6	3.88	127.0	4.35
	50	64.8	2.11	77.1	2.53	90.0	2.97	95.9	3.21	102.3	3.43	114.6	3.94	127.0	4.41
	55	64.8	2.14	77.1	2.57	90.0	3.02	95.9	3.26	102.3	3.50	114.6	4.01	127.0	4.48
	60	64.8	2.22	77.1	2.66	90.0	3.13	95.9	3.38	102.3	3.63	114.6	4.15	127.0	4.66
	65	64.8	2.25	77.1	2.71	90.0	3.20	95.9	3.44	102.3	3.71	114.6	4.22	127.0	4.77
	70	64.8	2.32	77.1	2.79	90.0	3.29	95.9	3.55	102.3	3.86	114.6	4.56	127.0	5.28
	75	64.8	2.36	77.1	2.84	90.0	3.45	95.9	3.78	102.3	4.12	114.6	4.85	127.0	5.56
	80	64.8	2.58	77.1	3.23	90.0	3.94	95.9	4.30	102.3	4.70	114.6	5.58	127.0	6.21
	85	64.8	2.76	77.1	3.43	90.0	4.19	95.9	4.59	102.3	5.03	114.6	5.94	127.0	6.38
90	64.8	3.10	77.1	3.89	90.0	4.74	95.9	5.21	102.3	5.71	114.6	6.53	124.9	6.76	
95	64.8	3.29	77.1	4.12	90.0	5.06	95.9	5.53	102.3	6.08	114.6	6.76	122.2	6.94	
100	64.8	3.55	77.1	4.44	90.0	5.46	95.9	5.93	102.3	6.32	114.6	7.03	119.5	7.16	
105	64.8	4.05	77.1	5.08	90.0	6.08	95.9	6.36	102.3	6.78	113.3	7.31	116.0	7.52	
110	64.8	4.59	77.1	5.79	90.0	6.45	95.9	6.79	102.3	7.30	109.3	7.58	109.8	7.91	
115	64.8	4.91	77.1	6.19	90.0	6.66	95.9	7.14	95.9	7.47	96.5	7.75	96.5	8.22	
118	64.8	5.21	77.1	6.58	82.6	7.12	84.2	6.78	83.5	6.34	84.0	6.58	83.3	6.98	
122	64.8	5.64	68.1	6.20	65.8	5.42	67.3	5.13	66.9	4.80	67.5	4.99	67.0	5.30	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50-130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA



ARUM121BTE5 / ARUM121DTE5

120,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-9.9	56.8	1.29	67.5	1.53	78.8	1.80	84.1	1.93	89.5	2.05	100.2	2.35	111.4	2.63
	-5	56.8	1.36	67.5	1.61	78.8	1.90	84.1	2.03	89.5	2.17	100.2	2.48	111.4	2.78
	0	56.8	1.41	67.5	1.68	78.8	1.98	84.1	2.11	89.5	2.25	100.2	2.58	111.4	2.89
	5	56.8	1.46	67.5	1.74	78.8	2.05	84.1	2.19	89.5	2.34	100.2	2.68	111.4	2.99
	10	56.8	1.51	67.5	1.79	78.8	2.11	84.1	2.26	89.5	2.40	100.2	2.75	111.4	3.08
	14	56.8	1.56	67.5	1.86	78.8	2.18	84.1	2.34	89.5	2.49	100.2	2.85	111.4	3.19
	20	56.8	1.61	67.5	1.92	78.8	2.25	84.1	2.41	89.5	2.58	100.2	2.94	111.4	3.30
	25	56.8	1.66	67.5	1.97	78.8	2.31	84.1	2.48	89.5	2.65	100.2	3.02	111.4	3.39
	30	56.8	1.70	67.5	2.02	78.8	2.36	84.1	2.54	89.5	2.72	100.2	3.09	111.4	3.48
	35	56.8	1.75	67.5	2.08	78.8	2.43	84.1	2.61	89.5	2.79	100.2	3.17	111.4	3.57
	40	56.8	1.80	67.5	2.13	78.8	2.49	84.1	2.68	89.5	2.86	100.2	3.26	111.4	3.66
	45	56.8	1.82	67.5	2.16	78.8	2.53	84.1	2.73	89.5	2.91	100.2	3.31	111.4	3.72
	50	56.8	1.85	67.5	2.20	78.8	2.57	84.1	2.77	89.5	2.96	100.2	3.37	111.4	3.78
	55	56.8	1.89	67.5	2.24	78.8	2.62	84.1	2.81	89.5	3.01	100.2	3.43	111.4	3.86
	60	56.8	1.94	67.5	2.32	78.8	2.71	84.1	2.92	89.5	3.12	100.2	3.56	111.4	4.01
	65	56.8	1.97	67.5	2.36	78.8	2.76	84.1	2.97	89.5	3.18	100.2	3.62	111.4	4.07
	70	56.8	2.03	67.5	2.42	78.8	2.84	84.1	3.06	89.5	3.28	100.2	3.75	111.4	4.33
	75	56.8	2.06	67.5	2.47	78.8	2.90	84.1	3.16	89.5	3.43	100.2	4.01	111.4	4.59
	80	56.8	2.22	67.5	2.72	78.8	3.29	84.1	3.59	89.5	3.89	100.2	4.43	111.4	5.09
	85	56.8	2.36	67.5	2.90	78.8	3.51	84.1	3.83	89.5	4.19	100.2	4.72	111.4	5.30
90	56.8	2.65	67.5	3.27	78.8	3.97	84.1	4.33	89.5	4.74	100.2	5.27	111.4	5.76	
95	56.8	2.80	67.5	3.47	78.8	4.22	84.1	4.62	89.5	5.03	100.2	5.54	111.4	5.93	
100	56.8	3.02	67.5	3.75	78.8	4.56	84.1	4.99	89.5	5.18	100.2	5.80	111.4	6.10	
105	56.8	3.43	67.5	4.28	78.8	5.03	84.1	5.32	89.5	5.63	100.2	6.11	111.4	6.45	
110	56.8	3.86	67.5	4.85	78.8	5.32	84.1	5.64	89.5	6.10	100.2	6.36	108.2	6.94	
115	56.8	4.15	67.5	5.17	78.8	5.50	84.1	5.96	89.5	6.28	100.2	6.55	102.0	7.39	
118	56.8	4.41	67.5	5.49	78.8	5.84	84.1	6.32	81.4	6.28	84.0	5.56	83.3	6.27	
122	56.8	4.75	67.5	5.95	70.3	5.58	67.2	5.19	65.2	4.75	67.5	4.22	67.0	4.76	
60%	-9.9	48.8	1.12	57.9	1.30	67.5	1.52	71.8	1.62	76.6	1.75	86.3	1.98	95.4	2.21
	-5	48.8	1.18	57.9	1.37	67.5	1.60	71.8	1.71	76.6	1.85	86.3	2.09	95.4	2.34
	0	48.8	1.22	57.9	1.42	67.5	1.67	71.8	1.78	76.6	1.92	86.3	2.17	95.4	2.43
	5	48.8	1.27	57.9	1.47	67.5	1.73	71.8	1.85	76.6	1.99	86.3	2.25	95.4	2.52
	10	48.8	1.31	57.9	1.52	67.5	1.78	71.8	1.90	76.6	2.05	86.3	2.32	95.4	2.59
	14	48.8	1.35	57.9	1.57	67.5	1.84	71.8	1.97	76.6	2.12	86.3	2.40	95.4	2.69
	20	48.8	1.39	57.9	1.63	67.5	1.90	71.8	2.04	76.6	2.19	86.3	2.48	95.4	2.78
	25	48.8	1.43	57.9	1.68	67.5	1.95	71.8	2.10	76.6	2.25	86.3	2.55	95.4	2.86
	30	48.8	1.46	57.9	1.72	67.5	2.00	71.8	2.15	76.6	2.30	86.3	2.61	95.4	2.93
	35	48.8	1.50	57.9	1.77	67.5	2.05	71.8	2.21	76.6	2.36	86.3	2.68	95.4	3.01
	40	48.8	1.54	57.9	1.81	67.5	2.11	71.8	2.27	76.6	2.42	86.3	2.75	95.4	3.09
	45	48.8	1.55	57.9	1.83	67.5	2.12	71.8	2.29	76.6	2.45	86.3	2.77	95.4	3.11
	50	48.8	1.57	57.9	1.84	67.5	2.14	71.8	2.31	76.6	2.47	86.3	2.80	95.4	3.14
	55	48.8	1.59	57.9	1.88	67.5	2.19	71.8	2.35	76.6	2.51	86.3	2.85	95.4	3.20
	60	48.8	1.64	57.9	1.94	67.5	2.26	71.8	2.43	76.6	2.61	86.3	2.95	95.4	3.32
	65	48.8	1.66	57.9	1.97	67.5	2.31	71.8	2.48	76.6	2.65	86.3	3.01	95.4	3.39
	70	48.8	1.70	57.9	2.03	67.5	2.37	71.8	2.54	76.6	2.72	86.3	3.10	95.4	3.52
	75	48.8	1.74	57.9	2.06	67.5	2.41	71.8	2.59	76.6	2.81	86.3	3.28	95.4	3.75
	80	48.8	1.84	57.9	2.25	67.5	2.70	71.8	2.95	76.6	3.20	86.3	3.68	95.4	4.23
	85	48.8	1.96	57.9	2.39	67.5	2.87	71.8	3.14	76.6	3.42	86.3	3.87	95.4	4.37
90	48.8	2.20	57.9	2.70	67.5	3.25	71.8	3.55	76.6	3.84	86.3	4.33	95.4	4.76	
95	48.8	2.33	57.9	2.86	67.5	3.45	71.8	3.78	76.6	4.07	86.3	4.52	95.4	5.02	
100	48.8	2.50	57.9	3.08	67.5	3.72	71.8	4.07	76.6	4.25	86.3	4.80	95.4	5.23	
105	48.8	2.84	57.9	3.50	67.5	4.11	71.8	4.35	76.6	4.62	86.3	5.10	95.4	5.71	
110	48.8	3.20	57.9	3.98	67.5	4.43	71.8	4.61	76.6	5.00	86.3	5.45	95.4	6.22	
115	48.8	3.42	57.9	4.25	67.5	4.60	71.8	4.88	76.6	5.17	86.3	5.76	95.4	6.65	
118	48.8	3.62	57.9	4.50	67.5	4.89	71.8	5.18	76.6	5.51	84.0	5.56	83.3	6.27	
122	48.8	3.90	57.9	4.87	67.5	5.30	67.0	5.26	64.9	4.87	67.5	4.22	67.0	4.76	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.



COOLING CAPACITY DATA

ARUM121BTE5 / ARUM121DTE5

120,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-9.9	40.5	0.96	48.2	1.13	56.3	1.26	60.0	1.36	63.8	1.47	71.8	1.63	79.3	1.80
	-5	40.5	1.01	48.2	1.19	56.3	1.33	60.0	1.44	63.8	1.55	71.8	1.72	79.3	1.90
	0	40.5	1.05	48.2	1.24	56.3	1.39	60.0	1.49	63.8	1.61	71.8	1.78	79.3	1.98
	5	40.5	1.09	48.2	1.28	56.3	1.44	60.0	1.55	63.8	1.67	71.8	1.85	79.3	2.05
	10	40.5	1.12	48.2	1.32	56.3	1.48	60.0	1.59	63.8	1.71	71.8	1.90	79.3	2.11
	14	40.5	1.16	48.2	1.37	56.3	1.53	60.0	1.65	63.8	1.78	71.8	1.97	79.3	2.19
	20	40.5	1.21	48.2	1.41	56.3	1.60	60.0	1.71	63.8	1.84	71.8	2.04	79.3	2.27
	25	40.5	1.24	48.2	1.45	56.3	1.65	60.0	1.76	63.8	1.88	71.8	2.10	79.3	2.34
	30	40.5	1.28	48.2	1.48	56.3	1.70	60.0	1.81	63.8	1.93	71.8	2.16	79.3	2.41
	35	40.5	1.31	48.2	1.52	56.3	1.74	60.0	1.86	63.8	1.98	71.8	2.22	79.3	2.47
	40	40.5	1.35	48.2	1.56	56.3	1.79	60.0	1.90	63.8	2.03	71.8	2.28	79.3	2.53
	45	40.5	1.37	48.2	1.58	56.3	1.81	60.0	1.93	63.8	2.06	71.8	2.31	79.3	2.57
	50	40.5	1.38	48.2	1.61	56.3	1.84	60.0	1.96	63.8	2.09	71.8	2.34	79.3	2.61
	55	40.5	1.41	48.2	1.64	56.3	1.87	60.0	1.99	63.8	2.12	71.8	2.39	79.3	2.65
	60	40.5	1.44	48.2	1.68	56.3	1.93	60.0	2.06	63.8	2.20	71.8	2.46	79.3	2.76
	65	40.5	1.46	48.2	1.71	56.3	1.96	60.0	2.09	63.8	2.22	71.8	2.50	79.3	2.80
	70	40.5	1.50	48.2	1.74	56.3	2.00	60.0	2.15	63.8	2.28	71.8	2.58	79.3	2.89
	75	40.5	1.52	48.2	1.77	56.3	2.05	60.0	2.18	63.8	2.33	71.8	2.62	79.3	2.95
	80	40.5	1.56	48.2	1.87	56.3	2.20	60.0	2.37	63.8	2.55	71.8	2.93	79.3	3.34
	85	40.5	1.66	48.2	1.97	56.3	2.33	60.0	2.52	63.8	2.71	71.8	3.12	79.3	3.57
	90	40.5	1.86	48.2	2.21	56.3	2.62	60.0	2.83	63.8	3.05	71.8	3.52	79.3	4.04
95	40.5	1.96	48.2	2.34	56.3	2.77	60.0	3.01	63.8	3.24	71.8	3.74	79.3	4.29	
100	40.5	2.06	48.2	2.48	56.3	2.93	60.0	3.18	63.8	3.43	71.8	3.98	79.3	4.55	
105	40.5	2.25	48.2	2.73	56.3	3.24	60.0	3.51	63.8	3.80	71.8	4.41	79.3	5.06	
110	40.5	2.49	48.2	3.02	56.3	3.59	60.0	3.90	63.8	4.23	71.8	4.92	79.3	5.66	
115	40.5	2.67	48.2	3.24	56.3	3.86	60.0	4.20	63.8	4.55	71.8	5.30	79.3	6.10	
118	40.5	2.88	48.2	3.52	56.3	4.20	60.0	4.57	63.8	4.96	71.8	5.56	79.3	6.27	
122	40.5	3.18	48.2	3.89	56.3	4.64	60.0	5.07	63.8	4.87	67.5	4.22	67.0	4.76	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Performance Data

COOLING CAPACITY DATA



ARUM144BTE5 / ARUM144DTE5

144,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130%	-9.9	130.9	2.98	155.5	3.61	180.8	4.29	187.4	4.63	190.1	4.99	196.7	5.72	201.4	5.91
	-5	130.9	3.14	155.5	3.81	180.8	4.53	187.4	4.88	190.1	5.27	196.7	6.04	201.4	6.24
	0	130.9	3.27	155.5	3.97	180.8	4.71	187.4	5.08	190.1	5.48	196.7	6.28	201.4	6.49
	5	130.9	3.39	155.5	4.11	180.8	4.88	187.4	5.27	190.1	5.68	196.7	6.51	201.4	6.73
	10	130.9	3.49	155.5	4.23	180.8	5.02	187.4	5.42	190.1	5.84	196.7	6.70	201.4	6.92
	14	130.9	3.61	155.5	4.38	180.8	5.20	187.4	5.61	190.1	6.06	196.7	6.94	201.4	7.17
	20	130.9	3.67	155.5	4.45	180.8	5.28	187.4	5.70	190.1	6.14	196.7	7.04	201.4	7.28
	25	130.9	3.73	155.5	4.51	180.8	5.34	187.4	5.77	190.1	6.21	196.7	7.12	201.4	7.36
	30	130.9	3.78	155.5	4.57	180.8	5.40	187.4	5.84	190.1	6.28	196.7	7.20	201.4	7.45
	35	130.9	3.82	155.5	4.63	180.8	5.47	187.4	5.91	190.1	6.36	196.7	7.28	201.4	7.54
	40	130.9	3.87	155.5	4.68	180.8	5.53	187.4	5.98	190.1	6.43	196.7	7.37	201.4	7.63
	45	130.9	3.91	155.5	4.73	180.8	5.60	187.4	6.04	190.1	6.49	196.7	7.45	201.4	7.70
	50	130.9	3.95	155.5	4.77	180.8	5.65	187.4	6.10	190.1	6.56	196.7	7.52	201.4	7.78
	55	130.9	4.01	155.5	4.86	180.8	5.76	184.8	6.24	187.4	6.69	194.0	7.65	198.7	7.84
	60	130.9	4.14	155.5	5.04	178.1	6.00	180.7	6.48	182.8	6.96	189.3	7.89	194.0	7.93
	65	130.9	4.23	155.5	5.15	175.5	6.10	178.1	6.61	180.1	7.09	186.6	8.15	191.3	8.22
	70	130.9	4.07	155.5	4.95	172.2	6.08	174.2	6.70	176.8	7.35	183.3	8.16	188.0	8.24
	75	130.9	4.17	155.5	5.27	169.5	6.51	171.5	7.18	174.2	7.88	180.6	8.55	185.3	8.61
	80	130.9	4.74	155.5	6.00	164.8	7.45	166.8	8.22	169.5	9.04	175.9	9.28	180.6	9.36
	85	130.9	5.05	155.5	6.41	162.2	7.96	164.8	8.77	166.8	9.58	173.2	9.67	177.9	9.75
90	130.9	5.72	152.9	7.29	157.5	9.04	159.5	9.99	162.2	10.34	168.5	10.42	173.2	10.52	
95	132.3	6.06	151.8	7.75	156.5	9.65	159.2	10.66	161.2	10.70	167.6	10.81	172.3	10.91	
100	132.3	6.56	149.1	8.39	153.8	10.46	156.5	11.22	158.5	11.28	165.6	11.39	170.3	11.49	
105	132.3	7.40	145.1	9.49	149.8	11.79	152.1	12.07	154.4	12.13	159.8	12.24	162.1	12.36	
110	132.3	8.31	139.1	10.69	144.9	12.86	145.4	12.93	147.5	12.97	150.6	13.10	151.2	13.22	
115	131.7	9.61	134.1	12.30	134.1	13.56	134.1	13.56	134.1	13.56	136.0	13.59	136.6	13.61	
118	114.5	8.15	116.6	10.42	116.7	11.40	116.7	11.51	116.7	11.51	118.4	11.53	117.9	11.55	
122	91.5	6.18	93.5	7.92	93.0	8.68	93.3	8.70	93.5	8.71	95.1	8.74	94.9	8.77	
120%	-9.9	119.2	2.81	142.2	3.40	165.2	4.03	177.1	4.34	185.0	4.68	193.4	5.37	197.4	5.55
	-5	119.2	2.96	142.2	3.59	165.2	4.25	177.1	4.58	185.0	4.94	193.4	5.67	197.4	5.86
	0	119.2	3.08	142.2	3.73	165.2	4.42	177.1	4.77	185.0	5.14	193.4	5.89	197.4	6.09
	5	119.2	3.19	142.2	3.87	165.2	4.58	177.1	4.94	185.0	5.33	193.4	6.11	197.4	6.31
	10	119.2	3.28	142.2	3.98	165.2	4.71	177.1	5.08	185.0	5.48	193.4	6.28	197.4	6.50
	14	119.2	3.40	142.2	4.13	165.2	4.89	177.1	5.27	185.0	5.68	193.4	6.51	197.4	6.73
	20	119.2	3.46	142.2	4.19	165.2	4.96	177.1	5.35	185.0	5.76	193.4	6.60	197.4	6.83
	25	119.2	3.50	142.2	4.24	165.2	5.01	177.1	5.42	185.0	5.83	193.4	6.68	197.4	6.91
	30	119.2	3.55	142.2	4.29	165.2	5.07	177.1	5.48	185.0	5.90	193.4	6.76	197.4	6.99
	35	119.2	3.59	142.2	4.34	165.2	5.13	177.1	5.56	185.0	5.97	193.4	6.84	197.4	7.08
	40	119.2	3.63	142.2	4.40	165.2	5.20	177.1	5.62	185.0	6.04	193.4	6.93	197.4	7.17
	45	119.2	3.68	142.2	4.44	165.2	5.26	177.1	5.69	185.0	6.11	193.4	7.00	197.4	7.25
	50	119.2	3.72	142.2	4.50	165.2	5.32	177.1	5.75	185.0	6.18	193.4	7.08	197.4	7.33
	55	119.2	3.78	142.2	4.58	165.2	5.42	177.1	5.87	183.0	6.30	190.7	7.21	195.4	7.38
	60	119.2	3.90	142.2	4.74	165.2	5.65	175.8	6.10	177.8	6.55	186.0	7.43	190.0	7.56
	65	119.2	3.98	142.2	4.85	165.2	5.75	173.1	6.22	175.8	6.67	183.3	7.68	188.0	7.74
	70	119.2	3.91	142.2	4.75	165.2	5.84	169.9	6.43	171.8	7.05	180.0	7.83	184.0	7.91
	75	119.2	4.00	142.2	5.06	165.2	6.25	167.2	6.90	169.9	7.56	177.3	8.21	182.0	8.26
	80	119.2	4.55	142.2	5.76	160.6	7.15	162.6	7.89	164.6	8.67	172.6	8.91	176.6	8.99
	85	119.2	4.84	142.2	6.15	158.0	7.64	160.0	8.42	162.6	9.20	169.9	9.28	174.6	9.36
90	119.2	5.49	142.2	6.99	153.4	8.67	155.4	9.59	157.3	9.92	165.2	10.00	169.2	10.10	
95	120.4	5.82	143.7	7.44	152.3	9.26	154.3	10.24	157.0	10.28	164.2	10.37	169.0	10.47	
100	120.4	6.30	143.7	8.05	149.7	10.04	152.3	10.77	154.3	10.83	162.2	10.93	166.3	11.03	
105	120.4	7.10	141.4	9.11	145.7	11.33	148.1	11.58	150.0	11.65	157.5	11.75	160.1	11.86	
110	120.4	7.98	137.8	10.27	142.3	12.35	142.7	12.41	144.8	12.45	149.3	12.57	149.9	12.69	
115	117.1	9.23	132.8	11.81	132.8	13.02	132.8	13.02	132.8	13.02	136.0	13.04	136.6	13.07	
118	104.5	8.15	115.4	10.00	115.6	10.95	115.6	11.05	115.6	11.05	118.4	11.07	117.9	11.09	
122	83.5	6.18	92.6	7.61	92.1	8.33	92.4	8.35	92.6	8.36	95.1	8.39	94.9	8.42	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50-130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.



COOLING CAPACITY DATA

ARUM144BTE5 / ARUM144DTE5

144,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110%	-9.9	110.4	2.58	131.7	3.12	153.0	3.69	163.7	4.00	174.3	4.29	192.0	4.90	196.1	5.08
	-5	110.4	2.73	131.7	3.29	153.0	3.90	163.7	4.23	174.3	4.53	192.0	5.17	196.1	5.36
	0	110.4	2.84	131.7	3.42	153.0	4.05	163.7	4.40	174.3	4.71	192.0	5.37	196.1	5.57
	5	110.4	2.94	131.7	3.55	153.0	4.20	163.7	4.56	174.3	4.88	192.0	5.57	196.1	5.78
	10	110.4	3.02	131.7	3.65	153.0	4.32	163.7	4.69	174.3	5.02	192.0	5.73	196.1	5.94
	14	110.4	3.13	131.7	3.78	153.0	4.48	163.7	4.86	174.3	5.20	192.0	5.94	196.1	6.16
	20	110.4	3.18	131.7	3.84	153.0	4.55	163.7	4.92	174.3	5.28	192.0	6.04	196.1	6.25
	25	110.4	3.22	131.7	3.89	153.0	4.60	163.7	4.98	174.3	5.35	192.0	6.12	196.1	6.33
	30	110.4	3.26	131.7	3.94	153.0	4.66	163.7	5.04	174.3	5.42	192.0	6.21	196.1	6.41
	35	110.4	3.31	131.7	4.00	153.0	4.72	163.7	5.11	174.3	5.50	192.0	6.30	196.1	6.52
	40	110.4	3.35	131.7	4.05	153.0	4.79	163.7	5.18	174.3	5.57	192.0	6.38	196.1	6.60
	45	110.4	3.41	131.7	4.12	153.0	4.87	163.7	5.27	174.3	5.66	192.0	6.49	196.1	6.71
	50	110.4	3.46	131.7	4.19	153.0	4.95	163.7	5.35	174.3	5.75	192.0	6.60	196.1	6.82
	55	110.4	3.52	131.7	4.26	153.0	5.05	163.7	5.47	174.3	5.87	189.3	6.71	193.4	6.88
	60	110.4	3.63	131.7	4.42	153.0	5.26	163.7	5.68	174.3	6.10	184.6	6.92	188.6	6.98
	65	110.4	3.71	131.7	4.51	153.0	5.35	163.7	5.79	174.3	6.21	181.9	7.15	185.9	7.21
	70	110.4	3.75	131.7	4.55	153.0	5.60	163.7	6.16	171.0	6.76	178.5	7.51	182.5	7.59
	75	110.4	3.84	131.7	4.85	153.0	5.99	163.7	6.61	168.3	7.25	175.8	7.87	179.8	7.92
	80	109.3	4.36	130.4	5.53	151.5	6.86	160.0	7.57	162.0	8.32	169.3	8.54	173.3	8.62
	85	109.3	4.65	130.4	5.90	151.5	7.32	157.4	8.07	159.4	8.82	166.6	8.90	170.6	8.97
90	109.3	5.26	130.4	6.71	150.8	8.32	152.8	9.20	154.7	9.52	161.9	9.59	165.9	9.68	
95	109.3	5.58	130.4	7.14	148.2	8.88	150.1	9.82	152.1	9.85	159.2	9.95	163.2	10.04	
100	109.3	6.04	130.4	7.72	146.2	9.63	148.2	10.33	150.1	10.39	157.2	10.48	161.2	10.58	
105	109.3	6.81	130.4	8.73	141.6	10.86	143.6	11.11	145.5	11.17	152.5	11.27	156.4	11.38	
110	109.3	7.65	130.4	9.84	137.2	11.84	137.7	11.90	139.7	11.94	144.0	12.06	144.6	12.17	
115	109.3	8.85	130.4	11.32	131.4	12.48	131.4	12.48	132.0	12.48	134.6	12.51	135.2	12.53	
118	105.6	8.06	113.4	9.59	114.4	10.50	114.4	10.59	114.9	10.59	117.2	10.61	116.7	10.63	
122	84.4	6.12	90.9	7.29	91.2	7.99	91.4	8.01	92.1	8.02	94.1	8.04	94.0	8.08	
100%	-9.9	97.1	2.27	115.7	2.74	134.4	3.25	144.0	3.54	158.3	3.83	177.5	4.42	187.4	4.61
	-5	97.1	2.40	115.7	2.89	134.4	3.43	144.0	3.74	158.3	4.04	177.5	4.67	187.4	4.86
	0	97.1	2.50	115.7	3.01	134.4	3.57	144.0	3.89	158.3	4.21	177.5	4.85	187.4	5.05
	5	97.1	2.59	115.7	3.12	134.4	3.70	144.0	4.03	158.3	4.36	177.5	5.03	187.4	5.24
	10	97.1	2.66	115.7	3.21	134.4	3.80	144.0	4.15	158.3	4.49	177.5	5.18	187.4	5.39
	14	97.1	2.76	115.7	3.33	134.4	3.94	144.0	4.30	158.3	4.65	177.5	5.36	187.4	5.59
	20	97.1	2.84	115.7	3.43	134.4	4.07	144.0	4.42	158.3	4.80	177.5	5.52	187.4	5.74
	25	97.1	2.92	115.7	3.52	134.4	4.17	144.0	4.52	158.3	4.92	177.5	5.65	187.4	5.88
	30	97.1	2.99	115.7	3.61	134.4	4.27	144.0	4.62	158.3	5.04	177.5	5.78	187.4	6.01
	35	97.1	3.03	115.7	3.67	134.4	4.34	144.0	4.70	158.3	5.12	177.5	5.88	187.4	6.11
	40	97.1	3.08	115.7	3.73	134.4	4.41	144.0	4.77	158.3	5.21	177.5	5.97	187.4	6.20
	45	97.1	3.15	115.7	3.81	134.4	4.50	144.0	4.87	158.3	5.31	177.5	6.09	187.4	6.33
	50	97.1	3.21	115.7	3.89	134.4	4.60	144.0	4.97	158.3	5.42	177.5	6.21	187.4	6.46
	55	97.1	3.27	115.7	3.96	134.4	4.69	144.0	5.08	158.3	5.53	177.5	6.32	185.4	6.56
	60	97.1	3.37	115.7	4.10	134.4	4.88	144.0	5.27	158.3	5.75	176.8	6.52	180.1	6.68
	65	97.1	3.44	115.7	4.19	134.4	4.97	144.0	5.38	158.3	5.85	174.1	6.74	178.1	6.87
	70	97.1	3.55	115.7	4.31	134.4	5.31	144.0	5.84	158.3	6.50	170.8	7.22	174.1	7.35
	75	97.1	3.64	115.7	4.60	134.4	5.68	144.0	6.27	158.3	6.97	168.2	7.57	172.2	7.66
	80	97.1	4.14	115.7	5.24	134.4	6.50	144.0	7.17	158.3	8.00	163.5	8.21	166.9	8.33
	85	97.1	4.40	115.7	5.59	134.4	6.94	144.0	7.65	157.6	8.48	160.9	8.56	164.9	8.67
90	97.1	4.99	115.7	6.35	134.4	7.88	144.0	8.71	152.3	9.15	156.3	9.22	159.6	9.36	
95	97.1	5.29	115.7	6.76	134.4	8.41	144.0	9.30	150.3	9.48	153.6	9.57	157.6	9.70	
100	97.1	5.71	115.7	7.30	134.4	9.10	141.4	9.77	147.7	9.97	151.6	10.06	155.0	10.20	
105	97.1	6.42	115.7	8.22	133.6	10.23	137.5	10.46	143.3	10.68	147.0	10.77	150.6	10.92	
110	97.1	7.17	115.7	9.23	132.1	11.11	135.1	11.16	137.8	11.36	140.0	11.48	142.5	11.64	
115	97.1	8.24	115.7	10.54	125.7	11.63	129.6	11.63	132.8	11.80	134.1	11.82	134.7	11.90	
118	97.1	8.31	101.5	9.89	109.5	9.78	112.8	9.86	115.7	10.01	116.7	10.03	116.3	10.10	
122	83.0	7.53	81.4	7.52	87.2	7.44	90.2	7.46	92.6	7.58	93.7	7.60	93.6	7.67	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50-130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA



ARUM144BTE5 / ARUM144DTE5

144,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	-9.9	87.4	2.03	104.1	2.43	121.5	2.87	129.9	3.09	138.2	3.30	154.9	3.80	171.6	4.17
	-5	87.4	2.14	104.1	2.56	121.5	3.03	129.9	3.26	138.2	3.48	154.9	4.01	171.6	4.40
	0	87.4	2.23	104.1	2.67	121.5	3.15	129.9	3.39	138.2	3.62	154.9	4.17	171.6	4.58
	5	87.4	2.31	104.1	2.76	121.5	3.27	129.9	3.51	138.2	3.75	154.9	4.32	171.6	4.74
	10	87.4	2.37	104.1	2.84	121.5	3.36	129.9	3.61	138.2	3.86	154.9	4.45	171.6	4.88
	14	87.4	2.46	104.1	2.95	121.5	3.48	129.9	3.74	138.2	4.00	154.9	4.61	171.6	5.06
	20	87.4	2.55	104.1	3.06	121.5	3.61	129.9	3.89	138.2	4.17	154.9	4.77	171.6	5.25
	25	87.4	2.62	104.1	3.15	121.5	3.72	129.9	4.01	138.2	4.31	154.9	4.91	171.6	5.41
	30	87.4	2.70	104.1	3.25	121.5	3.83	129.9	4.13	138.2	4.44	154.9	5.05	171.6	5.57
	35	87.4	2.78	104.1	3.35	121.5	3.94	129.9	4.25	138.2	4.58	154.9	5.20	171.6	5.75
	40	87.4	2.86	104.1	3.44	121.5	4.06	129.9	4.38	138.2	4.72	154.9	5.36	171.6	5.91
	45	87.4	2.93	104.1	3.52	121.5	4.16	129.9	4.48	138.2	4.83	154.9	5.48	171.6	6.05
	50	87.4	2.99	104.1	3.60	121.5	4.25	129.9	4.58	138.2	4.93	154.9	5.60	171.6	6.19
	55	87.4	3.03	104.1	3.66	121.5	4.32	129.9	4.67	138.2	5.03	154.9	5.71	171.6	6.24
	60	87.4	3.14	104.1	3.81	121.5	4.49	129.9	4.86	138.2	5.23	154.9	5.93	170.2	6.31
	65	87.4	3.20	104.1	3.88	121.5	4.58	129.9	4.95	138.2	5.32	154.9	6.04	169.1	6.63
	70	87.4	3.29	104.1	3.99	121.5	4.75	129.9	5.23	138.2	5.71	154.9	6.74	165.9	7.12
	75	87.4	3.34	104.1	4.18	121.5	5.08	129.9	5.60	138.2	6.13	154.9	7.03	163.3	7.44
	80	87.4	3.75	104.1	4.73	121.5	5.80	129.9	6.39	138.2	7.00	154.9	7.77	158.8	8.09
	85	87.4	3.99	104.1	5.04	121.5	6.21	129.9	6.82	138.2	7.48	153.0	8.19	156.2	8.42
90	87.4	4.51	104.1	5.71	121.5	7.04	129.9	7.76	138.2	8.52	148.5	8.96	151.7	9.09	
95	87.4	4.80	104.1	6.06	121.5	7.50	129.9	8.28	138.2	9.09	145.9	9.30	149.1	9.43	
100	87.4	4.96	104.1	6.32	121.5	7.81	129.9	8.60	138.2	9.29	144.0	9.70	146.6	9.81	
105	87.4	5.75	104.1	7.33	121.5	8.84	129.9	9.42	136.7	9.96	139.5	10.40	141.4	10.53	
110	87.4	6.60	104.1	8.45	121.5	9.69	129.9	10.17	131.1	10.80	132.9	11.17	133.9	11.29	
115	87.4	7.15	104.1	9.16	113.8	10.21	123.1	10.64	124.9	11.15	126.0	11.39	126.6	11.54	
118	87.4	7.59	101.5	9.89	99.1	8.58	107.2	9.03	108.7	9.46	109.7	9.66	109.3	9.79	
122	83.1	7.53	81.4	7.52	79.0	6.53	85.7	6.83	87.1	7.16	88.1	7.33	88.0	7.44	
80%	-9.9	77.8	1.76	92.6	2.12	108.0	2.46	115.1	2.67	122.8	2.88	137.6	3.29	152.4	3.66
	-5	77.8	1.85	92.6	2.23	108.0	2.59	115.1	2.82	122.8	3.04	137.6	3.47	152.4	3.86
	0	77.8	1.93	92.6	2.32	108.0	2.70	115.1	2.93	122.8	3.16	137.6	3.61	152.4	4.02
	5	77.8	2.00	92.6	2.41	108.0	2.80	115.1	3.04	122.8	3.27	137.6	3.74	152.4	4.16
	10	77.8	2.06	92.6	2.48	108.0	2.88	115.1	3.12	122.8	3.37	137.6	3.85	152.4	4.28
	14	77.8	2.13	92.6	2.57	108.0	2.98	115.1	3.24	122.8	3.49	137.6	3.98	152.4	4.44
	20	77.8	2.21	92.6	2.66	108.0	3.10	115.1	3.36	122.8	3.61	137.6	4.13	152.4	4.61
	25	77.8	2.28	92.6	2.73	108.0	3.20	115.1	3.46	122.8	3.71	137.6	4.25	152.4	4.75
	30	77.8	2.35	92.6	2.81	108.0	3.30	115.1	3.56	122.8	3.81	137.6	4.37	152.4	4.89
	35	77.8	2.41	92.6	2.89	108.0	3.39	115.1	3.65	122.8	3.92	137.6	4.49	152.4	5.03
	40	77.8	2.48	92.6	2.97	108.0	3.48	115.1	3.76	122.8	4.02	137.6	4.61	152.4	5.17
	45	77.8	2.51	92.6	3.00	108.0	3.53	115.1	3.81	122.8	4.07	137.6	4.68	152.4	5.24
	50	77.8	2.54	92.6	3.05	108.0	3.58	115.1	3.86	122.8	4.13	137.6	4.74	152.4	5.31
	55	77.8	2.58	92.6	3.10	108.0	3.64	115.1	3.93	122.8	4.21	137.6	4.83	152.4	5.40
	60	77.8	2.67	92.6	3.20	108.0	3.77	115.1	4.07	122.8	4.38	137.6	5.00	152.4	5.62
	65	77.8	2.71	92.6	3.27	108.0	3.85	115.1	4.15	122.8	4.47	137.6	5.09	152.4	5.75
	70	77.8	2.79	92.6	3.36	108.0	3.97	115.1	4.28	122.8	4.65	137.6	5.49	152.4	6.36
	75	77.8	2.84	92.6	3.42	108.0	4.16	115.1	4.56	122.8	4.96	137.6	5.84	152.4	6.70
	80	77.8	3.11	92.6	3.89	108.0	4.74	115.1	5.18	122.8	5.66	137.6	6.72	152.4	7.49
	85	77.8	3.32	92.6	4.13	108.0	5.05	115.1	5.53	122.8	6.06	137.6	7.16	152.4	7.68
90	77.8	3.73	92.6	4.69	108.0	5.71	115.1	6.28	122.8	6.88	137.6	7.87	149.9	8.14	
95	77.8	3.97	92.6	4.96	108.0	6.10	115.1	6.67	122.8	7.32	137.6	8.14	146.6	8.36	
100	77.8	4.28	92.6	5.35	108.0	6.57	115.1	7.14	122.8	7.61	137.6	8.47	143.4	8.63	
105	77.8	4.87	92.6	6.12	108.0	7.32	115.1	7.66	122.8	8.17	135.9	8.81	139.2	9.06	
110	77.8	5.53	92.6	6.98	108.0	7.77	115.1	8.18	122.8	8.80	131.1	9.13	131.8	9.52	
115	77.8	5.92	92.6	7.45	108.0	8.02	115.1	8.60	115.1	9.00	115.8	9.34	115.8	9.90	
118	77.8	6.28	92.6	7.92	99.1	8.58	101.1	8.17	100.2	7.64	100.8	7.92	99.9	8.40	
122	77.8	6.79	81.7	7.47	79.0	6.53	80.8	6.17	80.3	5.78	80.9	6.01	80.4	6.39	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
 Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.



COOLING CAPACITY DATA

ARUM144BTE5 / ARUM144DTE5

144,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-9.9	68.1	1.55	81.0	1.84	94.5	2.17	100.9	2.32	107.4	2.47	120.2	2.83	133.7	3.17
	-5	68.1	1.64	81.0	1.94	94.5	2.29	100.9	2.45	107.4	2.61	120.2	2.99	133.7	3.35
	0	68.1	1.70	81.0	2.02	94.5	2.38	100.9	2.55	107.4	2.71	120.2	3.11	133.7	3.48
	5	68.1	1.76	81.0	2.10	94.5	2.47	100.9	2.64	107.4	2.81	120.2	3.22	133.7	3.61
	10	68.1	1.81	81.0	2.16	94.5	2.54	100.9	2.72	107.4	2.89	120.2	3.32	133.7	3.71
	14	68.1	1.88	81.0	2.24	94.5	2.63	100.9	2.82	107.4	3.00	120.2	3.44	133.7	3.85
	20	68.1	1.95	81.0	2.31	94.5	2.71	100.9	2.91	107.4	3.10	120.2	3.55	133.7	3.98
	25	68.1	2.00	81.0	2.37	94.5	2.78	100.9	2.99	107.4	3.19	120.2	3.64	133.7	4.08
	30	68.1	2.05	81.0	2.43	94.5	2.85	100.9	3.06	107.4	3.28	120.2	3.73	133.7	4.19
	35	68.1	2.11	81.0	2.50	94.5	2.93	100.9	3.14	107.4	3.37	120.2	3.82	133.7	4.31
	40	68.1	2.16	81.0	2.56	94.5	3.00	100.9	3.23	107.4	3.45	120.2	3.93	133.7	4.41
	45	68.1	2.19	81.0	2.60	94.5	3.05	100.9	3.28	107.4	3.51	120.2	3.99	133.7	4.48
	50	68.1	2.23	81.0	2.65	94.5	3.10	100.9	3.33	107.4	3.57	120.2	4.06	133.7	4.56
	55	68.1	2.27	81.0	2.70	94.5	3.15	100.9	3.38	107.4	3.63	120.2	4.13	133.7	4.65
	60	68.1	2.34	81.0	2.79	94.5	3.27	100.9	3.51	107.4	3.76	120.2	4.29	133.7	4.83
	65	68.1	2.38	81.0	2.84	94.5	3.32	100.9	3.58	107.4	3.84	120.2	4.37	133.7	4.91
	70	68.1	2.44	81.0	2.92	94.5	3.42	100.9	3.68	107.4	3.95	120.2	4.52	133.7	5.22
	75	68.1	2.48	81.0	2.97	94.5	3.49	100.9	3.81	107.4	4.13	120.2	4.83	133.7	5.53
	80	68.1	2.67	81.0	3.28	94.5	3.97	100.9	4.33	107.4	4.69	120.2	5.34	133.7	6.13
	85	68.1	2.84	81.0	3.49	94.5	4.22	100.9	4.61	107.4	5.05	120.2	5.69	133.7	6.39
	90	68.1	3.19	81.0	3.94	94.5	4.78	100.9	5.22	107.4	5.71	120.2	6.34	133.7	6.93
95	68.1	3.37	81.0	4.19	94.5	5.09	100.9	5.57	107.4	6.06	120.2	6.67	133.7	7.14	
100	68.1	3.64	81.0	4.52	94.5	5.49	100.9	6.01	107.4	6.24	120.2	6.99	133.7	7.34	
105	68.1	4.13	81.0	5.15	94.5	6.05	100.9	6.41	107.4	6.78	120.2	7.36	133.7	7.77	
110	68.1	4.65	81.0	5.84	94.5	6.41	100.9	6.79	107.4	7.35	120.2	7.66	129.9	8.36	
115	68.1	5.00	81.0	6.23	94.5	6.63	100.9	7.18	107.4	7.56	120.2	7.89	122.4	8.90	
118	68.1	5.31	81.0	6.61	94.5	7.04	100.9	7.61	97.7	7.56	100.8	6.70	99.9	7.55	
122	68.1	5.73	81.0	7.16	84.3	6.72	80.6	6.26	78.2	5.73	80.9	5.08	80.4	5.74	
60%	-9.9	58.5	1.34	69.4	1.56	81.0	1.83	86.1	1.96	91.9	2.11	103.5	2.39	114.4	2.67
	-5	58.5	1.42	69.4	1.65	81.0	1.93	86.1	2.06	91.9	2.22	103.5	2.52	114.4	2.81
	0	58.5	1.48	69.4	1.71	81.0	2.01	86.1	2.15	91.9	2.31	103.5	2.62	114.4	2.93
	5	58.5	1.53	69.4	1.78	81.0	2.08	86.1	2.23	91.9	2.40	103.5	2.71	114.4	3.03
	10	58.5	1.57	69.4	1.83	81.0	2.14	86.1	2.29	91.9	2.47	103.5	2.79	114.4	3.12
	14	58.5	1.63	69.4	1.89	81.0	2.22	86.1	2.37	91.9	2.56	103.5	2.89	114.4	3.23
	20	58.5	1.68	69.4	1.96	81.0	2.29	86.1	2.46	91.9	2.64	103.5	2.99	114.4	3.35
	25	58.5	1.72	69.4	2.02	81.0	2.35	86.1	2.52	91.9	2.71	103.5	3.07	114.4	3.44
	30	58.5	1.76	69.4	2.08	81.0	2.41	86.1	2.59	91.9	2.77	103.5	3.15	114.4	3.53
	35	58.5	1.80	69.4	2.13	81.0	2.47	86.1	2.66	91.9	2.85	103.5	3.23	114.4	3.63
	40	58.5	1.85	69.4	2.18	81.0	2.54	86.1	2.73	91.9	2.92	103.5	3.31	114.4	3.72
	45	58.5	1.87	69.4	2.20	81.0	2.56	86.1	2.75	91.9	2.95	103.5	3.34	114.4	3.75
	50	58.5	1.89	69.4	2.22	81.0	2.58	86.1	2.78	91.9	2.97	103.5	3.37	114.4	3.78
	55	58.5	1.91	69.4	2.26	81.0	2.64	86.1	2.83	91.9	3.02	103.5	3.44	114.4	3.85
	60	58.5	1.98	69.4	2.34	81.0	2.73	86.1	2.93	91.9	3.14	103.5	3.55	114.4	4.00
	65	58.5	2.00	69.4	2.38	81.0	2.78	86.1	2.98	91.9	3.19	103.5	3.63	114.4	4.08
	70	58.5	2.05	69.4	2.44	81.0	2.85	86.1	3.06	91.9	3.28	103.5	3.73	114.4	4.24
	75	58.5	2.09	69.4	2.48	81.0	2.91	86.1	3.13	91.9	3.38	103.5	3.95	114.4	4.51
	80	58.5	2.22	69.4	2.71	81.0	3.26	86.1	3.55	91.9	3.85	103.5	4.43	114.4	5.10
	85	58.5	2.36	69.4	2.88	81.0	3.46	86.1	3.78	91.9	4.12	103.5	4.66	114.4	5.26
	90	58.5	2.65	69.4	3.26	81.0	3.91	86.1	4.28	91.9	4.63	103.5	5.21	114.4	5.74
95	58.5	2.80	69.4	3.45	81.0	4.16	86.1	4.56	91.9	4.90	103.5	5.45	114.4	6.04	
100	58.5	3.01	69.4	3.71	81.0	4.48	86.1	4.91	91.9	5.12	103.5	5.78	114.4	6.30	
105	58.5	3.42	69.4	4.22	81.0	4.95	86.1	5.24	91.9	5.57	103.5	6.14	114.4	6.87	
110	58.5	3.85	69.4	4.79	81.0	5.34	86.1	5.55	91.9	6.02	103.5	6.56	114.4	7.50	
115	58.5	4.12	69.4	5.12	81.0	5.55	86.1	5.88	91.9	6.23	103.5	6.94	114.4	8.01	
118	58.5	4.36	69.4	5.42	81.0	5.89	86.1	6.24	91.9	6.63	100.8	6.70	99.9	7.55	
122	58.5	4.70	69.4	5.87	81.0	6.38	80.5	6.33	77.9	5.87	80.9	5.08	80.4	5.74	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA



ARUM144BTE5 / ARUM144DTE5

144,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-9.9	48.6	1.16	57.9	1.36	67.5	1.52	72.0	1.64	76.5	1.77	86.1	1.96	95.1	2.17
	-5	48.6	1.22	57.9	1.43	67.5	1.61	72.0	1.73	76.5	1.86	86.1	2.07	95.1	2.29
	0	48.6	1.27	57.9	1.49	67.5	1.67	72.0	1.80	76.5	1.94	86.1	2.15	95.1	2.38
	5	48.6	1.31	57.9	1.55	67.5	1.73	72.0	1.87	76.5	2.01	86.1	2.23	95.1	2.47
	10	48.6	1.35	57.9	1.59	67.5	1.78	72.0	1.92	76.5	2.07	86.1	2.29	95.1	2.54
	14	48.6	1.40	57.9	1.65	67.5	1.85	72.0	1.99	76.5	2.14	86.1	2.38	95.1	2.63
	20	48.6	1.45	57.9	1.70	67.5	1.92	72.0	2.06	76.5	2.21	86.1	2.46	95.1	2.73
	25	48.6	1.50	57.9	1.74	67.5	1.99	72.0	2.12	76.5	2.27	86.1	2.53	95.1	2.82
	30	48.6	1.54	57.9	1.79	67.5	2.05	72.0	2.18	76.5	2.33	86.1	2.61	95.1	2.90
	35	48.6	1.58	57.9	1.83	67.5	2.10	72.0	2.24	76.5	2.39	86.1	2.68	95.1	2.98
	40	48.6	1.62	57.9	1.88	67.5	2.16	72.0	2.29	76.5	2.45	86.1	2.74	95.1	3.05
	45	48.6	1.65	57.9	1.91	67.5	2.19	72.0	2.33	76.5	2.48	86.1	2.78	95.1	3.10
	50	48.6	1.67	57.9	1.93	67.5	2.22	72.0	2.36	76.5	2.52	86.1	2.82	95.1	3.14
	55	48.6	1.70	57.9	1.97	67.5	2.25	72.0	2.40	76.5	2.56	86.1	2.88	95.1	3.19
	60	48.6	1.74	57.9	2.02	67.5	2.33	72.0	2.48	76.5	2.64	86.1	2.96	95.1	3.32
	65	48.6	1.76	57.9	2.06	67.5	2.36	72.0	2.52	76.5	2.68	86.1	3.02	95.1	3.37
	70	48.6	1.81	57.9	2.09	67.5	2.41	72.0	2.59	76.5	2.75	86.1	3.11	95.1	3.48
	75	48.6	1.83	57.9	2.13	67.5	2.47	72.0	2.63	76.5	2.80	86.1	3.16	95.1	3.55
	80	48.6	1.88	57.9	2.25	67.5	2.64	72.0	2.86	76.5	3.07	86.1	3.53	95.1	4.03
	85	48.6	2.01	57.9	2.38	67.5	2.80	72.0	3.03	76.5	3.27	86.1	3.76	95.1	4.30
90	48.6	2.24	57.9	2.66	67.5	3.16	72.0	3.41	76.5	3.67	86.1	4.24	95.1	4.86	
95	48.6	2.36	57.9	2.82	67.5	3.34	72.0	3.62	76.5	3.90	86.1	4.51	95.1	5.16	
100	48.6	2.48	57.9	2.98	67.5	3.53	72.0	3.83	76.5	4.14	86.1	4.79	95.1	5.48	
105	48.6	2.72	57.9	3.29	67.5	3.91	72.0	4.23	76.5	4.58	86.1	5.31	95.1	6.10	
110	48.6	3.00	57.9	3.64	67.5	4.33	72.0	4.70	76.5	5.09	86.1	5.93	95.1	6.82	
115	48.6	3.21	57.9	3.90	67.5	4.65	72.0	5.06	76.5	5.48	86.1	6.39	95.1	7.35	
118	48.6	3.47	57.9	4.24	67.5	5.05	72.0	5.50	76.5	5.97	86.1	6.70	95.1	7.55	
122	48.6	3.83	57.9	4.68	67.5	5.59	72.0	6.11	76.5	5.87	80.9	5.08	80.4	5.74	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
 Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual



COOLING CAPACITY DATA

ARUM168BTE5 / ARUM168DTE5

168,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130%	-9.9	152.8	3.92	181.5	4.75	210.9	5.64	218.7	6.09	221.8	6.57	229.5	7.53	235.0	7.78
	-5	152.8	4.13	181.5	5.01	210.9	5.95	218.7	6.42	221.8	6.93	229.5	7.94	235.0	8.21
	0	152.8	4.30	181.5	5.22	210.9	6.19	218.7	6.68	221.8	7.21	229.5	8.26	235.0	8.54
	5	152.8	4.46	181.5	5.41	210.9	6.42	218.7	6.93	221.8	7.47	229.5	8.56	235.0	8.85
	10	152.8	4.58	181.5	5.56	210.9	6.60	218.7	7.12	221.8	7.69	229.5	8.81	235.0	9.10
	14	152.8	4.75	181.5	5.76	210.9	6.84	218.7	7.38	221.8	7.96	229.5	9.13	235.0	9.43
	20	152.8	4.83	181.5	5.86	210.9	6.94	218.7	7.50	221.8	8.07	229.5	9.26	235.0	9.57
	25	152.8	4.90	181.5	5.93	210.9	7.02	218.7	7.59	221.8	8.17	229.5	9.36	235.0	9.68
	30	152.8	4.97	181.5	6.01	210.9	7.11	218.7	7.68	221.8	8.26	229.5	9.47	235.0	9.80
	35	152.8	5.02	181.5	6.09	210.9	7.19	218.7	7.77	221.8	8.36	229.5	9.58	235.0	9.91
	40	152.8	5.09	181.5	6.15	210.9	7.28	218.7	7.87	221.8	8.46	229.5	9.69	235.0	10.03
	45	152.8	5.14	181.5	6.22	210.9	7.36	218.7	7.95	221.8	8.54	229.5	9.80	235.0	10.13
	50	152.8	5.19	181.5	6.28	210.9	7.43	218.7	8.03	221.8	8.63	229.5	9.89	235.0	10.24
	55	152.8	5.28	181.5	6.39	210.9	7.57	215.6	8.20	218.7	8.80	226.4	10.06	231.8	10.31
	60	152.8	5.45	181.5	6.62	207.8	7.89	210.8	8.52	213.3	9.15	220.9	10.38	226.4	10.42
	65	152.8	5.56	181.5	6.77	204.7	8.03	207.8	8.69	210.2	9.32	217.7	10.72	223.2	10.81
	70	152.8	5.35	181.5	6.50	200.9	8.00	203.2	8.80	206.3	9.66	213.8	10.73	219.3	10.84
	75	152.8	5.49	181.5	6.93	197.8	8.56	200.1	9.45	203.2	10.36	210.7	11.24	216.2	11.32
	80	152.8	6.24	181.5	7.89	192.3	9.79	194.7	10.81	197.8	11.88	205.2	12.20	210.7	12.31
	85	152.8	6.64	181.5	8.43	189.2	10.46	192.3	11.53	194.7	12.60	202.1	12.71	207.6	12.82
90	152.8	7.52	178.4	9.58	183.8	11.88	186.1	13.14	189.2	13.59	196.6	13.70	202.1	13.84	
95	154.4	7.97	177.1	10.20	182.6	12.68	185.7	14.02	188.1	14.08	195.5	14.21	201.1	14.34	
100	154.4	8.63	174.0	11.03	179.5	13.75	182.6	14.76	185.0	14.84	193.1	14.98	198.7	15.11	
105	154.4	9.73	169.3	12.48	174.8	15.51	177.5	15.87	180.2	15.95	186.4	16.10	189.1	16.25	
110	154.4	10.93	162.3	14.06	169.1	16.92	169.6	17.00	172.1	17.06	175.7	17.22	176.4	17.39	
115	153.6	12.64	156.4	16.17	156.4	17.83	156.4	17.83	156.4	17.83	158.7	17.87	159.4	17.90	
118	133.6	10.71	136.0	13.70	136.2	15.00	136.2	15.13	136.2	15.13	138.2	15.16	137.6	15.19	
122	106.7	8.13	109.1	10.42	108.5	11.42	108.8	11.44	109.1	11.46	110.9	11.49	110.8	11.54	
120%	-9.9	139.0	3.69	165.9	4.47	192.8	5.30	206.6	5.71	215.8	6.16	225.6	7.06	230.3	7.30
	-5	139.0	3.89	165.9	4.72	192.8	5.59	206.6	6.03	215.8	6.50	225.6	7.45	230.3	7.70
	0	139.0	4.05	165.9	4.91	192.8	5.81	206.6	6.27	215.8	6.76	225.6	7.75	230.3	8.01
	5	139.0	4.20	165.9	5.09	192.8	6.03	206.6	6.50	215.8	7.01	225.6	8.03	230.3	8.30
	10	139.0	4.32	165.9	5.24	192.8	6.20	206.6	6.69	215.8	7.21	225.6	8.27	230.3	8.54
	14	139.0	4.48	165.9	5.43	192.8	6.42	206.6	6.93	215.8	7.47	225.6	8.56	230.3	8.85
	20	139.0	4.55	165.9	5.51	192.8	6.52	206.6	7.03	215.8	7.58	225.6	8.69	230.3	8.98
	25	139.0	4.60	165.9	5.57	192.8	6.59	206.6	7.12	215.8	7.67	225.6	8.79	230.3	9.09
	30	139.0	4.66	165.9	5.64	192.8	6.67	206.6	7.21	215.8	7.75	225.6	8.89	230.3	9.20
	35	139.0	4.72	165.9	5.71	192.8	6.75	206.6	7.31	215.8	7.85	225.6	8.99	230.3	9.31
	40	139.0	4.78	165.9	5.78	192.8	6.84	206.6	7.39	215.8	7.95	225.6	9.11	230.3	9.43
	45	139.0	4.84	165.9	5.84	192.8	6.92	206.6	7.48	215.8	8.04	225.6	9.21	230.3	9.54
	50	139.0	4.89	165.9	5.91	192.8	6.99	206.6	7.56	215.8	8.13	225.6	9.32	230.3	9.64
	55	139.0	4.97	165.9	6.02	192.8	7.13	206.6	7.72	213.5	8.29	222.5	9.48	228.0	9.71
	60	139.0	5.13	165.9	6.24	192.8	7.43	205.1	8.02	207.4	8.61	217.0	9.77	221.7	9.95
	65	139.0	5.24	165.9	6.37	192.8	7.56	202.0	8.18	205.1	8.78	213.9	10.10	219.4	10.18
	70	139.0	5.14	165.9	6.24	192.8	7.68	198.2	8.45	200.5	9.27	210.0	10.30	214.7	10.40
	75	139.0	5.27	165.9	6.65	192.8	8.22	195.1	9.07	198.2	9.94	206.8	10.79	212.3	10.87
	80	139.0	5.99	165.9	7.58	187.4	9.40	189.7	10.38	192.0	11.41	201.3	11.72	206.0	11.82
	85	139.0	6.37	165.9	8.09	184.3	10.05	186.6	11.07	189.7	12.10	198.2	12.20	203.7	12.31
90	139.0	7.22	165.9	9.20	179.0	11.41	181.3	12.61	183.6	13.05	192.7	13.15	197.4	13.28	
95	140.5	7.66	167.7	9.79	177.7	12.18	180.1	13.46	183.2	13.51	191.6	13.64	197.1	13.77	
100	140.5	8.29	167.7	10.59	174.6	13.20	177.7	14.17	180.1	14.25	189.2	14.38	194.0	14.51	
105	140.5	9.34	165.0	11.99	170.0	14.90	172.7	15.23	175.0	15.32	183.7	15.45	186.8	15.59	
110	140.5	10.49	160.8	13.50	166.0	16.24	166.5	16.32	169.0	16.37	174.2	16.53	174.9	16.69	
115	136.6	12.14	154.9	15.53	154.9	17.12	154.9	17.12	154.9	17.12	158.7	17.15	159.4	17.18	
118	122.0	10.71	134.7	13.15	134.9	14.40	134.9	14.53	134.9	14.53	138.2	14.55	137.6	14.58	
122	97.5	8.13	108.0	10.00	107.5	10.96	107.8	10.99	108.0	11.00	111.0	11.03	110.8	11.08	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50-130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA



ARUM168BTE5 / ARUM168DTE5

168,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110%	-9.9	128.8	3.40	153.7	4.10	178.5	4.86	190.9	5.27	203.4	5.64	224.0	6.44	228.8	6.68
	-5	128.8	3.58	153.7	4.32	178.5	5.13	190.9	5.56	203.4	5.95	224.0	6.79	228.8	7.05
	0	128.8	3.73	153.7	4.50	178.5	5.33	190.9	5.78	203.4	6.19	224.0	7.07	228.8	7.33
	5	128.8	3.86	153.7	4.66	178.5	5.53	190.9	5.99	203.4	6.42	224.0	7.32	228.8	7.60
	10	128.8	3.98	153.7	4.80	178.5	5.69	190.9	6.16	203.4	6.60	224.0	7.54	228.8	7.82
	14	128.8	4.12	153.7	4.97	178.5	5.89	190.9	6.39	203.4	6.84	224.0	7.81	228.8	8.10
	20	128.8	4.18	153.7	5.05	178.5	5.98	190.9	6.48	203.4	6.95	224.0	7.94	228.8	8.23
	25	128.8	4.23	153.7	5.12	178.5	6.05	190.9	6.55	203.4	7.03	224.0	8.05	228.8	8.33
	30	128.8	4.28	153.7	5.18	178.5	6.13	190.9	6.62	203.4	7.12	224.0	8.16	228.8	8.43
	35	128.8	4.35	153.7	5.25	178.5	6.21	190.9	6.72	203.4	7.23	224.0	8.28	228.8	8.57
	40	128.8	4.41	153.7	5.33	178.5	6.30	190.9	6.81	203.4	7.33	224.0	8.40	228.8	8.68
	45	128.8	4.48	153.7	5.41	178.5	6.40	190.9	6.93	203.4	7.45	224.0	8.54	228.8	8.83
	50	128.8	4.55	153.7	5.51	178.5	6.51	190.9	7.04	203.4	7.57	224.0	8.67	228.8	8.96
	55	128.8	4.63	153.7	5.61	178.5	6.64	190.9	7.19	203.4	7.72	220.9	8.82	225.6	9.05
	60	128.8	4.78	153.7	5.81	178.5	6.91	190.9	7.47	203.4	8.02	215.3	9.10	220.1	9.18
	65	128.8	4.88	153.7	5.93	178.5	7.04	190.9	7.62	203.4	8.17	212.2	9.40	216.9	9.48
	70	128.8	4.93	153.7	5.99	178.5	7.37	190.9	8.10	199.5	8.89	208.2	9.88	213.0	9.98
	75	128.8	5.05	153.7	6.38	178.5	7.88	190.9	8.70	196.4	9.53	205.0	10.35	209.8	10.42
	80	127.5	5.74	152.1	7.27	176.7	9.02	186.7	9.95	189.0	10.94	197.5	11.23	202.2	11.33
	85	127.5	6.11	152.1	7.76	176.7	9.63	183.6	10.62	185.9	11.60	194.3	11.70	199.0	11.80
	90	127.5	6.92	152.1	8.82	175.9	10.94	178.2	12.10	180.5	12.51	188.8	12.61	193.6	12.74
95	127.5	7.34	152.1	9.39	172.9	11.68	175.2	12.91	177.5	12.96	185.7	13.08	190.4	13.20	
100	127.5	7.95	152.1	10.15	170.5	12.66	172.9	13.59	175.2	13.66	183.4	13.79	188.1	13.91	
105	127.5	8.96	152.1	11.48	165.2	14.28	167.5	14.62	169.8	14.69	178.0	14.82	182.5	14.96	
110	127.5	10.06	152.1	12.94	160.1	15.57	160.6	15.65	163.0	15.70	168.0	15.85	168.7	16.01	
115	127.5	11.64	152.1	14.89	153.3	16.42	153.3	16.42	154.0	16.42	157.1	16.45	157.8	16.48	
118	123.2	10.60	132.3	12.61	133.5	13.80	133.5	13.93	134.1	13.93	136.8	13.95	136.2	13.98	
122	98.5	8.04	106.1	9.59	106.4	10.51	106.7	10.53	107.4	10.55	109.8	10.58	109.6	10.62	
100%	-9.9	113.3	2.99	135.0	3.61	156.8	4.27	168.0	4.66	184.6	5.04	207.0	5.82	218.6	6.06
	-5	113.3	3.15	135.0	3.81	156.8	4.51	168.0	4.91	184.6	5.32	207.0	6.14	218.6	6.39
	0	113.3	3.28	135.0	3.96	156.8	4.69	168.0	5.11	184.6	5.53	207.0	6.38	218.6	6.65
	5	113.3	3.40	135.0	4.10	156.8	4.86	168.0	5.30	184.6	5.73	207.0	6.62	218.6	6.89
	10	113.3	3.50	135.0	4.22	156.8	5.00	168.0	5.45	184.6	5.90	207.0	6.81	218.6	7.09
	14	113.3	3.63	135.0	4.37	156.8	5.18	168.0	5.65	184.6	6.11	207.0	7.05	218.6	7.35
	20	113.3	3.74	135.0	4.52	156.8	5.35	168.0	5.81	184.6	6.31	207.0	7.26	218.6	7.55
	25	113.3	3.83	135.0	4.64	156.8	5.49	168.0	5.94	184.6	6.47	207.0	7.43	218.6	7.73
	30	113.3	3.93	135.0	4.75	156.8	5.62	168.0	6.08	184.6	6.63	207.0	7.60	218.6	7.90
	35	113.3	3.99	135.0	4.83	156.8	5.71	168.0	6.18	184.6	6.74	207.0	7.73	218.6	8.04
	40	113.3	4.06	135.0	4.91	156.8	5.80	168.0	6.27	184.6	6.85	207.0	7.85	218.6	8.16
	45	113.3	4.15	135.0	5.01	156.8	5.92	168.0	6.41	184.6	6.98	207.0	8.01	218.6	8.33
	50	113.3	4.22	135.0	5.11	156.8	6.04	168.0	6.54	184.6	7.13	207.0	8.17	218.6	8.50
	55	113.3	4.29	135.0	5.20	156.8	6.16	168.0	6.68	184.6	7.27	207.0	8.32	216.3	8.62
	60	113.3	4.43	135.0	5.39	156.8	6.42	168.0	6.93	184.6	7.56	206.3	8.58	210.1	8.78
	65	113.3	4.53	135.0	5.51	156.8	6.54	168.0	7.07	184.6	7.70	203.2	8.86	207.8	9.04
	70	113.3	4.67	135.0	5.67	156.8	6.98	168.0	7.68	184.6	8.55	199.3	9.50	203.2	9.67
	75	113.3	4.78	135.0	6.04	156.8	7.47	168.0	8.24	184.6	9.17	196.2	9.95	200.9	10.07
	80	113.3	5.44	135.0	6.89	156.8	8.54	168.0	9.43	184.6	10.52	190.8	10.80	194.7	10.95
	85	113.3	5.79	135.0	7.35	156.8	9.13	168.0	10.06	183.9	11.16	187.7	11.25	192.4	11.40
	90	113.3	6.56	135.0	8.36	156.8	10.36	168.0	11.46	177.7	12.03	182.3	12.13	186.2	12.31
95	113.3	6.96	135.0	8.89	156.8	11.06	168.0	12.23	175.4	12.46	179.2	12.58	183.9	12.76	
100	113.3	7.51	135.0	9.60	156.8	11.96	165.0	12.84	172.4	13.11	176.9	13.23	180.9	13.41	
105	113.3	8.44	135.0	10.81	155.9	13.45	160.4	13.76	167.2	14.04	171.5	14.16	175.7	14.36	
110	113.3	9.43	135.0	12.14	154.1	14.60	157.6	14.68	160.8	14.95	163.3	15.09	166.3	15.31	
115	113.3	10.84	135.0	13.86	146.7	15.29	151.2	15.29	155.0	15.52	156.4	15.54	157.1	15.65	
118	113.3	10.93	118.4	13.00	127.7	12.86	131.6	12.97	134.9	13.17	136.2	13.19	135.6	13.28	
122	96.9	9.90	95.0	9.89	101.8	9.79	105.2	9.81	108.1	9.97	109.4	10.00	109.2	10.09	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
 Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.



COOLING CAPACITY DATA

ARUM168BTE5 / ARUM168DTE5

168,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	-9.9	102.0	2.67	121.5	3.20	141.8	3.77	151.5	4.06	161.3	4.34	180.8	5.00	200.3	5.48
	-5	102.0	2.81	121.5	3.37	141.8	3.98	151.5	4.28	161.3	4.58	180.8	5.27	200.3	5.79
	0	102.0	2.93	121.5	3.51	141.8	4.14	151.5	4.46	161.3	4.76	180.8	5.48	200.3	6.02
	5	102.0	3.03	121.5	3.64	141.8	4.29	151.5	4.62	161.3	4.94	180.8	5.68	200.3	6.24
	10	102.0	3.12	121.5	3.74	141.8	4.42	151.5	4.75	161.3	5.08	180.8	5.85	200.3	6.42
	14	102.0	3.23	121.5	3.88	141.8	4.58	151.5	4.92	161.3	5.26	180.8	6.06	200.3	6.65
	20	102.0	3.35	121.5	4.02	141.8	4.75	151.5	5.11	161.3	5.48	180.8	6.28	200.3	6.91
	25	102.0	3.45	121.5	4.15	141.8	4.89	151.5	5.27	161.3	5.66	180.8	6.46	200.3	7.12
	30	102.0	3.55	121.5	4.27	141.8	5.03	151.5	5.43	161.3	5.84	180.8	6.64	200.3	7.33
	35	102.0	3.66	121.5	4.40	141.8	5.19	151.5	5.59	161.3	6.02	180.8	6.84	200.3	7.56
	40	102.0	3.76	121.5	4.53	141.8	5.34	151.5	5.76	161.3	6.20	180.8	7.04	200.3	7.78
	45	102.0	3.85	121.5	4.64	141.8	5.47	151.5	5.89	161.3	6.35	180.8	7.20	200.3	7.96
	50	102.0	3.94	121.5	4.74	141.8	5.59	151.5	6.03	161.3	6.49	180.8	7.37	200.3	8.13
	55	102.0	3.98	121.5	4.81	141.8	5.69	151.5	6.15	161.3	6.61	180.8	7.51	200.3	8.21
	60	102.0	4.13	121.5	5.01	141.8	5.90	151.5	6.39	161.3	6.88	180.8	7.80	198.6	8.30
	65	102.0	4.20	121.5	5.10	141.8	6.03	151.5	6.51	161.3	7.00	180.8	7.95	197.3	8.72
	70	102.0	4.32	121.5	5.25	141.8	6.24	151.5	6.88	161.3	7.51	180.8	8.87	193.5	9.37
	75	102.0	4.40	121.5	5.49	141.8	6.68	151.5	7.36	161.3	8.07	180.8	9.25	190.5	9.78
	80	102.0	4.93	121.5	6.22	141.8	7.63	151.5	8.41	161.3	9.21	180.8	10.22	185.3	10.64
	85	102.0	5.25	121.5	6.63	141.8	8.16	151.5	8.97	161.3	9.84	178.5	10.77	182.3	11.08
	90	102.0	5.93	121.5	7.51	141.8	9.26	151.5	10.20	161.3	11.20	173.3	11.78	177.0	11.96
	95	102.0	6.32	121.5	7.97	141.8	9.86	151.5	10.88	161.3	11.95	170.3	12.23	174.0	12.40
100	102.0	6.52	121.5	8.31	141.8	10.28	151.5	11.32	161.3	12.22	168.0	12.76	171.0	12.90	
105	102.0	7.56	121.5	9.64	141.8	11.62	151.5	12.39	159.4	13.10	162.8	13.67	165.0	13.84	
110	102.0	8.68	121.5	11.11	141.8	12.75	151.5	13.38	153.0	14.20	155.0	14.69	156.3	14.85	
115	102.0	9.40	121.5	12.05	132.8	13.42	143.6	14.00	145.7	14.66	147.0	14.98	147.7	15.17	
118	102.0	9.98	118.4	13.00	115.6	11.29	125.1	11.88	126.8	12.44	128.0	12.71	127.5	12.87	
122	96.9	9.90	95.0	9.89	92.1	8.59	99.9	8.98	101.6	9.42	102.8	9.63	102.6	9.78	
80%	-9.9	90.7	2.31	108.0	2.78	126.0	3.23	134.3	3.51	143.3	3.78	160.5	4.32	177.8	4.81
	-5	90.7	2.44	108.0	2.94	126.0	3.41	134.3	3.70	143.3	3.99	160.5	4.56	177.8	5.08
	0	90.7	2.53	108.0	3.05	126.0	3.55	134.3	3.85	143.3	4.15	160.5	4.74	177.8	5.28
	5	90.7	2.63	108.0	3.17	126.0	3.68	134.3	3.99	143.3	4.31	160.5	4.92	177.8	5.48
	10	90.7	2.70	108.0	3.26	126.0	3.78	134.3	4.11	143.3	4.43	160.5	5.06	177.8	5.63
	14	90.7	2.80	108.0	3.37	126.0	3.92	134.3	4.26	143.3	4.59	160.5	5.24	177.8	5.84
	20	90.7	2.91	108.0	3.50	126.0	4.08	134.3	4.42	143.3	4.75	160.5	5.43	177.8	6.06
	25	90.7	3.00	108.0	3.60	126.0	4.21	134.3	4.55	143.3	4.88	160.5	5.59	177.8	6.25
	30	90.7	3.09	108.0	3.70	126.0	4.34	134.3	4.68	143.3	5.01	160.5	5.75	177.8	6.44
	35	90.7	3.17	108.0	3.80	126.0	4.46	134.3	4.81	143.3	5.15	160.5	5.91	177.8	6.62
	40	90.7	3.26	108.0	3.90	126.0	4.58	134.3	4.94	143.3	5.29	160.5	6.07	177.8	6.79
	45	90.7	3.30	108.0	3.95	126.0	4.65	134.3	5.01	143.3	5.36	160.5	6.15	177.8	6.89
	50	90.7	3.35	108.0	4.01	126.0	4.71	134.3	5.08	143.3	5.44	160.5	6.23	177.8	6.98
	55	90.8	3.40	108.0	4.08	126.0	4.79	134.3	5.16	143.3	5.54	160.5	6.35	177.8	7.10
	60	90.8	3.52	108.0	4.21	126.0	4.96	134.3	5.35	143.3	5.76	160.5	6.57	177.8	7.39
	65	90.8	3.57	108.0	4.30	126.0	5.06	134.3	5.45	143.3	5.88	160.5	6.69	177.8	7.56
	70	90.8	3.67	108.0	4.42	126.0	5.21	134.3	5.62	143.3	6.12	160.5	7.22	177.8	8.36
	75	90.8	3.74	108.0	4.50	126.0	5.47	134.3	6.00	143.3	6.52	160.5	7.68	177.8	8.81
	80	90.8	4.09	108.0	5.11	126.0	6.23	134.3	6.81	143.3	7.44	160.5	8.83	177.8	9.85
	85	90.8	4.37	108.0	5.44	126.0	6.64	134.3	7.27	143.3	7.97	160.5	9.41	177.8	10.10
	90	90.8	4.91	108.0	6.17	126.0	7.51	134.3	8.26	143.3	9.05	160.5	10.34	174.9	10.70
	95	90.8	5.21	108.0	6.52	126.0	8.02	134.3	8.76	143.3	9.63	160.5	10.70	171.1	10.99
100	90.7	5.62	108.0	7.03	126.0	8.65	134.3	9.39	143.3	10.01	160.5	11.14	167.3	11.35	
105	90.7	6.41	108.0	8.05	126.0	9.63	134.3	10.08	143.3	10.74	158.6	11.58	162.5	11.91	
110	90.8	7.27	108.0	9.17	126.0	10.21	134.3	10.76	143.3	11.57	153.0	12.01	153.8	12.53	
115	90.8	7.78	108.0	9.80	126.0	10.55	134.3	11.31	134.3	11.84	135.1	12.28	135.1	13.02	
118	90.8	8.26	108.0	10.42	115.6	11.29	117.9	10.74	116.9	10.05	117.6	10.42	116.6	11.05	
122	90.8	8.93	95.3	9.82	92.1	8.59	94.2	8.12	93.6	7.61	94.4	7.90	93.9	8.40	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA



ARUM168BTE5 / ARUM168DTE5

168,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-9.9	79.5	2.04	94.5	2.42	110.3	2.85	117.8	3.05	125.3	3.25	140.3	3.73	156.0	4.17
	-5	79.5	2.15	94.5	2.56	110.3	3.01	117.8	3.22	125.3	3.43	140.3	3.93	156.0	4.40
	0	79.5	2.24	94.5	2.66	110.3	3.13	117.8	3.35	125.3	3.57	140.3	4.09	156.0	4.58
	5	79.5	2.32	94.5	2.76	110.3	3.24	117.8	3.47	125.3	3.70	140.3	4.24	156.0	4.74
	10	79.5	2.39	94.5	2.84	110.3	3.34	117.8	3.57	125.3	3.81	140.3	4.36	156.0	4.88
	14	79.5	2.47	94.5	2.94	110.3	3.46	117.8	3.70	125.3	3.95	140.3	4.52	156.0	5.06
	20	79.5	2.56	94.5	3.04	110.3	3.57	117.8	3.82	125.3	4.08	140.3	4.66	156.0	5.23
	25	79.5	2.63	94.5	3.12	110.3	3.66	117.8	3.93	125.3	4.19	140.3	4.78	156.0	5.37
	30	79.5	2.70	94.5	3.20	110.3	3.75	117.8	4.03	125.3	4.31	140.3	4.90	156.0	5.51
	35	79.5	2.78	94.5	3.29	110.3	3.85	117.8	4.13	125.3	4.43	140.3	5.03	156.0	5.66
	40	79.5	2.84	94.5	3.37	110.3	3.95	117.8	4.24	125.3	4.54	140.3	5.16	156.0	5.80
	45	79.5	2.89	94.5	3.42	110.3	4.01	117.8	4.32	125.3	4.61	140.3	5.25	156.0	5.89
	50	79.5	2.94	94.5	3.48	110.3	4.08	117.8	4.38	125.3	4.69	140.3	5.33	156.0	6.00
	55	79.5	2.99	94.5	3.55	110.3	4.14	117.8	4.45	125.3	4.77	140.3	5.44	156.0	6.12
	60	79.5	3.07	94.5	3.67	110.3	4.30	117.8	4.62	125.3	4.94	140.3	5.64	156.0	6.35
	65	79.5	3.13	94.5	3.74	110.3	4.37	117.8	4.71	125.3	5.04	140.3	5.74	156.0	6.45
	70	79.5	3.21	94.5	3.84	110.3	4.50	117.8	4.84	125.3	5.20	140.3	5.95	156.0	6.66
	75	79.5	3.26	94.5	3.91	110.3	4.59	117.8	5.01	125.3	5.44	140.3	6.35	156.0	7.27
	80	79.5	3.52	94.5	4.31	110.3	5.21	117.8	5.69	125.3	6.17	140.3	7.03	156.0	8.06
	85	79.5	3.74	94.5	4.59	110.3	5.55	117.8	6.06	125.3	6.64	140.3	7.48	156.0	8.40
90	79.5	4.20	94.5	5.18	110.3	6.28	117.8	6.86	125.3	7.51	140.3	8.34	156.0	9.12	
95	79.5	4.43	94.5	5.50	110.3	6.69	117.8	7.32	125.3	7.97	140.3	8.78	156.0	9.39	
100	79.5	4.79	94.5	5.95	110.3	7.22	117.8	7.90	125.3	8.20	140.3	9.19	156.0	9.66	
105	79.5	5.43	94.5	6.78	110.3	7.96	117.8	8.43	125.3	8.92	140.3	9.67	156.0	10.22	
110	79.5	6.12	94.5	7.68	110.3	8.43	117.8	8.93	125.3	9.67	140.3	10.08	151.5	10.99	
115	79.5	6.57	94.5	8.19	110.3	8.71	117.8	9.44	125.3	9.95	140.3	10.38	142.8	11.70	
118	79.5	6.98	94.5	8.70	110.3	9.26	117.8	10.01	114.0	9.95	117.6	8.81	116.6	9.93	
122	79.5	7.53	94.5	9.42	98.4	8.84	94.1	8.23	91.3	7.53	94.4	6.68	93.9	7.55	
60%	-9.9	68.3	1.77	81.0	2.05	94.5	2.41	100.5	2.57	107.3	2.77	120.8	3.14	133.5	3.51
	-5	68.3	1.87	81.0	2.17	94.5	2.54	100.5	2.72	107.3	2.92	120.8	3.31	133.5	3.70
	0	68.3	1.94	81.0	2.25	94.5	2.64	100.5	2.82	107.3	3.04	120.8	3.44	133.5	3.85
	5	68.3	2.01	81.0	2.33	94.5	2.74	100.5	2.93	107.3	3.15	120.8	3.57	133.5	3.99
	10	68.3	2.07	81.0	2.40	94.5	2.82	100.5	3.01	107.3	3.24	120.8	3.67	133.5	4.10
	14	68.3	2.14	81.0	2.49	94.5	2.92	100.5	3.12	107.3	3.36	120.8	3.81	133.5	4.25
	20	68.3	2.21	81.0	2.58	94.5	3.02	100.5	3.23	107.3	3.47	120.8	3.93	133.5	4.40
	25	68.3	2.26	81.0	2.65	94.5	3.09	100.5	3.32	107.3	3.56	120.8	4.04	133.5	4.53
	30	68.3	2.32	81.0	2.73	94.5	3.17	100.5	3.41	107.3	3.65	120.8	4.14	133.5	4.65
	35	68.3	2.37	81.0	2.80	94.5	3.25	100.5	3.50	107.3	3.74	120.8	4.24	133.5	4.77
	40	68.3	2.44	81.0	2.87	94.5	3.34	100.5	3.59	107.3	3.84	120.8	4.36	133.5	4.89
	45	68.3	2.46	81.0	2.90	94.5	3.36	100.5	3.62	107.3	3.88	120.8	4.39	133.5	4.93
	50	68.3	2.48	81.0	2.92	94.5	3.40	100.5	3.65	107.3	3.91	120.8	4.43	133.5	4.98
	55	68.3	2.51	81.0	2.97	94.5	3.47	100.5	3.72	107.3	3.97	120.8	4.52	133.5	5.06
	60	68.3	2.60	81.0	3.07	94.5	3.58	100.5	3.86	107.3	4.13	120.8	4.67	133.5	5.27
	65	68.3	2.63	81.0	3.13	94.5	3.65	100.5	3.92	107.3	4.20	120.8	4.77	133.5	5.37
	70	68.3	2.70	81.0	3.21	94.5	3.75	100.5	4.03	107.3	4.31	120.8	4.91	133.5	5.57
	75	68.3	2.75	81.0	3.26	94.5	3.82	100.5	4.11	107.3	4.45	120.8	5.20	133.5	5.93
	80	68.3	2.92	81.0	3.57	94.5	4.28	100.5	4.67	107.3	5.06	120.8	5.82	133.5	6.71
	85	68.3	3.11	81.0	3.79	94.5	4.55	100.5	4.98	107.3	5.42	120.8	6.13	133.5	6.92
90	68.3	3.48	81.0	4.28	94.5	5.15	100.5	5.62	107.3	6.09	120.8	6.85	133.5	7.55	
95	68.3	3.69	81.0	4.54	94.5	5.47	100.5	6.00	107.3	6.44	120.8	7.16	133.5	7.95	
100	68.3	3.96	81.0	4.88	94.5	5.89	100.5	6.45	107.3	6.73	120.8	7.60	133.5	8.29	
105	68.3	4.50	81.0	5.55	94.5	6.51	100.5	6.89	107.3	7.33	120.8	8.07	133.5	9.04	
110	68.3	5.06	81.0	6.30	94.5	7.02	100.5	7.30	107.3	7.92	120.8	8.63	133.5	9.86	
115	68.3	5.42	81.0	6.73	94.5	7.29	100.5	7.73	107.3	8.20	120.8	9.12	133.5	10.53	
118	68.3	5.74	81.0	7.13	94.5	7.74	100.5	8.21	107.3	8.72	117.6	8.81	116.6	9.93	
122	68.3	6.18	81.0	7.71	94.5	8.39	93.9	8.33	90.9	7.71	94.4	6.68	93.9	7.55	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50-130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.



COOLING CAPACITY DATA

ARUM168BTE5 / ARUM168DTE5

168,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-9.9	56.7	1.52	67.5	1.79	78.8	2.00	84.0	2.16	89.3	2.32	100.5	2.58	111.0	2.86
	-5	56.7	1.60	67.5	1.89	78.8	2.11	84.0	2.28	89.3	2.45	100.5	2.72	111.0	3.01
	0	56.7	1.67	67.5	1.96	78.8	2.20	84.0	2.37	89.3	2.55	100.5	2.83	111.0	3.14
	5	56.7	1.73	67.5	2.03	78.8	2.28	84.0	2.45	89.3	2.64	100.5	2.93	111.0	3.25
	10	56.7	1.78	67.5	2.09	78.8	2.34	84.0	2.52	89.3	2.72	100.5	3.01	111.0	3.34
	14	56.7	1.84	67.5	2.17	78.8	2.43	84.0	2.62	89.3	2.81	100.5	3.12	111.0	3.46
	20	56.7	1.91	67.5	2.24	78.8	2.53	84.0	2.71	89.3	2.91	100.5	3.24	111.0	3.60
	25	56.7	1.97	67.5	2.29	78.8	2.61	84.0	2.79	89.3	2.98	100.5	3.33	111.0	3.71
	30	56.7	2.03	67.5	2.35	78.8	2.69	84.0	2.87	89.3	3.06	100.5	3.43	111.0	3.82
	35	56.7	2.08	67.5	2.41	78.8	2.76	84.0	2.95	89.3	3.14	100.5	3.52	111.0	3.91
	40	56.7	2.13	67.5	2.47	78.8	2.84	84.0	3.02	89.3	3.22	100.5	3.61	111.0	4.02
	45	56.7	2.16	67.5	2.51	78.8	2.87	84.0	3.06	89.3	3.27	100.5	3.66	111.0	4.07
	50	56.7	2.19	67.5	2.54	78.8	2.92	84.0	3.10	89.3	3.31	100.5	3.71	111.0	4.13
	55	56.7	2.24	67.5	2.59	78.8	2.96	84.0	3.15	89.3	3.36	100.5	3.78	111.0	4.20
	60	56.7	2.29	67.5	2.66	78.8	3.06	84.0	3.27	89.3	3.48	100.5	3.90	111.0	4.36
	65	56.7	2.31	67.5	2.71	78.8	3.10	84.0	3.31	89.3	3.52	100.5	3.97	111.0	4.43
	70	56.7	2.38	67.5	2.75	78.8	3.17	84.0	3.41	89.3	3.62	100.5	4.08	111.0	4.57
	75	56.7	2.40	67.5	2.80	78.8	3.24	84.0	3.45	89.3	3.69	100.5	4.15	111.0	4.67
	80	56.7	2.47	67.5	2.96	78.8	3.48	84.0	3.76	89.3	4.04	100.5	4.64	111.0	5.30
	85	56.7	2.64	67.5	3.13	78.8	3.69	84.0	3.99	89.3	4.29	100.5	4.95	111.0	5.65
90	56.7	2.94	67.5	3.50	78.8	4.15	84.0	4.48	89.3	4.83	100.5	5.58	111.0	6.40	
95	56.7	3.10	67.5	3.71	78.8	4.39	84.0	4.76	89.3	5.13	100.5	5.93	111.0	6.79	
100	56.7	3.27	67.5	3.92	78.8	4.64	84.0	5.04	89.3	5.44	100.5	6.30	111.0	7.21	
105	56.7	3.57	67.5	4.33	78.8	5.14	84.0	5.56	89.3	6.02	100.5	6.98	111.0	8.02	
110	56.7	3.94	67.5	4.78	78.8	5.69	84.0	6.19	89.3	6.70	100.5	7.80	111.0	8.96	
115	56.7	4.22	67.5	5.13	78.8	6.12	84.0	6.65	89.3	7.21	100.5	8.40	111.0	9.66	
118	56.7	4.56	67.5	5.57	78.8	6.65	84.0	7.23	89.3	7.85	100.5	8.81	111.0	9.93	
122	56.7	5.03	67.5	6.16	78.8	7.35	84.0	8.03	89.3	7.71	94.4	6.68	93.9	7.55	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Performance Data

COOLING CAPACITY DATA



ARUM192BTE5 / ARUM192DTE5

192,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130%	-9.9	174.6	4.36	207.4	5.29	241.1	6.28	249.9	6.77	253.5	7.31	262.3	8.38	268.5	8.66
	-5	174.6	4.60	207.4	5.58	241.1	6.62	249.9	7.15	253.5	7.71	262.3	8.84	268.5	9.13
	0	174.6	4.78	207.4	5.81	241.1	6.89	249.9	7.44	253.5	8.02	262.3	9.19	268.5	9.50
	5	174.6	4.96	207.4	6.02	241.1	7.14	249.9	7.71	253.5	8.31	262.3	9.53	268.5	9.85
	10	174.6	5.10	207.4	6.19	241.1	7.35	249.9	7.93	253.5	8.55	262.3	9.80	268.5	10.13
	14	174.6	5.29	207.4	6.41	241.1	7.61	249.9	8.22	253.5	8.86	262.3	10.16	268.5	10.50
	20	174.6	5.38	207.4	6.52	241.1	7.72	249.9	8.34	253.5	8.99	262.3	10.30	268.5	10.65
	25	174.6	5.45	207.4	6.60	241.1	7.82	249.9	8.45	253.5	9.09	262.3	10.42	268.5	10.78
	30	174.6	5.53	207.4	6.69	241.1	7.91	249.9	8.55	253.5	9.19	262.3	10.53	268.5	10.90
	35	174.6	5.59	207.4	6.77	241.1	8.00	249.9	8.65	253.5	9.30	262.3	10.66	268.5	11.03
	40	174.6	5.66	207.4	6.85	241.1	8.10	249.9	8.76	253.5	9.41	262.3	10.79	268.5	11.16
	45	174.6	5.72	207.4	6.92	241.1	8.19	249.9	8.85	253.5	9.50	262.3	10.90	268.5	11.28
	50	174.6	5.78	207.4	6.99	241.1	8.26	249.9	8.93	253.5	9.60	262.3	11.01	268.5	11.39
	55	174.6	5.87	207.4	7.12	241.1	8.42	246.4	9.13	249.9	9.80	258.7	11.20	265.0	11.47
	60	174.6	6.06	207.4	7.37	237.5	8.77	240.9	9.48	243.7	10.18	252.4	11.55	258.7	11.60
	65	174.6	6.19	207.4	7.53	234.0	8.93	237.5	9.67	240.2	10.37	248.9	11.93	255.1	12.03
	70	174.6	5.96	207.4	7.24	229.5	8.90	232.2	9.80	235.8	10.75	244.4	11.94	250.6	12.06
	75	174.6	6.11	207.4	7.71	226.0	9.53	228.7	10.51	232.2	11.53	240.8	12.51	247.1	12.60
	80	174.6	6.94	207.4	8.79	219.8	10.90	222.5	12.03	226.0	13.22	234.5	13.58	240.8	13.70
	85	174.6	7.39	207.4	9.38	216.3	11.64	219.8	12.84	222.5	14.03	230.9	14.15	237.2	14.27
	90	174.6	8.37	203.8	10.66	210.0	13.22	212.7	14.62	216.3	15.13	224.7	15.25	230.9	15.40
	95	176.5	8.87	202.4	11.35	208.7	14.12	212.3	15.61	215.0	15.66	223.5	15.81	229.8	15.96
100	176.5	9.61	198.8	12.27	205.1	15.30	208.7	16.42	211.4	16.51	220.7	16.67	227.1	16.82	
105	176.5	10.83	193.5	13.88	199.7	17.26	202.8	17.66	205.9	17.75	213.0	17.91	216.1	18.09	
110	176.5	12.16	185.5	15.65	193.3	18.83	193.8	18.92	196.7	18.98	200.9	19.17	201.6	19.35	
115	175.6	14.07	178.8	18.00	178.8	19.85	178.8	19.85	178.8	19.85	181.3	19.88	182.2	19.92	
118	152.7	11.92	155.4	15.25	155.6	16.69	155.6	16.84	155.6	16.84	157.9	16.87	157.2	16.90	
122	122.0	9.04	124.7	11.59	124.0	12.70	124.4	12.73	124.7	12.75	126.8	12.79	126.6	12.84	
120%	-9.9	158.9	4.11	189.6	4.98	220.3	5.90	236.1	6.36	246.7	6.86	257.9	7.86	263.2	8.12
	-5	158.9	4.33	189.6	5.25	220.3	6.22	236.1	6.71	246.7	7.23	257.9	8.29	263.2	8.57
	0	158.9	4.51	189.6	5.46	220.3	6.47	236.1	6.98	246.7	7.52	257.9	8.63	263.2	8.92
	5	158.9	4.67	189.6	5.66	220.3	6.71	236.1	7.23	246.7	7.80	257.9	8.94	263.2	9.24
	10	158.9	4.81	189.6	5.83	220.3	6.90	236.1	7.44	246.7	8.02	257.9	9.20	263.2	9.51
	14	158.9	4.98	189.6	6.04	220.3	7.15	236.1	7.71	246.7	8.31	257.9	9.53	263.2	9.85
	20	158.9	5.06	189.6	6.13	220.3	7.25	236.1	7.83	246.7	8.43	257.9	9.67	263.2	9.99
	25	158.9	5.12	189.6	6.20	220.3	7.34	236.1	7.93	246.7	8.53	257.9	9.78	263.2	10.11
	30	158.9	5.19	189.6	6.28	220.3	7.42	236.1	8.03	246.7	8.63	257.9	9.89	263.2	10.23
	35	158.9	5.26	189.6	6.35	220.3	7.51	236.1	8.13	246.7	8.73	257.9	10.01	263.2	10.36
	40	158.9	5.32	189.6	6.44	220.3	7.61	236.1	8.23	246.7	8.85	257.9	10.14	263.2	10.49
	45	158.9	5.38	189.6	6.50	220.3	7.70	236.1	8.33	246.7	8.94	257.9	10.25	263.2	10.61
	50	158.9	5.44	189.6	6.58	220.3	7.78	236.1	8.41	246.7	9.04	257.9	10.37	263.2	10.73
	55	158.9	5.53	189.6	6.70	220.3	7.93	236.1	8.59	244.0	9.22	254.3	10.55	260.5	10.81
	60	158.9	5.71	189.6	6.94	220.3	8.26	234.4	8.92	237.0	9.59	248.0	10.88	253.4	11.07
	65	158.9	5.83	189.6	7.09	220.3	8.41	230.9	9.10	234.4	9.77	244.4	11.24	250.7	11.33
	70	158.9	5.72	189.6	6.95	220.3	8.55	226.5	9.41	229.1	10.32	240.0	11.46	245.3	11.58
	75	158.9	5.86	189.6	7.40	220.3	9.15	223.0	10.09	226.5	11.06	236.4	12.01	242.6	12.09
	80	158.9	6.66	189.6	8.43	214.2	10.46	216.8	11.55	219.5	12.69	230.1	13.04	235.5	13.15
	85	158.9	7.09	189.6	9.01	210.7	11.18	213.3	12.32	216.8	13.47	226.5	13.58	232.8	13.69
	90	158.9	8.03	189.6	10.24	204.5	12.69	207.2	14.04	209.8	14.52	220.3	14.64	225.6	14.78
	95	160.6	8.52	191.6	10.89	203.1	13.55	205.8	14.98	209.3	15.04	219.0	15.18	225.3	15.32
100	160.6	9.22	191.6	11.78	199.6	14.69	203.1	15.77	205.8	15.85	216.2	16.00	221.7	16.15	
105	160.6	10.39	188.6	13.34	194.3	16.58	197.4	16.95	200.0	17.05	209.9	17.19	213.4	17.35	
110	160.6	11.67	183.8	15.02	189.7	18.07	190.3	18.16	193.1	18.22	199.1	18.40	199.9	18.58	
115	156.1	13.51	177.0	17.28	177.0	19.05	177.0	19.05	177.0	19.05	181.4	19.09	182.2	19.12	
118	139.4	11.92	153.9	14.64	154.1	16.02	154.1	16.17	154.1	16.17	157.9	16.20	157.3	16.22	
122	111.4	9.04	123.5	11.13	122.8	12.20	123.2	12.23	123.5	12.24	126.8	12.28	126.6	12.33	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50-130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.



COOLING CAPACITY DATA

ARUM192BTE5 / ARUM192DTE5

192,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-9.9	90.9	2.27	108.0	2.70	126.0	3.17	134.6	3.40	143.1	3.62	160.3	4.15	178.3	4.64
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
	-5	90.9	2.39	108.0	2.85	126.0	3.35	134.6	3.58	143.1	3.82	160.3	4.37	178.3	4.90
	0	90.9	2.49	108.0	2.96	126.0	3.48	134.6	3.73	143.1	3.97	160.3	4.55	178.3	5.09
	5	90.9	2.58	108.0	3.07	126.0	3.61	134.6	3.86	143.1	4.12	160.3	4.72	178.3	5.28
	10	90.9	2.66	108.0	3.16	126.0	3.72	134.6	3.98	143.1	4.24	160.3	4.85	178.3	5.43
	14	90.9	2.75	108.0	3.27	126.0	3.85	134.6	4.12	143.1	4.39	160.3	5.03	178.3	5.63
	20	90.9	2.85	108.0	3.38	126.0	3.97	134.6	4.26	143.1	4.54	160.3	5.19	178.3	5.82
	25	90.9	2.93	108.0	3.47	126.0	4.07	134.6	4.37	143.1	4.67	160.3	5.32	178.3	5.97
	30	90.9	3.01	108.0	3.56	126.0	4.17	134.6	4.48	143.1	4.79	160.3	5.45	178.3	6.13
	35	90.9	3.09	108.0	3.66	126.0	4.29	134.6	4.60	143.1	4.93	160.3	5.59	178.3	6.30
	40	90.9	3.17	108.0	3.75	126.0	4.39	134.6	4.72	143.1	5.05	160.3	5.75	178.3	6.46
	45	90.9	3.21	108.0	3.81	126.0	4.46	134.6	4.80	143.1	5.13	160.3	5.84	178.3	6.56
	50	90.9	3.27	108.0	3.88	126.0	4.54	134.6	4.88	143.1	5.22	160.3	5.94	178.3	6.67
	55	90.9	3.33	108.0	3.95	126.0	4.61	134.6	4.95	143.1	5.31	160.3	6.05	178.3	6.81
	60	90.9	3.42	108.0	4.08	126.0	4.78	134.6	5.14	143.1	5.50	160.3	6.28	178.3	7.07
	65	90.9	3.48	108.0	4.16	126.0	4.86	134.6	5.24	143.1	5.61	160.3	6.39	178.3	7.18
	70	90.9	3.57	108.0	4.27	126.0	5.01	134.6	5.39	143.1	5.78	160.3	6.62	178.3	7.64
	75	90.9	3.63	108.0	4.35	126.0	5.10	134.6	5.58	143.1	6.05	160.3	7.07	178.3	8.09
	80	90.9	3.91	108.0	4.80	126.0	5.80	134.6	6.33	143.1	6.86	160.3	7.82	178.3	8.97
	85	90.9	4.16	108.0	5.10	126.0	6.18	134.6	6.75	143.1	7.39	160.3	8.33	178.3	9.35
90	90.9	4.67	108.0	5.77	126.0	6.99	134.6	7.64	143.1	8.36	160.3	9.29	178.3	10.15	
95	90.9	4.93	108.0	6.12	126.0	7.45	134.6	8.15	143.1	8.87	160.3	9.77	178.3	10.45	
100	90.9	5.33	108.0	6.62	126.0	8.03	134.6	8.79	143.1	9.13	160.3	10.22	178.3	10.75	
105	90.9	6.04	108.0	7.54	126.0	8.86	134.6	9.38	143.1	9.92	160.3	10.77	178.3	11.38	
110	90.9	6.81	108.0	8.54	126.0	9.38	134.6	9.94	143.1	10.76	160.3	11.21	173.1	12.23	
115	90.9	7.32	108.0	9.11	126.0	9.70	134.6	10.51	143.1	11.07	160.3	11.55	163.2	13.02	
118	90.9	7.77	108.0	9.68	126.0	10.30	134.6	11.14	130.2	11.07	134.4	9.80	133.3	11.05	
122	90.9	8.38	108.0	10.48	112.5	9.84	107.5	9.16	104.3	8.38	107.9	7.43	107.3	8.40	
60%	-9.9	78.0	1.97	92.6	2.28	108.0	2.68	114.9	2.86	122.6	3.08	138.0	3.49	152.6	3.90
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
	-5	78.0	2.08	92.6	2.41	108.0	2.83	114.9	3.02	122.6	3.25	138.0	3.68	152.6	4.12
	0	78.0	2.16	92.6	2.51	108.0	2.94	114.9	3.14	122.6	3.38	138.0	3.83	152.6	4.28
	5	78.0	2.24	92.6	2.60	108.0	3.05	114.9	3.26	122.6	3.51	138.0	3.97	152.6	4.44
	10	78.0	2.30	92.6	2.67	108.0	3.14	114.9	3.35	122.6	3.61	138.0	4.09	152.6	4.57
	14	78.0	2.39	92.6	2.77	108.0	3.25	114.9	3.47	122.6	3.74	138.0	4.23	152.6	4.73
	20	78.0	2.46	92.6	2.87	108.0	3.36	114.9	3.59	122.6	3.86	138.0	4.37	152.6	4.90
	25	78.0	2.52	92.6	2.95	108.0	3.44	114.9	3.70	122.6	3.96	138.0	4.49	152.6	5.04
	30	78.0	2.58	92.6	3.04	108.0	3.53	114.9	3.80	122.6	4.06	138.0	4.61	152.6	5.17
	35	78.0	2.64	92.6	3.12	108.0	3.62	114.9	3.89	122.6	4.16	138.0	4.72	152.6	5.31
	40	78.0	2.71	92.6	3.20	108.0	3.72	114.9	4.00	122.6	4.27	138.0	4.85	152.6	5.44
	45	78.0	2.74	92.6	3.23	108.0	3.74	114.9	4.03	122.6	4.31	138.0	4.89	152.6	5.48
	50	78.0	2.76	92.6	3.25	108.0	3.78	114.9	4.06	122.6	4.35	138.0	4.93	152.6	5.54
	55	78.0	2.80	92.6	3.31	108.0	3.86	114.9	4.14	122.6	4.42	138.0	5.03	152.6	5.63
	60	78.0	2.89	92.6	3.42	108.0	3.99	114.9	4.29	122.6	4.59	138.0	5.20	152.6	5.86
	65	78.0	2.93	92.6	3.48	108.0	4.06	114.9	4.37	122.6	4.67	138.0	5.31	152.6	5.97
	70	78.0	3.01	92.6	3.57	108.0	4.18	114.9	4.48	122.6	4.80	138.0	5.46	152.6	6.20
	75	78.0	3.06	92.6	3.63	108.0	4.25	114.9	4.57	122.6	4.95	138.0	5.78	152.6	6.60
	80	78.0	3.25	92.6	3.97	108.0	4.76	114.9	5.20	122.6	5.63	138.0	6.48	152.6	7.46
	85	78.0	3.46	92.6	4.22	108.0	5.07	114.9	5.54	122.6	6.03	138.0	6.82	152.6	7.70
90	78.0	3.88	92.6	4.76	108.0	5.73	114.9	6.26	122.6	6.77	138.0	7.63	152.6	8.40	
95	78.0	4.10	92.6	5.05	108.0	6.09	114.9	6.67	122.6	7.17	138.0	7.97	152.6	8.85	
100	78.0	4.40	92.6	5.43	108.0	6.56	114.9	7.18	122.6	7.49	138.0	8.45	152.6	9.22	
105	78.0	5.01	92.6	6.18	108.0	7.24	114.9	7.66	122.6	8.15	138.0	8.98	152.6	10.06	
110	78.0	5.63	92.6	7.01	108.0	7.81	114.9	8.13	122.6	8.81	138.0	9.61	152.6	10.97	
115	78.0	6.03	92.6	7.49	108.0	8.12	114.9	8.60	122.6	9.12	138.0	10.15	152.6	11.72	
118	78.0	6.38	92.6	7.94	108.0	8.62	114.9	9.14	122.6	9.71	134.4	9.80	133.3	11.05	
122	78.0	6.88	92.6	8.58	108.0	9.34	107.3	9.27	103.8	8.58	107.9	7.43	107.3	8.40	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

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COOLING CAPACITY DATA



ARUM192BTE5 / ARUM192DTE5

192,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-9.9	64.8	1.69	77.1	1.99	90.0	2.23	96.0	2.40	102.0	2.58	114.9	2.87	126.9	3.18
	-5	64.8	1.78	77.1	2.10	90.0	2.35	96.0	2.53	102.0	2.73	114.9	3.02	126.9	3.35
	0	64.8	1.86	77.1	2.18	90.0	2.44	96.0	2.63	102.0	2.83	114.9	3.15	126.9	3.49
	5	64.8	1.92	77.1	2.26	90.0	2.53	96.0	2.73	102.0	2.94	114.9	3.26	126.9	3.62
	10	64.8	1.98	77.1	2.33	90.0	2.61	96.0	2.81	102.0	3.02	114.9	3.35	126.9	3.72
	14	64.8	2.05	77.1	2.41	90.0	2.70	96.0	2.91	102.0	3.13	114.9	3.48	126.9	3.85
	20	64.8	2.13	77.1	2.49	90.0	2.81	96.0	3.02	102.0	3.24	114.9	3.60	126.9	4.00
	25	64.8	2.19	77.1	2.55	90.0	2.91	96.0	3.10	102.0	3.32	114.9	3.71	126.9	4.12
	30	64.8	2.25	77.1	2.61	90.0	3.00	96.0	3.19	102.0	3.41	114.9	3.81	126.9	4.25
	35	64.8	2.31	77.1	2.68	90.0	3.08	96.0	3.28	102.0	3.50	114.9	3.92	126.9	4.36
	40	64.8	2.37	77.1	2.75	90.0	3.16	96.0	3.36	102.0	3.58	114.9	4.01	126.9	4.47
	45	64.8	2.41	77.1	2.79	90.0	3.20	96.0	3.40	102.0	3.63	114.9	4.07	126.9	4.53
	50	64.8	2.44	77.1	2.83	90.0	3.25	96.0	3.45	102.0	3.69	114.9	4.13	126.9	4.60
	55	64.8	2.49	77.1	2.88	90.0	3.30	96.0	3.51	102.0	3.74	114.9	4.21	126.9	4.68
	60	64.8	2.55	77.1	2.96	90.0	3.40	96.0	3.64	102.0	3.87	114.9	4.34	126.9	4.86
	65	64.8	2.57	77.1	3.01	90.0	3.45	96.0	3.69	102.0	3.92	114.9	4.42	126.9	4.93
	70	64.8	2.65	77.1	3.06	90.0	3.53	96.0	3.79	102.0	4.03	114.9	4.55	126.9	5.09
	75	64.8	2.68	77.1	3.12	90.0	3.61	96.0	3.84	102.0	4.10	114.9	4.62	126.9	5.19
	80	64.8	2.75	77.1	3.30	90.0	3.87	96.0	4.18	102.0	4.49	114.9	5.17	126.9	5.90
	85	64.8	2.93	77.1	3.48	90.0	4.10	96.0	4.44	102.0	4.78	114.9	5.51	126.9	6.29
90	64.8	3.27	77.1	3.90	90.0	4.62	96.0	4.99	102.0	5.38	114.9	6.21	126.9	7.12	
95	64.8	3.45	77.1	4.13	90.0	4.88	96.0	5.30	102.0	5.71	114.9	6.60	126.9	7.56	
100	64.8	3.64	77.1	4.36	90.0	5.17	96.0	5.61	102.0	6.05	114.9	7.01	126.9	8.03	
105	64.8	3.97	77.1	4.82	90.0	5.72	96.0	6.19	102.0	6.70	114.9	7.77	126.9	8.93	
110	64.8	4.39	77.1	5.32	90.0	6.34	96.0	6.88	102.0	7.45	114.9	8.68	126.9	9.97	
115	64.8	4.70	77.1	5.71	90.0	6.81	96.0	7.40	102.0	8.03	114.9	9.35	126.9	10.75	
118	64.8	5.08	77.1	6.20	90.0	7.40	96.0	8.05	102.0	8.74	114.9	9.80	126.9	11.05	
122	64.8	5.60	77.1	6.85	90.0	8.18	96.0	8.94	102.0	9.58	107.9	7.43	107.3	8.40	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

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MULTI V 5 with LGRED Outdoor Unit Performance Data Manual



Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130%	-9.9	196.4	4.92	233.3	5.97	271.2	7.09	281.2	7.65	285.2	8.25	295.1	9.46	302.1	9.77
	-5	196.4	5.19	233.3	6.30	271.2	7.48	281.2	8.07	285.2	8.71	295.1	9.98	302.1	10.31
	0	196.4	5.40	233.3	6.56	271.2	7.78	281.2	8.40	285.2	9.06	295.1	10.38	302.1	10.73
	5	196.4	5.60	233.3	6.80	271.2	8.07	281.2	8.70	285.2	9.39	295.1	10.76	302.1	11.12
	10	196.4	5.76	233.3	6.99	271.2	8.30	281.2	8.95	285.2	9.66	295.1	11.07	302.1	11.44
	14	196.4	5.97	233.3	7.24	271.2	8.60	281.2	9.28	285.2	10.01	295.1	11.47	302.1	11.85
	20	196.4	6.07	233.3	7.36	271.2	8.72	281.2	9.42	285.2	10.15	295.1	11.63	302.1	12.03
	25	196.4	6.16	233.3	7.46	271.2	8.83	281.2	9.54	285.2	10.26	295.1	11.76	302.1	12.17
	30	196.4	6.24	233.3	7.55	271.2	8.93	281.2	9.66	285.2	10.38	295.1	11.90	302.1	12.31
	35	196.4	6.31	233.3	7.65	271.2	9.04	281.2	9.76	285.2	10.51	295.1	12.04	302.1	12.46
	40	196.4	6.39	233.3	7.73	271.2	9.15	281.2	9.89	285.2	10.63	295.1	12.18	302.1	12.61
	45	196.4	6.46	233.3	7.81	271.2	9.25	281.2	9.99	285.2	10.73	295.1	12.31	302.1	12.73
	50	196.4	6.52	233.3	7.89	271.2	9.33	281.2	10.09	285.2	10.85	295.1	12.43	302.1	12.86
	55	196.4	6.63	233.3	8.04	271.2	9.51	277.2	10.31	281.2	11.06	291.0	12.65	298.1	12.95
	60	196.4	6.85	233.3	8.32	267.2	9.91	271.0	10.70	274.2	11.49	284.0	13.04	291.0	13.10
	65	196.4	6.99	233.3	8.50	263.2	10.09	267.2	10.92	270.2	11.71	280.0	13.48	287.0	13.58
	70	196.4	6.73	233.3	8.17	258.2	10.06	261.2	11.06	265.2	12.14	274.9	13.49	282.0	13.62
	75	196.4	6.89	233.3	8.71	254.3	10.76	257.2	11.87	261.2	13.02	270.9	14.13	277.9	14.23
	80	196.4	7.84	233.3	9.92	247.3	12.31	250.3	13.59	254.3	14.93	263.8	15.34	270.9	15.47
	85	196.4	8.34	233.3	10.59	243.3	13.15	247.3	14.50	250.3	15.84	259.8	15.98	266.9	16.11
	90	196.4	9.45	229.3	12.04	236.3	14.93	239.3	16.51	243.3	17.09	252.8	17.22	259.8	17.39
	95	198.5	10.02	227.7	12.81	234.8	15.94	238.8	17.62	241.8	17.69	251.4	17.86	258.5	18.03
	100	198.5	10.85	223.7	13.86	230.8	17.28	234.8	18.55	237.8	18.65	248.3	18.82	255.5	18.99
105	198.5	12.23	217.7	15.68	224.7	19.49	228.2	19.94	231.7	20.05	239.7	20.23	243.2	20.42	
110	198.5	13.73	208.7	17.67	217.4	21.26	218.1	21.37	221.3	21.44	226.0	21.65	226.8	21.85	
115	197.5	15.89	201.1	20.32	201.1	22.41	201.1	22.41	201.1	22.41	204.0	22.45	204.9	22.49	
118	171.7	13.46	174.9	17.22	175.1	18.85	175.1	19.02	175.1	19.02	177.6	19.05	176.9	19.09	
122	137.2	10.21	140.2	13.09	139.6	14.35	139.9	14.38	140.2	14.40	142.6	14.44	142.4	14.50	
120%	-9.9	178.7	4.64	213.3	5.62	247.9	6.66	265.6	7.18	277.5	7.74	290.1	8.88	296.1	9.17
	-5	178.7	4.89	213.3	5.93	247.9	7.02	265.6	7.57	277.5	8.17	290.1	9.36	296.1	9.68
	0	178.7	5.09	213.3	6.17	247.9	7.31	265.6	7.88	277.5	8.50	290.1	9.74	296.1	10.07
	5	178.7	5.28	213.3	6.40	247.9	7.57	265.6	8.17	277.5	8.81	290.1	10.10	296.1	10.44
	10	178.7	5.43	213.3	6.58	247.9	7.79	265.6	8.40	277.5	9.06	290.1	10.39	296.1	10.74
	14	178.7	5.63	213.3	6.82	247.9	8.07	265.6	8.71	277.5	9.39	290.1	10.76	296.1	11.12
	20	178.7	5.71	213.3	6.92	247.9	8.19	265.6	8.84	277.5	9.52	290.1	10.92	296.1	11.29
	25	178.7	5.79	213.3	7.01	247.9	8.29	265.6	8.95	277.5	9.63	290.1	11.04	296.1	11.42
	30	178.7	5.86	213.3	7.09	247.9	8.38	265.6	9.06	277.5	9.74	290.1	11.17	296.1	11.56
	35	178.7	5.94	213.3	7.17	247.9	8.49	265.6	9.18	277.5	9.86	290.1	11.30	296.1	11.70
	40	178.7	6.01	213.3	7.27	247.9	8.60	265.6	9.29	277.5	9.99	290.1	11.45	296.1	11.85
	45	178.7	6.08	213.3	7.35	247.9	8.69	265.6	9.40	277.5	10.10	290.1	11.57	296.1	11.98
	50	178.7	6.14	213.3	7.43	247.9	8.79	265.6	9.50	277.5	10.21	290.1	11.71	296.1	12.11
	55	178.7	6.24	213.3	7.57	247.9	8.96	265.6	9.71	274.5	10.42	286.1	11.91	293.1	12.20
	60	178.7	6.45	213.3	7.84	247.9	9.33	263.7	10.08	266.6	10.82	279.0	12.28	285.1	12.50
	65	178.7	6.58	213.3	8.01	247.9	9.50	259.7	10.28	263.7	11.03	275.0	12.69	282.0	12.79
	70	178.7	6.46	213.3	7.85	247.9	9.65	254.8	10.62	257.7	11.66	269.9	12.95	276.0	13.08
	75	178.7	6.62	213.3	8.36	247.9	10.33	250.8	11.40	254.8	12.50	265.9	13.56	273.0	13.66
	80	178.7	7.52	213.3	9.52	241.0	11.82	243.9	13.04	246.9	14.34	258.9	14.72	264.9	14.85
	85	178.7	8.01	213.3	10.17	237.0	12.62	240.0	13.92	243.9	15.21	254.8	15.34	261.9	15.47
	90	178.7	9.07	213.3	11.56	230.1	14.34	233.1	15.85	236.0	16.40	247.8	16.53	253.8	16.69
	95	180.6	9.62	215.6	12.30	228.5	15.30	231.5	16.92	235.5	16.98	246.3	17.14	253.5	17.31
	100	180.6	10.41	215.6	13.30	224.5	16.59	228.5	17.81	231.5	17.90	243.3	18.07	249.4	18.23
105	180.6	11.73	212.1	15.06	218.6	18.72	222.1	19.14	225.0	19.25	236.2	19.42	240.1	19.60	
110	180.6	13.18	206.7	16.96	213.4	20.41	214.1	20.51	217.2	20.58	224.0	20.78	224.9	20.98	
115	175.6	15.25	199.1	19.51	199.1	21.52	199.1	21.52	199.1	21.52	204.0	21.56	205.0	21.59	
118	156.8	13.46	173.2	16.53	173.4	18.09	173.4	18.26	173.4	18.26	177.7	18.29	176.9	18.32	
122	125.3	10.21	138.9	12.57	138.2	13.77	138.5	13.81	138.9	13.82	142.7	13.86	142.4	13.92	

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Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	-9.9	131.1	3.35	156.2	4.02	182.3	4.74	194.8	5.10	207.3	5.45	232.4	6.28	257.5	6.89
	-5	131.1	3.54	156.2	4.24	182.3	5.01	194.8	5.38	207.3	5.75	232.4	6.63	257.5	7.27
	0	131.1	3.68	156.2	4.41	182.3	5.21	194.8	5.60	207.3	5.98	232.4	6.89	257.5	7.57
	5	131.1	3.81	156.2	4.57	182.3	5.40	194.8	5.80	207.3	6.20	232.4	7.14	257.5	7.84
	10	131.1	3.92	156.2	4.70	182.3	5.55	194.8	5.97	207.3	6.38	232.4	7.35	257.5	8.07
	14	131.1	4.06	156.2	4.87	182.3	5.75	194.8	6.19	207.3	6.61	232.4	7.62	257.5	8.36
	20	131.1	4.21	156.2	5.06	182.3	5.97	194.8	6.43	207.3	6.89	232.4	7.89	257.5	8.68
	25	131.1	4.33	156.2	5.21	182.3	6.15	194.8	6.62	207.3	7.12	232.4	8.12	257.5	8.95
	30	131.1	4.46	156.2	5.36	182.3	6.33	194.8	6.82	207.3	7.35	232.4	8.34	257.5	9.21
	35	131.1	4.60	156.2	5.53	182.3	6.52	194.8	7.02	207.3	7.56	232.4	8.59	257.5	9.50
	40	131.1	4.73	156.2	5.69	182.3	6.71	194.8	7.24	207.3	7.79	232.4	8.85	257.5	9.77
	45	131.1	4.84	156.2	5.83	182.3	6.87	194.8	7.41	207.3	7.98	232.4	9.05	257.5	10.01
	50	131.1	4.95	156.2	5.95	182.3	7.02	194.8	7.57	207.3	8.15	232.4	9.26	257.5	10.22
	55	131.1	5.01	156.2	6.05	182.3	7.14	194.8	7.73	207.3	8.31	232.4	9.44	257.5	10.32
	60	131.1	5.19	156.2	6.29	182.3	7.42	194.8	8.03	207.3	8.64	232.4	9.81	255.3	10.44
	65	131.1	5.28	156.2	6.41	182.3	7.57	194.8	8.18	207.3	8.79	232.4	9.99	253.6	10.96
	70	131.1	5.44	156.2	6.60	182.3	7.85	194.8	8.64	207.3	9.44	232.4	11.14	248.8	11.77
	75	131.1	5.53	156.2	6.90	182.3	8.40	194.8	9.25	207.3	10.14	232.4	11.62	244.9	12.30
	80	131.1	6.20	156.2	7.82	182.3	9.59	194.8	10.56	207.3	11.57	232.4	12.85	238.2	13.37
	85	131.1	6.60	156.2	8.34	182.3	10.26	194.8	11.27	207.3	12.37	229.5	13.53	234.3	13.92
90	131.1	7.45	156.2	9.44	182.3	11.63	194.8	12.82	207.3	14.08	222.8	14.81	227.6	15.03	
95	131.1	7.94	156.2	10.02	182.3	12.40	194.8	13.68	207.3	15.02	218.9	15.37	223.7	15.58	
100	131.1	8.20	156.2	10.44	182.3	12.91	194.8	14.22	207.3	15.35	216.0	16.03	219.9	16.21	
105	131.1	9.50	156.2	12.11	182.3	14.60	194.8	15.57	205.0	16.46	209.3	17.18	212.1	17.40	
110	131.1	10.91	156.2	13.97	182.3	16.02	194.8	16.81	196.7	17.85	199.3	18.46	200.9	18.67	
115	131.1	11.82	156.2	15.14	170.7	16.87	184.7	17.59	187.3	18.42	189.1	18.82	189.9	19.06	
118	131.1	12.55	152.3	16.34	148.6	14.18	160.8	14.92	163.1	15.63	164.6	15.97	163.9	16.18	
122	124.6	12.44	122.1	12.43	118.4	10.80	128.5	11.29	130.6	11.83	132.2	12.11	131.9	12.29	
80%	-9.9	116.7	2.90	138.9	3.50	162.0	4.06	172.6	4.41	184.2	4.76	206.4	5.43	228.5	6.05
	-5	116.7	3.06	138.9	3.69	162.0	4.28	172.6	4.65	184.2	5.02	206.4	5.73	228.5	6.38
	0	116.7	3.19	138.9	3.84	162.0	4.46	172.6	4.84	184.2	5.22	206.4	5.96	228.5	6.64
	5	116.7	3.30	138.9	3.98	162.0	4.62	172.6	5.02	184.2	5.41	206.4	6.18	228.5	6.88
	10	116.7	3.40	138.9	4.09	162.0	4.75	172.6	5.16	184.2	5.57	206.4	6.36	228.5	7.08
	14	116.7	3.52	138.9	4.24	162.0	4.93	172.6	5.35	184.2	5.77	206.4	6.59	228.5	7.34
	20	116.7	3.65	138.9	4.39	162.0	5.12	172.6	5.55	184.2	5.97	206.4	6.82	228.5	7.62
	25	116.7	3.77	138.9	4.52	162.0	5.29	172.6	5.72	184.2	6.13	206.4	7.02	228.5	7.85
	30	116.7	3.88	138.9	4.64	162.0	5.45	172.6	5.88	184.2	6.30	206.4	7.22	228.5	8.09
	35	116.7	3.98	138.9	4.78	162.0	5.61	172.6	6.04	184.2	6.47	206.4	7.42	228.5	8.32
	40	116.7	4.09	138.9	4.90	162.0	5.75	172.6	6.21	184.2	6.65	206.4	7.62	228.5	8.54
	45	116.7	4.15	138.9	4.96	162.0	5.84	172.6	6.30	184.2	6.73	206.4	7.73	228.5	8.65
	50	116.7	4.21	138.9	5.04	162.0	5.91	172.6	6.38	184.2	6.83	206.4	7.83	228.5	8.77
	55	116.7	4.27	138.9	5.12	162.0	6.02	172.6	6.49	184.2	6.96	206.4	7.98	228.5	8.92
	60	116.7	4.42	138.9	5.29	162.0	6.23	172.6	6.72	184.2	7.24	206.4	8.26	228.5	9.29
	65	116.7	4.48	138.9	5.40	162.0	6.36	172.6	6.85	184.2	7.39	206.4	8.41	228.5	9.50
	70	116.7	4.61	138.9	5.55	162.0	6.55	172.6	7.07	184.2	7.69	206.4	9.07	228.5	10.50
	75	116.7	4.70	138.9	5.66	162.0	6.87	172.6	7.54	184.2	8.20	206.4	9.65	228.5	11.07
	80	116.7	5.14	138.9	6.43	162.0	7.83	172.6	8.56	184.2	9.35	206.4	11.10	228.5	12.37
	85	116.7	5.49	138.9	6.83	162.0	8.35	172.6	9.14	184.2	10.01	206.4	11.83	228.5	12.69
90	116.7	6.17	138.9	7.75	162.0	9.44	172.6	10.37	184.2	11.38	206.4	13.00	224.8	13.45	
95	116.7	6.55	138.9	8.20	162.0	10.08	172.6	11.02	184.2	12.10	206.4	13.45	220.0	13.82	
100	116.7	7.07	138.9	8.84	162.0	10.87	172.6	11.80	184.2	12.58	206.4	14.00	215.0	14.26	
105	116.7	8.05	138.9	10.11	162.0	12.10	172.6	12.66	184.2	13.49	203.9	14.56	208.9	14.97	
110	116.7	9.14	138.9	11.53	162.0	12.83	172.6	13.53	184.2	14.54	196.7	15.09	197.7	15.74	
115	116.7	9.78	138.9	12.32	162.0	13.26	172.6	14.22	172.6	14.88	173.7	15.43	173.7	16.37	
118	116.7	10.38	138.9	13.09	148.6	14.18	151.6	13.49	150.3	12.62	151.2	13.10	149.9	13.89	
122	116.7	11.22	122.5	12.35	118.4	10.80	121.1	10.21	120.4	9.56	121.4	9.93	120.7	10.55	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA



ARUM216BTE5 / ARUM216DTE5

216,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-9.9	102.2	2.56	121.5	3.05	141.8	3.58	151.4	3.84	161.0	4.09	180.3	4.68	200.6	5.24
	-5	102.2	2.70	121.5	3.21	141.8	3.78	151.4	4.05	161.0	4.31	180.3	4.94	200.6	5.53
	0	102.2	2.81	121.5	3.34	141.8	3.93	151.4	4.21	161.0	4.49	180.3	5.14	200.6	5.75
	5	102.2	2.92	121.5	3.47	141.8	4.08	151.4	4.36	161.0	4.65	180.3	5.33	200.6	5.96
	10	102.2	3.00	121.5	3.56	141.8	4.20	151.4	4.49	161.0	4.78	180.3	5.48	200.6	6.13
	14	102.2	3.11	121.5	3.69	141.8	4.35	151.4	4.65	161.0	4.96	180.3	5.68	200.6	6.36
	20	102.2	3.22	121.5	3.82	141.8	4.48	151.4	4.81	161.0	5.13	180.3	5.86	200.6	6.57
	25	102.2	3.30	121.5	3.92	141.8	4.60	151.4	4.93	161.0	5.27	180.3	6.01	200.6	6.75
	30	102.2	3.39	121.5	4.02	141.8	4.71	151.4	5.06	161.0	5.41	180.3	6.16	200.6	6.93
	35	102.2	3.49	121.5	4.13	141.8	4.84	151.4	5.20	161.0	5.56	180.3	6.32	200.6	7.12
	40	102.2	3.57	121.5	4.24	141.8	4.96	151.4	5.33	161.0	5.70	180.3	6.49	200.6	7.29
	45	102.2	3.63	121.5	4.30	141.8	5.04	151.4	5.43	161.0	5.79	180.3	6.59	200.6	7.41
	50	102.2	3.69	121.5	4.38	141.8	5.12	151.4	5.51	161.0	5.89	180.3	6.70	200.6	7.54
	55	102.2	3.76	121.5	4.46	141.8	5.21	151.4	5.59	161.0	6.00	180.3	6.83	200.6	7.69
	60	102.2	3.86	121.5	4.61	141.8	5.40	151.4	5.81	161.0	6.21	180.3	7.09	200.6	7.98
	65	102.2	3.93	121.5	4.70	141.8	5.49	151.4	5.91	161.0	6.34	180.3	7.22	200.6	8.11
	70	102.2	4.03	121.5	4.82	141.8	5.66	151.4	6.08	161.0	6.53	180.3	7.47	200.6	8.62
	75	102.2	4.10	121.5	4.91	141.8	5.76	151.4	6.30	161.0	6.83	180.3	7.98	200.6	9.13
	80	102.2	4.42	121.5	5.42	141.8	6.55	151.4	7.15	161.0	7.75	180.3	8.83	200.6	10.13
	85	102.2	4.70	121.5	5.76	141.8	6.98	151.4	7.62	161.0	8.35	180.3	9.41	200.6	10.56
	90	102.2	5.27	121.5	6.51	141.8	7.90	151.4	8.62	161.0	9.44	180.3	10.49	200.6	11.46
95	102.2	5.57	121.5	6.92	141.8	8.41	151.4	9.20	161.0	10.01	180.3	11.03	200.6	11.81	
100	102.2	6.02	121.5	7.47	141.8	9.07	151.4	9.93	161.0	10.31	180.3	11.54	200.6	12.14	
105	102.2	6.82	121.5	8.51	141.8	10.01	151.4	10.59	161.0	11.20	180.3	12.16	200.6	12.85	
110	102.2	7.69	121.5	9.65	141.8	10.59	151.4	11.23	161.0	12.15	180.3	12.66	194.8	13.82	
115	102.2	8.26	121.5	10.29	141.8	10.95	151.4	11.87	161.0	12.50	180.3	13.05	183.6	14.71	
118	102.2	8.77	121.5	10.93	141.8	11.63	151.4	12.58	146.5	12.50	151.2	11.07	149.9	12.48	
122	102.2	9.46	121.5	11.84	126.5	11.11	121.0	10.34	117.4	9.46	121.4	8.39	120.7	9.48	
60%	-9.9	87.8	2.22	104.1	2.58	121.5	3.03	129.2	3.23	137.9	3.48	155.3	3.94	171.6	4.41
	-5	87.8	2.34	104.1	2.72	121.5	3.19	129.2	3.41	137.9	3.67	155.3	4.16	171.6	4.65
	0	87.8	2.44	104.1	2.83	121.5	3.32	129.2	3.55	137.9	3.82	155.3	4.33	171.6	4.84
	5	87.8	2.53	104.1	2.93	121.5	3.44	129.2	3.68	137.9	3.96	155.3	4.49	171.6	5.01
	10	87.8	2.60	104.1	3.02	121.5	3.54	129.2	3.79	137.9	4.08	155.3	4.61	171.6	5.16
	14	87.8	2.69	104.1	3.13	121.5	3.67	129.2	3.92	137.9	4.22	155.3	4.78	171.6	5.35
	20	87.8	2.78	104.1	3.24	121.5	3.79	129.2	4.06	137.9	4.36	155.3	4.94	171.6	5.53
	25	87.8	2.84	104.1	3.34	121.5	3.89	129.2	4.17	137.9	4.47	155.3	5.07	171.6	5.69
	30	87.8	2.91	104.1	3.43	121.5	3.99	129.2	4.29	137.9	4.59	155.3	5.20	171.6	5.84
	35	87.8	2.98	104.1	3.52	121.5	4.09	129.2	4.40	137.9	4.70	155.3	5.33	171.6	5.99
	40	87.8	3.06	104.1	3.61	121.5	4.20	129.2	4.51	137.9	4.83	155.3	5.48	171.6	6.15
	45	87.8	3.09	104.1	3.64	121.5	4.23	129.2	4.55	137.9	4.87	155.3	5.52	171.6	6.19
	50	87.8	3.12	104.1	3.67	121.5	4.27	129.2	4.59	137.9	4.91	155.3	5.57	171.6	6.25
	55	87.8	3.16	104.1	3.74	121.5	4.35	129.2	4.68	137.9	5.00	155.3	5.68	171.6	6.36
	60	87.8	3.27	104.1	3.86	121.5	4.50	129.2	4.85	137.9	5.19	155.3	5.87	171.6	6.62
	65	87.8	3.31	104.1	3.93	121.5	4.59	129.2	4.93	137.9	5.27	155.3	6.00	171.6	6.75
	70	87.8	3.39	104.1	4.03	121.5	4.72	129.2	5.06	137.9	5.42	155.3	6.17	171.6	7.00
	75	87.8	3.46	104.1	4.10	121.5	4.80	129.2	5.17	137.9	5.59	155.3	6.53	171.6	7.46
	80	87.8	3.67	104.1	4.48	121.5	5.38	129.2	5.87	137.9	6.36	155.3	7.32	171.6	8.43
	85	87.8	3.91	104.1	4.76	121.5	5.72	129.2	6.25	137.9	6.81	155.3	7.70	171.6	8.70
	90	87.8	4.38	104.1	5.38	121.5	6.47	129.2	7.07	137.9	7.65	155.3	8.61	171.6	9.49
95	87.8	4.63	104.1	5.70	121.5	6.87	129.2	7.54	137.9	8.10	155.3	9.00	171.6	9.99	
100	87.8	4.97	104.1	6.13	121.5	7.41	129.2	8.11	137.9	8.46	155.3	9.55	171.6	10.42	
105	87.8	5.66	104.1	6.98	121.5	8.18	129.2	8.65	137.9	9.21	155.3	10.14	171.6	11.36	
110	87.8	6.36	104.1	7.92	121.5	8.82	129.2	9.18	137.9	9.95	155.3	10.85	171.6	12.39	
115	87.8	6.81	104.1	8.45	121.5	9.17	129.2	9.71	137.9	10.30	155.3	11.47	171.6	13.24	
118	87.8	7.21	104.1	8.96	121.5	9.73	129.2	10.32	137.9	10.96	151.2	11.07	149.9	12.48	
122	87.8	7.77	104.1	9.69	121.5	10.54	120.7	10.47	116.8	9.69	121.4	8.39	120.7	9.48	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50-130%.
 Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.



COOLING CAPACITY DATA

ARUM216BTE5 / ARUM216DTE5

216,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-9.9	72.9	1.91	86.8	2.25	101.3	2.52	108.0	2.71	114.8	2.92	129.2	3.24	142.7	3.59
	-5	72.9	2.02	86.8	2.37	101.3	2.65	108.0	2.86	114.8	3.08	129.2	3.42	142.7	3.79
	0	72.9	2.10	86.8	2.47	101.3	2.76	108.0	2.97	114.8	3.20	129.2	3.55	142.7	3.94
	5	72.9	2.17	86.8	2.56	101.3	2.86	108.0	3.08	114.8	3.32	129.2	3.68	142.7	4.08
	10	72.9	2.24	86.8	2.63	101.3	2.94	108.0	3.17	114.8	3.41	129.2	3.79	142.7	4.20
	14	72.9	2.32	86.8	2.73	101.3	3.05	108.0	3.29	114.8	3.54	129.2	3.93	142.7	4.35
	20	72.9	2.40	86.8	2.81	101.3	3.18	108.0	3.41	114.8	3.65	129.2	4.07	142.7	4.52
	25	72.9	2.47	86.8	2.88	101.3	3.28	108.0	3.50	114.8	3.75	129.2	4.19	142.7	4.66
	30	72.9	2.55	86.8	2.95	101.3	3.39	108.0	3.60	114.8	3.85	129.2	4.31	142.7	4.80
	35	72.9	2.61	86.8	3.03	101.3	3.47	108.0	3.70	114.8	3.95	129.2	4.43	142.7	4.92
	40	72.9	2.68	86.8	3.11	101.3	3.56	108.0	3.79	114.8	4.05	129.2	4.53	142.7	5.05
	45	72.9	2.72	86.8	3.15	101.3	3.61	108.0	3.84	114.8	4.10	129.2	4.60	142.7	5.12
	50	72.9	2.76	86.8	3.20	101.3	3.67	108.0	3.90	114.8	4.17	129.2	4.66	142.7	5.19
	55	72.9	2.82	86.8	3.26	101.3	3.73	108.0	3.96	114.8	4.22	129.2	4.75	142.7	5.28
	60	72.9	2.87	86.8	3.34	101.3	3.84	108.0	4.11	114.8	4.37	129.2	4.90	142.7	5.49
	65	72.9	2.90	86.8	3.40	101.3	3.90	108.0	4.17	114.8	4.43	129.2	4.99	142.7	5.57
	70	72.9	2.99	86.8	3.46	101.3	3.99	108.0	4.28	114.8	4.55	129.2	5.13	142.7	5.75
	75	72.9	3.02	86.8	3.52	101.3	4.08	108.0	4.34	114.8	4.63	129.2	5.22	142.7	5.87
	80	72.9	3.11	86.8	3.73	101.3	4.37	108.0	4.72	114.8	5.07	129.2	5.84	142.7	6.66
	85	72.9	3.31	86.8	3.93	101.3	4.63	108.0	5.02	114.8	5.40	129.2	6.22	142.7	7.10
90	72.9	3.70	86.8	4.40	101.3	5.22	108.0	5.63	114.8	6.07	129.2	7.01	142.7	8.04	
95	72.9	3.90	86.8	4.66	101.3	5.51	108.0	5.98	114.8	6.45	129.2	7.45	142.7	8.54	
100	72.9	4.11	86.8	4.93	101.3	5.84	108.0	6.34	114.8	6.83	129.2	7.92	142.7	9.06	
105	72.9	4.49	86.8	5.44	101.3	6.46	108.0	6.99	114.8	7.56	129.2	8.78	142.7	10.08	
110	72.9	4.96	86.8	6.01	101.3	7.16	108.0	7.77	114.8	8.42	129.2	9.80	142.7	11.26	
115	72.9	5.31	86.8	6.45	101.3	7.69	108.0	8.36	114.8	9.06	129.2	10.56	142.7	12.14	
118	72.9	5.74	86.8	7.00	101.3	8.35	108.0	9.09	114.8	9.87	129.2	11.07	142.7	12.48	
122	72.9	6.33	86.8	7.74	101.3	9.24	108.0	10.09	114.8	9.69	121.4	8.39	120.7	9.48	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Performance Data

COOLING CAPACITY DATA



ARUM241BTE5 / ARUM241DTE5

240,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	-9.9	145.7	3.66	173.6	4.39	202.5	5.18	216.4	5.58	230.4	5.96	258.2	6.86	286.1	7.53
	-5	145.7	3.87	173.6	4.63	202.5	5.47	216.4	5.88	230.4	6.29	258.2	7.24	286.1	7.95
	0	145.7	4.02	173.6	4.82	202.5	5.69	216.4	6.12	230.4	6.54	258.2	7.53	286.1	8.27
	5	145.7	4.17	173.6	4.99	202.5	5.90	216.4	6.34	230.4	6.78	258.2	7.81	286.1	8.57
	10	145.7	4.29	173.6	5.14	202.5	6.07	216.4	6.53	230.4	6.97	258.2	8.03	286.1	8.82
	14	145.7	4.44	173.6	5.32	202.5	6.29	216.4	6.76	230.4	7.23	258.2	8.32	286.1	9.14
	20	145.7	4.60	173.6	5.53	202.5	6.52	216.4	7.02	230.4	7.53	258.2	8.62	286.1	9.49
	25	145.7	4.74	173.6	5.70	202.5	6.72	216.4	7.24	230.4	7.78	258.2	8.87	286.1	9.78
	30	145.7	4.87	173.6	5.86	202.5	6.92	216.4	7.46	230.4	8.03	258.2	9.12	286.1	10.07
	35	145.7	5.02	173.6	6.05	202.5	7.12	216.4	7.68	230.4	8.27	258.2	9.39	286.1	10.38
	40	145.7	5.17	173.6	6.22	202.5	7.34	216.4	7.91	230.4	8.52	258.2	9.68	286.1	10.68
	45	145.7	5.29	173.6	6.37	202.5	7.51	216.4	8.10	230.4	8.72	258.2	9.90	286.1	10.94
	50	145.7	5.41	173.6	6.51	202.5	7.68	216.4	8.28	230.4	8.91	258.2	10.12	286.1	11.17
	55	145.7	5.47	173.6	6.61	202.5	7.81	216.4	8.44	230.4	9.08	258.2	10.32	286.1	11.28
	60	145.7	5.67	173.6	6.88	202.5	8.11	216.4	8.78	230.4	9.45	258.2	10.72	283.7	11.41
	65	145.7	5.77	173.6	7.01	202.5	8.28	216.4	8.94	230.4	9.61	258.2	10.92	281.8	11.98
	70	145.7	5.94	173.6	7.21	202.5	8.58	216.4	9.45	230.4	10.31	258.2	12.18	276.4	12.87
	75	145.7	6.04	173.6	7.54	202.5	9.18	216.4	10.11	230.4	11.08	258.2	12.71	272.1	13.44
	80	145.7	6.78	173.6	8.54	202.5	10.48	216.4	11.55	230.4	12.65	258.2	14.04	264.6	14.62
	85	145.7	7.21	173.6	9.11	202.5	11.21	216.4	12.32	230.4	13.52	255.0	14.79	260.4	15.22
	90	145.7	8.14	173.6	10.31	202.5	12.72	216.4	14.02	230.4	15.39	247.5	16.19	252.9	16.43
	95	145.7	8.68	173.6	10.95	202.5	13.55	216.4	14.95	230.4	16.42	243.2	16.80	248.6	17.03
100	145.7	8.96	173.6	11.41	202.5	14.12	216.4	15.54	230.4	16.78	240.0	17.52	244.3	17.72	
105	145.7	10.38	173.6	13.24	202.5	15.96	216.4	17.02	227.8	17.99	232.6	18.78	235.7	19.02	
110	145.7	11.93	173.6	15.27	202.5	17.51	216.4	18.38	218.6	19.51	221.5	20.17	223.2	20.40	
115	145.7	12.91	173.6	16.55	189.6	18.44	205.2	19.23	208.1	20.13	210.1	20.57	211.0	20.84	
118	145.7	13.72	169.2	17.86	165.1	15.50	178.7	16.31	181.2	17.08	182.9	17.46	182.1	17.68	
122	138.4	13.59	135.7	13.58	131.6	11.80	142.8	12.34	145.1	12.93	146.9	13.23	146.6	13.43	
80%	-9.9	129.6	3.17	154.3	3.82	180.0	4.44	191.8	4.82	204.6	5.20	229.3	5.94	253.9	6.61
	-5	129.6	3.35	154.3	4.03	180.0	4.68	191.8	5.09	204.6	5.49	229.3	6.26	253.9	6.98
	0	129.6	3.48	154.3	4.20	180.0	4.87	191.8	5.29	204.6	5.71	229.3	6.51	253.9	7.26
	5	129.6	3.61	154.3	4.35	180.0	5.05	191.8	5.48	204.6	5.91	229.3	6.75	253.9	7.52
	10	129.6	3.71	154.3	4.47	180.0	5.19	191.8	5.64	204.6	6.08	229.3	6.95	253.9	7.74
	14	129.6	3.85	154.3	4.64	180.0	5.38	191.8	5.85	204.6	6.30	229.3	7.20	253.9	8.02
	20	129.6	3.99	154.3	4.80	180.0	5.60	191.8	6.07	204.6	6.52	229.3	7.46	253.9	8.33
	25	129.6	4.12	154.3	4.94	180.0	5.78	191.8	6.25	204.6	6.70	229.3	7.68	253.9	8.58
	30	129.6	4.24	154.3	5.08	180.0	5.96	191.8	6.43	204.6	6.88	229.3	7.90	253.9	8.84
	35	129.6	4.35	154.3	5.22	180.0	6.13	191.8	6.60	204.6	7.07	229.3	8.11	253.9	9.09
	40	129.6	4.47	154.3	5.36	180.0	6.29	191.8	6.79	204.6	7.27	229.3	8.33	253.9	9.33
	45	129.6	4.54	154.3	5.43	180.0	6.38	191.8	6.89	204.6	7.36	229.3	8.45	253.9	9.46
	50	129.6	4.60	154.3	5.51	180.0	6.46	191.8	6.98	204.6	7.47	229.3	8.56	253.9	9.59
	55	129.6	4.67	154.3	5.60	180.0	6.58	191.8	7.09	204.6	7.61	229.3	8.73	253.9	9.75
	60	129.6	4.83	154.3	5.79	180.0	6.81	191.8	7.35	204.6	7.91	229.3	9.03	253.9	10.15
	65	129.6	4.90	154.3	5.90	180.0	6.95	191.8	7.49	204.6	8.07	229.3	9.19	253.9	10.38
	70	129.6	5.04	154.3	6.07	180.0	7.16	191.8	7.72	204.6	8.40	229.3	9.92	253.9	11.48
	75	129.6	5.13	154.3	6.18	180.0	7.51	191.8	8.24	204.6	8.96	229.3	10.55	253.9	12.11
	80	129.6	5.62	154.3	7.02	180.0	8.56	191.8	9.36	204.6	10.22	229.3	12.13	253.9	13.52
	85	129.6	6.00	154.3	7.47	180.0	9.12	191.8	9.99	204.6	10.94	229.3	12.93	253.9	13.87
	90	129.6	6.74	154.3	8.47	180.0	10.31	191.8	11.34	204.6	12.44	229.3	14.21	249.8	14.70
	95	129.6	7.16	154.3	8.96	180.0	11.01	191.8	12.04	204.6	13.23	229.3	14.70	244.4	15.10
100	129.6	7.72	154.3	9.66	180.0	11.88	191.8	12.90	204.6	13.76	229.3	15.31	238.9	15.59	
105	129.6	8.80	154.3	11.05	180.0	13.22	191.8	13.84	204.6	14.75	226.6	15.91	232.1	16.36	
110	129.6	9.99	154.3	12.60	180.0	14.03	191.8	14.78	204.6	15.89	218.6	16.50	219.6	17.21	
115	129.6	10.69	154.3	13.46	180.0	14.49	191.8	15.54	191.8	16.26	193.0	16.87	193.0	17.89	
118	129.6	11.34	154.3	14.31	165.1	15.50	168.4	14.75	167.0	13.80	168.0	14.31	166.6	15.18	
122	129.6	12.27	136.1	13.50	131.6	11.80	134.6	11.15	133.8	10.45	134.9	10.85	134.1	11.53	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.



COOLING CAPACITY DATA

ARUM241BTE5 / ARUM241DTE5

240,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70%	-9.9	113.6	2.80	135.0	3.33	157.5	3.92	168.2	4.19	178.9	4.47	200.4	5.12	222.9	5.73
	-5	113.6	2.96	135.0	3.51	157.5	4.13	168.2	4.42	178.9	4.71	200.4	5.40	222.9	6.04
	0	113.6	3.07	135.0	3.65	157.5	4.30	168.2	4.60	178.9	4.90	200.4	5.62	222.9	6.29
	5	113.6	3.19	135.0	3.79	157.5	4.46	168.2	4.77	178.9	5.08	200.4	5.82	222.9	6.52
	10	113.6	3.28	135.0	3.90	157.5	4.59	168.2	4.91	178.9	5.23	200.4	5.99	222.9	6.70
	14	113.6	3.40	135.0	4.04	157.5	4.75	168.2	5.09	178.9	5.42	200.4	6.21	222.9	6.95
	20	113.6	3.51	135.0	4.17	157.5	4.90	168.2	5.25	178.9	5.61	200.4	6.40	222.9	7.18
	25	113.6	3.61	135.0	4.28	157.5	5.02	168.2	5.39	178.9	5.76	200.4	6.57	222.9	7.38
	30	113.6	3.71	135.0	4.40	157.5	5.15	168.2	5.53	178.9	5.92	200.4	6.73	222.9	7.57
	35	113.6	3.81	135.0	4.52	157.5	5.29	168.2	5.68	178.9	6.08	200.4	6.90	222.9	7.78
	40	113.6	3.91	135.0	4.63	157.5	5.42	168.2	5.83	178.9	6.23	200.4	7.09	222.9	7.97
	45	113.6	3.96	135.0	4.70	157.5	5.51	168.2	5.93	178.9	6.33	200.4	7.21	222.9	8.10
	50	113.6	4.04	135.0	4.78	157.5	5.60	168.2	6.02	178.9	6.44	200.4	7.33	222.9	8.24
	55	113.6	4.11	135.0	4.88	157.5	5.69	168.2	6.11	178.9	6.56	200.4	7.47	222.9	8.40
	60	113.6	4.22	135.0	5.04	157.5	5.90	168.2	6.35	178.9	6.79	200.4	7.75	222.9	8.73
	65	113.6	4.29	135.0	5.13	157.5	6.00	168.2	6.46	178.9	6.93	200.4	7.89	222.9	8.87
	70	113.6	4.41	135.0	5.27	157.5	6.18	168.2	6.65	178.9	7.14	200.4	8.17	222.9	9.43
	75	113.6	4.48	135.0	5.37	157.5	6.30	168.2	6.88	178.9	7.47	200.4	8.73	222.9	9.98
	80	113.6	4.83	135.0	5.93	157.5	7.16	168.2	7.82	178.9	8.47	200.4	9.65	222.9	11.07
	85	113.6	5.13	135.0	6.30	157.5	7.63	168.2	8.33	178.9	9.12	200.4	10.28	222.9	11.54
	90	113.6	5.76	135.0	7.12	157.5	8.63	168.2	9.43	178.9	10.31	200.4	11.46	222.9	12.53
	95	113.6	6.09	135.0	7.56	157.5	9.19	168.2	10.06	178.9	10.94	200.4	12.05	222.9	12.90
100	113.6	6.58	135.0	8.17	157.5	9.92	168.2	10.85	178.9	11.27	200.4	12.62	222.9	13.27	
105	113.6	7.46	135.0	9.31	157.5	10.94	168.2	11.58	178.9	12.25	200.4	13.29	222.9	14.04	
110	113.6	8.40	135.0	10.55	157.5	11.57	168.2	12.27	178.9	13.28	200.4	13.84	222.9	15.10	
115	113.6	9.03	135.0	11.25	157.5	11.97	168.2	12.97	178.9	13.66	200.4	14.26	222.9	16.08	
118	113.6	9.59	135.0	11.95	157.5	12.72	168.2	13.75	168.2	13.66	168.0	12.10	166.6	13.64	
122	113.6	10.34	135.0	12.94	140.6	12.14	134.4	11.30	130.4	10.35	134.9	9.17	134.1	10.36	
60%	-9.9	97.5	2.43	115.7	2.82	135.0	3.31	143.6	3.54	153.2	3.81	172.5	4.31	190.7	4.82
	-5	97.5	2.56	115.7	2.97	135.0	3.49	143.6	3.73	153.2	4.02	172.5	4.55	190.7	5.08
	0	97.5	2.67	115.7	3.09	135.0	3.63	143.6	3.88	153.2	4.18	172.5	4.73	190.7	5.29
	5	97.5	2.76	115.7	3.21	135.0	3.76	143.6	4.02	153.2	4.33	172.5	4.90	190.7	5.48
	10	97.5	2.84	115.7	3.30	135.0	3.87	143.6	4.14	153.2	4.46	172.5	5.04	190.7	5.64
	14	97.5	2.95	115.7	3.42	135.0	4.01	143.6	4.29	153.2	4.62	172.5	5.23	190.7	5.84
	20	97.5	3.03	115.7	3.54	135.0	4.14	143.6	4.44	153.2	4.77	172.5	5.40	190.7	6.05
	25	97.5	3.11	115.7	3.65	135.0	4.25	143.6	4.56	153.2	4.89	172.5	5.54	190.7	6.22
	30	97.5	3.18	115.7	3.75	135.0	4.36	143.6	4.69	153.2	5.01	172.5	5.69	190.7	6.39
	35	97.5	3.26	115.7	3.85	135.0	4.47	143.6	4.80	153.2	5.14	172.5	5.83	190.7	6.55
	40	97.5	3.35	115.7	3.95	135.0	4.59	143.6	4.93	153.2	5.28	172.5	5.99	190.7	6.72
	45	97.5	3.38	115.7	3.98	135.0	4.62	143.6	4.97	153.2	5.33	172.5	6.03	190.7	6.77
	50	97.5	3.41	115.7	4.01	135.0	4.67	143.6	5.02	153.2	5.37	172.5	6.09	190.7	6.84
	55	97.5	3.45	115.7	4.08	135.0	4.76	143.6	5.11	153.2	5.46	172.5	6.21	190.7	6.95
	60	97.5	3.57	115.7	4.22	135.0	4.92	143.6	5.30	153.2	5.67	172.5	6.42	190.7	7.23
	65	97.5	3.62	115.7	4.29	135.0	5.02	143.6	5.39	153.2	5.76	172.5	6.56	190.7	7.37
	70	97.5	3.71	115.7	4.41	135.0	5.16	143.6	5.53	153.2	5.93	172.5	6.74	190.7	7.65
	75	97.5	3.78	115.7	4.48	135.0	5.25	143.6	5.65	153.2	6.11	172.5	7.14	190.7	8.15
	80	97.5	4.01	115.7	4.90	135.0	5.88	143.6	6.42	153.2	6.95	172.5	8.00	190.7	9.21
	85	97.5	4.27	115.7	5.20	135.0	6.25	143.6	6.84	153.2	7.44	172.5	8.42	190.7	9.51
	90	97.5	4.78	115.7	5.88	135.0	7.07	143.6	7.72	153.2	8.36	172.5	9.41	190.7	10.37
	95	97.5	5.06	115.7	6.23	135.0	7.51	143.6	8.24	153.2	8.85	172.5	9.84	190.7	10.92
100	97.5	5.44	115.7	6.70	135.0	8.10	143.6	8.87	153.2	9.25	172.5	10.44	190.7	11.39	
105	97.5	6.18	115.7	7.63	135.0	8.94	143.6	9.46	153.2	10.06	172.5	11.09	190.7	12.42	
110	97.5	6.95	115.7	8.66	135.0	9.64	143.6	10.03	153.2	10.87	172.5	11.86	190.7	13.54	
115	97.5	7.44	115.7	9.24	135.0	10.02	143.6	10.62	153.2	11.26	172.5	12.53	190.7	14.47	
118	97.5	7.88	115.7	9.80	135.0	10.64	143.6	11.28	153.2	11.98	168.0	12.10	166.6	13.64	
122	97.5	8.50	115.7	10.60	135.0	11.53	134.1	11.44	129.8	10.60	134.9	9.17	134.1	10.36	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA



ARUM241BTE5 / ARUM241DTE5

240,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-9.9	81.0	2.09	96.4	2.46	112.5	2.75	120.0	2.96	127.5	3.19	143.6	3.54	158.6	3.92
	-5	81.0	2.20	96.4	2.59	112.5	2.90	120.0	3.13	127.5	3.36	143.6	3.73	158.6	4.14
	0	81.0	2.29	96.4	2.70	112.5	3.02	120.0	3.25	127.5	3.50	143.6	3.88	158.6	4.31
	5	81.0	2.37	96.4	2.79	112.5	3.13	120.0	3.37	127.5	3.63	143.6	4.03	158.6	4.46
	10	81.0	2.44	96.4	2.87	112.5	3.22	120.0	3.47	127.5	3.73	143.6	4.14	158.6	4.59
	14	81.0	2.53	96.4	2.98	112.5	3.33	120.0	3.59	127.5	3.87	143.6	4.29	158.6	4.76
	20	81.0	2.63	96.4	3.07	112.5	3.47	120.0	3.72	127.5	3.99	143.6	4.45	158.6	4.94
	25	81.0	2.70	96.4	3.15	112.5	3.59	120.0	3.83	127.5	4.10	143.6	4.58	158.6	5.09
	30	81.0	2.78	96.4	3.23	112.5	3.70	120.0	3.94	127.5	4.20	143.6	4.71	158.6	5.24
	35	81.0	2.86	96.4	3.31	112.5	3.80	120.0	4.05	127.5	4.32	143.6	4.84	158.6	5.38
	40	81.0	2.93	96.4	3.40	112.5	3.90	120.0	4.14	127.5	4.43	143.6	4.95	158.6	5.52
	45	81.0	2.97	96.4	3.44	112.5	3.95	120.0	4.20	127.5	4.49	143.6	5.02	158.6	5.59
	50	81.0	3.01	96.4	3.49	112.5	4.01	120.0	4.26	127.5	4.55	143.6	5.10	158.6	5.67
	55	81.0	3.08	96.4	3.56	112.5	4.07	120.0	4.33	127.5	4.62	143.6	5.19	158.6	5.77
	60	81.0	3.14	96.4	3.65	112.5	4.20	120.0	4.49	127.5	4.78	143.6	5.35	158.6	6.00
	65	81.0	3.17	96.4	3.72	112.5	4.26	120.0	4.55	127.5	4.84	143.6	5.45	158.6	6.09
	70	81.0	3.27	96.4	3.78	112.5	4.36	120.0	4.68	127.5	4.97	143.6	5.61	158.6	6.28
	75	81.0	3.30	96.4	3.85	112.5	4.46	120.0	4.75	127.5	5.07	143.6	5.71	158.6	6.41
	80	81.0	3.40	96.4	4.07	112.5	4.78	120.0	5.16	127.5	5.55	143.6	6.38	158.6	7.28
	85	81.0	3.62	96.4	4.30	112.5	5.07	120.0	5.48	127.5	5.90	143.6	6.80	158.6	7.76
	90	81.0	4.04	96.4	4.81	112.5	5.71	120.0	6.16	127.5	6.64	143.6	7.66	158.6	8.78
95	81.0	4.26	96.4	5.10	112.5	6.03	120.0	6.54	127.5	7.05	143.6	8.14	158.6	9.33	
100	81.0	4.49	96.4	5.39	112.5	6.38	120.0	6.93	127.5	7.47	143.6	8.66	158.6	9.91	
105	81.0	4.91	96.4	5.95	112.5	7.06	120.0	7.64	127.5	8.27	143.6	9.59	158.6	11.02	
110	81.0	5.42	96.4	6.57	112.5	7.82	120.0	8.50	127.5	9.20	143.6	10.71	158.6	12.31	
115	81.0	5.80	96.4	7.05	112.5	8.40	120.0	9.14	127.5	9.91	143.6	11.54	158.6	13.27	
118	81.0	6.27	96.4	7.65	112.5	9.13	120.0	9.94	127.5	10.78	143.6	12.10	158.6	13.64	
122	81.0	6.92	96.4	8.46	112.5	10.10	120.0	11.03	127.5	10.60	134.9	9.17	134.1	10.36	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
 Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual



Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130%	-9.9	240.1	5.63	285.2	6.82	331.4	8.10	343.7	8.74	348.5	9.43	360.6	10.81	369.3	11.17
	-5	240.1	5.93	285.2	7.20	331.4	8.54	343.7	9.22	348.5	9.95	360.6	11.40	369.3	11.79
	0	240.1	6.17	285.2	7.49	331.4	8.89	343.7	9.59	348.5	10.35	360.6	11.86	369.3	12.26
	5	240.1	6.40	285.2	7.77	331.4	9.22	343.7	9.95	348.5	10.73	360.6	12.29	369.3	12.71
	10	240.1	6.58	285.2	7.98	331.4	9.48	343.7	10.22	348.5	11.04	360.6	12.65	369.3	13.07
	14	240.1	6.82	285.2	8.27	331.4	9.82	343.7	10.60	348.5	11.43	360.6	13.11	369.3	13.54
	20	240.1	6.94	285.2	8.41	331.4	9.97	343.7	10.77	348.5	11.59	360.6	13.29	369.3	13.74
	25	240.1	7.04	285.2	8.52	331.4	10.08	343.7	10.90	348.5	11.73	360.6	13.44	369.3	13.90
	30	240.1	7.13	285.2	8.63	331.4	10.21	343.7	11.03	348.5	11.86	360.6	13.60	369.3	14.07
	35	240.1	7.21	285.2	8.74	331.4	10.32	343.7	11.16	348.5	12.00	360.6	13.75	369.3	14.23
	40	240.1	7.31	285.2	8.83	331.4	10.45	343.7	11.30	348.5	12.15	360.6	13.91	369.3	14.40
	45	240.1	7.38	285.2	8.93	331.4	10.57	343.7	11.41	348.5	12.26	360.6	14.07	369.3	14.55
	50	240.1	7.45	285.2	9.02	331.4	10.67	343.7	11.53	348.5	12.39	360.6	14.20	369.3	14.70
	55	240.1	7.58	285.2	9.18	331.4	10.87	338.8	11.77	343.7	12.64	355.7	14.45	364.3	14.80
	60	240.1	7.82	285.2	9.51	326.6	11.33	331.3	12.23	335.2	13.14	347.1	14.90	355.7	14.96
	65	240.1	7.98	285.2	9.72	321.7	11.53	326.6	12.48	330.3	13.38	342.1	15.39	350.8	15.52
	70	240.1	7.68	285.2	9.33	315.7	11.49	319.3	12.64	324.2	13.87	336.0	15.41	344.6	15.56
	75	240.1	7.88	285.2	9.95	310.8	12.29	314.4	13.57	319.3	14.87	331.1	16.14	339.7	16.25
	80	240.1	8.96	285.2	11.33	302.2	14.06	305.9	15.52	310.8	17.06	322.5	17.52	331.1	17.67
	85	240.1	9.53	285.2	12.10	297.3	15.02	302.2	16.56	305.9	18.09	317.6	18.25	326.2	18.41
	90	240.1	10.80	280.3	13.76	288.8	17.06	292.5	18.87	297.3	19.51	308.9	19.67	317.6	19.87
	95	242.6	11.45	278.3	14.64	287.0	18.21	291.8	20.13	295.6	20.21	307.2	20.40	316.0	20.59
	100	242.6	12.39	273.4	15.84	282.1	19.74	287.0	21.19	290.7	21.31	303.5	21.51	312.2	21.70
105	242.6	13.97	266.1	17.92	274.7	22.27	278.9	22.79	283.2	22.90	292.9	23.12	297.2	23.33	
110	242.6	15.69	255.0	20.19	265.7	24.29	266.5	24.41	270.5	24.49	276.1	24.73	277.2	24.97	
115	241.4	18.15	245.8	23.22	245.8	25.60	245.8	25.60	245.8	25.60	249.4	25.66	250.5	25.70	
118	209.9	15.38	213.7	19.67	214.0	21.54	214.0	21.72	214.0	21.72	217.1	21.77	216.2	21.81	
122	167.7	11.67	171.4	14.96	170.5	16.40	171.0	16.43	171.4	16.45	174.3	16.50	174.1	16.57	
120%	-9.9	218.4	5.30	260.7	6.42	303.0	7.61	324.7	8.20	339.1	8.84	354.5	10.14	361.9	10.48
	-5	218.4	5.59	260.7	6.78	303.0	8.03	324.7	8.66	339.1	9.33	354.5	10.70	361.9	11.06
	0	218.4	5.82	260.7	7.05	303.0	8.34	324.7	9.00	339.1	9.71	354.5	11.13	361.9	11.50
	5	218.4	6.03	260.7	7.31	303.0	8.66	324.7	9.33	339.1	10.06	354.5	11.53	361.9	11.92
	10	218.4	6.20	260.7	7.52	303.0	8.90	324.7	9.60	339.1	10.35	354.5	11.87	361.9	12.26
	14	218.4	6.43	260.7	7.79	303.0	9.22	324.7	9.95	339.1	10.73	354.5	12.29	361.9	12.71
	20	218.4	6.53	260.7	7.91	303.0	9.36	324.7	10.10	339.1	10.88	354.5	12.48	361.9	12.89
	25	218.4	6.61	260.7	8.00	303.0	9.46	324.7	10.22	339.1	11.01	354.5	12.62	361.9	13.05
	30	218.4	6.69	260.7	8.10	303.0	9.58	324.7	10.35	339.1	11.13	354.5	12.76	361.9	13.21
	35	218.4	6.78	260.7	8.20	303.0	9.69	324.7	10.49	339.1	11.27	354.5	12.91	361.9	13.37
	40	218.4	6.86	260.7	8.30	303.0	9.82	324.7	10.61	339.1	11.41	354.5	13.08	361.9	13.54
	45	218.4	6.95	260.7	8.39	303.0	9.93	324.7	10.74	339.1	11.54	354.5	13.22	361.9	13.70
	50	218.4	7.02	260.7	8.49	303.0	10.04	324.7	10.85	339.1	11.67	354.5	13.38	361.9	13.84
	55	218.4	7.14	260.7	8.64	303.0	10.24	324.7	11.09	335.5	11.90	349.6	13.61	358.3	13.94
	60	218.4	7.37	260.7	8.96	303.0	10.67	322.3	11.51	325.9	12.36	341.0	14.03	348.4	14.28
	65	218.4	7.52	260.7	9.15	303.0	10.85	317.4	11.75	322.3	12.60	336.1	14.50	344.7	14.62
	70	218.4	7.38	260.7	8.96	303.0	11.03	311.4	12.13	315.1	13.31	330.0	14.79	337.4	14.93
	75	218.4	7.57	260.7	9.55	303.0	11.80	306.6	13.02	311.4	14.27	325.0	15.49	333.6	15.61
	80	218.4	8.60	260.7	10.88	294.5	13.50	298.1	14.90	301.7	16.38	316.4	16.83	323.7	16.97
	85	218.4	9.15	260.7	11.62	289.6	14.43	293.3	15.90	298.1	17.37	311.5	17.52	320.1	17.67
	90	218.4	10.37	260.7	13.21	281.3	16.38	284.9	18.11	288.5	18.74	302.8	18.88	310.2	19.07
	95	220.8	11.00	263.5	14.06	279.3	17.49	283.0	19.33	287.9	19.40	301.1	19.59	309.7	19.77
	100	220.8	11.90	263.5	15.20	274.4	18.95	279.3	20.34	283.0	20.46	297.3	20.65	304.8	20.83
105	220.8	13.41	259.3	17.21	267.1	21.39	271.4	21.87	275.0	22.00	288.7	22.18	293.5	22.39	
110	220.8	15.06	252.7	19.38	260.9	23.32	261.6	23.43	265.6	23.51	273.8	23.74	274.8	23.97	
115	214.7	17.43	243.4	22.30	243.4	24.58	243.4	24.58	243.4	24.58	249.4	24.62	250.5	24.67	
118	191.7	15.38	211.7	18.88	212.0	20.67	212.0	20.86	212.0	20.86	217.2	20.89	216.2	20.93	
122	153.2	11.67	169.7	14.36	168.9	15.74	169.4	15.78	169.7	15.79	174.4	15.84	174.1	15.91	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA



ARUM264BTE5 / ARUM264DTE5

264,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110%	-9.9	202.4	4.88	241.5	5.89	280.5	6.98	300.0	7.57	319.6	8.10	352.0	9.25	359.5	9.59
	-5	202.4	5.14	241.5	6.20	280.5	7.36	300.0	7.98	319.6	8.54	352.0	9.75	359.5	10.12
	0	202.4	5.36	241.5	6.46	280.5	7.65	300.0	8.30	319.6	8.89	352.0	10.15	359.5	10.52
	5	202.4	5.54	241.5	6.69	280.5	7.94	300.0	8.60	319.6	9.22	352.0	10.51	359.5	10.91
	10	202.4	5.71	241.5	6.89	280.5	8.17	300.0	8.85	319.6	9.48	352.0	10.82	359.5	11.23
	14	202.4	5.92	241.5	7.14	280.5	8.46	300.0	9.17	319.6	9.82	352.0	11.21	359.5	11.63
	20	202.4	6.00	241.5	7.25	280.5	8.59	300.0	9.30	319.6	9.98	352.0	11.40	359.5	11.81
	25	202.4	6.07	241.5	7.35	280.5	8.69	300.0	9.40	319.6	10.10	352.0	11.56	359.5	11.96
	30	202.4	6.15	241.5	7.44	280.5	8.80	300.0	9.51	319.6	10.22	352.0	11.72	359.5	12.11
	35	202.4	6.24	241.5	7.54	280.5	8.92	300.0	9.65	319.6	10.38	352.0	11.89	359.5	12.31
	40	202.4	6.33	241.5	7.65	280.5	9.05	300.0	9.78	319.6	10.52	352.0	12.06	359.5	12.46
	45	202.4	6.43	241.5	7.77	280.5	9.19	300.0	9.95	319.6	10.70	352.0	12.26	359.5	12.68
	50	202.4	6.53	241.5	7.91	280.5	9.35	300.0	10.11	319.6	10.87	352.0	12.45	359.5	12.87
	55	202.4	6.65	241.5	8.05	280.5	9.53	300.0	10.32	319.6	11.08	347.1	12.67	354.5	12.99
	60	202.4	6.86	241.5	8.34	280.5	9.92	300.0	10.72	319.6	11.52	338.4	13.07	345.9	13.18
	65	202.4	7.01	241.5	8.52	280.5	10.11	300.0	10.94	319.6	11.73	333.4	13.50	340.9	13.61
	70	202.4	7.08	241.5	8.60	280.5	10.58	300.0	11.63	313.5	12.77	327.2	14.19	334.7	14.33
	75	202.4	7.25	241.5	9.16	280.5	11.32	300.0	12.49	308.6	13.68	322.2	14.86	329.7	14.96
	80	200.4	8.24	239.0	10.44	277.7	12.95	293.4	14.29	297.0	15.71	310.3	16.13	317.7	16.27
	85	200.4	8.77	239.0	11.14	277.7	13.83	288.5	15.25	292.1	16.66	305.3	16.80	312.7	16.94
	90	200.4	9.94	239.0	12.66	276.4	15.71	280.0	17.37	283.7	17.96	296.7	18.11	304.2	18.29
	95	200.4	10.54	239.0	13.48	271.7	16.77	275.3	18.54	278.9	18.61	291.8	18.78	299.2	18.95
	100	200.4	11.41	239.0	14.57	268.0	18.18	271.7	19.51	275.3	19.61	288.2	19.80	295.6	19.97
	105	200.4	12.86	239.0	16.48	259.6	20.50	263.2	20.99	266.8	21.09	279.7	21.28	286.8	21.48
110	200.4	14.44	239.0	18.58	251.6	22.36	252.4	22.47	256.1	22.54	264.0	22.76	265.1	22.99	
115	200.4	16.71	239.0	21.38	240.9	23.57	240.9	23.57	242.0	23.57	246.9	23.62	248.0	23.66	
118	193.6	15.22	207.9	18.11	209.8	19.82	209.8	20.00	210.7	20.00	215.0	20.03	214.0	20.07	
122	154.8	11.55	166.7	13.77	167.2	15.09	167.6	15.12	168.8	15.15	172.6	15.19	172.2	15.25	
100%	-9.9	178.0	4.29	212.1	5.18	246.4	6.13	264.0	6.69	290.1	7.24	325.3	8.35	343.5	8.70
	-5	178.0	4.52	212.1	5.47	246.4	6.48	264.0	7.05	290.1	7.64	325.3	8.81	343.5	9.17
	0	178.0	4.71	212.1	5.69	246.4	6.73	264.0	7.34	290.1	7.94	325.3	9.16	343.5	9.55
	5	178.0	4.88	212.1	5.89	246.4	6.98	264.0	7.61	290.1	8.23	325.3	9.50	343.5	9.89
	10	178.0	5.02	212.1	6.06	246.4	7.18	264.0	7.83	290.1	8.47	325.3	9.78	343.5	10.18
	14	178.0	5.21	212.1	6.28	246.4	7.44	264.0	8.11	290.1	8.77	325.3	10.12	343.5	10.55
	20	178.0	5.37	212.1	6.49	246.4	7.68	264.0	8.34	290.1	9.06	325.3	10.42	343.5	10.84
	25	178.0	5.50	212.1	6.66	246.4	7.88	264.0	8.53	290.1	9.29	325.3	10.67	343.5	11.10
	30	178.0	5.64	212.1	6.82	246.4	8.07	264.0	8.73	290.1	9.52	325.3	10.91	343.5	11.34
	35	178.0	5.73	212.1	6.94	246.4	8.20	264.0	8.87	290.1	9.68	325.3	11.10	343.5	11.54
	40	178.0	5.83	212.1	7.05	246.4	8.33	264.0	9.00	290.1	9.83	325.3	11.27	343.5	11.72
	45	178.0	5.96	212.1	7.20	246.4	8.50	264.0	9.20	290.1	10.02	325.3	11.50	343.5	11.96
	50	178.0	6.06	212.1	7.34	246.4	8.67	264.0	9.39	290.1	10.24	325.3	11.73	343.5	12.20
	55	178.0	6.16	212.1	7.47	246.4	8.85	264.0	9.59	290.1	10.44	325.3	11.94	339.9	12.38
	60	178.0	6.36	212.1	7.74	246.4	9.22	264.0	9.95	290.1	10.85	324.2	12.32	330.2	12.61
	65	178.0	6.50	212.1	7.91	246.4	9.39	264.0	10.15	290.1	11.06	319.3	12.72	326.5	12.98
	70	178.0	6.70	212.1	8.14	246.4	10.02	264.0	11.03	290.1	12.28	313.2	13.64	319.3	13.88
	75	178.0	6.87	212.1	8.67	246.4	10.72	264.0	11.83	290.1	13.17	308.3	14.29	315.7	14.46
	80	178.0	7.81	212.1	9.89	246.4	12.26	264.0	13.54	290.1	15.10	299.8	15.51	305.9	15.72
	85	178.0	8.31	212.1	10.55	246.4	13.11	264.0	14.44	289.0	16.02	295.0	16.15	302.3	16.37
	90	178.0	9.42	212.1	12.00	246.4	14.88	264.0	16.45	279.2	17.27	286.5	17.42	292.6	17.67
	95	178.0	9.99	212.1	12.77	246.4	15.88	264.0	17.56	275.6	17.89	281.6	18.06	289.0	18.32
	100	178.0	10.78	212.1	13.78	246.4	17.17	259.3	18.44	270.9	18.82	278.0	18.99	284.2	19.26
	105	178.0	12.12	212.1	15.52	245.0	19.31	252.1	19.76	262.7	20.16	269.5	20.33	276.1	20.62
110	178.0	13.54	212.1	17.43	242.2	20.96	247.6	21.08	252.7	21.46	256.6	21.67	261.3	21.98	
115	178.0	15.56	212.1	19.90	230.5	21.95	237.6	21.95	243.6	22.28	245.8	22.31	246.9	22.47	
118	178.0	15.69	186.1	18.67	200.7	18.46	206.8	18.62	212.0	18.91	214.0	18.94	213.1	19.07	
122	152.3	14.21	149.3	14.20	160.0	14.06	165.3	14.09	169.9	14.31	171.9	14.36	171.6	14.49	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.



COOLING CAPACITY DATA

ARUM264BTE5 / ARUM264DTE5

264,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90%	-9.9	160.3	3.83	190.9	4.59	222.8	5.41	238.1	5.83	253.4	6.23	284.1	7.18	314.7	7.87
	-5	160.3	4.04	190.9	4.84	222.8	5.72	238.1	6.15	253.4	6.57	284.1	7.57	314.7	8.31
	0	160.3	4.21	190.9	5.04	222.8	5.95	238.1	6.40	253.4	6.84	284.1	7.87	314.7	8.64
	5	160.3	4.35	190.9	5.22	222.8	6.16	238.1	6.63	253.4	7.09	284.1	8.16	314.7	8.96
	10	160.3	4.48	190.9	5.37	222.8	6.35	238.1	6.82	253.4	7.29	284.1	8.40	314.7	9.22
	14	160.3	4.64	190.9	5.57	222.8	6.57	238.1	7.07	253.4	7.55	284.1	8.70	314.7	9.55
	20	160.3	4.81	190.9	5.77	222.8	6.82	238.1	7.34	253.4	7.87	284.1	9.02	314.7	9.92
	25	160.3	4.95	190.9	5.96	222.8	7.02	238.1	7.57	253.4	8.13	284.1	9.27	314.7	10.22
	30	160.3	5.10	190.9	6.13	222.8	7.22	238.1	7.80	253.4	8.39	284.1	9.53	314.7	10.52
	35	160.3	5.25	190.9	6.32	222.8	7.45	238.1	8.03	253.4	8.64	284.1	9.82	314.7	10.85
	40	160.3	5.40	190.9	6.50	222.8	7.67	238.1	8.27	253.4	8.90	284.1	10.11	314.7	11.17
	45	160.3	5.53	190.9	6.66	222.8	7.85	238.1	8.46	253.4	9.12	284.1	10.34	314.7	11.43
	50	160.3	5.66	190.9	6.80	222.8	8.03	238.1	8.66	253.4	9.32	284.1	10.58	314.7	11.68
	55	160.3	5.72	190.9	6.91	222.8	8.17	238.1	8.83	253.4	9.49	284.1	10.78	314.7	11.79
	60	160.3	5.93	190.9	7.19	222.8	8.47	238.1	9.17	253.4	9.88	284.1	11.20	312.1	11.92
	65	160.3	6.03	190.9	7.32	222.8	8.66	238.1	9.35	253.4	10.05	284.1	11.41	310.0	12.52
	70	160.3	6.20	190.9	7.54	222.8	8.96	238.1	9.88	253.4	10.78	284.1	12.73	304.1	13.45
	75	160.3	6.32	190.9	7.88	222.8	9.59	238.1	10.57	253.4	11.59	284.1	13.28	299.4	14.04
	80	160.3	7.08	190.9	8.93	222.8	10.95	238.1	12.07	253.4	13.22	284.1	14.68	291.2	15.28
	85	160.3	7.54	190.9	9.52	222.8	11.72	238.1	12.88	253.4	14.13	280.5	15.46	286.4	15.91
	90	160.3	8.51	190.9	10.78	222.8	13.29	238.1	14.65	253.4	16.08	272.3	16.91	278.1	17.17
	95	160.3	9.07	190.9	11.44	222.8	14.16	238.1	15.62	253.4	17.16	267.6	17.56	273.4	17.80
	100	160.3	9.36	190.9	11.93	222.8	14.76	238.1	16.25	253.4	17.54	264.0	18.32	268.7	18.52
105	160.3	10.85	190.9	13.84	222.8	16.68	238.1	17.79	250.5	18.81	255.8	19.63	259.3	19.87	
110	160.3	12.46	190.9	15.95	222.8	18.30	238.1	19.21	240.4	20.39	243.6	21.09	245.6	21.32	
115	160.3	13.50	190.9	17.30	208.7	19.27	225.7	20.10	228.9	21.05	231.0	21.51	232.1	21.78	
118	160.3	14.33	186.1	18.67	181.6	16.21	196.6	17.06	199.3	17.86	201.2	18.25	200.4	18.48	
122	152.3	14.21	149.3	14.20	144.7	12.33	157.0	12.89	159.7	13.52	161.5	13.83	161.2	14.04	
80%	-9.9	142.6	3.32	169.7	3.99	198.0	4.64	211.0	5.04	225.2	5.43	252.2	6.20	279.4	6.91
	-5	142.6	3.50	169.7	4.22	198.0	4.90	211.0	5.31	225.2	5.73	252.2	6.55	279.4	7.29
	0	142.6	3.63	169.7	4.38	198.0	5.10	211.0	5.53	225.2	5.96	252.2	6.81	279.4	7.58
	5	142.6	3.77	169.7	4.55	198.0	5.28	211.0	5.73	225.2	6.19	252.2	7.06	279.4	7.87
	10	142.6	3.88	169.7	4.68	198.0	5.43	211.0	5.90	225.2	6.36	252.2	7.26	279.4	8.09
	14	142.6	4.02	169.7	4.84	198.0	5.63	211.0	6.12	225.2	6.59	252.2	7.52	279.4	8.38
	20	142.6	4.18	169.7	5.02	198.0	5.86	211.0	6.34	225.2	6.82	252.2	7.80	279.4	8.70
	25	142.6	4.31	169.7	5.17	198.0	6.04	211.0	6.53	225.2	7.01	252.2	8.03	279.4	8.97
	30	142.6	4.43	169.7	5.31	198.0	6.23	211.0	6.72	225.2	7.19	252.2	8.25	279.4	9.25
	35	142.6	4.55	169.7	5.46	198.0	6.41	211.0	6.90	225.2	7.39	252.2	8.48	279.4	9.50
	40	142.6	4.68	169.7	5.60	198.0	6.58	211.0	7.09	225.2	7.59	252.2	8.71	279.4	9.75
	45	142.6	4.74	169.7	5.67	198.0	6.68	211.0	7.20	225.2	7.69	252.2	8.83	279.4	9.89
	50	142.6	4.81	169.7	5.76	198.0	6.76	211.0	7.29	225.2	7.81	252.2	8.95	279.4	10.02
	55	142.7	4.88	169.7	5.86	198.0	6.88	211.0	7.41	225.2	7.95	252.2	9.12	279.4	10.19
	60	142.7	5.05	169.7	6.05	198.0	7.12	211.0	7.68	225.2	8.27	252.2	9.43	279.4	10.61
	65	142.7	5.12	169.7	6.17	198.0	7.27	211.0	7.83	225.2	8.44	252.2	9.61	279.4	10.85
	70	142.7	5.27	169.7	6.34	198.0	7.48	211.0	8.07	225.2	8.79	252.2	10.37	279.4	12.00
	75	142.7	5.37	169.7	6.46	198.0	7.85	211.0	8.61	225.2	9.36	252.2	11.03	279.4	12.65
	80	142.7	5.87	169.7	7.34	198.0	8.95	211.0	9.78	225.2	10.68	252.2	12.68	279.4	14.14
	85	142.7	6.27	169.7	7.81	198.0	9.53	211.0	10.44	225.2	11.44	252.2	13.51	279.4	14.50
	90	142.7	7.05	169.7	8.86	198.0	10.78	211.0	11.86	225.2	13.00	252.2	14.85	274.8	15.36
	95	142.7	7.48	169.7	9.36	198.0	11.51	211.0	12.58	225.2	13.83	252.2	15.36	268.9	15.78
	100	142.6	8.07	169.7	10.09	198.0	12.42	211.0	13.48	225.2	14.37	252.2	16.00	262.9	16.30
105	142.6	9.20	169.7	11.56	198.0	13.82	211.0	14.47	225.2	15.42	249.2	16.63	255.3	17.10	
110	142.7	10.44	169.7	13.17	198.0	14.66	211.0	15.45	225.2	16.61	240.4	17.24	241.7	17.99	
115	142.7	11.17	169.7	14.07	198.0	15.15	211.0	16.24	211.0	17.00	212.3	17.63	212.3	18.70	
118	142.7	11.86	169.7	14.96	181.6	16.21	185.3	15.42	183.7	14.43	184.8	14.96	183.2	15.87	
122	142.7	12.82	149.7	14.10	144.7	12.33	148.0	11.66	147.1	10.92	148.4	11.34	147.5	12.06	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50-130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA

ARUM264BTE5 / ARUM264DTE5

264,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-9.9	89.1	2.18	106.1	2.57	123.8	2.87	132.0	3.10	140.3	3.33	157.9	3.70	174.4	4.10
	-5	89.1	2.30	106.1	2.71	123.8	3.03	132.0	3.27	140.3	3.52	157.9	3.90	174.4	4.32
	0	89.1	2.40	106.1	2.82	123.8	3.16	132.0	3.40	140.3	3.66	157.9	4.06	174.4	4.51
	5	89.1	2.48	106.1	2.92	123.8	3.27	132.0	3.52	140.3	3.79	157.9	4.21	174.4	4.67
	10	89.1	2.56	106.1	3.00	123.8	3.36	132.0	3.62	140.3	3.90	157.9	4.32	174.4	4.80
	14	89.1	2.64	106.1	3.12	123.8	3.49	132.0	3.76	140.3	4.04	157.9	4.48	174.4	4.97
	20	89.1	2.74	106.1	3.21	123.8	3.63	132.0	3.89	140.3	4.18	157.9	4.65	174.4	5.17
	25	89.1	2.83	106.1	3.29	123.8	3.75	132.0	4.01	140.3	4.28	157.9	4.78	174.4	5.32
	30	89.1	2.91	106.1	3.37	123.8	3.86	132.0	4.12	140.3	4.39	157.9	4.92	174.4	5.48
	35	89.1	2.99	106.1	3.46	123.8	3.96	132.0	4.23	140.3	4.51	157.9	5.06	174.4	5.62
	40	89.1	3.06	106.1	3.55	123.8	4.08	132.0	4.33	140.3	4.62	157.9	5.18	174.4	5.77
	45	89.1	3.10	106.1	3.60	123.8	4.12	132.0	4.39	140.3	4.69	157.9	5.25	174.4	5.84
	50	89.1	3.15	106.1	3.65	123.8	4.19	132.0	4.45	140.3	4.75	157.9	5.33	174.4	5.93
	55	89.1	3.22	106.1	3.72	123.8	4.25	132.0	4.52	140.3	4.82	157.9	5.43	174.4	6.03
	60	89.1	3.29	106.1	3.82	123.8	4.39	132.0	4.69	140.3	5.00	157.9	5.60	174.4	6.26
	65	89.1	3.32	106.1	3.89	123.8	4.45	132.0	4.75	140.3	5.06	157.9	5.70	174.4	6.36
	70	89.1	3.42	106.1	3.95	123.8	4.55	132.0	4.90	140.3	5.20	157.9	5.86	174.4	6.56
	75	89.1	3.45	106.1	4.02	123.8	4.65	132.0	4.96	140.3	5.30	157.9	5.96	174.4	6.70
	80	89.1	3.55	106.1	4.25	123.8	5.00	132.0	5.40	140.3	5.80	157.9	6.66	174.4	7.61
	85	89.1	3.79	106.1	4.49	123.8	5.30	132.0	5.73	140.3	6.16	157.9	7.11	174.4	8.11
90	89.1	4.22	106.1	5.03	123.8	5.96	132.0	6.43	140.3	6.94	157.9	8.01	174.4	9.19	
95	89.1	4.45	106.1	5.33	123.8	6.30	132.0	6.84	140.3	7.37	157.9	8.51	174.4	9.75	
100	89.1	4.69	106.1	5.63	123.8	6.66	132.0	7.24	140.3	7.81	157.9	9.05	174.4	10.35	
105	89.1	5.13	106.1	6.22	123.8	7.38	132.0	7.99	140.3	8.64	157.9	10.02	174.4	11.52	
110	89.1	5.66	106.1	6.87	123.8	8.17	132.0	8.89	140.3	9.62	157.9	11.20	174.4	12.87	
115	89.1	6.06	106.1	7.37	123.8	8.79	132.0	9.55	140.3	10.35	157.9	12.06	174.4	13.87	
118	89.1	6.55	106.1	8.00	123.8	9.55	132.0	10.38	140.3	11.27	157.9	12.65	174.4	14.26	
122	89.1	7.22	106.1	8.84	123.8	10.55	132.0	11.53	140.3	11.07	148.4	9.59	147.5	10.84	

TC = Total Capacity (MBh) PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Performance Data

COOLING CAPACITY DATA

ARUM288BTE5 / ARUM288DTE5

288,000 Btu/h 208-230V / 460V Outdoor Units

Performance Data

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110%	-9.9	220.8	5.26	263.4	6.35	306.0	7.53	327.3	8.16	348.6	8.74	384.1	9.97	392.2	10.34
	-5	220.8	5.55	263.4	6.69	306.0	7.93	327.3	8.60	348.6	9.22	384.1	10.52	392.2	10.91
	0	220.8	5.78	263.4	6.97	306.0	8.25	327.3	8.95	348.6	9.59	384.1	10.94	392.2	11.35
	5	220.8	5.98	263.4	7.22	306.0	8.56	327.3	9.28	348.6	9.94	384.1	11.34	392.2	11.77
	10	220.8	6.15	263.4	7.43	306.0	8.81	327.3	9.55	348.6	10.23	384.1	11.67	392.2	12.11
	14	220.8	6.39	263.4	7.70	306.0	9.13	327.3	9.89	348.6	10.60	384.1	12.09	392.2	12.54
	20	220.8	6.47	263.4	7.82	306.0	9.26	327.3	10.03	348.6	10.76	384.1	12.30	392.2	12.73
	25	220.8	6.55	263.4	7.92	306.0	9.38	327.3	10.14	348.6	10.90	384.1	12.47	392.2	12.90
	30	220.8	6.64	263.4	8.03	306.0	9.49	327.3	10.26	348.6	11.02	384.1	12.64	392.2	13.07
	35	220.8	6.73	263.4	8.14	306.0	9.62	327.3	10.41	348.6	11.19	384.1	12.83	392.2	13.28
	40	220.8	6.82	263.4	8.25	306.0	9.76	327.3	10.55	348.6	11.34	384.1	13.00	392.2	13.44
	45	220.8	6.94	263.4	8.38	306.0	9.92	327.3	10.73	348.6	11.54	384.1	13.22	392.2	13.67
	50	220.8	7.04	263.4	8.53	306.0	10.09	327.3	10.90	348.6	11.72	384.1	13.43	392.2	13.88
	55	220.8	7.17	263.4	8.68	306.0	10.28	327.3	11.13	348.6	11.95	378.6	13.67	386.8	14.01
	60	220.8	7.40	263.4	8.99	306.0	10.70	327.3	11.56	348.6	12.43	369.2	14.10	377.3	14.22
	65	220.8	7.56	263.4	9.19	306.0	10.90	327.3	11.80	348.6	12.65	363.7	14.56	371.9	14.68
	70	220.8	7.63	263.4	9.27	306.0	11.41	327.3	12.55	342.0	13.78	357.0	15.30	365.1	15.45
	75	220.8	7.82	263.4	9.88	306.0	12.21	327.3	13.47	336.6	14.76	351.5	16.02	359.7	16.14
	80	218.6	8.89	260.7	11.26	302.9	13.96	320.1	15.42	324.0	16.94	338.5	17.40	346.6	17.55
	85	218.6	9.46	260.7	12.02	302.9	14.92	314.7	16.45	318.7	17.97	333.1	18.12	341.2	18.27
	90	218.6	10.72	260.7	13.65	301.6	16.94	305.5	18.73	309.5	19.38	323.7	19.54	331.8	19.72
	95	218.6	11.37	260.7	14.53	296.3	18.08	300.3	19.99	304.2	20.07	318.3	20.26	326.4	20.44
	100	218.6	12.30	260.7	15.72	292.4	19.61	296.3	21.04	300.3	21.15	314.4	21.35	322.4	21.54
	105	218.6	13.87	260.7	17.78	283.2	22.11	287.2	22.63	291.1	22.74	305.1	22.95	312.9	23.17
110	218.6	15.57	260.7	20.04	274.5	24.12	275.3	24.24	279.4	24.31	288.1	24.55	289.2	24.79	
115	218.6	18.02	260.7	23.06	262.8	25.42	262.8	25.42	264.0	25.42	269.3	25.47	270.5	25.51	
118	211.2	16.42	226.8	19.54	228.9	21.38	228.9	21.57	229.8	21.57	234.5	21.61	233.5	21.65	
122	168.8	12.46	181.8	14.85	182.4	16.27	182.8	16.31	184.1	16.34	188.3	16.38	187.9	16.45	
100%	-9.9	194.1	4.63	231.4	5.58	268.7	6.62	288.0	7.21	316.5	7.81	354.9	9.00	374.7	9.38
	-5	194.1	4.88	231.4	5.90	268.7	6.99	288.0	7.61	316.5	8.24	354.9	9.50	374.7	9.89
	0	194.1	5.08	231.4	6.14	268.7	7.26	288.0	7.92	316.5	8.57	354.9	9.88	374.7	10.30
	5	194.1	5.26	231.4	6.36	268.7	7.53	288.0	8.21	316.5	8.88	354.9	10.24	374.7	10.67
	10	194.1	5.41	231.4	6.54	268.7	7.75	288.0	8.45	316.5	9.14	354.9	10.54	374.7	10.98
	14	194.1	5.61	231.4	6.78	268.7	8.03	288.0	8.75	316.5	9.46	354.9	10.92	374.7	11.37
	20	194.1	5.79	231.4	7.00	268.7	8.28	288.0	9.00	316.5	9.77	354.9	11.24	374.7	11.70
	25	194.1	5.94	231.4	7.18	268.7	8.49	288.0	9.20	316.5	10.02	354.9	11.51	374.7	11.97
	30	194.1	6.08	231.4	7.36	268.7	8.71	288.0	9.41	316.5	10.27	354.9	11.77	374.7	12.24
	35	194.1	6.18	231.4	7.49	268.7	8.85	288.0	9.56	316.5	10.44	354.9	11.97	374.7	12.44
	40	194.1	6.28	231.4	7.60	268.7	8.99	288.0	9.71	316.5	10.60	354.9	12.15	374.7	12.64
	45	194.1	6.42	231.4	7.77	268.7	9.17	288.0	9.92	316.5	10.81	354.9	12.40	374.7	12.90
	50	194.1	6.54	231.4	7.92	268.7	9.36	288.0	10.12	316.5	11.05	354.9	12.66	374.7	13.16
	55	194.1	6.65	231.4	8.06	268.7	9.55	288.0	10.34	316.5	11.26	354.9	12.87	370.8	13.36
	60	194.1	6.86	231.4	8.35	268.7	9.94	288.0	10.73	316.5	11.70	353.6	13.28	360.2	13.60
	65	194.1	7.01	231.4	8.53	268.7	10.12	288.0	10.95	316.5	11.93	348.3	13.72	356.2	14.00
	70	194.1	7.22	231.4	8.78	268.7	10.81	288.0	11.90	316.5	13.25	341.7	14.71	348.3	14.97
	75	194.1	7.41	231.4	9.36	268.7	11.56	288.0	12.76	316.5	14.20	336.3	15.41	344.3	15.60
	80	194.1	8.42	231.4	10.66	268.7	13.23	288.0	14.60	316.5	16.29	327.1	16.73	333.7	16.96
	85	194.1	8.96	231.4	11.38	268.7	14.14	288.0	15.57	315.2	17.28	321.8	17.42	329.7	17.66
	90	194.1	10.16	231.4	12.94	268.7	16.05	288.0	17.74	304.6	18.63	312.6	18.79	319.2	19.06
	95	194.1	10.77	231.4	13.78	268.7	17.13	288.0	18.94	300.6	19.30	307.2	19.48	315.2	19.76
	100	194.1	11.63	231.4	14.86	268.7	18.52	282.9	19.89	295.5	20.29	303.2	20.48	310.0	20.78
	105	194.1	13.07	231.4	16.74	267.3	20.83	275.1	21.31	286.5	21.74	294.0	21.93	301.2	22.24
110	194.1	14.61	231.4	18.80	264.2	22.61	270.1	22.73	275.6	23.14	280.0	23.37	285.0	23.71	
115	194.1	16.78	231.4	21.47	251.4	23.67	259.2	23.67	265.7	24.03	268.2	24.07	269.4	24.24	
118	194.1	16.92	203.0	20.14	218.9	19.91	225.7	20.08	231.3	20.39	233.5	20.43	232.5	20.57	
122	166.1	15.32	162.8	15.31	174.5	15.16	180.3	15.20	185.3	15.43	187.5	15.49	187.2	15.63	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50-130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA

ARUM288BTE5 / ARUM288DTE5

288,000 Btu/h 208-230V / 460V Outdoor Units

Performance Data

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-9.9	136.3	3.16	162.0	3.76	189.0	4.41	201.9	4.73	214.7	5.04	240.4	5.77	267.4	6.46
	-5	136.3	3.33	162.0	3.96	189.0	4.66	201.9	4.98	214.7	5.32	240.4	6.08	267.4	6.82
	0	136.3	3.47	162.0	4.12	189.0	4.84	201.9	5.19	214.7	5.53	240.4	6.33	267.4	7.08
	5	136.3	3.59	162.0	4.27	189.0	5.02	201.9	5.37	214.7	5.73	240.4	6.57	267.4	7.35
	10	136.3	3.70	162.0	4.40	189.0	5.17	201.9	5.54	214.7	5.90	240.4	6.75	267.4	7.56
	14	136.3	3.83	162.0	4.55	189.0	5.36	201.9	5.73	214.7	6.11	240.4	7.00	267.4	7.83
	20	136.3	3.96	162.0	4.70	189.0	5.52	201.9	5.93	214.7	6.32	240.4	7.22	267.4	8.10
	25	136.3	4.08	162.0	4.83	189.0	5.66	201.9	6.08	214.7	6.50	240.4	7.40	267.4	8.31
	30	136.3	4.19	162.0	4.95	189.0	5.80	201.9	6.24	214.7	6.67	240.4	7.59	267.4	8.53
	35	136.3	4.30	162.0	5.09	189.0	5.97	201.9	6.40	214.7	6.86	240.4	7.78	267.4	8.77
	40	136.3	4.41	162.0	5.22	189.0	6.11	201.9	6.57	214.7	7.03	240.4	8.00	267.4	8.99
	45	136.3	4.47	162.0	5.30	189.0	6.21	201.9	6.68	214.7	7.14	240.4	8.13	267.4	9.13
	50	136.3	4.55	162.0	5.40	189.0	6.32	201.9	6.79	214.7	7.26	240.4	8.26	267.4	9.28
	55	136.3	4.63	162.0	5.50	189.0	6.42	201.9	6.89	214.7	7.39	240.4	8.42	267.4	9.48
	60	136.3	4.76	162.0	5.68	189.0	6.65	201.9	7.15	214.7	7.65	240.4	8.74	267.4	9.84
	65	136.3	4.84	162.0	5.79	189.0	6.76	201.9	7.29	214.7	7.81	240.4	8.89	267.4	9.99
	70	136.3	4.97	162.0	5.94	189.0	6.97	201.9	7.50	214.7	8.05	240.4	9.21	267.4	10.63
	75	136.3	5.05	162.0	6.05	189.0	7.10	201.9	7.76	214.7	8.42	240.4	9.84	267.4	11.26
	80	136.3	5.44	162.0	6.68	189.0	8.07	201.9	8.81	214.7	9.55	240.4	10.88	267.4	12.48
	85	136.3	5.79	162.0	7.10	189.0	8.60	201.9	9.39	214.7	10.28	240.4	11.59	267.4	13.01
90	136.3	6.50	162.0	8.03	189.0	9.73	201.9	10.63	214.7	11.63	240.4	12.93	267.4	14.12	
95	136.3	6.86	162.0	8.52	189.0	10.37	201.9	11.34	214.7	12.34	240.4	13.59	267.4	14.54	
100	136.3	7.42	162.0	9.21	189.0	11.18	201.9	12.23	214.7	12.71	240.4	14.22	267.4	14.96	
105	136.3	8.41	162.0	10.49	189.0	12.33	201.9	13.05	214.7	13.81	240.4	14.99	267.4	15.84	
110	136.3	9.48	162.0	11.89	189.0	13.05	201.9	13.83	214.7	14.97	240.4	15.60	267.4	17.02	
115	136.3	10.18	162.0	12.68	189.0	13.50	201.9	14.63	214.7	15.41	240.4	16.07	267.4	18.12	
118	136.3	10.81	162.0	13.47	189.0	14.33	201.9	15.50	195.3	15.41	201.6	13.64	199.9	15.38	
122	136.3	11.66	162.0	14.59	168.7	13.69	161.3	12.75	156.5	11.66	161.9	10.34	160.9	11.69	
60%	-9.9	117.0	2.74	138.9	3.17	162.0	3.73	172.3	3.98	183.9	4.29	207.0	4.86	228.9	5.43
	-5	117.0	2.89	138.9	3.35	162.0	3.94	172.3	4.20	183.9	4.52	207.0	5.12	228.9	5.73
	0	117.0	3.01	138.9	3.49	162.0	4.09	172.3	4.37	183.9	4.71	207.0	5.33	228.9	5.96
	5	117.0	3.12	138.9	3.62	162.0	4.24	172.3	4.54	183.9	4.88	207.0	5.53	228.9	6.18
	10	117.0	3.20	138.9	3.72	162.0	4.37	172.3	4.66	183.9	5.02	207.0	5.69	228.9	6.36
	14	117.0	3.32	138.9	3.85	162.0	4.52	172.3	4.83	183.9	5.20	207.0	5.89	228.9	6.58
	20	117.0	3.42	138.9	3.99	162.0	4.67	172.3	5.00	183.9	5.37	207.0	6.08	228.9	6.82
	25	117.0	3.51	138.9	4.11	162.0	4.79	172.3	5.15	183.9	5.51	207.0	6.25	228.9	7.01
	30	117.0	3.59	138.9	4.23	162.0	4.91	172.3	5.29	183.9	5.65	207.0	6.41	228.9	7.20
	35	117.0	3.67	138.9	4.34	162.0	5.04	172.3	5.41	183.9	5.79	207.0	6.57	228.9	7.39
	40	117.0	3.77	138.9	4.45	162.0	5.18	172.3	5.56	183.9	5.94	207.0	6.75	228.9	7.57
	45	117.0	3.81	138.9	4.49	162.0	5.21	172.3	5.61	183.9	6.00	207.0	6.80	228.9	7.63
	50	117.0	3.84	138.9	4.52	162.0	5.26	172.3	5.65	183.9	6.05	207.0	6.86	228.9	7.71
	55	117.0	3.90	138.9	4.61	162.0	5.37	172.3	5.76	183.9	6.15	207.0	7.00	228.9	7.84
	60	117.0	4.02	138.9	4.76	162.0	5.55	172.3	5.97	183.9	6.39	207.0	7.24	228.9	8.15
	65	117.0	4.08	138.9	4.84	162.0	5.65	172.3	6.08	183.9	6.50	207.0	7.39	228.9	8.31
	70	117.0	4.19	138.9	4.97	162.0	5.82	172.3	6.23	183.9	6.68	207.0	7.60	228.9	8.63
	75	117.0	4.26	138.9	5.05	162.0	5.92	172.3	6.36	183.9	6.89	207.0	8.05	228.9	9.19
	80	117.0	4.52	138.9	5.52	162.0	6.63	172.3	7.24	183.9	7.84	207.0	9.02	228.9	10.38
	85	117.0	4.81	138.9	5.87	162.0	7.05	172.3	7.71	183.9	8.39	207.0	9.49	228.9	10.72
90	117.0	5.40	138.9	6.63	162.0	7.97	172.3	8.71	183.9	9.42	207.0	10.62	228.9	11.69	
95	117.0	5.71	138.9	7.03	162.0	8.47	172.3	9.28	183.9	9.98	207.0	11.09	228.9	12.31	
100	117.0	6.12	138.9	7.55	162.0	9.13	172.3	9.99	183.9	10.42	207.0	11.76	228.9	12.83	
105	117.0	6.97	138.9	8.60	162.0	10.08	172.3	10.66	183.9	11.34	207.0	12.50	228.9	14.00	
110	117.0	7.84	138.9	9.76	162.0	10.87	172.3	11.31	183.9	12.26	207.0	13.37	228.9	15.27	
115	117.0	8.39	138.9	10.42	162.0	11.30	172.3	11.97	183.9	12.69	207.0	14.13	228.9	16.31	
118	117.0	8.88	138.9	11.05	162.0	12.00	172.3	12.72	183.9	13.51	201.6	13.64	199.9	15.38	
122	117.0	9.58	138.9	11.94	162.0	13.00	160.9	12.90	155.7	11.94	161.9	10.34	160.9	11.69	

TCTC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA



ARUM288BTE5 / ARUM288DTE5

288,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-9.9	97.2	2.35	115.7	2.77	135.0	3.10	144.0	3.34	153.0	3.59	172.3	3.99	190.3	4.42
	-5	97.2	2.48	115.7	2.92	135.0	3.27	144.0	3.52	153.0	3.80	172.3	4.20	190.3	4.66
	0	97.2	2.59	115.7	3.04	135.0	3.40	144.0	3.66	153.0	3.94	172.3	4.38	190.3	4.86
	5	97.2	2.67	115.7	3.15	135.0	3.52	144.0	3.80	153.0	4.09	172.3	4.54	190.3	5.04
	10	97.2	2.76	115.7	3.24	135.0	3.63	144.0	3.91	153.0	4.20	172.3	4.66	190.3	5.18
	14	97.2	2.85	115.7	3.36	135.0	3.76	144.0	4.05	153.0	4.36	172.3	4.84	190.3	5.36
	20	97.2	2.96	115.7	3.46	135.0	3.91	144.0	4.20	153.0	4.51	172.3	5.01	190.3	5.57
	25	97.2	3.05	115.7	3.55	135.0	4.05	144.0	4.32	153.0	4.62	172.3	5.16	190.3	5.73
	30	97.2	3.13	115.7	3.63	135.0	4.17	144.0	4.44	153.0	4.74	172.3	5.30	190.3	5.91
	35	97.2	3.22	115.7	3.73	135.0	4.28	144.0	4.56	153.0	4.87	172.3	5.46	190.3	6.07
	40	97.2	3.30	115.7	3.83	135.0	4.40	144.0	4.67	153.0	4.98	172.3	5.58	190.3	6.22
	45	97.2	3.35	115.7	3.88	135.0	4.45	144.0	4.73	153.0	5.05	172.3	5.66	190.3	6.30
	50	97.2	3.40	115.7	3.94	135.0	4.52	144.0	4.80	153.0	5.13	172.3	5.75	190.3	6.40
	55	97.2	3.47	115.7	4.01	135.0	4.59	144.0	4.88	153.0	5.20	172.3	5.86	190.3	6.51
	60	97.2	3.55	115.7	4.12	135.0	4.73	144.0	5.06	153.0	5.39	172.3	6.04	190.3	6.76
	65	97.2	3.58	115.7	4.19	135.0	4.80	144.0	5.13	153.0	5.46	172.3	6.15	190.3	6.86
	70	97.2	3.69	115.7	4.26	135.0	4.91	144.0	5.28	153.0	5.61	172.3	6.33	190.3	7.08
	75	97.2	3.73	115.7	4.34	135.0	5.02	144.0	5.35	153.0	5.71	172.3	6.43	190.3	7.22
	80	97.2	3.83	115.7	4.59	135.0	5.39	144.0	5.82	153.0	6.25	172.3	7.19	190.3	8.21
	85	97.2	4.08	115.7	4.84	135.0	5.71	144.0	6.18	153.0	6.65	172.3	7.67	190.3	8.75
90	97.2	4.55	115.7	5.43	135.0	6.43	144.0	6.94	153.0	7.49	172.3	8.64	190.3	9.91	
95	97.2	4.80	115.7	5.75	135.0	6.79	144.0	7.38	153.0	7.95	172.3	9.18	190.3	10.52	
100	97.2	5.06	115.7	6.07	135.0	7.19	144.0	7.81	153.0	8.42	172.3	9.76	190.3	11.17	
105	97.2	5.53	115.7	6.71	135.0	7.96	144.0	8.62	153.0	9.32	172.3	10.81	190.3	12.43	
110	97.2	6.11	115.7	7.41	135.0	8.82	144.0	9.58	153.0	10.37	172.3	12.08	190.3	13.88	
115	97.2	6.54	115.7	7.95	135.0	9.48	144.0	10.30	153.0	11.17	172.3	13.01	190.3	14.96	
118	97.2	7.07	115.7	8.63	135.0	10.30	144.0	11.20	153.0	12.16	172.3	13.64	190.3	15.38	
122	97.2	7.79	115.7	9.53	135.0	11.38	144.0	12.44	153.0	11.94	161.9	10.34	160.9	11.69	

TTC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual



COOLING CAPACITY DATA



ARUM312BTE5 / ARUM312DTE5

312,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110%	-9.9	239.3	5.75	285.4	6.94	331.5	8.23	354.6	8.92	377.7	9.55	416.1	10.90	424.9	11.30
	-5	239.3	6.07	285.4	7.32	331.5	8.67	354.6	9.40	377.7	10.07	416.1	11.50	424.9	11.93
	0	239.3	6.32	285.4	7.61	331.5	9.02	354.6	9.78	377.7	10.48	416.1	11.96	424.9	12.40
	5	239.3	6.54	285.4	7.89	331.5	9.36	354.6	10.14	377.7	10.87	416.1	12.39	424.9	12.86
	10	239.3	6.73	285.4	8.12	331.5	9.63	354.6	10.44	377.7	11.18	416.1	12.75	424.9	13.23
	14	239.3	6.98	285.4	8.42	331.5	9.97	354.6	10.81	377.7	11.58	416.1	13.21	424.9	13.71
	20	239.3	7.07	285.4	8.55	331.5	10.13	354.6	10.96	377.7	11.76	416.1	13.44	424.9	13.92
	25	239.3	7.16	285.4	8.66	331.5	10.25	354.6	11.08	377.7	11.91	416.1	13.63	424.9	14.10
	30	239.3	7.25	285.4	8.77	331.5	10.37	354.6	11.22	377.7	12.05	416.1	13.82	424.9	14.28
	35	239.3	7.35	285.4	8.89	331.5	10.52	354.6	11.38	377.7	12.23	416.1	14.02	424.9	14.51
	40	239.3	7.46	285.4	9.02	331.5	10.67	354.6	11.53	377.7	12.40	416.1	14.21	424.9	14.68
	45	239.3	7.58	285.4	9.16	331.5	10.84	354.6	11.72	377.7	12.61	416.1	14.45	424.9	14.94
	50	239.3	7.70	285.4	9.32	331.5	11.02	354.6	11.92	377.7	12.81	416.1	14.68	424.9	15.17
	55	239.3	7.83	285.4	9.49	331.5	11.23	354.6	12.17	377.7	13.06	410.2	14.94	419.0	15.31
	60	239.3	8.08	285.4	9.83	331.5	11.70	354.6	12.63	377.7	13.58	400.0	15.41	408.8	15.54
	65	239.3	8.26	285.4	10.05	331.5	11.92	354.6	12.89	377.7	13.83	394.0	15.92	402.9	16.04
	70	239.3	8.34	285.4	10.13	331.5	12.47	354.6	13.72	370.5	15.06	386.7	16.72	395.5	16.89
	75	239.3	8.55	285.4	10.80	331.5	13.35	354.6	14.72	364.7	16.13	380.8	17.51	389.6	17.64
	80	236.9	9.71	282.5	12.30	328.2	15.26	346.7	16.85	351.0	18.52	366.7	19.02	375.4	19.18
	85	236.9	10.34	282.5	13.13	328.2	16.30	341.0	17.97	345.2	19.64	360.9	19.81	369.6	19.97
	90	236.9	11.72	282.5	14.92	326.7	18.52	331.0	20.47	335.3	21.18	350.7	21.35	359.5	21.56
	95	236.9	12.43	282.5	15.89	321.0	19.76	325.3	21.85	329.6	21.93	344.9	22.14	353.6	22.34
	100	236.9	13.45	282.5	17.18	316.8	21.43	321.0	22.99	325.3	23.12	340.6	23.34	349.3	23.54
	105	236.9	15.16	282.5	19.43	306.9	24.17	311.1	24.74	315.3	24.86	330.5	25.08	339.0	25.32
110	236.9	17.02	282.5	21.91	297.4	26.36	298.3	26.49	302.6	26.57	312.1	26.84	313.3	27.10	
115	236.9	19.70	282.5	25.20	284.7	27.78	284.7	27.78	286.0	27.78	291.8	27.84	293.1	27.89	
118	228.8	17.95	245.7	21.35	247.9	23.37	247.9	23.58	249.0	23.58	254.0	23.62	252.9	23.66	
122	182.9	13.62	197.0	16.23	197.6	17.79	198.0	17.83	199.5	17.85	204.0	17.90	203.6	17.98	
100%	-9.9	210.3	5.06	250.7	6.10	291.1	7.23	312.0	7.88	342.9	8.54	384.5	9.84	406.0	10.25
	-5	210.3	5.33	250.7	6.44	291.1	7.64	312.0	8.32	342.9	9.00	384.5	10.38	406.0	10.81
	0	210.3	5.55	250.7	6.71	291.1	7.94	312.0	8.66	342.9	9.36	384.5	10.80	406.0	11.25
	5	210.3	5.75	250.7	6.95	291.1	8.23	312.0	8.97	342.9	9.71	384.5	11.19	406.0	11.66
	10	210.3	5.92	250.7	7.15	291.1	8.47	312.0	9.23	342.9	9.98	384.5	11.52	406.0	12.00
	14	210.3	6.14	250.7	7.41	291.1	8.78	312.0	9.56	342.9	10.34	384.5	11.93	406.0	12.43
	20	210.3	6.33	250.7	7.65	291.1	9.05	312.0	9.83	342.9	10.68	384.5	12.28	406.0	12.78
	25	210.3	6.49	250.7	7.85	291.1	9.28	312.0	10.06	342.9	10.95	384.5	12.58	406.0	13.08
	30	210.3	6.65	250.7	8.04	291.1	9.52	312.0	10.29	342.9	11.22	384.5	12.86	406.0	13.37
	35	210.3	6.75	250.7	8.18	291.1	9.67	312.0	10.45	342.9	11.41	384.5	13.08	406.0	13.60
	40	210.3	6.87	250.7	8.31	291.1	9.82	312.0	10.61	342.9	11.58	384.5	13.28	406.0	13.81
	45	210.3	7.02	250.7	8.49	291.1	10.02	312.0	10.84	342.9	11.82	384.5	13.56	406.0	14.10
	50	210.3	7.15	250.7	8.65	291.1	10.23	312.0	11.06	342.9	12.07	384.5	13.83	406.0	14.38
	55	210.3	7.27	250.7	8.81	291.1	10.43	312.0	11.30	342.9	12.31	384.5	14.07	401.7	14.60
	60	210.3	7.50	250.7	9.13	291.1	10.87	312.0	11.73	342.9	12.79	383.1	14.52	390.3	14.86
	65	210.3	7.66	250.7	9.32	291.1	11.06	312.0	11.97	342.9	13.04	377.3	14.99	385.9	15.30
	70	210.3	7.90	250.7	9.60	291.1	11.81	312.0	13.00	342.9	14.48	370.1	16.08	377.3	16.36
	75	210.3	8.10	250.7	10.23	291.1	12.64	312.0	13.94	342.9	15.52	364.4	16.84	373.0	17.05
	80	210.3	9.20	250.7	11.65	291.1	14.46	312.0	15.96	342.9	17.80	354.3	18.29	361.5	18.53
	85	210.3	9.79	250.7	12.44	291.1	15.45	312.0	17.02	341.5	18.88	348.7	19.04	357.2	19.30
	90	210.3	11.10	250.7	14.14	291.1	17.54	312.0	19.39	329.9	20.36	338.6	20.53	345.8	20.83
	95	210.3	11.77	250.7	15.06	291.1	18.72	312.0	20.70	325.7	21.09	332.8	21.29	341.5	21.60
	100	210.3	12.71	250.7	16.24	291.1	20.25	306.4	21.74	320.1	22.18	328.5	22.38	335.8	22.71
	105	210.3	14.29	250.7	18.30	289.5	22.77	298.0	23.29	310.4	23.76	318.5	23.97	326.3	24.30
110	210.3	15.96	250.7	20.55	286.2	24.71	292.6	24.84	298.6	25.29	303.3	25.55	308.8	25.91	
115	210.3	18.34	250.7	23.46	272.4	25.87	280.8	25.87	287.9	26.26	290.5	26.31	291.8	26.49	
118	210.3	18.50	220.0	22.01	237.2	21.76	244.5	21.95	250.6	22.29	252.9	22.33	251.9	22.48	
122	180.0	16.75	176.4	16.74	189.1	16.57	195.3	16.61	200.8	16.87	203.1	16.93	202.8	17.08	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
 Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.



COOLING CAPACITY DATA



ARUM312BTE5 / ARUM312DTE5

312,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-9.9	147.6	3.45	175.5	4.11	204.8	4.82	218.7	5.17	232.6	5.51	260.4	6.30	289.7	7.06
	-5	147.6	3.64	175.5	4.32	204.8	5.09	218.7	5.45	232.6	5.81	260.4	6.65	289.7	7.45
	0	147.6	3.79	175.5	4.50	204.8	5.29	218.7	5.67	232.6	6.05	260.4	6.92	289.7	7.74
	5	147.6	3.93	175.5	4.67	204.8	5.49	218.7	5.87	232.6	6.26	260.4	7.18	289.7	8.03
	10	147.6	4.04	175.5	4.80	204.8	5.65	218.7	6.05	232.6	6.44	260.4	7.38	289.7	8.26
	14	147.6	4.19	175.5	4.97	204.8	5.86	218.7	6.26	232.6	6.68	260.4	7.65	289.7	8.56
	20	147.6	4.33	175.5	5.14	204.8	6.03	218.7	6.48	232.6	6.91	260.4	7.89	289.7	8.85
	25	147.6	4.45	175.5	5.28	204.8	6.19	218.7	6.64	232.6	7.10	260.4	8.09	289.7	9.09
	30	147.6	4.57	175.5	5.41	204.8	6.34	218.7	6.82	232.6	7.29	260.4	8.30	289.7	9.33
	35	147.6	4.70	175.5	5.56	204.8	6.52	218.7	7.00	232.6	7.49	260.4	8.51	289.7	9.59
	40	147.6	4.81	175.5	5.71	204.8	6.68	218.7	7.18	232.6	7.68	260.4	8.74	289.7	9.82
	45	147.6	4.89	175.5	5.79	204.8	6.79	218.7	7.31	232.6	7.80	260.4	8.88	289.7	9.98
	50	147.6	4.97	175.5	5.90	204.8	6.90	218.7	7.42	232.6	7.93	260.4	9.02	289.7	10.15
	55	147.6	5.06	175.5	6.01	204.8	7.02	218.7	7.53	232.6	8.08	260.4	9.20	289.7	10.36
	60	147.6	5.20	175.5	6.21	204.8	7.27	218.7	7.82	232.6	8.36	260.4	9.55	289.7	10.75
	65	147.6	5.29	175.5	6.33	204.8	7.39	218.7	7.96	232.6	8.54	260.4	9.72	289.7	10.92
	70	147.6	5.43	175.5	6.49	204.8	7.62	218.7	8.19	232.6	8.80	260.4	10.06	289.7	11.61
	75	147.6	5.52	175.5	6.61	204.8	7.76	218.7	8.48	232.6	9.20	260.4	10.75	289.7	12.30
	80	147.6	5.95	175.5	7.30	204.8	8.82	218.7	9.63	232.6	10.44	260.4	11.89	289.7	13.64
	85	147.6	6.33	175.5	7.76	204.8	9.40	218.7	10.26	232.6	11.24	260.4	12.67	289.7	14.22
	90	147.6	7.10	175.5	8.77	204.8	10.64	218.7	11.61	232.6	12.71	260.4	14.13	289.7	15.43
95	147.6	7.50	175.5	9.32	204.8	11.33	218.7	12.39	232.6	13.48	260.4	14.85	289.7	15.90	
100	147.6	8.11	175.5	10.06	204.8	12.22	218.7	13.37	232.6	13.89	260.4	15.54	289.7	16.35	
105	147.6	9.19	175.5	11.46	204.8	13.48	218.7	14.26	232.6	15.09	260.4	16.38	289.7	17.31	
110	147.6	10.36	175.5	13.00	204.8	14.26	218.7	15.12	232.6	16.36	260.4	17.05	281.4	18.61	
115	147.6	11.12	175.5	13.86	204.8	14.75	218.7	15.99	232.6	16.84	260.4	17.57	265.2	19.81	
118	147.6	11.81	175.5	14.72	204.8	15.66	218.7	16.94	211.6	16.84	218.4	14.91	216.5	16.81	
122	147.6	12.74	175.5	15.95	182.7	14.96	174.8	13.93	169.6	12.74	175.4	11.30	174.3	12.77	
60%	-9.9	126.8	2.99	150.4	3.47	175.5	4.08	186.6	4.35	199.2	4.69	224.3	5.31	247.9	5.94
	-5	126.8	3.15	150.4	3.66	175.5	4.30	186.6	4.59	199.2	4.94	224.3	5.60	247.9	6.26
	0	126.8	3.29	150.4	3.81	175.5	4.47	186.6	4.78	199.2	5.15	224.3	5.83	247.9	6.52
	5	126.8	3.41	150.4	3.95	175.5	4.63	186.6	4.96	199.2	5.33	224.3	6.05	247.9	6.75
	10	126.8	3.50	150.4	4.07	175.5	4.77	186.6	5.10	199.2	5.49	224.3	6.21	247.9	6.95
	14	126.8	3.62	150.4	4.21	175.5	4.94	186.6	5.28	199.2	5.68	224.3	6.44	247.9	7.20
	20	126.8	3.74	150.4	4.36	175.5	5.10	186.6	5.47	199.2	5.87	224.3	6.65	247.9	7.45
	25	126.8	3.83	150.4	4.50	175.5	5.24	186.6	5.62	199.2	6.02	224.3	6.83	247.9	7.66
	30	126.8	3.92	150.4	4.62	175.5	5.37	186.6	5.78	199.2	6.18	224.3	7.00	247.9	7.87
	35	126.8	4.01	150.4	4.74	175.5	5.51	186.6	5.92	199.2	6.33	224.3	7.18	247.9	8.07
	40	126.8	4.12	150.4	4.86	175.5	5.66	186.6	6.07	199.2	6.50	224.3	7.38	247.9	8.28
	45	126.8	4.16	150.4	4.90	175.5	5.70	186.6	6.13	199.2	6.56	224.3	7.43	247.9	8.34
	50	126.8	4.20	150.4	4.94	175.5	5.75	186.6	6.18	199.2	6.61	224.3	7.50	247.9	8.42
	55	126.8	4.26	150.4	5.04	175.5	5.86	186.6	6.30	199.2	6.73	224.3	7.65	247.9	8.57
	60	126.8	4.40	150.4	5.20	175.5	6.06	186.6	6.53	199.2	6.99	224.3	7.91	247.9	8.91
	65	126.8	4.46	150.4	5.29	175.5	6.18	186.6	6.64	199.2	7.10	224.3	8.08	247.9	9.09
	70	126.8	4.57	150.4	5.43	175.5	6.36	186.6	6.81	199.2	7.30	224.3	8.31	247.9	9.43
	75	126.8	4.66	150.4	5.52	175.5	6.47	186.6	6.96	199.2	7.53	224.3	8.80	247.9	10.05
	80	126.8	4.94	150.4	6.03	175.5	7.25	186.6	7.91	199.2	8.57	224.3	9.86	247.9	11.35
	85	126.8	5.26	150.4	6.41	175.5	7.70	186.6	8.42	199.2	9.17	224.3	10.37	247.9	11.72
	90	126.8	5.90	150.4	7.25	175.5	8.71	186.6	9.52	199.2	10.30	224.3	11.60	247.9	12.78
95	126.8	6.24	150.4	7.68	175.5	9.25	186.6	10.15	199.2	10.91	224.3	12.12	247.9	13.45	
100	126.8	6.69	150.4	8.25	175.5	9.98	186.6	10.92	199.2	11.39	224.3	12.86	247.9	14.03	
105	126.8	7.62	150.4	9.40	175.5	11.02	186.6	11.65	199.2	12.40	224.3	13.66	247.9	15.30	
110	126.8	8.57	150.4	10.67	175.5	11.88	186.6	12.36	199.2	13.40	224.3	14.61	247.9	16.69	
115	126.8	9.17	150.4	11.38	175.5	12.35	186.6	13.08	199.2	13.87	224.3	15.45	247.9	17.83	
118	126.8	9.71	150.4	12.07	175.5	13.11	186.6	13.90	199.2	14.76	218.4	14.91	216.5	16.81	
122	126.8	10.47	150.4	13.05	175.5	14.20	174.3	14.10	168.7	13.05	175.4	11.30	174.3	12.77	

TTC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

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Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.



COOLING CAPACITY DATA

ARUM312BTE5 / ARUM312DTE5

312,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-9.9	105.3	2.57	125.4	3.03	146.3	3.39	156.0	3.65	165.8	3.93	186.6	4.36	206.1	4.83
	-5	105.3	2.72	125.4	3.19	146.3	3.57	156.0	3.85	165.8	4.15	186.6	4.60	206.1	5.10
	0	105.3	2.83	125.4	3.33	146.3	3.72	156.0	4.00	165.8	4.31	186.6	4.78	206.1	5.31
	5	105.3	2.92	125.4	3.45	146.3	3.85	156.0	4.15	165.8	4.47	186.6	4.96	206.1	5.50
	10	105.3	3.02	125.4	3.54	146.3	3.96	156.0	4.27	165.8	4.59	186.6	5.10	206.1	5.66
	14	105.3	3.12	125.4	3.68	146.3	4.11	156.0	4.43	165.8	4.77	186.6	5.29	206.1	5.86
	20	105.3	3.23	125.4	3.78	146.3	4.28	156.0	4.59	165.8	4.92	186.6	5.48	206.1	6.09
	25	105.3	3.33	125.4	3.88	146.3	4.42	156.0	4.72	165.8	5.05	186.6	5.64	206.1	6.27
	30	105.3	3.43	125.4	3.97	146.3	4.56	156.0	4.85	165.8	5.18	186.6	5.80	206.1	6.46
	35	105.3	3.52	125.4	4.08	146.3	4.67	156.0	4.98	165.8	5.32	186.6	5.97	206.1	6.63
	40	105.3	3.61	125.4	4.19	146.3	4.80	156.0	5.10	165.8	5.45	186.6	6.10	206.1	6.80
	45	105.3	3.66	125.4	4.24	146.3	4.86	156.0	5.17	165.8	5.52	186.6	6.19	206.1	6.89
	50	105.3	3.72	125.4	4.31	146.3	4.94	156.0	5.25	165.8	5.61	186.6	6.28	206.1	6.99
	55	105.3	3.80	125.4	4.39	146.3	5.02	156.0	5.33	165.8	5.68	186.6	6.40	206.1	7.11
	60	105.3	3.87	125.4	4.50	146.3	5.17	156.0	5.53	165.8	5.89	186.6	6.60	206.1	7.39
	65	105.3	3.91	125.4	4.58	146.3	5.25	156.0	5.61	165.8	5.97	186.6	6.72	206.1	7.50
	70	105.3	4.03	125.4	4.66	146.3	5.37	156.0	5.77	165.8	6.13	186.6	6.91	206.1	7.74
	75	105.3	4.07	125.4	4.74	146.3	5.49	156.0	5.85	165.8	6.24	186.6	7.03	206.1	7.90
	80	105.3	4.19	125.4	5.02	146.3	5.89	156.0	6.36	165.8	6.83	186.6	7.86	206.1	8.97
	85	105.3	4.46	125.4	5.29	146.3	6.24	156.0	6.76	165.8	7.27	186.6	8.38	206.1	9.56
	90	105.3	4.98	125.4	5.93	146.3	7.03	156.0	7.58	165.8	8.18	186.6	9.44	206.1	10.83
95	105.3	5.25	125.4	6.28	146.3	7.42	156.0	8.06	165.8	8.69	186.6	10.03	206.1	11.50	
100	105.3	5.53	125.4	6.64	146.3	7.86	156.0	8.54	165.8	9.20	186.6	10.67	206.1	12.20	
105	105.3	6.05	125.4	7.33	146.3	8.70	156.0	9.42	165.8	10.18	186.6	11.82	206.1	13.58	
110	105.3	6.68	125.4	8.10	146.3	9.64	156.0	10.47	165.8	11.34	186.6	13.20	206.1	15.17	
115	105.3	7.15	125.4	8.69	146.3	10.36	156.0	11.26	165.8	12.20	186.6	14.22	206.1	16.35	
118	105.3	7.73	125.4	9.43	146.3	11.25	156.0	12.24	165.8	13.29	186.6	14.91	206.1	16.81	
122	105.3	8.52	125.4	10.42	146.3	12.44	156.0	13.59	165.8	13.05	175.4	11.30	174.3	12.77	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
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Performance Data

COOLING CAPACITY DATA



ARUM336BTE5 / ARUM336DTE5

336,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130%	-9.9	305.5	7.39	362.9	8.97	421.9	10.65	437.4	11.49	443.6	12.40	459.0	14.21	469.9	14.68
	-5	305.5	7.80	362.9	9.47	421.9	11.24	437.4	12.12	443.6	13.08	459.0	14.99	469.9	15.49
	0	305.5	8.11	362.9	9.85	421.9	11.69	437.4	12.62	443.6	13.61	459.0	15.60	469.9	16.12
	5	305.5	8.41	362.9	10.21	421.9	12.12	437.4	13.07	443.6	14.11	459.0	16.17	469.9	16.71
	10	305.5	8.65	362.9	10.50	421.9	12.47	437.4	13.45	443.6	14.51	459.0	16.63	469.9	17.19
	14	305.5	8.97	362.9	10.88	421.9	12.92	437.4	13.94	443.6	15.04	459.0	17.23	469.9	17.80
	20	305.5	9.12	362.9	11.06	421.9	13.10	437.4	14.15	443.6	15.25	459.0	17.47	469.9	18.07
	25	305.5	9.25	362.9	11.20	421.9	13.26	437.4	14.33	443.6	15.42	459.0	17.67	469.9	18.28
	30	305.5	9.38	362.9	11.34	421.9	13.42	437.4	14.51	443.6	15.59	459.0	17.88	469.9	18.49
	35	305.5	9.48	362.9	11.49	421.9	13.58	437.4	14.66	443.6	15.79	459.0	18.09	469.9	18.72
	40	305.5	9.60	362.9	11.61	421.9	13.74	437.4	14.86	443.6	15.97	459.0	18.30	469.9	18.94
	45	305.5	9.70	362.9	11.73	421.9	13.89	437.4	15.01	443.6	16.12	459.0	18.49	469.9	19.13
	50	305.5	9.80	362.9	11.85	421.9	14.02	437.4	15.16	443.6	16.30	459.0	18.67	469.9	19.32
	55	305.5	9.96	362.9	12.08	421.9	14.29	431.2	15.49	437.4	16.62	452.7	19.00	463.7	19.46
	60	305.5	10.29	362.9	12.50	415.7	14.89	421.6	16.08	426.5	17.26	441.8	19.59	452.7	19.68
	65	305.5	10.50	362.9	12.77	409.4	15.16	415.7	16.40	420.3	17.59	435.5	20.25	446.4	20.40
	70	305.5	10.11	362.9	12.27	401.7	15.11	406.3	16.62	412.5	18.24	427.6	20.26	438.7	20.46
	75	305.5	10.35	362.9	13.09	395.6	16.17	400.1	17.83	406.3	19.56	421.4	21.22	432.3	21.38
	80	305.5	11.78	362.9	14.90	384.7	18.49	389.3	20.41	395.6	22.43	410.4	23.04	421.4	23.24
	85	305.5	12.53	362.9	15.91	378.5	19.76	384.7	21.78	389.3	23.80	404.1	24.00	415.2	24.20
	90	305.5	14.20	356.7	18.09	367.6	22.43	372.2	24.80	378.5	25.67	393.2	25.87	404.1	26.12
	95	308.8	15.05	354.2	19.25	365.2	23.95	371.5	26.47	376.2	26.58	391.1	26.83	402.1	27.08
100	308.8	16.30	348.0	20.82	359.0	25.96	365.2	27.87	369.9	28.02	386.3	28.27	397.4	28.53	
105	308.8	18.37	338.7	23.56	349.5	29.28	355.0	29.96	360.4	30.12	372.9	30.39	378.3	30.68	
110	308.8	20.63	324.6	26.55	338.2	31.94	339.3	32.10	344.2	32.21	351.5	32.52	352.8	32.83	
115	307.2	23.87	312.8	30.53	312.8	33.67	312.8	33.67	312.8	33.67	317.3	33.73	318.7	33.79	
118	267.1	20.22	272.0	25.87	272.4	28.32	272.4	28.57	272.4	28.57	276.3	28.62	275.2	28.68	
122	213.4	15.34	218.1	19.67	217.1	21.56	217.6	21.60	218.1	21.63	221.8	21.69	221.5	21.78	
120%	-9.9	278.0	6.97	331.8	8.44	385.6	10.00	413.2	10.79	431.7	11.63	451.3	13.34	460.6	13.78
	-5	278.0	7.35	331.8	8.91	385.6	10.55	413.2	11.37	431.7	12.27	451.3	14.06	460.6	14.54
	0	278.0	7.65	331.8	9.27	385.6	10.98	413.2	11.84	431.7	12.77	451.3	14.63	460.6	15.13
	5	278.0	7.93	331.8	9.61	385.6	11.37	413.2	12.27	431.7	13.23	451.3	15.17	460.6	15.68
	10	278.0	8.16	331.8	9.89	385.6	11.70	413.2	12.62	431.7	13.61	451.3	15.61	460.6	16.13
	14	278.0	8.46	331.8	10.25	385.6	12.13	413.2	13.08	431.7	14.11	451.3	16.17	460.6	16.71
	20	278.0	8.58	331.8	10.40	385.6	12.30	413.2	13.28	431.7	14.30	451.3	16.40	460.6	16.96
	25	278.0	8.70	331.8	10.53	385.6	12.45	413.2	13.45	431.7	14.47	451.3	16.59	460.6	17.16
	30	278.0	8.80	331.8	10.65	385.6	12.59	413.2	13.61	431.7	14.63	451.3	16.78	460.6	17.36
	35	278.0	8.92	331.8	10.77	385.6	12.75	413.2	13.79	431.7	14.81	451.3	16.98	460.6	17.58
	40	278.0	9.03	331.8	10.92	385.6	12.92	413.2	13.96	431.7	15.01	451.3	17.20	460.6	17.80
	45	278.0	9.13	331.8	11.04	385.6	13.06	413.2	14.12	431.7	15.17	451.3	17.38	460.6	18.00
	50	278.0	9.23	331.8	11.16	385.6	13.20	413.2	14.27	431.7	15.34	451.3	17.59	460.6	18.19
	55	278.0	9.38	331.8	11.37	385.6	13.46	413.2	14.58	427.0	15.65	445.0	17.89	455.9	18.33
	60	278.0	9.69	331.8	11.78	385.6	14.02	410.2	15.14	414.7	16.26	434.0	18.45	443.5	18.78
	65	278.0	9.89	331.8	12.03	385.6	14.27	404.0	15.44	410.2	16.57	427.8	19.06	438.7	19.22
	70	278.0	9.70	331.8	11.79	385.6	14.50	396.3	15.96	400.9	17.51	419.9	19.45	429.3	19.65
	75	278.0	9.94	331.8	12.56	385.6	15.52	390.2	17.12	396.3	18.78	413.6	20.37	424.7	20.52
	80	278.0	11.30	331.8	14.30	374.9	17.76	379.4	19.59	384.1	21.54	402.7	22.11	412.1	22.31
	85	278.0	12.03	331.8	15.28	368.7	18.96	373.3	20.91	379.4	22.85	396.4	23.04	407.4	23.24
	90	278.0	13.63	331.8	17.37	357.9	21.54	362.6	23.81	367.1	24.64	385.5	24.83	394.8	25.07
	95	280.9	14.45	335.4	18.48	355.5	22.99	360.1	25.42	366.3	25.51	383.1	25.75	394.3	26.00
100	280.9	15.64	335.4	19.98	349.2	24.92	355.5	26.75	360.1	26.89	378.5	27.15	387.9	27.39	
105	280.9	17.62	329.9	22.63	340.0	28.12	345.5	28.76	350.0	28.92	367.4	29.17	373.5	29.44	
110	280.9	19.80	321.5	25.48	332.0	30.66	333.0	30.81	337.9	30.92	348.4	31.22	349.8	31.52	
115	273.2	22.91	309.7	29.31	309.7	32.33	309.7	32.33	309.7	32.33	317.4	32.39	318.9	32.44	
118	243.9	20.22	269.4	24.83	269.7	27.18	269.7	27.43	269.7	27.43	276.4	27.48	275.2	27.52	
122	194.9	15.34	216.1	18.88	215.0	20.69	215.5	20.74	216.1	20.76	222.0	20.82	221.5	20.91	

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Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110%	-9.9	257.7	6.41	307.4	7.74	357.0	9.18	381.9	9.94	406.8	10.65	448.1	12.15	457.6	12.61
	-5	257.7	6.77	307.4	8.17	357.0	9.68	381.9	10.49	406.8	11.24	448.1	12.83	457.6	13.31
	0	257.7	7.04	307.4	8.49	357.0	10.07	381.9	10.91	406.8	11.69	448.1	13.34	457.6	13.84
	5	257.7	7.30	307.4	8.80	357.0	10.44	381.9	11.31	406.8	12.12	448.1	13.82	457.6	14.35
	10	257.7	7.51	307.4	9.06	357.0	10.74	381.9	11.64	406.8	12.47	448.1	14.23	457.6	14.75
	14	257.7	7.78	307.4	9.39	357.0	11.12	381.9	12.06	406.8	12.92	448.1	14.74	457.6	15.29
	20	257.7	7.89	307.4	9.54	357.0	11.29	381.9	12.23	406.8	13.12	448.1	14.99	457.6	15.53
	25	257.7	7.99	307.4	9.66	357.0	11.43	381.9	12.36	406.8	13.28	448.1	15.20	457.6	15.73
	30	257.7	8.08	307.4	9.78	357.0	11.57	381.9	12.51	406.8	13.45	448.1	15.41	457.6	15.92
	35	257.7	8.20	307.4	9.92	357.0	11.73	381.9	12.69	406.8	13.64	448.1	15.64	457.6	16.18
	40	257.7	8.32	307.4	10.06	357.0	11.90	381.9	12.86	406.8	13.83	448.1	15.85	457.6	16.38
	45	257.7	8.46	307.4	10.22	357.0	12.09	381.9	13.07	406.8	14.06	448.1	16.12	457.6	16.66
	50	257.7	8.59	307.4	10.40	357.0	12.29	381.9	13.29	406.8	14.29	448.1	16.38	457.6	16.92
	55	257.7	8.73	307.4	10.59	357.0	12.53	381.9	13.58	406.8	14.57	441.8	16.66	451.3	17.08
	60	257.7	9.02	307.4	10.97	357.0	13.05	381.9	14.09	406.8	15.14	430.7	17.19	440.2	17.34
	65	257.7	9.21	307.4	11.21	357.0	13.29	381.9	14.38	406.8	15.43	424.4	17.76	433.8	17.89
	70	257.7	9.30	307.4	11.30	357.0	13.91	381.9	15.31	399.0	16.79	416.4	18.65	425.9	18.84
	75	257.7	9.54	307.4	12.05	357.0	14.89	381.9	16.42	392.8	18.00	410.1	19.53	419.6	19.68
	80	255.1	10.83	304.3	13.72	353.4	17.02	373.3	18.79	378.0	20.65	394.9	21.21	404.3	21.39
	85	255.1	11.54	304.3	14.65	353.4	18.18	367.2	20.04	371.8	21.90	388.7	22.10	398.1	22.28
	90	255.1	13.07	304.3	16.65	351.9	20.65	356.5	22.83	361.1	23.63	377.7	23.81	387.2	24.05
	95	255.1	13.86	304.3	17.72	345.7	22.04	350.3	24.37	355.0	24.46	371.5	24.70	380.8	24.92
	100	255.1	15.01	304.3	19.17	341.1	23.90	345.7	25.65	350.3	25.79	366.8	26.03	376.1	26.26
	105	255.1	16.91	304.3	21.68	330.5	26.97	335.1	27.60	339.6	27.73	355.9	27.97	365.1	28.24
110	255.1	18.99	304.3	24.44	320.3	29.40	321.2	29.55	325.9	29.64	336.1	29.94	337.4	30.22	
115	255.1	21.98	304.3	28.11	306.6	30.99	306.6	30.99	308.0	30.99	314.2	31.05	315.6	31.11	
118	246.4	20.02	264.6	23.81	266.9	26.06	266.9	26.30	268.2	26.30	273.5	26.35	272.4	26.39	
122	196.9	15.19	212.2	18.10	212.8	19.84	213.3	19.89	214.8	19.91	219.6	19.97	219.3	20.05	
100%	-9.9	226.5	5.65	270.0	6.81	313.5	8.07	336.0	8.79	369.3	9.52	414.1	10.98	437.3	11.43
	-5	226.5	5.95	270.0	7.18	313.5	8.52	336.0	9.28	369.3	10.04	414.1	11.58	437.3	12.06
	0	226.5	6.19	270.0	7.48	313.5	8.86	336.0	9.66	369.3	10.44	414.1	12.05	437.3	12.55
	5	226.5	6.42	270.0	7.75	313.5	9.18	336.0	10.00	369.3	10.83	414.1	12.49	437.3	13.01
	10	226.5	6.61	270.0	7.97	313.5	9.45	336.0	10.29	369.3	11.13	414.1	12.85	437.3	13.38
	14	226.5	6.85	270.0	8.26	313.5	9.79	336.0	10.67	369.3	11.54	414.1	13.31	437.3	13.87
	20	226.5	7.06	270.0	8.53	313.5	10.10	336.0	10.97	369.3	11.91	414.1	13.70	437.3	14.26
	25	226.5	7.24	270.0	8.76	313.5	10.35	336.0	11.22	369.3	12.21	414.1	14.03	437.3	14.59
	30	226.5	7.42	270.0	8.97	313.5	10.62	336.0	11.48	369.3	12.52	414.1	14.35	437.3	14.92
	35	226.5	7.53	270.0	9.12	313.5	10.79	336.0	11.66	369.3	12.72	414.1	14.59	437.3	15.17
	40	226.5	7.66	270.0	9.27	313.5	10.95	336.0	11.84	369.3	12.92	414.1	14.81	437.3	15.40
	45	226.5	7.83	270.0	9.47	313.5	11.18	336.0	12.10	369.3	13.19	414.1	15.13	437.3	15.73
	50	226.5	7.98	270.0	9.65	313.5	11.42	336.0	12.34	369.3	13.46	414.1	15.43	437.3	16.04
	55	226.5	8.11	270.0	9.83	313.5	11.63	336.0	12.60	369.3	13.73	414.1	15.70	432.6	16.28
	60	226.5	8.37	270.0	10.18	313.5	12.12	336.0	13.09	369.3	14.27	412.5	16.19	420.3	16.57
	65	226.5	8.55	270.0	10.40	313.5	12.34	336.0	13.35	369.3	14.54	406.3	16.72	415.6	17.06
	70	226.5	8.82	270.0	10.71	313.5	13.18	336.0	14.50	369.3	16.15	398.6	17.94	406.3	18.25
	75	226.5	9.03	270.0	11.42	313.5	14.10	336.0	15.55	369.3	17.31	392.5	18.78	401.7	19.02
	80	226.5	10.26	270.0	13.00	313.5	16.13	336.0	17.80	369.3	19.86	381.6	20.40	389.4	20.67
	85	226.5	10.92	270.0	13.88	313.5	17.23	336.0	18.99	367.7	21.06	375.5	21.24	384.7	21.53
	90	226.5	12.38	270.0	15.77	313.5	19.56	336.0	21.63	355.3	22.72	364.6	22.90	372.4	23.24
	95	226.5	13.13	270.0	16.79	313.5	20.88	336.0	23.09	350.8	23.53	358.4	23.75	367.7	24.09
	100	226.5	14.18	270.0	18.12	313.5	22.59	330.0	24.25	344.7	24.74	353.7	24.97	361.7	25.33
	105	226.5	15.94	270.0	20.41	311.8	25.40	320.9	25.98	334.3	26.50	343.0	26.74	351.4	27.10
110	226.5	17.80	270.0	22.92	308.2	27.57	315.2	27.70	321.5	28.21	326.7	28.50	332.6	28.90	
115	226.5	20.46	270.0	26.17	293.4	28.86	302.4	28.86	310.0	29.29	312.8	29.35	314.2	29.55	
118	226.5	20.64	236.9	24.55	255.4	24.27	263.3	24.49	269.9	24.86	272.4	24.91	271.3	25.07	
122	193.8	18.69	189.9	18.67	203.6	18.48	210.3	18.52	216.2	18.82	218.7	18.88	218.4	19.05	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50-130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA



ARUM336BTE5 / ARUM336DTE5

336,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	-9.9	204.0	5.03	243.0	6.04	283.6	7.12	303.0	7.66	322.5	8.19	361.5	9.43	400.5	10.35
	-5	204.0	5.32	243.0	6.37	283.6	7.52	303.0	8.08	322.5	8.64	361.5	9.96	400.5	10.92
	0	204.0	5.53	243.0	6.62	283.6	7.83	303.0	8.41	322.5	8.99	361.5	10.35	400.5	11.37
	5	204.0	5.73	243.0	6.86	283.6	8.11	303.0	8.72	322.5	9.32	361.5	10.73	400.5	11.78
	10	204.0	5.89	243.0	7.06	283.6	8.34	303.0	8.97	322.5	9.58	361.5	11.04	400.5	12.12
	14	204.0	6.10	243.0	7.32	283.6	8.64	303.0	9.30	322.5	9.93	361.5	11.44	400.5	12.56
	20	204.0	6.33	243.0	7.60	283.6	8.97	303.0	9.66	322.5	10.35	361.5	11.85	400.5	13.04
	25	204.0	6.51	243.0	7.83	283.6	9.24	303.0	9.95	322.5	10.69	361.5	12.20	400.5	13.44
	30	204.0	6.70	243.0	8.05	283.6	9.51	303.0	10.25	322.5	11.04	361.5	12.53	400.5	13.84
	35	204.0	6.91	243.0	8.31	283.6	9.79	303.0	10.55	322.5	11.36	361.5	12.91	400.5	14.27
	40	204.0	7.11	243.0	8.55	283.6	10.08	303.0	10.88	322.5	11.70	361.5	13.30	400.5	14.68
	45	204.0	7.27	243.0	8.76	283.6	10.32	303.0	11.13	322.5	11.99	361.5	13.60	400.5	15.04
	50	204.0	7.43	243.0	8.94	283.6	10.55	303.0	11.37	322.5	12.24	361.5	13.91	400.5	15.36
	55	204.0	7.53	243.0	9.09	283.6	10.73	303.0	11.61	322.5	12.48	361.5	14.18	400.5	15.50
	60	204.0	7.80	243.0	9.45	283.6	11.15	303.0	12.06	322.5	12.98	361.5	14.74	397.1	15.68
	65	204.0	7.93	243.0	9.63	283.6	11.37	303.0	12.29	322.5	13.21	361.5	15.01	394.5	16.46
	70	204.0	8.17	243.0	9.91	283.6	11.79	303.0	12.98	322.5	14.18	361.5	16.74	387.0	17.68
	75	204.0	8.31	243.0	10.37	283.6	12.62	303.0	13.90	322.5	15.23	361.5	17.46	381.0	18.48
	80	204.0	9.31	243.0	11.75	283.6	14.41	303.0	15.87	322.5	17.38	361.5	19.30	370.5	20.09
	85	204.0	9.91	243.0	12.53	283.6	15.41	303.0	16.93	322.5	18.58	357.0	20.33	364.5	20.91
90	204.0	11.19	243.0	14.18	283.6	17.47	303.0	19.26	322.5	21.15	346.6	22.25	354.0	22.58	
95	204.0	11.93	243.0	15.05	283.6	18.63	303.0	20.55	322.5	22.57	340.5	23.09	348.0	23.41	
100	204.0	12.32	243.0	15.68	283.6	19.40	303.0	21.36	322.5	23.06	336.0	24.08	342.0	24.35	
105	204.0	14.27	243.0	18.19	283.6	21.93	303.0	23.39	318.9	24.73	325.6	25.81	329.9	26.14	
110	204.0	16.39	243.0	20.99	283.6	24.07	303.0	25.25	306.0	26.82	310.0	27.73	312.5	28.05	
115	204.0	17.75	243.0	22.75	265.5	25.34	287.3	26.42	291.4	27.67	294.1	28.27	295.4	28.64	
118	204.0	18.85	236.9	24.55	231.2	21.30	250.1	22.42	253.7	23.48	256.0	23.99	255.0	24.30	
122	193.8	18.69	189.9	18.67	184.2	16.22	199.9	16.96	203.2	17.77	205.6	18.19	205.2	18.46	
80%	-9.9	181.5	4.36	216.0	5.26	252.0	6.10	268.5	6.63	286.5	7.15	321.0	8.16	355.5	9.09
	-5	181.5	4.60	216.0	5.54	252.0	6.43	268.5	6.99	286.5	7.54	321.0	8.61	355.5	9.59
	0	181.5	4.79	216.0	5.77	252.0	6.70	268.5	7.27	286.5	7.84	321.0	8.95	355.5	9.97
	5	181.5	4.96	216.0	5.98	252.0	6.94	268.5	7.54	286.5	8.13	321.0	9.28	355.5	10.34
	10	181.5	5.11	216.0	6.15	252.0	7.14	268.5	7.75	286.5	8.37	321.0	9.55	355.5	10.64
	14	181.5	5.29	216.0	6.37	252.0	7.40	268.5	8.04	286.5	8.67	321.0	9.90	355.5	11.02
	20	181.5	5.49	216.0	6.60	252.0	7.69	268.5	8.34	286.5	8.97	321.0	10.25	355.5	11.45
	25	181.5	5.66	216.0	6.79	252.0	7.95	268.5	8.59	286.5	9.21	321.0	10.55	355.5	11.79
	30	181.5	5.83	216.0	6.97	252.0	8.19	268.5	8.84	286.5	9.46	321.0	10.85	355.5	12.15
	35	181.5	5.98	216.0	7.18	252.0	8.43	268.5	9.07	286.5	9.72	321.0	11.15	355.5	12.50
	40	181.5	6.15	216.0	7.36	252.0	8.64	268.5	9.33	286.5	9.99	321.0	11.45	355.5	12.83
	45	181.5	6.23	216.0	7.45	252.0	8.77	268.5	9.47	286.5	10.11	321.0	11.61	355.5	13.00
	50	181.5	6.32	216.0	7.57	252.0	8.88	268.5	9.59	286.5	10.26	321.0	11.77	355.5	13.18
	55	181.5	6.41	216.0	7.69	252.0	9.04	268.5	9.75	286.5	10.46	321.0	11.99	355.5	13.40
	60	181.5	6.64	216.0	7.95	252.0	9.36	268.5	10.10	286.5	10.87	321.0	12.41	355.5	13.95
	65	181.5	6.73	216.0	8.11	252.0	9.56	268.5	10.29	286.5	11.10	321.0	12.63	355.5	14.27
	70	181.5	6.93	216.0	8.34	252.0	9.84	268.5	10.62	286.5	11.55	321.0	13.63	355.5	15.78
	75	181.5	7.06	216.0	8.50	252.0	10.32	268.5	11.32	286.5	12.32	321.0	14.50	355.5	16.63
	80	181.5	7.72	216.0	9.66	252.0	11.77	268.5	12.86	286.5	14.05	321.0	16.68	355.5	18.58
	85	181.5	8.25	216.0	10.26	252.0	12.54	268.5	13.73	286.5	15.04	321.0	17.77	355.5	19.07
90	181.5	9.27	216.0	11.64	252.0	14.18	268.5	15.58	286.5	17.09	321.0	19.53	349.7	20.21	
95	181.5	9.84	216.0	12.32	252.0	15.14	268.5	16.55	286.5	18.18	321.0	20.21	342.2	20.76	
100	181.5	10.62	216.0	13.28	252.0	16.33	268.5	17.73	286.5	18.90	321.0	21.03	334.5	21.42	
105	181.5	12.10	216.0	15.19	252.0	18.18	268.5	19.02	286.5	20.27	317.2	21.87	324.9	22.49	
110	181.5	13.73	216.0	17.32	252.0	19.28	268.5	20.32	286.5	21.84	306.0	22.67	307.5	23.65	
115	181.5	14.69	216.0	18.51	252.0	19.92	268.5	21.36	268.5	22.35	270.2	23.18	270.2	24.59	
118	181.5	15.59	216.0	19.67	231.2	21.30	235.8	20.27	233.8	18.96	235.2	19.68	233.2	20.87	
122	181.5	16.86	190.6	18.55	184.2	16.22	188.4	15.34	187.3	14.36	188.9	14.92	187.7	15.85	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.



COOLING CAPACITY DATA

ARUM336BTE5 / ARUM336DTE5

336,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70%	-9.9	159.0	3.85	189.0	4.58	220.6	5.38	235.5	5.77	250.5	6.14	280.5	7.03	312.0	7.87
	-5	159.0	4.06	189.0	4.82	220.6	5.68	235.5	6.08	250.5	6.48	280.5	7.42	312.0	8.31
	0	159.0	4.22	189.0	5.02	220.6	5.91	235.5	6.32	250.5	6.74	280.5	7.72	312.0	8.64
	5	159.0	4.38	189.0	5.21	220.6	6.13	235.5	6.55	250.5	6.99	280.5	8.01	312.0	8.95
	10	159.0	4.51	189.0	5.35	220.6	6.31	235.5	6.75	250.5	7.18	280.5	8.23	312.0	9.21
	14	159.0	4.67	189.0	5.55	220.6	6.53	235.5	6.99	250.5	7.45	280.5	8.53	312.0	9.55
	20	159.0	4.83	189.0	5.74	220.6	6.73	235.5	7.22	250.5	7.71	280.5	8.80	312.0	9.87
	25	159.0	4.96	189.0	5.89	220.6	6.91	235.5	7.41	250.5	7.92	280.5	9.03	312.0	10.14
	30	159.0	5.09	189.0	6.04	220.6	7.07	235.5	7.60	250.5	8.13	280.5	9.25	312.0	10.41
	35	159.0	5.24	189.0	6.21	220.6	7.27	235.5	7.81	250.5	8.35	280.5	9.49	312.0	10.69
	40	159.0	5.37	189.0	6.37	220.6	7.45	235.5	8.01	250.5	8.56	280.5	9.75	312.0	10.95
	45	159.0	5.45	189.0	6.46	220.6	7.57	235.5	8.16	250.5	8.70	280.5	9.90	312.0	11.13
	50	159.0	5.54	189.0	6.58	220.6	7.69	235.5	8.28	250.5	8.85	280.5	10.07	312.0	11.32
	55	159.0	5.65	189.0	6.70	220.6	7.83	235.5	8.40	250.5	9.01	280.5	10.26	312.0	11.55
	60	159.0	5.80	189.0	6.93	220.6	8.11	235.5	8.73	250.5	9.33	280.5	10.65	312.0	11.99
	65	159.0	5.90	189.0	7.06	220.6	8.25	235.5	8.88	250.5	9.52	280.5	10.84	312.0	12.18
	70	159.0	6.06	189.0	7.24	220.6	8.50	235.5	9.14	250.5	9.81	280.5	11.22	312.0	12.95
	75	159.0	6.16	189.0	7.38	220.6	8.66	235.5	9.46	250.5	10.26	280.5	11.99	312.0	13.72
	80	159.0	6.64	189.0	8.14	220.6	9.84	235.5	10.74	250.5	11.64	280.5	13.26	312.0	15.22
	85	159.0	7.06	189.0	8.66	220.6	10.49	235.5	11.45	250.5	12.54	280.5	14.13	312.0	15.86
90	159.0	7.92	189.0	9.78	220.6	11.87	235.5	12.95	250.5	14.18	280.5	15.76	312.0	17.22	
95	159.0	8.37	189.0	10.39	220.6	12.63	235.5	13.82	250.5	15.04	280.5	16.57	312.0	17.74	
100	159.0	9.04	189.0	11.22	220.6	13.63	235.5	14.92	250.5	15.49	280.5	17.34	312.0	18.24	
105	159.0	10.25	189.0	12.79	220.6	15.04	235.5	15.91	250.5	16.83	280.5	18.27	312.0	19.30	
110	159.0	11.55	189.0	14.50	220.6	15.91	235.5	16.87	250.5	18.25	280.5	19.02	303.0	20.76	
115	159.0	12.41	189.0	15.46	220.6	16.45	235.5	17.83	250.5	18.78	280.5	19.60	285.6	22.10	
118	159.0	13.18	189.0	16.42	220.6	17.47	235.5	18.90	227.9	18.78	235.2	16.63	233.2	18.75	
122	159.0	14.21	189.0	17.79	196.8	16.69	188.2	15.53	182.6	14.21	188.9	12.61	187.7	14.24	
60%	-9.9	136.6	3.34	162.0	3.88	189.0	4.55	201.0	4.85	214.5	5.23	241.6	5.92	267.0	6.62
	-5	136.6	3.52	162.0	4.09	189.0	4.79	201.0	5.12	214.5	5.52	241.6	6.25	267.0	6.99
	0	136.6	3.66	162.0	4.25	189.0	4.99	201.0	5.33	214.5	5.74	241.6	6.50	267.0	7.27
	5	136.6	3.80	162.0	4.40	189.0	5.17	201.0	5.53	214.5	5.95	241.6	6.74	267.0	7.53
	10	136.6	3.91	162.0	4.54	189.0	5.32	201.0	5.69	214.5	6.13	241.6	6.93	267.0	7.75
	14	136.6	4.04	162.0	4.70	189.0	5.51	201.0	5.89	214.5	6.34	241.6	7.18	267.0	8.04
	20	136.6	4.17	162.0	4.87	189.0	5.69	201.0	6.10	214.5	6.55	241.6	7.42	267.0	8.31
	25	136.6	4.27	162.0	5.02	189.0	5.84	201.0	6.27	214.5	6.72	241.6	7.62	267.0	8.55
	30	136.6	4.37	162.0	5.15	189.0	5.99	201.0	6.44	214.5	6.89	241.6	7.81	267.0	8.77
	35	136.6	4.48	162.0	5.29	189.0	6.14	201.0	6.61	214.5	7.06	241.6	8.01	267.0	9.00
	40	136.6	4.60	162.0	5.42	189.0	6.31	201.0	6.78	214.5	7.25	241.6	8.23	267.0	9.24
	45	136.6	4.64	162.0	5.47	189.0	6.35	201.0	6.84	214.5	7.32	241.6	8.29	267.0	9.30
	50	136.6	4.69	162.0	5.51	189.0	6.41	201.0	6.90	214.5	7.38	241.6	8.37	267.0	9.39
	55	136.6	4.75	162.0	5.62	189.0	6.54	201.0	7.03	214.5	7.51	241.6	8.53	267.0	9.56
	60	136.6	4.91	162.0	5.80	189.0	6.76	201.0	7.28	214.5	7.80	241.6	8.82	267.0	9.94
	65	136.6	4.97	162.0	5.90	189.0	6.90	201.0	7.41	214.5	7.92	241.6	9.01	267.0	10.14
	70	136.6	5.09	162.0	6.06	189.0	7.09	201.0	7.60	214.5	8.14	241.6	9.27	267.0	10.52
	75	136.6	5.20	162.0	6.16	189.0	7.21	201.0	7.76	214.5	8.40	241.6	9.81	267.0	11.21
	80	136.6	5.51	162.0	6.73	189.0	8.08	201.0	8.82	214.5	9.56	241.6	11.00	267.0	12.66
	85	136.6	5.87	162.0	7.15	189.0	8.59	201.0	9.39	214.5	10.23	241.6	11.57	267.0	13.07
90	136.6	6.58	162.0	8.08	189.0	9.72	201.0	10.62	214.5	11.49	241.6	12.94	267.0	14.25	
95	136.6	6.96	162.0	8.56	189.0	10.32	201.0	11.32	214.5	12.17	241.6	13.52	267.0	15.01	
100	136.6	7.47	162.0	9.21	189.0	11.13	201.0	12.18	214.5	12.71	241.6	14.35	267.0	15.65	
105	136.6	8.50	162.0	10.48	189.0	12.29	201.0	13.00	214.5	13.83	241.6	15.24	267.0	17.07	
110	136.6	9.56	162.0	11.90	189.0	13.25	201.0	13.79	214.5	14.95	241.6	16.30	267.0	18.61	
115	136.6	10.23	162.0	12.70	189.0	13.77	201.0	14.59	214.5	15.47	241.6	17.23	267.0	19.89	
118	136.6	10.83	162.0	13.46	189.0	14.62	201.0	15.50	214.5	16.47	235.2	16.63	233.2	18.75	
122	136.6	11.67	162.0	14.56	189.0	15.84	187.7	15.73	181.7	14.56	188.9	12.61	187.7	14.24	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50-130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA



ARUM336BTE5 / ARUM336DTE5

336,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-9.9	113.4	2.87	135.0	3.38	157.6	3.78	168.0	4.07	178.6	4.39	201.0	4.87	222.0	5.39
	-5	113.4	3.03	135.0	3.56	157.6	3.98	168.0	4.30	178.6	4.63	201.0	5.14	222.0	5.69
	0	113.4	3.15	135.0	3.71	157.6	4.15	168.0	4.46	178.6	4.81	201.0	5.33	222.0	5.92
	5	113.4	3.26	135.0	3.84	157.6	4.30	168.0	4.63	178.6	4.99	201.0	5.53	222.0	6.13
	10	113.4	3.36	135.0	3.95	157.6	4.42	168.0	4.76	178.6	5.12	201.0	5.69	222.0	6.31
	14	113.4	3.48	135.0	4.10	157.6	4.58	168.0	4.94	178.6	5.32	201.0	5.90	222.0	6.54
	20	113.4	3.61	135.0	4.22	157.6	4.78	168.0	5.12	178.6	5.49	201.0	6.11	222.0	6.79
	25	113.4	3.71	135.0	4.33	157.6	4.93	168.0	5.26	178.6	5.63	201.0	6.29	222.0	7.00
	30	113.4	3.83	135.0	4.43	157.6	5.09	168.0	5.41	178.6	5.78	201.0	6.47	222.0	7.21
	35	113.4	3.92	135.0	4.55	157.6	5.21	168.0	5.56	178.6	5.93	201.0	6.65	222.0	7.39
	40	113.4	4.03	135.0	4.67	157.6	5.35	168.0	5.69	178.6	6.08	201.0	6.81	222.0	7.58
	45	113.4	4.09	135.0	4.73	157.6	5.42	168.0	5.77	178.6	6.16	201.0	6.91	222.0	7.69
	50	113.4	4.14	135.0	4.81	157.6	5.51	168.0	5.86	178.6	6.26	201.0	7.00	222.0	7.80
	55	113.4	4.23	135.0	4.90	157.6	5.60	168.0	5.95	178.6	6.34	201.0	7.14	222.0	7.93
	60	113.4	4.31	135.0	5.02	157.6	5.77	168.0	6.17	178.6	6.57	201.0	7.36	222.0	8.25
	65	113.4	4.36	135.0	5.11	157.6	5.86	168.0	6.26	178.6	6.65	201.0	7.49	222.0	8.37
	70	113.4	4.49	135.0	5.20	157.6	5.99	168.0	6.43	178.6	6.83	201.0	7.71	222.0	8.64
	75	113.4	4.54	135.0	5.29	157.6	6.13	168.0	6.52	178.6	6.96	201.0	7.84	222.0	8.82
	80	113.4	4.67	135.0	5.60	157.6	6.57	168.0	7.09	178.6	7.62	201.0	8.77	222.0	10.00
	85	113.4	4.97	135.0	5.90	157.6	6.96	168.0	7.54	178.6	8.11	201.0	9.34	222.0	10.67
	90	113.4	5.56	135.0	6.61	157.6	7.84	168.0	8.46	178.6	9.12	201.0	10.53	222.0	12.08
95	113.4	5.86	135.0	7.00	157.6	8.28	168.0	8.99	178.6	9.69	201.0	11.19	222.0	12.83	
100	113.4	6.17	135.0	7.41	157.6	8.77	168.0	9.52	178.6	10.26	201.0	11.90	222.0	13.61	
105	113.4	6.74	135.0	8.17	157.6	9.70	168.0	10.50	178.6	11.36	201.0	13.19	222.0	15.14	
110	113.4	7.45	135.0	9.03	157.6	10.75	168.0	11.67	178.6	12.65	201.0	14.72	222.0	16.92	
115	113.4	7.98	135.0	9.69	157.6	11.55	168.0	12.56	178.6	13.61	201.0	15.86	222.0	18.24	
118	113.4	8.62	135.0	10.52	157.6	12.55	168.0	13.66	178.6	14.83	201.0	16.63	222.0	18.75	
122	113.4	9.51	135.0	11.63	157.6	13.88	168.0	15.16	178.6	14.56	188.9	12.61	187.7	14.24	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
 Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual



COOLING CAPACITY DATA

ARUM360BTE5 / ARUM360DTE5

360,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-9.9	121.5	3.07	144.7	3.61	168.8	4.04	180.0	4.35	191.3	4.69	215.3	5.20	237.8	5.76
	-5	121.5	3.24	144.7	3.80	168.8	4.26	180.0	4.59	191.3	4.94	215.3	5.49	237.8	6.08
	0	121.5	3.37	144.7	3.96	168.8	4.43	180.0	4.77	191.3	5.14	215.3	5.70	237.8	6.32
	5	121.5	3.48	144.7	4.11	168.8	4.59	180.0	4.95	191.3	5.33	215.3	5.91	237.8	6.55
	10	121.5	3.59	144.7	4.22	168.8	4.72	180.0	5.09	191.3	5.48	215.3	6.08	237.8	6.74
	14	121.5	3.72	144.7	4.38	168.8	4.90	180.0	5.28	191.3	5.68	215.3	6.31	237.8	6.98
	20	121.5	3.85	144.7	4.51	168.8	5.10	180.0	5.47	191.3	5.86	215.3	6.53	237.8	7.25
	25	121.5	3.97	144.7	4.62	168.8	5.27	180.0	5.62	191.3	6.02	215.3	6.72	237.8	7.48
	30	121.5	4.09	144.7	4.74	168.8	5.44	180.0	5.78	191.3	6.18	215.3	6.92	237.8	7.70
	35	121.5	4.19	144.7	4.86	168.8	5.57	180.0	5.94	191.3	6.34	215.3	7.11	237.8	7.90
	40	121.5	4.30	144.7	4.99	168.8	5.72	180.0	6.08	191.3	6.50	215.3	7.27	237.8	8.10
	45	121.5	4.37	144.7	5.06	168.8	5.80	180.0	6.17	191.3	6.58	215.3	7.38	237.8	8.22
	50	121.5	4.43	144.7	5.13	168.8	5.89	180.0	6.26	191.3	6.69	215.3	7.48	237.8	8.33
	55	121.5	4.52	144.7	5.23	168.8	5.98	180.0	6.36	191.3	6.78	215.3	7.63	237.8	8.47
	60	121.5	4.61	144.7	5.36	168.8	6.17	180.0	6.59	191.3	7.01	215.3	7.86	237.8	8.81
	65	121.5	4.66	144.7	5.46	168.8	6.26	180.0	6.69	191.3	7.11	215.3	8.01	237.8	8.94
	70	121.5	4.80	144.7	5.55	168.8	6.40	180.0	6.87	191.3	7.30	215.3	8.24	237.8	9.23
	75	121.5	4.85	144.7	5.65	168.8	6.55	180.0	6.97	191.3	7.43	215.3	8.38	237.8	9.42
	80	121.5	4.99	144.7	5.98	168.8	7.01	180.0	7.58	191.3	8.14	215.3	9.37	237.8	10.69
	85	121.5	5.32	144.7	6.31	168.8	7.43	180.0	8.05	191.3	8.67	215.3	9.98	237.8	11.40
	90	121.5	5.94	144.7	7.06	168.8	8.38	180.0	9.04	191.3	9.74	215.3	11.25	237.8	12.90
95	121.5	6.26	144.7	7.48	168.8	8.85	180.0	9.60	191.3	10.35	215.3	11.96	237.8	13.70	
100	121.5	6.59	144.7	7.91	168.8	9.37	180.0	10.17	191.3	10.97	215.3	12.71	237.8	14.54	
105	121.5	7.21	144.7	8.73	168.8	10.37	180.0	11.22	191.3	12.14	215.3	14.09	237.8	16.18	
110	121.5	7.96	144.7	9.65	168.8	11.49	180.0	12.47	191.3	13.51	215.3	15.73	237.8	18.08	
115	121.5	8.52	144.7	10.35	168.8	12.34	180.0	13.42	191.3	14.54	215.3	16.95	237.8	19.49	
118	121.5	9.21	144.7	11.24	168.8	13.40	180.0	14.59	191.3	15.84	215.3	17.77	237.8	20.03	
122	121.5	10.16	144.7	12.42	168.8	14.83	180.0	16.20	191.3	15.56	202.3	13.47	201.1	15.22	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRl Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Performance Data

COOLING CAPACITY DATA



ARUM384BTE5 / ARUM384DTE5

384,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-9.9	129.6	3.43	154.3	4.04	180.1	4.52	192.0	4.87	204.1	5.24	229.7	5.82	253.7	6.45
	-5	129.6	3.62	154.3	4.26	180.1	4.76	192.0	5.14	204.1	5.53	229.7	6.14	253.7	6.80
	0	129.6	3.77	154.3	4.43	180.1	4.96	192.0	5.34	204.1	5.75	229.7	6.38	253.7	7.08
	5	129.6	3.90	154.3	4.59	180.1	5.14	192.0	5.53	204.1	5.96	229.7	6.61	253.7	7.33
	10	129.6	4.02	154.3	4.72	180.1	5.28	192.0	5.69	204.1	6.13	229.7	6.80	253.7	7.54
	14	129.6	4.16	154.3	4.90	180.1	5.48	192.0	5.91	204.1	6.35	229.7	7.05	253.7	7.81
	20	129.6	4.31	154.3	5.05	180.1	5.71	192.0	6.12	204.1	6.56	229.7	7.31	253.7	8.12
	25	129.6	4.44	154.3	5.17	180.1	5.89	192.0	6.29	204.1	6.73	229.7	7.52	253.7	8.37
	30	129.6	4.58	154.3	5.30	180.1	6.08	192.0	6.47	204.1	6.91	229.7	7.74	253.7	8.62
	35	129.6	4.69	154.3	5.44	180.1	6.23	192.0	6.65	204.1	7.09	229.7	7.95	253.7	8.83
	40	129.6	4.81	154.3	5.58	180.1	6.40	192.0	6.81	204.1	7.27	229.7	8.14	253.7	9.07
	45	129.6	4.88	154.3	5.66	180.1	6.48	192.0	6.90	204.1	7.37	229.7	8.26	253.7	9.19
	50	129.6	4.95	154.3	5.74	180.1	6.59	192.0	7.00	204.1	7.48	229.7	8.37	253.7	9.32
	55	129.6	5.06	154.3	5.85	180.1	6.69	192.0	7.11	204.1	7.58	229.7	8.53	253.7	9.48
	60	129.6	5.16	154.3	6.00	180.1	6.90	192.0	7.38	204.1	7.85	229.7	8.80	253.7	9.85
	65	129.6	5.21	154.3	6.11	180.1	7.00	192.0	7.48	204.1	7.95	229.7	8.96	253.7	10.00
	70	129.6	5.37	154.3	6.21	180.1	7.16	192.0	7.69	204.1	8.17	229.7	9.21	253.7	10.32
	75	129.6	5.42	154.3	6.32	180.1	7.32	192.0	7.79	204.1	8.32	229.7	9.37	253.7	10.54
	80	129.6	5.58	154.3	6.69	180.1	7.85	192.0	8.48	204.1	9.11	229.7	10.48	253.7	11.96
	85	129.6	5.95	154.3	7.06	180.1	8.32	192.0	9.01	204.1	9.69	229.7	11.17	253.7	12.75
90	129.6	6.64	154.3	7.90	180.1	9.37	192.0	10.11	204.1	10.90	229.7	12.59	253.7	14.44	
95	129.6	7.00	154.3	8.37	180.1	9.90	192.0	10.74	204.1	11.58	229.7	13.38	253.7	15.33	
100	129.6	7.38	154.3	8.85	180.1	10.48	192.0	11.38	204.1	12.27	229.7	14.22	253.7	16.27	
105	129.6	8.06	154.3	9.77	180.1	11.60	192.0	12.55	204.1	13.58	229.7	15.76	253.7	18.10	
110	129.6	8.90	154.3	10.79	180.1	12.85	192.0	13.96	204.1	15.12	229.7	17.60	253.7	20.22	
115	129.6	9.53	154.3	11.58	180.1	13.81	192.0	15.01	204.1	16.27	229.7	18.96	253.7	21.80	
118	129.6	10.30	154.3	12.57	180.1	15.00	192.0	16.32	204.1	17.72	229.7	19.88	253.7	22.41	
122	129.6	11.36	154.3	13.90	180.1	16.59	192.0	18.12	204.1	17.40	215.8	15.07	214.6	17.03	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
 Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual



COOLING CAPACITY DATA



ARUM408BTE5 / ARUM408DTE5

408,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
70%	-9.9	193.1	4.83	229.5	5.75	267.8	6.75	286.0	7.24	304.1	7.71	340.6	8.83	378.9	9.88
	-5	193.1	5.09	229.5	6.06	267.8	7.13	286.0	7.63	304.1	8.13	340.6	9.31	378.9	10.43
	0	193.1	5.30	229.5	6.30	267.8	7.41	286.0	7.94	304.1	8.46	340.6	9.69	378.9	10.84
	5	193.1	5.50	229.5	6.54	267.8	7.69	286.0	8.22	304.1	8.77	340.6	10.05	378.9	11.24
	10	193.1	5.66	229.5	6.72	267.8	7.92	286.0	8.47	304.1	9.02	340.6	10.33	378.9	11.56
	14	193.1	5.86	229.5	6.96	267.8	8.20	286.0	8.77	304.1	9.35	340.6	10.71	378.9	11.99
	20	193.1	6.07	229.5	7.20	267.8	8.45	286.0	9.07	304.1	9.67	340.6	11.05	378.9	12.39
	25	193.1	6.23	229.5	7.39	267.8	8.67	286.0	9.30	304.1	9.94	340.6	11.33	378.9	12.72
	30	193.1	6.40	229.5	7.58	267.8	8.88	286.0	9.54	304.1	10.20	340.6	11.61	378.9	13.06
	35	193.1	6.58	229.5	7.79	267.8	9.13	286.0	9.80	304.1	10.49	340.6	11.91	378.9	13.42
	40	193.1	6.74	229.5	7.99	267.8	9.35	286.0	10.05	304.1	10.75	340.6	12.24	378.9	13.75
	45	193.1	6.84	229.5	8.11	267.8	9.50	286.0	10.23	304.1	10.92	340.6	12.43	378.9	13.97
	50	193.1	6.96	229.5	8.26	267.8	9.66	286.0	10.39	304.1	11.11	340.6	12.64	378.9	14.21
	55	193.1	7.09	229.5	8.41	267.8	9.82	286.0	10.54	304.1	11.31	340.6	12.88	378.9	14.50
	60	193.1	7.28	229.5	8.69	267.8	10.18	286.0	10.95	304.1	11.71	340.6	13.37	378.9	15.05
	65	193.1	7.41	229.5	8.86	267.8	10.35	286.0	11.15	304.1	11.95	340.6	13.61	378.9	15.29
	70	193.1	7.60	229.5	9.09	267.8	10.67	286.0	11.47	304.1	12.31	340.6	14.09	378.9	16.26
	75	193.1	7.73	229.5	9.26	267.8	10.86	286.0	11.88	304.1	12.88	340.6	15.05	378.9	17.22
	80	193.1	8.33	229.5	10.22	267.8	12.35	286.0	13.48	304.1	14.61	340.6	16.65	378.9	19.10
	85	193.1	8.86	229.5	10.86	267.8	13.16	286.0	14.37	304.1	15.74	340.6	17.74	378.9	19.91
	90	193.1	9.94	229.5	12.28	267.8	14.89	286.0	16.26	304.1	17.80	340.6	19.78	378.9	21.61
	95	193.1	10.50	229.5	13.04	267.8	15.86	286.0	17.35	304.1	18.88	340.6	20.80	378.9	22.26
100	193.1	11.35	229.5	14.09	267.8	17.10	286.0	18.72	304.1	19.44	340.6	21.76	378.9	22.89	
105	193.1	12.86	229.5	16.05	267.8	18.87	286.0	19.97	304.1	21.12	340.6	22.93	378.9	24.23	
110	193.1	14.50	229.5	18.19	267.8	19.97	286.0	21.17	304.1	22.91	340.6	23.87	378.9	26.05	
115	193.1	15.58	229.5	19.40	267.8	20.65	286.0	22.38	304.1	23.57	340.6	24.60	378.9	27.73	
118	193.1	16.54	229.5	20.61	267.8	21.93	286.0	23.72	276.7	23.57	285.6	20.87	283.2	23.53	
122	193.1	17.84	229.5	22.32	239.0	20.95	228.5	19.50	221.7	17.84	229.3	15.82	228.0	17.88	
60%	-9.9	165.8	4.19	196.7	4.86	229.5	5.71	244.1	6.09	260.5	6.56	293.3	7.43	324.2	8.31
	-5	165.8	4.42	196.7	5.13	229.5	6.02	244.1	6.43	260.5	6.92	293.3	7.84	324.2	8.77
	0	165.8	4.60	196.7	5.34	229.5	6.26	244.1	6.69	260.5	7.20	293.3	8.16	324.2	9.12
	5	165.8	4.77	196.7	5.53	229.5	6.49	244.1	6.94	260.5	7.47	293.3	8.46	324.2	9.45
	10	165.8	4.90	196.7	5.69	229.5	6.68	244.1	7.14	260.5	7.69	293.3	8.70	324.2	9.73
	14	165.8	5.08	196.7	5.90	229.5	6.92	244.1	7.39	260.5	7.96	293.3	9.01	324.2	10.08
	20	165.8	5.24	196.7	6.11	229.5	7.15	244.1	7.65	260.5	8.22	293.3	9.31	324.2	10.43
	25	165.8	5.36	196.7	6.29	229.5	7.33	244.1	7.87	260.5	8.43	293.3	9.56	324.2	10.73
	30	165.8	5.49	196.7	6.47	229.5	7.52	244.1	8.09	260.5	8.65	293.3	9.81	324.2	11.01
	35	165.8	5.62	196.7	6.64	229.5	7.71	244.1	8.29	260.5	8.86	293.3	10.05	324.2	11.30
	40	165.8	5.77	196.7	6.81	229.5	7.92	244.1	8.51	260.5	9.10	293.3	10.33	324.2	11.59
	45	165.8	5.83	196.7	6.87	229.5	7.97	244.1	8.58	260.5	9.18	293.3	10.41	324.2	11.67
	50	165.8	5.88	196.7	6.92	229.5	8.05	244.1	8.65	260.5	9.26	293.3	10.50	324.2	11.79
	55	165.8	5.96	196.7	7.05	229.5	8.21	244.1	8.82	260.5	9.42	293.3	10.71	324.2	11.99
	60	165.8	6.16	196.7	7.28	229.5	8.49	244.1	9.14	260.5	9.78	293.3	11.07	324.2	12.48
	65	165.8	6.24	196.7	7.41	229.5	8.65	244.1	9.30	260.5	9.94	293.3	11.31	324.2	12.72
	70	165.8	6.40	196.7	7.60	229.5	8.90	244.1	9.54	260.5	10.22	293.3	11.63	324.2	13.20
	75	165.8	6.52	196.7	7.73	229.5	9.05	244.1	9.74	260.5	10.54	293.3	12.31	324.2	14.06
	80	165.8	6.92	196.7	8.45	229.5	10.14	244.1	11.07	260.5	11.99	293.3	13.80	324.2	15.89
	85	165.8	7.37	196.7	8.98	229.5	10.79	244.1	11.79	260.5	12.84	293.3	14.52	324.2	16.40
	90	165.8	8.26	196.7	10.14	229.5	12.20	244.1	13.33	260.5	14.42	293.3	16.24	324.2	17.89
	95	165.8	8.73	196.7	10.75	229.5	12.96	244.1	14.21	260.5	15.27	293.3	16.97	324.2	18.84
100	165.8	9.37	196.7	11.56	229.5	13.97	244.1	15.29	260.5	15.95	293.3	18.00	324.2	19.64	
105	165.8	10.67	196.7	13.16	229.5	15.42	244.1	16.31	260.5	17.36	293.3	19.12	324.2	21.42	
110	165.8	11.99	196.7	14.93	229.5	16.63	244.1	17.31	260.5	18.76	293.3	20.46	324.2	23.36	
115	165.8	12.84	196.7	15.94	229.5	17.29	244.1	18.31	260.5	19.42	293.3	21.62	324.2	24.96	
118	165.8	13.59	196.7	16.90	229.5	18.35	244.1	19.46	260.5	20.67	285.6	20.87	283.2	23.53	
122	165.8	14.65	196.7	18.27	229.5	19.88	228.0	19.74	220.6	18.27	229.3	15.82	228.0	17.88	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50-130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.



COOLING CAPACITY DATA

ARUM408BTE5 / ARUM408DTE5

408,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-9.9	137.7	3.60	163.9	4.24	191.3	4.75	204.0	5.11	216.8	5.50	244.1	6.11	269.6	6.77
	-5	137.7	3.80	163.9	4.47	191.3	5.00	204.0	5.39	216.8	5.81	244.1	6.44	269.6	7.14
	0	137.7	3.96	163.9	4.65	191.3	5.20	204.0	5.60	216.8	6.03	244.1	6.70	269.6	7.43
	5	137.7	4.09	163.9	4.82	191.3	5.39	204.0	5.81	216.8	6.26	244.1	6.94	269.6	7.70
	10	137.7	4.22	163.9	4.96	191.3	5.55	204.0	5.98	216.8	6.43	244.1	7.14	269.6	7.92
	14	137.7	4.37	163.9	5.14	191.3	5.75	204.0	6.20	216.8	6.67	244.1	7.41	269.6	8.20
	20	137.7	4.53	163.9	5.30	191.3	5.99	204.0	6.43	216.8	6.89	244.1	7.67	269.6	8.52
	25	137.7	4.66	163.9	5.43	191.3	6.19	204.0	6.60	216.8	7.07	244.1	7.90	269.6	8.78
	30	137.7	4.80	163.9	5.56	191.3	6.39	204.0	6.79	216.8	7.26	244.1	8.12	269.6	9.05
	35	137.7	4.92	163.9	5.71	191.3	6.55	204.0	6.98	216.8	7.45	244.1	8.35	269.6	9.28
	40	137.7	5.05	163.9	5.86	191.3	6.72	204.0	7.15	216.8	7.63	244.1	8.54	269.6	9.52
	45	137.7	5.13	163.9	5.94	191.3	6.81	204.0	7.24	216.8	7.73	244.1	8.67	269.6	9.65
	50	137.7	5.20	163.9	6.03	191.3	6.92	204.0	7.35	216.8	7.86	244.1	8.79	269.6	9.79
	55	137.7	5.31	163.9	6.14	191.3	7.03	204.0	7.47	216.8	7.96	244.1	8.96	269.6	9.96
	60	137.7	5.42	163.9	6.30	191.3	7.24	204.0	7.75	216.8	8.24	244.1	9.24	269.6	10.35
	65	137.7	5.47	163.9	6.41	191.3	7.35	204.0	7.86	216.8	8.35	244.1	9.41	269.6	10.50
	70	137.7	5.64	163.9	6.52	191.3	7.52	204.0	8.07	216.8	8.58	244.1	9.68	269.6	10.84
	75	137.7	5.70	163.9	6.64	191.3	7.69	204.0	8.18	216.8	8.73	244.1	9.84	269.6	11.06
	80	137.7	5.86	163.9	7.03	191.3	8.24	204.0	8.90	216.8	9.56	244.1	11.01	269.6	12.56
	85	137.7	6.24	163.9	7.41	191.3	8.73	204.0	9.46	216.8	10.18	244.1	11.73	269.6	13.39
	90	137.7	6.97	163.9	8.30	191.3	9.84	204.0	10.62	216.8	11.45	244.1	13.22	269.6	15.16
95	137.7	7.35	163.9	8.79	191.3	10.39	204.0	11.28	216.8	12.16	244.1	14.05	269.6	16.10	
100	137.7	7.75	163.9	9.29	191.3	11.01	204.0	11.95	216.8	12.88	244.1	14.93	269.6	17.09	
105	137.7	8.46	163.9	10.26	191.3	12.18	204.0	13.18	216.8	14.26	244.1	16.55	269.6	19.01	
110	137.7	9.35	163.9	11.33	191.3	13.50	204.0	14.65	216.8	15.87	244.1	18.48	269.6	21.23	
115	137.7	10.01	163.9	12.16	191.3	14.50	204.0	15.76	216.8	17.09	244.1	19.91	269.6	22.89	
118	137.7	10.82	163.9	13.20	191.3	15.75	204.0	17.14	216.8	18.61	244.1	20.87	269.6	23.53	
122	137.7	11.93	163.9	14.59	191.3	17.42	204.0	19.03	216.8	18.27	229.3	15.82	228.0	17.88	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Performance Data

COOLING CAPACITY DATA

ARUM432BTE5 / ARUM432DTE5

432,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110%	-9.9	331.4	8.54	395.2	10.30	459.0	12.22	491.0	13.24	523.0	14.18	576.2	16.18	588.4	16.78
	-5	331.4	9.02	395.2	10.88	459.0	12.88	491.0	13.96	523.0	14.96	576.2	17.08	588.4	17.72
	0	331.4	9.38	395.2	11.30	459.0	13.40	491.0	14.52	523.0	15.56	576.2	17.76	588.4	18.42
	5	331.4	9.72	395.2	11.72	459.0	13.90	491.0	15.06	523.0	16.14	576.2	18.40	588.4	19.10
	10	331.4	10.00	395.2	12.06	459.0	14.30	491.0	15.50	523.0	16.60	576.2	18.94	588.4	19.64
	14	331.4	10.36	395.2	12.50	459.0	14.80	491.0	16.06	523.0	17.20	576.2	19.62	588.4	20.36
	20	331.4	10.50	395.2	12.70	459.0	15.04	491.0	16.28	523.0	17.46	576.2	19.96	588.4	20.68
	25	331.4	10.64	395.2	12.86	459.0	15.22	491.0	16.46	523.0	17.68	576.2	20.24	588.4	20.94
	30	331.4	10.76	395.2	13.02	459.0	15.40	491.0	16.66	523.0	17.90	576.2	20.52	588.4	21.20
	35	331.4	10.92	395.2	13.20	459.0	15.62	491.0	16.90	523.0	18.16	576.2	20.82	588.4	21.54
	40	331.4	11.08	395.2	13.40	459.0	15.84	491.0	17.12	523.0	18.42	576.2	21.10	588.4	21.80
	45	331.4	11.26	395.2	13.60	459.0	16.10	491.0	17.40	523.0	18.72	576.2	21.46	588.4	22.18
	50	331.4	11.44	395.2	13.84	459.0	16.36	491.0	17.70	523.0	19.02	576.2	21.80	588.4	22.52
	55	331.4	11.62	395.2	14.10	459.0	16.68	491.0	18.08	523.0	19.40	568.0	22.18	580.2	22.74
	60	331.4	12.00	395.2	14.60	459.0	17.38	491.0	18.76	523.0	20.16	553.8	22.88	566.0	23.08
	65	331.4	12.26	395.2	14.92	459.0	17.70	491.0	19.14	523.0	20.54	545.6	23.64	557.8	23.82
	70	331.4	12.38	395.2	15.04	459.0	18.52	491.0	20.38	513.0	22.36	535.4	24.82	547.6	25.08
	75	331.4	12.70	395.2	16.04	459.0	19.82	491.0	21.86	505.0	23.96	527.2	26.00	539.4	26.20
	80	328.0	14.42	391.2	18.26	454.4	22.66	480.0	25.02	486.0	27.50	507.8	28.24	519.8	28.48
	85	328.0	15.36	391.2	19.50	454.4	24.20	472.2	26.68	478.0	29.16	499.8	29.42	511.8	29.66
	90	328.0	17.40	391.2	22.16	452.4	27.50	458.4	30.40	464.2	31.46	485.6	31.70	497.8	32.02
	95	328.0	18.46	391.2	23.60	444.4	29.34	450.4	32.44	456.4	32.56	477.6	32.88	489.6	33.18
	100	328.0	19.98	391.2	25.52	438.6	31.82	444.4	34.14	450.4	34.34	471.6	34.66	483.6	34.96
	105	328.0	22.52	391.2	28.86	425.0	35.90	430.8	36.74	436.6	36.92	457.6	37.24	469.4	37.60
110	328.0	25.28	391.2	32.54	411.8	39.14	413.0	39.34	419.0	39.46	432.2	39.86	433.8	40.24	
115	328.0	29.26	391.2	37.42	394.2	41.26	394.2	41.26	396.0	41.26	404.0	41.34	405.8	41.42	
118	316.8	26.66	340.2	31.70	343.2	34.70	343.2	35.02	344.8	35.02	351.6	35.08	350.2	35.14	
122	253.2	20.22	272.8	24.10	273.6	26.42	274.2	26.48	276.2	26.50	282.4	26.58	282.0	26.70	
100%	-9.9	291.2	7.52	347.2	9.06	403.0	10.74	432.0	11.70	474.8	12.68	532.4	14.62	562.2	15.22
	-5	291.2	7.92	347.2	9.56	403.0	11.34	432.0	12.36	474.8	13.36	532.4	15.42	562.2	16.06
	0	291.2	8.24	347.2	9.96	403.0	11.80	432.0	12.86	474.8	13.90	532.4	16.04	562.2	16.70
	5	291.2	8.54	347.2	10.32	403.0	12.22	432.0	13.32	474.8	14.42	532.4	16.62	562.2	17.32
	10	291.2	8.80	347.2	10.62	403.0	12.58	432.0	13.70	474.8	14.82	532.4	17.10	562.2	17.82
	14	291.2	9.12	347.2	11.00	403.0	13.04	432.0	14.20	474.8	15.36	532.4	17.72	562.2	18.46
	20	291.2	9.40	347.2	11.36	403.0	13.44	432.0	14.60	474.8	15.86	532.4	18.24	562.2	18.98
	25	291.2	9.64	347.2	11.66	403.0	13.78	432.0	14.94	474.8	16.26	532.4	18.68	562.2	19.42
	30	291.2	9.88	347.2	11.94	403.0	14.14	432.0	15.28	474.8	16.66	532.4	19.10	562.2	19.86
	35	291.2	10.02	347.2	12.14	403.0	14.36	432.0	15.52	474.8	16.94	532.4	19.42	562.2	20.20
	40	291.2	10.20	347.2	12.34	403.0	14.58	432.0	15.76	474.8	17.20	532.4	19.72	562.2	20.50
	45	291.2	10.42	347.2	12.60	403.0	14.88	432.0	16.10	474.8	17.56	532.4	20.14	562.2	20.94
	50	291.2	10.62	347.2	12.84	403.0	15.20	432.0	16.42	474.8	17.92	532.4	20.54	562.2	21.36
	55	291.2	10.80	347.2	13.08	403.0	15.48	432.0	16.78	474.8	18.28	532.4	20.90	556.2	21.68
	60	291.2	11.14	347.2	13.56	403.0	16.14	432.0	17.42	474.8	19.00	530.4	21.56	540.4	22.06
	65	291.2	11.38	347.2	13.84	403.0	16.42	432.0	17.78	474.8	19.36	522.4	22.26	534.4	22.72
	70	291.2	11.74	347.2	14.26	403.0	17.54	432.0	19.30	474.8	21.50	512.4	23.88	522.4	24.30
	75	291.2	12.02	347.2	15.20	403.0	18.78	432.0	20.70	474.8	23.04	504.6	25.00	516.4	25.32
	80	291.2	13.66	347.2	17.30	403.0	21.48	432.0	23.70	474.8	26.44	490.6	27.16	500.6	27.52
	85	291.2	14.54	347.2	18.48	403.0	22.94	432.0	25.28	472.8	28.04	482.8	28.28	494.6	28.66
	90	291.2	16.48	347.2	21.00	403.0	26.04	432.0	28.80	456.8	30.24	468.8	30.48	478.8	30.94
	95	291.2	17.48	347.2	22.36	403.0	27.80	432.0	30.74	451.0	31.32	460.8	31.62	472.8	32.08
	100	291.2	18.88	347.2	24.12	403.0	30.08	424.2	32.28	443.2	32.94	454.8	33.24	465.0	33.72
	105	291.2	21.22	347.2	27.18	400.8	33.82	412.6	34.58	429.8	35.28	441.0	35.60	451.8	36.08
110	291.2	23.70	347.2	30.52	396.2	36.70	405.2	36.88	413.4	37.56	420.0	37.94	427.6	38.48	
115	291.2	27.24	347.2	34.84	377.2	38.42	388.8	38.42	398.6	39.00	402.2	39.08	404.0	39.34	
118	291.2	27.48	304.6	32.68	328.4	32.32	338.6	32.60	347.0	33.10	350.2	33.16	348.8	33.38	
122	249.2	24.88	244.2	24.86	261.8	24.60	270.4	24.66	278.0	25.06	281.2	25.14	280.8	25.36	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50-130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA

ARUM432BTE5 / ARUM432DTE5

432,000 Btu/h 208-230V / 460V Outdoor Units

Performance Data

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-9.9	204.4	5.12	243.0	6.10	283.6	7.16	302.8	7.68	322.0	8.18	360.6	9.36	401.2	10.48
	-5	204.4	5.40	243.0	6.42	283.6	7.56	302.8	8.10	322.0	8.62	360.6	9.88	401.2	11.06
	0	204.4	5.62	243.0	6.68	283.6	7.86	302.8	8.42	322.0	8.98	360.6	10.28	401.2	11.50
	5	204.4	5.84	243.0	6.94	283.6	8.16	302.8	8.72	322.0	9.30	360.6	10.66	401.2	11.92
	10	204.4	6.00	243.0	7.12	283.6	8.40	302.8	8.98	322.0	9.56	360.6	10.96	401.2	12.26
	14	204.4	6.22	243.0	7.38	283.6	8.70	302.8	9.30	322.0	9.92	360.6	11.36	401.2	12.72
	20	204.4	6.44	243.0	7.64	283.6	8.96	302.8	9.62	322.0	10.26	360.6	11.72	401.2	13.14
	25	204.4	6.60	243.0	7.84	283.6	9.20	302.8	9.86	322.0	10.54	360.6	12.02	401.2	13.50
	30	204.4	6.78	243.0	8.04	283.6	9.42	302.8	10.12	322.0	10.82	360.6	12.32	401.2	13.86
	35	204.4	6.98	243.0	8.26	283.6	9.68	302.8	10.40	322.0	11.12	360.6	12.64	401.2	14.24
	40	204.4	7.14	243.0	8.48	283.6	9.92	302.8	10.66	322.0	11.40	360.6	12.98	401.2	14.58
	45	204.4	7.26	243.0	8.60	283.6	10.08	302.8	10.86	322.0	11.58	360.6	13.18	401.2	14.82
	50	204.4	7.38	243.0	8.76	283.6	10.24	302.8	11.02	322.0	11.78	360.6	13.40	401.2	15.08
	55	204.4	7.52	243.0	8.92	283.6	10.42	302.8	11.18	322.0	12.00	360.6	13.66	401.2	15.38
	60	204.4	7.72	243.0	9.22	283.6	10.80	302.8	11.62	322.0	12.42	360.6	14.18	401.2	15.96
	65	204.4	7.86	243.0	9.40	283.6	11.08	302.8	11.82	322.0	12.68	360.6	14.44	401.2	16.22
	70	204.4	8.06	243.0	9.64	283.6	11.32	302.8	12.16	322.0	13.06	360.6	14.94	401.2	17.24
	75	204.4	8.20	243.0	9.82	283.6	11.52	302.8	12.60	322.0	13.66	360.6	15.96	401.2	18.26
	80	204.4	8.84	243.0	10.84	283.6	13.10	302.8	14.30	322.0	15.50	360.6	17.66	401.2	20.26
	85	204.4	9.40	243.0	11.52	283.6	13.96	302.8	15.24	322.0	16.70	360.6	18.82	401.2	21.12
90	204.4	10.54	243.0	13.02	283.6	15.80	302.8	17.24	322.0	18.88	360.6	20.98	401.2	22.92	
95	204.4	11.14	243.0	13.84	283.6	16.82	302.8	18.40	322.0	20.02	360.6	22.06	401.2	23.62	
100	204.4	12.04	243.0	14.94	283.6	18.14	302.8	19.86	322.0	20.62	360.6	23.08	401.2	24.28	
105	204.4	13.64	243.0	17.02	283.6	20.02	302.8	21.18	322.0	22.40	360.6	24.32	401.2	25.70	
110	204.4	15.38	243.0	19.30	283.6	21.18	302.8	22.46	322.0	24.30	360.6	25.32	389.6	27.64	
115	204.4	16.52	243.0	20.58	283.6	21.90	302.8	23.74	322.0	25.00	360.6	26.10	367.2	29.42	
118	204.4	17.54	243.0	21.86	283.6	23.26	302.8	25.16	293.0	25.00	302.4	22.14	299.8	24.96	
122	204.4	18.92	243.0	23.68	253.0	22.22	242.0	20.68	234.8	18.92	242.8	16.78	241.4	18.96	
60%	-9.9	175.6	4.44	208.2	5.16	243.0	6.06	258.4	6.46	275.8	6.96	310.6	7.88	343.2	8.82
	-5	175.6	4.68	208.2	5.44	243.0	6.38	258.4	6.82	275.8	7.34	310.6	8.32	343.2	9.30
	0	175.6	4.88	208.2	5.66	243.0	6.64	258.4	7.10	275.8	7.64	310.6	8.66	343.2	9.68
	5	175.6	5.06	208.2	5.86	243.0	6.88	258.4	7.36	275.8	7.92	310.6	8.98	343.2	10.02
	10	175.6	5.20	208.2	6.04	243.0	7.08	258.4	7.58	275.8	8.16	310.6	9.22	343.2	10.32
	14	175.6	5.38	208.2	6.26	243.0	7.34	258.4	7.84	275.8	8.44	310.6	9.56	343.2	10.70
	20	175.6	5.56	208.2	6.48	243.0	7.58	258.4	8.12	275.8	8.72	310.6	9.88	343.2	11.06
	25	175.6	5.68	208.2	6.68	243.0	7.78	258.4	8.34	275.8	8.94	310.6	10.14	343.2	11.38
	30	175.6	5.82	208.2	6.86	243.0	7.98	258.4	8.58	275.8	9.18	310.6	10.40	343.2	11.68
	35	175.6	5.96	208.2	7.04	243.0	8.18	258.4	8.80	275.8	9.40	310.6	10.66	343.2	11.98
	40	175.6	6.12	208.2	7.22	243.0	8.40	258.4	9.02	275.8	9.66	310.6	10.96	343.2	12.30
	45	175.6	6.18	208.2	7.28	243.0	8.46	258.4	9.10	275.8	9.74	310.6	11.04	343.2	12.38
	50	175.6	6.24	208.2	7.34	243.0	8.54	258.4	9.18	275.8	9.82	310.6	11.14	343.2	12.50
	55	175.6	6.32	208.2	7.48	243.0	8.70	258.4	9.36	275.8	10.00	310.6	11.36	343.2	12.72
	60	175.6	6.54	208.2	7.72	243.0	9.00	258.4	9.70	275.8	10.38	310.6	11.74	343.2	13.24
	65	175.6	6.62	208.2	7.86	243.0	9.18	258.4	9.86	275.8	10.54	310.6	12.00	343.2	13.50
	70	175.6	6.78	208.2	8.06	243.0	9.44	258.4	10.12	275.8	10.84	310.6	12.34	343.2	14.00
	75	175.6	6.92	208.2	8.20	243.0	9.60	258.4	10.34	275.8	11.18	310.6	13.06	343.2	14.92
	80	175.6	7.34	208.2	8.96	243.0	10.76	258.4	11.74	275.8	12.72	310.6	14.64	343.2	16.86
	85	175.6	7.82	208.2	9.52	243.0	11.44	258.4	12.50	275.8	13.62	310.6	15.40	343.2	17.40
90	175.6	8.76	208.2	10.76	243.0	12.94	258.4	14.14	275.8	15.30	310.6	17.22	343.2	18.98	
95	175.6	9.26	208.2	11.40	243.0	13.74	258.4	15.08	275.8	16.20	310.6	18.00	343.2	19.98	
100	175.6	9.94	208.2	12.26	243.0	14.82	258.4	16.22	275.8	16.92	310.6	19.10	343.2	20.84	
105	175.6	11.32	208.2	13.96	243.0	16.36	258.4	17.30	275.8	18.42	310.6	20.28	343.2	22.72	
110	175.6	12.72	208.2	15.84	243.0	17.64	258.4	18.36	275.8	19.90	310.6	21.70	343.2	24.78	
115	175.6	13.62	208.2	16.90	243.0	18.34	258.4	19.42	275.8	20.60	310.6	22.94	343.2	26.48	
118	175.6	14.42	208.2	17.92	243.0	19.46	258.4	20.64	275.8	21.92	302.4	22.14	299.8	24.96	
122	175.6	15.54	208.2	19.38	243.0	21.08	241.4	20.94	233.6	19.38	242.8	16.78	241.4	18.96	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50-130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA



ARUM432BTE5 / ARUM432DTE5

432,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-9.9	145.8	3.82	173.6	4.50	202.6	5.04	216.0	5.42	229.6	5.84	258.4	6.48	285.4	7.18
	-5	145.8	4.04	173.6	4.74	202.6	5.30	216.0	5.72	229.6	6.16	258.4	6.84	285.4	7.58
	0	145.8	4.20	173.6	4.94	202.6	5.52	216.0	5.94	229.6	6.40	258.4	7.10	285.4	7.88
	5	145.8	4.34	173.6	5.12	202.6	5.72	216.0	6.16	229.6	6.64	258.4	7.36	285.4	8.16
	10	145.8	4.48	173.6	5.26	202.6	5.88	216.0	6.34	229.6	6.82	258.4	7.58	285.4	8.40
	14	145.8	4.64	173.6	5.46	202.6	6.10	216.0	6.58	229.6	7.08	258.4	7.86	285.4	8.70
	20	145.8	4.80	173.6	5.62	202.6	6.36	216.0	6.82	229.6	7.30	258.4	8.14	285.4	9.04
	25	145.8	4.94	173.6	5.76	202.6	6.56	216.0	7.00	229.6	7.50	258.4	8.38	285.4	9.32
	30	145.8	5.10	173.6	5.90	202.6	6.78	216.0	7.20	229.6	7.70	258.4	8.62	285.4	9.60
	35	145.8	5.22	173.6	6.06	202.6	6.94	216.0	7.40	229.6	7.90	258.4	8.86	285.4	9.84
	40	145.8	5.36	173.6	6.22	202.6	7.12	216.0	7.58	229.6	8.10	258.4	9.06	285.4	10.10
	45	145.8	5.44	173.6	6.30	202.6	7.22	216.0	7.68	229.6	8.20	258.4	9.20	285.4	10.24
	50	145.8	5.52	173.6	6.40	202.6	7.34	216.0	7.80	229.6	8.34	258.4	9.32	285.4	10.38
	55	145.8	5.64	173.6	6.52	202.6	7.46	216.0	7.92	229.6	8.44	258.4	9.50	285.4	10.56
	60	145.8	5.74	173.6	6.68	202.6	7.68	216.0	8.22	229.6	8.74	258.4	9.80	285.4	10.98
	65	145.8	5.80	173.6	6.80	202.6	7.80	216.0	8.34	229.6	8.86	258.4	9.98	285.4	11.14
	70	145.8	5.98	173.6	6.92	202.6	7.98	216.0	8.56	229.6	9.10	258.4	10.26	285.4	11.50
	75	145.8	6.04	173.6	7.04	202.6	8.16	216.0	8.68	229.6	9.26	258.4	10.44	285.4	11.74
	80	145.8	6.22	173.6	7.46	202.6	8.74	216.0	9.44	229.6	10.14	258.4	11.68	285.4	13.32
	85	145.8	6.62	173.6	7.86	202.6	9.26	216.0	10.04	229.6	10.80	258.4	12.44	285.4	14.20
	90	145.8	7.40	173.6	8.80	202.6	10.44	216.0	11.26	229.6	12.14	258.4	14.02	285.4	16.08
95	145.8	7.80	173.6	9.32	202.6	11.02	216.0	11.96	229.6	12.90	258.4	14.90	285.4	17.08	
100	145.8	8.22	173.6	9.86	202.6	11.68	216.0	12.68	229.6	13.66	258.4	15.84	285.4	18.12	
105	145.8	8.98	173.6	10.88	202.6	12.92	216.0	13.98	229.6	15.12	258.4	17.56	285.4	20.16	
110	145.8	9.92	173.6	12.02	202.6	14.32	216.0	15.54	229.6	16.84	258.4	19.60	285.4	22.52	
115	145.8	10.62	173.6	12.90	202.6	15.38	216.0	16.72	229.6	18.12	258.4	21.12	285.4	24.28	
118	145.8	11.48	173.6	14.00	202.6	16.70	216.0	18.18	229.6	19.74	258.4	22.14	285.4	24.96	
122	145.8	12.66	173.6	15.48	202.6	18.48	216.0	20.18	229.6	19.38	242.8	16.78	241.4	18.96	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
 Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual



COOLING CAPACITY DATA

ARUM456BTE5 / ARUM456DTE5

456,000 Btu/h 208-230V / 460V Outdoor Units

Performance Data

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130%	-9.9	414.6	9.86	492.5	11.97	572.6	14.21	593.6	15.33	602.0	16.55	622.9	18.96	637.7	19.59
	-5	414.6	10.41	492.5	12.64	572.6	15.00	593.6	16.17	602.0	17.45	622.9	20.00	637.7	20.67
	0	414.6	10.82	492.5	13.14	572.6	15.60	593.6	16.84	602.0	18.16	622.9	20.82	637.7	21.51
	5	414.6	11.22	492.5	13.62	572.6	16.17	593.6	17.44	602.0	18.83	622.9	21.58	637.7	22.30
	10	414.6	11.54	492.5	14.01	572.6	16.64	593.6	17.95	602.0	19.36	622.9	22.19	637.7	22.94
	14	414.6	11.97	492.5	14.52	572.6	17.24	593.6	18.60	602.0	20.07	622.9	22.99	637.7	23.75
	20	414.6	12.17	492.5	14.76	572.6	17.48	593.6	18.88	602.0	20.35	622.9	23.31	637.7	24.11
	25	414.6	12.34	492.5	14.94	572.6	17.69	593.6	19.12	602.0	20.58	622.9	23.58	637.7	24.39
	30	414.6	12.52	492.5	15.13	572.6	17.91	593.6	19.36	602.0	20.80	622.9	23.86	637.7	24.67
	35	414.6	12.65	492.5	15.33	572.6	18.12	593.6	19.56	602.0	21.07	622.9	24.14	637.7	24.98
	40	414.6	12.81	492.5	15.49	572.6	18.33	593.6	19.83	602.0	21.31	622.9	24.42	637.7	25.27
	45	414.6	12.94	492.5	15.65	572.6	18.53	593.6	20.03	602.0	21.51	622.9	24.67	637.7	25.53
	50	414.6	13.08	492.5	15.81	572.6	18.71	593.6	20.23	602.0	21.75	622.9	24.91	637.7	25.78
	55	414.6	13.29	492.5	16.12	572.6	19.07	585.2	20.67	593.6	22.18	614.4	25.35	629.3	25.97
	60	414.6	13.73	492.5	16.68	564.2	19.87	572.2	21.46	578.8	23.03	599.6	26.14	614.4	26.26
	65	414.6	14.01	492.5	17.04	555.6	20.23	564.2	21.88	570.4	23.47	591.0	27.02	605.8	27.22
	70	414.6	13.49	492.5	16.37	545.2	20.16	551.4	22.18	559.8	24.34	580.3	27.03	595.4	27.30
	75	414.6	13.81	492.5	17.47	536.9	21.58	543.0	23.79	551.4	26.10	571.9	28.31	586.7	28.53
	80	414.6	15.72	492.5	19.88	522.1	24.67	528.3	27.23	536.9	29.93	557.0	30.74	571.9	31.01
	85	414.6	16.72	492.5	21.23	513.7	26.37	522.1	29.06	528.3	31.76	548.4	32.02	563.5	32.29
90	414.6	18.95	484.1	24.14	498.9	29.93	505.1	33.09	513.7	34.25	533.6	34.52	548.4	34.85	
95	419.1	20.08	480.7	25.69	495.6	31.96	504.2	35.32	510.6	35.47	530.8	35.80	545.7	36.13	
100	419.1	21.75	472.3	27.78	487.2	34.64	495.6	37.19	502.0	37.39	524.3	37.72	539.3	38.07	
105	419.1	24.51	459.7	31.44	474.3	39.07	481.8	39.98	489.1	40.19	506.1	40.55	513.4	40.94	
110	419.1	27.53	440.5	35.43	459.0	42.62	460.5	42.83	467.1	42.98	477.0	43.39	478.8	43.81	
115	416.9	31.85	424.5	40.74	424.5	44.93	424.5	44.93	424.5	44.93	430.6	45.01	432.5	45.09	
118	362.5	26.98	369.1	34.52	369.7	37.79	369.7	38.12	369.7	38.12	375.0	38.19	373.5	38.27	
122	289.6	20.47	296.0	26.25	294.6	28.77	295.3	28.82	296.0	28.86	301.0	28.94	300.6	29.06	
120%	-9.9	377.3	9.30	450.3	11.26	523.3	13.34	560.8	14.40	585.9	15.52	612.5	17.80	625.1	18.39
	-5	377.3	9.81	450.3	11.89	523.3	14.08	560.8	15.17	585.9	16.37	612.5	18.76	625.1	19.40
	0	377.3	10.21	450.3	12.37	523.3	14.65	560.8	15.80	585.9	17.04	612.5	19.52	625.1	20.19
	5	377.3	10.58	450.3	12.82	523.3	15.17	560.8	16.37	585.9	17.65	612.5	20.24	625.1	20.92
	10	377.3	10.89	450.3	13.20	523.3	15.61	560.8	16.84	585.9	18.16	612.5	20.83	625.1	21.52
	14	377.3	11.29	450.3	13.68	523.3	16.19	560.8	17.45	585.9	18.83	612.5	21.58	625.1	22.30
	20	377.3	11.45	450.3	13.88	523.3	16.41	560.8	17.72	585.9	19.08	612.5	21.88	625.1	22.63
	25	377.3	11.61	450.3	14.05	523.3	16.61	560.8	17.95	585.9	19.31	612.5	22.14	625.1	22.90
	30	377.3	11.74	450.3	14.21	523.3	16.80	560.8	18.16	585.9	19.52	612.5	22.39	625.1	23.16
	35	377.3	11.90	450.3	14.37	523.3	17.01	560.8	18.40	585.9	19.76	612.5	22.66	625.1	23.46
	40	377.3	12.05	450.3	14.57	523.3	17.24	560.8	18.63	585.9	20.03	612.5	22.95	625.1	23.75
	45	377.3	12.18	450.3	14.73	523.3	17.43	560.8	18.84	585.9	20.24	612.5	23.19	625.1	24.02
	50	377.3	12.32	450.3	14.89	523.3	17.61	560.8	19.04	585.9	20.47	612.5	23.47	625.1	24.27
	55	377.3	12.52	450.3	15.17	523.3	17.96	560.8	19.45	579.5	20.88	603.9	23.87	618.7	24.46
	60	377.3	12.93	450.3	15.72	523.3	18.71	556.7	20.20	562.8	21.70	589.0	24.62	601.9	25.06
	65	377.3	13.20	450.3	16.05	523.3	19.04	548.3	20.60	556.7	22.11	580.6	25.43	595.4	25.65
	70	377.3	12.94	450.3	15.73	523.3	19.35	537.8	21.30	544.1	23.36	569.9	25.95	582.6	26.22
	75	377.3	13.26	450.3	16.76	523.3	20.71	529.6	22.84	537.8	25.06	561.3	27.18	576.4	27.38
	80	377.3	15.08	450.3	19.08	508.8	23.70	514.9	26.14	521.3	28.74	546.5	29.50	559.3	29.77
	85	377.3	16.05	450.3	20.39	500.4	25.30	506.6	27.90	514.9	30.49	538.0	30.74	552.9	31.01
90	377.3	18.19	450.3	23.18	485.7	28.74	492.1	31.77	498.2	32.88	523.2	33.13	535.8	33.45	
95	381.2	19.28	455.2	24.66	482.5	30.68	488.7	33.92	497.1	34.04	519.9	34.36	535.1	34.69	
100	381.2	20.87	455.2	26.66	473.9	33.25	482.5	35.69	488.7	35.88	513.7	36.23	526.4	36.55	
105	381.2	23.51	447.7	30.20	461.4	37.52	468.9	38.38	475.0	38.59	498.6	38.92	506.9	39.28	
110	381.2	26.42	436.3	34.00	450.6	40.91	451.9	41.11	458.6	41.26	472.8	41.66	474.7	42.06	
115	370.8	30.57	420.3	39.11	420.3	43.14	420.3	43.14	420.3	43.14	430.8	43.22	432.8	43.29	
118	331.0	26.98	365.6	33.13	366.0	36.27	366.0	36.60	366.0	36.60	375.1	36.67	373.5	36.72	
122	264.5	20.47	293.3	25.19	291.8	27.61	292.5	27.67	293.3	27.70	301.3	27.78	300.6	27.90	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA



ARUM456BTE5 / ARUM456DTE5

456,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110%	-9.9	349.7	8.55	417.2	10.33	484.5	12.25	518.3	13.26	552.1	14.21	608.1	16.21	621.0	16.83
	-5	349.7	9.03	417.2	10.90	484.5	12.92	518.3	14.00	552.1	15.00	608.1	17.12	621.0	17.76
	0	349.7	9.39	417.2	11.33	484.5	13.44	518.3	14.56	552.1	15.60	608.1	17.80	621.0	18.47
	5	349.7	9.74	417.2	11.74	484.5	13.93	518.3	15.09	552.1	16.17	608.1	18.44	621.0	19.15
	10	349.7	10.02	417.2	12.09	484.5	14.33	518.3	15.53	552.1	16.64	608.1	18.99	621.0	19.68
	14	349.7	10.38	417.2	12.53	484.5	14.84	518.3	16.09	552.1	17.24	608.1	19.67	621.0	20.40
	20	349.7	10.53	417.2	12.73	484.5	15.06	518.3	16.32	552.1	17.51	608.1	20.00	621.0	20.72
	25	349.7	10.66	417.2	12.89	484.5	15.25	518.3	16.49	552.1	17.72	608.1	20.28	621.0	20.99
	30	349.7	10.78	417.2	13.05	484.5	15.44	518.3	16.69	552.1	17.95	608.1	20.56	621.0	21.24
	35	349.7	10.94	417.2	13.24	484.5	15.65	518.3	16.93	552.1	18.20	608.1	20.87	621.0	21.59
	40	349.7	11.10	417.2	13.42	484.5	15.88	518.3	17.16	552.1	18.45	608.1	21.15	621.0	21.86
	45	349.7	11.29	417.2	13.64	484.5	16.13	518.3	17.44	552.1	18.76	608.1	21.51	621.0	22.23
	50	349.7	11.46	417.2	13.88	484.5	16.40	518.3	17.73	552.1	19.07	608.1	21.86	621.0	22.58
	55	349.7	11.65	417.2	14.13	484.5	16.72	518.3	18.12	552.1	19.44	599.6	22.23	612.5	22.79
	60	349.7	12.04	417.2	14.64	484.5	17.41	518.3	18.80	552.1	20.20	584.5	22.94	597.4	23.14
	65	349.7	12.29	417.2	14.96	484.5	17.73	518.3	19.19	552.1	20.59	576.0	23.70	588.7	23.87
	70	349.7	12.41	417.2	15.08	484.5	18.56	518.3	20.43	541.5	22.40	565.1	24.89	578.0	25.14
	75	349.7	12.73	417.2	16.08	484.5	19.87	518.3	21.91	533.1	24.02	556.6	26.06	569.5	26.26
	80	346.2	14.45	413.0	18.31	479.6	22.71	506.6	25.07	513.0	27.55	535.9	28.30	548.7	28.54
	85	346.2	15.40	413.0	19.55	479.6	24.26	498.3	26.74	504.6	29.22	527.5	29.49	540.3	29.73
	90	346.2	17.44	413.0	22.22	477.6	27.55	483.8	30.46	490.1	31.53	512.6	31.77	525.5	32.09
	95	346.2	18.49	413.0	23.64	469.2	29.41	475.4	32.52	481.8	32.64	504.2	32.96	516.8	33.25
100	346.2	20.03	413.0	25.58	462.9	31.89	469.2	34.23	475.4	34.41	497.8	34.73	510.4	35.04	
105	346.2	22.56	413.0	28.93	448.5	35.99	454.8	36.83	460.9	37.00	483.0	37.32	495.5	37.68	
110	346.2	25.34	413.0	32.61	434.7	39.23	435.9	39.43	442.3	39.55	456.1	39.95	457.9	40.32	
115	346.2	29.33	413.0	37.51	416.1	41.35	416.1	41.35	418.0	41.35	426.4	41.43	428.3	41.51	
118	334.4	26.71	359.1	31.77	362.2	34.77	362.2	35.09	364.0	35.09	371.2	35.16	369.7	35.21	
122	267.2	20.27	288.0	24.15	288.8	26.47	289.5	26.54	291.5	26.57	298.0	26.65	297.6	26.75	
100%	-9.9	307.4	7.54	366.4	9.09	425.5	10.77	456.0	11.73	501.2	12.70	562.0	14.65	593.5	15.25
	-5	307.4	7.94	366.4	9.58	425.5	11.37	456.0	12.38	501.2	13.40	562.0	15.45	593.5	16.09
	0	307.4	8.26	366.4	9.98	425.5	11.82	456.0	12.89	501.2	13.93	562.0	16.08	593.5	16.75
	5	307.4	8.57	366.4	10.34	425.5	12.25	456.0	13.34	501.2	14.45	562.0	16.67	593.5	17.36
	10	307.4	8.82	366.4	10.63	425.5	12.61	456.0	13.73	501.2	14.85	562.0	17.15	593.5	17.85
	14	307.4	9.14	366.4	11.02	425.5	13.06	456.0	14.24	501.2	15.40	562.0	17.76	593.5	18.51
	20	307.4	9.42	366.4	11.38	425.5	13.48	456.0	14.64	501.2	15.89	562.0	18.28	593.5	19.03
	25	307.4	9.66	366.4	11.69	425.5	13.81	456.0	14.97	501.2	16.29	562.0	18.72	593.5	19.47
	30	307.4	9.90	366.4	11.97	425.5	14.17	456.0	15.32	501.2	16.71	562.0	19.15	593.5	19.91
	35	307.4	10.05	366.4	12.17	425.5	14.40	456.0	15.56	501.2	16.97	562.0	19.47	593.5	20.24
	40	307.4	10.22	366.4	12.37	425.5	14.61	456.0	15.80	501.2	17.24	562.0	19.76	593.5	20.55
	45	307.4	10.45	366.4	12.64	425.5	14.92	456.0	16.15	501.2	17.60	562.0	20.19	593.5	20.99
	50	307.4	10.65	366.4	12.88	425.5	15.24	456.0	16.47	501.2	17.96	562.0	20.59	593.5	21.40
	55	307.4	10.82	366.4	13.12	425.5	15.52	456.0	16.81	501.2	18.32	562.0	20.95	587.1	21.72
	60	307.4	11.17	366.4	13.58	425.5	16.17	456.0	17.47	501.2	19.04	559.8	21.60	570.4	22.11
	65	307.4	11.41	366.4	13.88	425.5	16.47	456.0	17.81	501.2	19.40	551.4	22.31	564.0	22.76
	70	307.4	11.77	366.4	14.29	425.5	17.59	456.0	19.35	501.2	21.55	541.0	23.94	551.4	24.35
	75	307.4	12.05	366.4	15.24	425.5	18.81	456.0	20.75	501.2	23.10	532.7	25.06	545.2	25.38
	80	307.4	13.69	366.4	17.35	425.5	21.52	456.0	23.75	501.2	26.50	517.9	27.22	528.5	27.58
	85	307.4	14.57	366.4	18.52	425.5	22.99	456.0	25.34	499.0	28.10	509.6	28.34	522.1	28.73
	90	307.4	16.52	366.4	21.04	425.5	26.10	456.0	28.86	482.2	30.32	494.8	30.56	505.4	31.01
	95	307.4	17.52	366.4	22.40	425.5	27.86	456.0	30.81	476.1	31.40	486.4	31.69	499.0	32.14
100	307.4	18.92	366.4	24.18	425.5	30.14	447.9	32.36	467.8	33.01	480.0	33.32	490.9	33.80	
105	307.4	21.27	366.4	27.23	423.2	33.89	435.5	34.67	453.7	35.36	465.5	35.68	476.9	36.16	
110	307.4	23.75	366.4	30.58	418.3	36.79	427.8	36.96	436.3	37.64	443.4	38.03	451.4	38.56	
115	307.4	27.30	366.4	34.92	398.2	38.51	410.4	38.51	420.7	39.08	424.5	39.16	426.4	39.43	
118	307.4	27.54	321.5	32.76	346.6	32.38	357.3	32.68	366.3	33.17	369.7	33.24	368.2	33.45	
122	263.0	24.94	257.7	24.91	276.3	24.66	285.4	24.71	293.4	25.11	296.8	25.19	296.4	25.42	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
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Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
90%	-9.9	276.9	6.71	329.8	8.06	384.9	9.50	411.2	10.22	437.7	10.93	490.6	12.58	543.5	13.81
	-5	276.9	7.10	329.8	8.50	384.9	10.03	411.2	10.78	437.7	11.53	490.6	13.29	543.5	14.57
	0	276.9	7.38	329.8	8.83	384.9	10.45	411.2	11.22	437.7	12.00	490.6	13.81	543.5	15.17
	5	276.9	7.65	329.8	9.15	384.9	10.82	411.2	11.64	437.7	12.44	490.6	14.32	543.5	15.72
	10	276.9	7.86	329.8	9.42	384.9	11.13	411.2	11.97	437.7	12.78	490.6	14.73	543.5	16.17
	14	276.9	8.14	329.8	9.77	384.9	11.53	411.2	12.41	437.7	13.25	490.6	15.26	543.5	16.76
	20	276.9	8.45	329.8	10.14	384.9	11.97	411.2	12.89	437.7	13.81	490.6	15.81	543.5	17.40
	25	276.9	8.69	329.8	10.45	384.9	12.33	411.2	13.28	437.7	14.26	490.6	16.28	543.5	17.93
	30	276.9	8.94	329.8	10.74	384.9	12.69	411.2	13.68	437.7	14.73	490.6	16.72	543.5	18.47
	35	276.9	9.22	329.8	11.09	384.9	13.06	411.2	14.08	437.7	15.16	490.6	17.23	543.5	19.04
	40	276.9	9.49	329.8	11.41	384.9	13.45	411.2	14.52	437.7	15.61	490.6	17.75	543.5	19.59
	45	276.9	9.70	329.8	11.69	384.9	13.77	411.2	14.85	437.7	16.00	490.6	18.15	543.5	20.07
	50	276.9	9.91	329.8	11.93	384.9	14.08	411.2	15.17	437.7	16.33	490.6	18.56	543.5	20.50
	55	276.9	10.05	329.8	12.13	384.9	14.32	411.2	15.49	437.7	16.65	490.6	18.92	543.5	20.68
	60	276.9	10.41	329.8	12.61	384.9	14.88	411.2	16.09	437.7	17.32	490.6	19.67	538.9	20.92
	65	276.9	10.58	329.8	12.85	384.9	15.17	411.2	16.40	437.7	17.63	490.6	20.03	535.4	21.96
	70	276.9	10.90	329.8	13.22	384.9	15.73	411.2	17.32	437.7	18.92	490.6	22.34	525.2	23.59
	75	276.9	11.09	329.8	13.84	384.9	16.84	411.2	18.55	437.7	20.32	490.6	23.30	517.1	24.66
	80	276.9	12.42	329.8	15.68	384.9	19.23	411.2	21.18	437.7	23.19	490.6	25.75	502.8	26.81
	85	276.9	13.22	329.8	16.72	384.9	20.56	411.2	22.59	437.7	24.79	484.5	27.13	494.7	27.90
90	276.9	14.93	329.8	18.92	384.9	23.31	411.2	25.70	437.7	28.22	470.4	29.69	480.4	30.13	
95	276.9	15.92	329.8	20.08	384.9	24.86	411.2	27.42	437.7	30.12	462.1	30.81	472.3	31.24	
100	276.9	16.44	329.8	20.92	384.9	25.89	411.2	28.50	437.7	30.77	456.0	32.13	464.1	32.49	
105	276.9	19.04	329.8	24.27	384.9	29.26	411.2	31.21	432.8	33.00	441.9	34.44	447.7	34.88	
110	276.9	21.87	329.8	28.01	384.9	32.12	411.2	33.69	415.3	35.79	420.7	37.00	424.1	37.43	
115	276.9	23.68	329.8	30.36	360.3	33.81	389.9	35.25	395.5	36.92	399.1	37.72	400.9	38.22	
118	276.9	25.15	321.5	32.76	313.8	28.42	339.4	29.92	344.3	31.33	347.4	32.01	346.1	32.42	
122	263.0	24.94	257.7	24.91	250.0	21.64	271.3	22.63	275.8	23.71	279.0	24.27	278.5	24.63	
80%	-9.9	246.3	5.82	293.1	7.02	342.0	8.14	364.4	8.85	388.8	9.54	435.6	10.89	482.5	12.13
	-5	246.3	6.14	293.1	7.39	342.0	8.58	364.4	9.33	388.8	10.06	435.6	11.49	482.5	12.80
	0	246.3	6.39	293.1	7.70	342.0	8.94	364.4	9.70	388.8	10.46	435.6	11.94	482.5	13.30
	5	246.3	6.62	293.1	7.98	342.0	9.26	364.4	10.06	388.8	10.85	435.6	12.38	482.5	13.80
	10	246.3	6.82	293.1	8.21	342.0	9.53	364.4	10.34	388.8	11.17	435.6	12.74	482.5	14.20
	14	246.3	7.06	293.1	8.50	342.0	9.87	364.4	10.73	388.8	11.57	435.6	13.21	482.5	14.70
	20	246.3	7.33	293.1	8.81	342.0	10.26	364.4	11.13	388.8	11.97	435.6	13.68	482.5	15.28
	25	246.3	7.55	293.1	9.06	342.0	10.61	364.4	11.46	388.8	12.29	435.6	14.08	482.5	15.73
	30	246.3	7.78	293.1	9.30	342.0	10.93	364.4	11.80	388.8	12.62	435.6	14.48	482.5	16.21
	35	246.3	7.98	293.1	9.58	342.0	11.25	364.4	12.10	388.8	12.97	435.6	14.88	482.5	16.68
	40	246.3	8.21	293.1	9.82	342.0	11.53	364.4	12.45	388.8	13.33	435.6	15.28	482.5	17.12
	45	246.3	8.31	293.1	9.94	342.0	11.70	364.4	12.64	388.8	13.49	435.6	15.49	482.5	17.35
	50	246.3	8.43	293.1	10.10	342.0	11.85	364.4	12.80	388.8	13.69	435.6	15.71	482.5	17.59
	55	246.3	8.55	293.1	10.26	342.0	12.06	364.4	13.01	388.8	13.96	435.6	16.00	482.5	17.88
	60	246.3	8.86	293.1	10.61	342.0	12.49	364.4	13.48	388.8	14.50	435.6	16.56	482.5	18.61
	65	246.3	8.98	293.1	10.82	342.0	12.76	364.4	13.73	388.8	14.81	435.6	16.85	482.5	19.04
	70	246.3	9.25	293.1	11.13	342.0	13.13	364.4	14.17	388.8	15.41	435.6	18.19	482.5	21.06
	75	246.3	9.42	293.1	11.34	342.0	13.77	364.4	15.10	388.8	16.44	435.6	19.35	482.5	22.19
	80	246.3	10.30	293.1	12.89	342.0	15.71	364.4	17.16	388.8	18.75	435.6	22.26	482.5	24.79
	85	246.3	11.01	293.1	13.69	342.0	16.73	364.4	18.32	388.8	20.07	435.6	23.71	482.5	25.45
90	246.3	12.37	293.1	15.53	342.0	18.92	364.4	20.79	388.8	22.80	435.6	26.06	474.6	26.97	
95	246.3	13.13	293.1	16.44	342.0	20.20	364.4	22.08	388.8	24.26	435.6	26.97	464.4	27.70	
100	246.3	14.17	293.1	17.72	342.0	21.79	364.4	23.66	388.8	25.22	435.6	28.06	454.0	28.58	
105	246.3	16.15	293.1	20.27	342.0	24.26	364.4	25.38	388.8	27.05	430.5	29.18	440.9	30.01	
110	246.3	18.32	293.1	23.11	342.0	25.73	364.4	27.11	388.8	29.14	415.3	30.25	417.3	31.56	
115	246.3	19.60	293.1	24.70	342.0	26.58	364.4	28.50	364.4	29.82	366.7	30.93	366.7	32.81	
118	246.3	20.80	293.1	26.25	313.8	28.42	320.0	27.05	317.3	25.30	319.2	26.26	316.5	27.85	
122	246.3	22.50	258.7	24.75	250.0	21.64	255.7	20.47	254.2	19.16	256.4	19.91	254.7	21.15	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA



ARUM456BTE5 / ARUM456DTE5

456,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-9.9	215.8	5.14	256.5	6.11	299.4	7.18	319.6	7.70	340.0	8.19	380.7	9.38	423.4	10.50
	-5	215.8	5.42	256.5	6.43	299.4	7.58	319.6	8.11	340.0	8.65	380.7	9.90	423.4	11.09
	0	215.8	5.63	256.5	6.70	299.4	7.89	319.6	8.43	340.0	8.99	380.7	10.30	423.4	11.53
	5	215.8	5.84	256.5	6.95	299.4	8.18	319.6	8.74	340.0	9.33	380.7	10.69	423.4	11.94
	10	215.8	6.02	256.5	7.14	299.4	8.42	319.6	9.01	340.0	9.58	380.7	10.98	423.4	12.29
	14	215.8	6.23	256.5	7.41	299.4	8.71	319.6	9.33	340.0	9.94	380.7	11.38	423.4	12.74
	20	215.8	6.44	256.5	7.66	299.4	8.98	319.6	9.63	340.0	10.29	380.7	11.74	423.4	13.17
	25	215.8	6.62	256.5	7.86	299.4	9.22	319.6	9.89	340.0	10.57	380.7	12.05	423.4	13.53
	30	215.8	6.79	256.5	8.06	299.4	9.43	319.6	10.14	340.0	10.85	380.7	12.34	423.4	13.89
	35	215.8	6.99	256.5	8.29	299.4	9.70	319.6	10.42	340.0	11.14	380.7	12.66	423.4	14.26
	40	215.8	7.17	256.5	8.50	299.4	9.94	319.6	10.69	340.0	11.42	380.7	13.01	423.4	14.61
	45	215.8	7.27	256.5	8.62	299.4	10.10	319.6	10.89	340.0	11.61	380.7	13.21	423.4	14.85
	50	215.8	7.39	256.5	8.78	299.4	10.26	319.6	11.05	340.0	11.81	380.7	13.44	423.4	15.10
	55	215.8	7.54	256.5	8.94	299.4	10.45	319.6	11.21	340.0	12.02	380.7	13.69	423.4	15.41
	60	215.8	7.74	256.5	9.25	299.4	10.82	319.6	11.65	340.0	12.45	380.7	14.21	423.4	16.00
	65	215.8	7.87	256.5	9.42	299.4	11.01	319.6	11.85	340.0	12.70	380.7	14.46	423.4	16.25
	70	215.8	8.09	256.5	9.66	299.4	11.34	319.6	12.20	340.0	13.09	380.7	14.97	423.4	17.28
	75	215.8	8.22	256.5	9.85	299.4	11.56	319.6	12.62	340.0	13.69	380.7	16.00	423.4	18.31
	80	215.8	8.86	256.5	10.86	299.4	13.13	319.6	14.33	340.0	15.53	380.7	17.69	423.4	20.31
	85	215.8	9.42	256.5	11.56	299.4	14.00	319.6	15.28	340.0	16.73	380.7	18.85	423.4	21.16
	90	215.8	10.57	256.5	13.05	299.4	15.84	319.6	17.28	340.0	18.92	380.7	21.03	423.4	22.98
95	215.8	11.17	256.5	13.86	299.4	16.85	319.6	18.44	340.0	20.07	380.7	22.11	423.4	23.67	
100	215.8	12.06	256.5	14.97	299.4	18.19	319.6	19.91	340.0	20.67	380.7	23.14	423.4	24.34	
105	215.8	13.68	256.5	17.07	299.4	20.07	319.6	21.23	340.0	22.46	380.7	24.38	423.4	25.75	
110	215.8	15.41	256.5	19.35	299.4	21.23	319.6	22.51	340.0	24.35	380.7	25.38	423.4	27.70	
115	215.8	16.56	256.5	20.63	299.4	21.95	319.6	23.79	340.0	25.06	380.7	26.15	423.4	29.49	
118	215.8	17.59	256.5	21.91	299.4	23.31	319.6	25.22	309.3	25.06	319.2	22.19	423.4	31.65	
122	215.8	18.96	256.5	23.74	267.1	22.27	255.4	20.72	247.8	18.96	256.4	16.83	254.7	19.00	
60%	-9.9	185.4	4.46	219.9	5.18	256.5	6.07	272.8	6.47	291.1	6.98	327.9	7.90	362.4	8.83
	-5	185.4	4.70	219.9	5.46	256.5	6.39	272.8	6.83	291.1	7.37	327.9	8.34	362.4	9.33
	0	185.4	4.88	219.9	5.67	256.5	6.66	272.8	7.11	291.1	7.66	327.9	8.67	362.4	9.70
	5	185.4	5.07	219.9	5.87	256.5	6.90	272.8	7.38	291.1	7.94	327.9	8.99	362.4	10.05
	10	185.4	5.22	219.9	6.06	256.5	7.10	272.8	7.59	291.1	8.18	327.9	9.25	362.4	10.34
	14	185.4	5.39	219.9	6.27	256.5	7.35	272.8	7.86	291.1	8.46	327.9	9.58	362.4	10.73
	20	185.4	5.56	219.9	6.50	256.5	7.59	272.8	8.14	291.1	8.74	327.9	9.90	362.4	11.09
	25	185.4	5.70	219.9	6.70	256.5	7.79	272.8	8.37	291.1	8.97	327.9	10.17	362.4	11.41
	30	185.4	5.83	219.9	6.87	256.5	7.99	272.8	8.59	291.1	9.19	327.9	10.42	362.4	11.70
	35	185.4	5.98	219.9	7.06	256.5	8.19	272.8	8.82	291.1	9.42	327.9	10.69	362.4	12.01
	40	185.4	6.14	219.9	7.23	256.5	8.42	272.8	9.05	291.1	9.67	327.9	10.98	362.4	12.33
	45	185.4	6.19	219.9	7.30	256.5	8.47	272.8	9.13	291.1	9.77	327.9	11.06	362.4	12.41
	50	185.4	6.26	219.9	7.35	256.5	8.55	272.8	9.21	291.1	9.85	327.9	11.17	362.4	12.53
	55	185.4	6.34	219.9	7.50	256.5	8.73	272.8	9.38	291.1	10.02	327.9	11.38	362.4	12.76
	60	185.4	6.55	219.9	7.74	256.5	9.02	272.8	9.71	291.1	10.41	327.9	11.77	362.4	13.26
	65	185.4	6.63	219.9	7.87	256.5	9.21	272.8	9.89	291.1	10.57	327.9	12.02	362.4	13.53
	70	185.4	6.79	219.9	8.09	256.5	9.46	272.8	10.14	291.1	10.86	327.9	12.37	362.4	14.04
	75	185.4	6.94	219.9	8.22	256.5	9.62	272.8	10.35	291.1	11.21	327.9	13.09	362.4	14.96
	80	185.4	7.35	219.9	8.98	256.5	10.78	272.8	11.77	291.1	12.76	327.9	14.68	362.4	16.89
	85	185.4	7.83	219.9	9.54	256.5	11.46	272.8	12.53	291.1	13.65	327.9	15.44	362.4	17.44
	90	185.4	8.78	219.9	10.78	256.5	12.97	272.8	14.17	291.1	15.33	327.9	17.27	362.4	19.01
95	185.4	9.29	219.9	11.42	256.5	13.77	272.8	15.10	291.1	16.24	327.9	18.04	362.4	20.03	
100	185.4	9.97	219.9	12.29	256.5	14.85	272.8	16.25	291.1	16.96	327.9	19.15	362.4	20.88	
105	185.4	11.34	219.9	13.98	256.5	16.40	272.8	17.35	291.1	18.45	327.9	20.34	362.4	22.78	
110	185.4	12.76	219.9	15.88	256.5	17.68	272.8	18.40	291.1	19.95	327.9	21.75	362.4	24.83	
115	185.4	13.65	219.9	16.95	256.5	18.37	272.8	19.47	291.1	20.64	327.9	22.99	362.4	26.54	
118	185.4	14.45	219.9	17.96	256.5	19.51	272.8	20.68	291.1	21.98	319.2	22.19	316.5	25.02	
122	185.4	15.57	219.9	19.43	256.5	21.14	254.7	20.99	246.6	19.43	256.4	16.83	254.7	19.00	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).

Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50-130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahrirectory.org.

COOLING CAPACITY DATA

ARUM456BTE5 / ARUM456DTE5

456,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-9.9	153.9	3.83	183.2	4.51	213.9	5.04	228.0	5.43	242.4	5.86	272.8	6.50	301.3	7.19
	-5	153.9	4.04	183.2	4.75	213.9	5.31	228.0	5.74	242.4	6.18	272.8	6.86	301.3	7.59
	0	153.9	4.20	183.2	4.95	213.9	5.54	228.0	5.95	242.4	6.42	272.8	7.11	301.3	7.90
	5	153.9	4.35	183.2	5.12	213.9	5.74	228.0	6.18	242.4	6.66	272.8	7.38	301.3	8.18
	10	153.9	4.48	183.2	5.27	213.9	5.90	228.0	6.35	242.4	6.83	272.8	7.59	301.3	8.42
	14	153.9	4.64	183.2	5.47	213.9	6.11	228.0	6.59	242.4	7.10	272.8	7.87	301.3	8.73
	20	153.9	4.82	183.2	5.63	213.9	6.38	228.0	6.83	242.4	7.33	272.8	8.15	301.3	9.06
	25	153.9	4.95	183.2	5.78	213.9	6.58	228.0	7.02	242.4	7.51	272.8	8.39	301.3	9.34
	30	153.9	5.11	183.2	5.91	213.9	6.79	228.0	7.22	242.4	7.71	272.8	8.63	301.3	9.62
	35	153.9	5.23	183.2	6.07	213.9	6.95	228.0	7.42	242.4	7.91	272.8	8.87	301.3	9.86
	40	153.9	5.38	183.2	6.23	213.9	7.14	228.0	7.59	242.4	8.11	272.8	9.09	301.3	10.11
	45	153.9	5.46	183.2	6.31	213.9	7.23	228.0	7.70	242.4	8.22	272.8	9.22	301.3	10.26
	50	153.9	5.52	183.2	6.42	213.9	7.35	228.0	7.82	242.4	8.35	272.8	9.34	301.3	10.41
	55	153.9	5.64	183.2	6.54	213.9	7.47	228.0	7.94	242.4	8.46	272.8	9.53	301.3	10.58
	60	153.9	5.75	183.2	6.70	213.9	7.70	228.0	8.23	242.4	8.77	272.8	9.82	301.3	11.01
	65	153.9	5.82	183.2	6.82	213.9	7.82	228.0	8.35	242.4	8.87	272.8	9.99	301.3	11.17
	70	153.9	5.99	183.2	6.94	213.9	7.99	228.0	8.58	242.4	9.11	272.8	10.29	301.3	11.53
	75	153.9	6.06	183.2	7.06	213.9	8.18	228.0	8.70	242.4	9.29	272.8	10.46	301.3	11.77
	80	153.9	6.23	183.2	7.47	213.9	8.77	228.0	9.46	242.4	10.17	272.8	11.70	301.3	13.34
	85	153.9	6.63	183.2	7.87	213.9	9.29	228.0	10.06	242.4	10.82	272.8	12.46	301.3	14.24
	90	153.9	7.42	183.2	8.82	213.9	10.46	228.0	11.29	242.4	12.17	272.8	14.05	301.3	16.12
95	153.9	7.82	183.2	9.34	213.9	11.05	228.0	12.00	242.4	12.93	272.8	14.93	301.3	17.12	
100	153.9	8.23	183.2	9.89	213.9	11.70	228.0	12.70	242.4	13.69	272.8	15.88	301.3	18.16	
105	153.9	8.99	183.2	10.90	213.9	12.94	228.0	14.01	242.4	15.16	272.8	17.60	301.3	20.20	
110	153.9	9.94	183.2	12.05	213.9	14.34	228.0	15.57	242.4	16.88	272.8	19.64	301.3	22.58	
115	153.9	10.65	183.2	12.93	213.9	15.41	228.0	16.76	242.4	18.16	272.8	21.16	301.3	24.34	
118	153.9	11.50	183.2	14.04	213.9	16.75	228.0	18.23	242.4	19.79	272.8	22.19	301.3	25.02	
122	153.9	12.69	183.2	15.52	213.9	18.52	228.0	20.23	242.4	19.43	256.4	16.83	254.7	19.00	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Performance Data

COOLING CAPACITY DATA



ARUM480BTE5 / ARUM480DTE5

480,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130%	-9.9	436.4	10.37	518.4	12.58	602.7	14.94	624.8	16.12	633.7	17.39	655.7	19.93	671.3	20.59
	-5	436.4	10.94	518.4	13.28	602.7	15.77	624.8	17.00	633.7	18.35	655.7	21.03	671.3	21.73
	0	436.4	11.38	518.4	13.82	602.7	16.40	624.8	17.70	633.7	19.09	655.7	21.88	671.3	22.61
	5	436.4	11.80	518.4	14.32	602.7	17.00	624.8	18.34	633.7	19.79	655.7	22.68	671.3	23.44
	10	436.4	12.14	518.4	14.73	602.7	17.49	624.8	18.87	633.7	20.35	655.7	23.33	671.3	24.11
	14	436.4	12.58	518.4	15.26	602.7	18.12	624.8	19.55	633.7	21.10	655.7	24.17	671.3	24.97
	20	436.4	12.79	518.4	15.51	602.7	18.38	624.8	19.85	633.7	21.39	655.7	24.51	671.3	25.35
	25	436.4	12.98	518.4	15.71	602.7	18.60	624.8	20.10	633.7	21.63	655.7	24.79	671.3	25.64
	30	436.4	13.16	518.4	15.91	602.7	18.82	624.8	20.35	633.7	21.87	655.7	25.08	671.3	25.94
	35	436.4	13.30	518.4	16.12	602.7	19.05	624.8	20.57	633.7	22.15	655.7	25.37	671.3	26.26
	40	436.4	13.47	518.4	16.29	602.7	19.27	624.8	20.84	633.7	22.40	655.7	25.67	671.3	26.57
	45	436.4	13.61	518.4	16.46	602.7	19.49	624.8	21.05	633.7	22.61	655.7	25.94	671.3	26.83
	50	436.4	13.75	518.4	16.62	602.7	19.67	624.8	21.26	633.7	22.86	655.7	26.19	671.3	27.10
	55	436.4	13.97	518.4	16.94	602.7	20.05	616.0	21.73	624.8	23.31	646.7	26.65	662.4	27.30
	60	436.4	14.43	518.4	17.54	593.8	20.89	602.3	22.56	609.3	24.22	631.1	27.48	646.7	27.61
	65	436.4	14.73	518.4	17.92	584.9	21.26	593.8	23.01	600.4	24.68	622.1	28.40	637.7	28.62
	70	436.4	14.18	518.4	17.22	573.9	21.19	580.5	23.32	589.3	25.59	610.9	28.42	626.7	28.70
	75	436.4	14.52	518.4	18.36	565.1	22.68	571.6	25.01	580.5	27.44	602.0	29.77	617.6	29.99
	80	436.4	16.52	518.4	20.90	549.5	25.94	556.1	28.63	565.1	31.47	586.3	32.32	602.0	32.60
	85	436.4	17.58	518.4	22.32	540.7	27.72	549.5	30.55	556.1	33.38	577.3	33.67	593.1	33.95
	90	436.4	19.92	509.6	25.38	525.1	31.47	531.7	34.79	540.7	36.01	561.7	36.29	577.3	36.64
	95	441.1	21.11	506.0	27.00	521.7	33.60	530.7	37.13	537.4	37.28	558.7	37.64	574.4	37.99
	100	441.1	22.86	497.1	29.21	512.8	36.42	521.7	39.09	528.4	39.30	551.9	39.66	567.7	40.02
	105	441.1	25.77	483.8	33.05	499.3	41.07	507.1	42.03	514.8	42.25	532.7	42.63	540.4	43.04
110	441.1	28.94	463.7	37.24	483.1	44.80	484.7	45.03	491.7	45.18	502.1	45.62	504.0	46.05	
115	438.9	33.48	446.9	42.83	446.9	47.23	446.9	47.23	446.9	47.23	453.3	47.32	455.3	47.40	
118	381.6	28.37	388.6	36.29	389.1	39.72	389.1	40.08	389.1	40.08	394.7	40.15	393.1	40.23	
122	304.9	21.52	311.6	27.59	310.1	30.24	310.9	30.30	311.6	30.34	316.9	30.43	316.4	30.55	
120%	-9.9	397.2	9.78	474.0	11.84	550.8	14.03	590.3	15.13	616.7	16.31	644.7	18.71	658.0	19.33
	-5	397.2	10.31	474.0	12.50	550.8	14.80	590.3	15.95	616.7	17.21	644.7	19.73	658.0	20.40
	0	397.2	10.73	474.0	13.00	550.8	15.40	590.3	16.61	616.7	17.91	644.7	20.52	658.0	21.22
	5	397.2	11.12	474.0	13.48	550.8	15.95	590.3	17.21	616.7	18.56	644.7	21.28	658.0	21.99
	10	397.2	11.44	474.0	13.87	550.8	16.41	590.3	17.70	616.7	19.09	644.7	21.89	658.0	22.63
	14	397.2	11.86	474.0	14.38	550.8	17.02	590.3	18.35	616.7	19.79	644.7	22.68	658.0	23.44
	20	397.2	12.04	474.0	14.59	550.8	17.26	590.3	18.63	616.7	20.06	644.7	23.00	658.0	23.79
	25	397.2	12.20	474.0	14.77	550.8	17.46	590.3	18.87	616.7	20.30	644.7	23.27	658.0	24.07
	30	397.2	12.35	474.0	14.94	550.8	17.66	590.3	19.09	616.7	20.53	644.7	23.54	658.0	24.35
	35	397.2	12.51	474.0	15.11	550.8	17.88	590.3	19.35	616.7	20.78	644.7	23.82	658.0	24.66
	40	397.2	12.66	474.0	15.32	550.8	18.12	590.3	19.58	616.7	21.05	644.7	24.13	658.0	24.97
	45	397.2	12.81	474.0	15.48	550.8	18.32	590.3	19.81	616.7	21.28	644.7	24.38	658.0	25.25
	50	397.2	12.95	474.0	15.66	550.8	18.52	590.3	20.02	616.7	21.52	644.7	24.67	658.0	25.52
	55	397.2	13.16	474.0	15.95	550.8	18.88	590.3	20.45	610.0	21.95	635.7	25.10	651.3	25.71
	60	397.2	13.59	474.0	16.52	550.8	19.67	586.0	21.24	592.5	22.81	620.0	25.88	633.5	26.34
	65	397.2	13.87	474.0	16.88	550.8	20.02	577.1	21.66	586.0	23.24	611.1	26.74	626.7	26.96
	70	397.2	13.61	474.0	16.54	550.8	20.34	566.2	22.39	572.7	24.56	599.9	27.28	613.3	27.56
	75	397.2	13.94	474.0	17.62	550.8	21.77	557.4	24.02	566.2	26.34	590.9	28.58	606.7	28.78
	80	397.2	15.85	474.0	20.06	535.5	24.91	542.0	27.48	548.7	30.21	575.3	31.02	588.7	31.30
	85	397.2	16.87	474.0	21.43	526.7	26.60	533.3	29.33	542.0	32.05	566.3	32.32	582.0	32.60
	90	397.2	19.12	474.0	24.36	511.3	30.21	518.0	33.40	524.4	34.56	550.7	34.83	564.0	35.17
	95	401.3	20.27	479.1	25.92	507.8	32.25	514.4	35.66	523.3	35.79	547.3	36.12	563.3	36.47
	100	401.3	21.94	479.1	28.03	498.9	34.96	507.8	37.52	514.4	37.72	540.7	38.08	554.2	38.42
	105	401.3	24.72	471.3	31.74	485.7	39.45	493.6	40.34	500.0	40.57	524.9	40.92	533.6	41.30
110	401.3	27.78	459.3	35.75	474.3	43.01	475.7	43.22	482.7	43.37	497.7	43.79	499.7	44.21	
115	390.3	32.14	442.5	41.12	442.5	45.35	442.5	45.35	442.5	45.35	453.4	45.43	455.5	45.51	
118	348.4	28.37	384.8	34.83	385.3	38.13	385.3	38.48	385.3	38.48	394.8	38.55	393.1	38.61	
122	278.4	21.52	308.7	26.49	307.1	29.02	307.9	29.09	308.7	29.12	317.1	29.21	316.4	29.33	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.



Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
110%	-9.9	368.1	8.99	439.1	10.86	510.0	12.87	545.6	13.94	581.1	14.94	640.1	17.05	653.7	17.69
	-5	368.1	9.50	439.1	11.46	510.0	13.58	545.6	14.72	581.1	15.77	640.1	18.00	653.7	18.67
	0	368.1	9.88	439.1	11.91	510.0	14.12	545.6	15.31	581.1	16.40	640.1	18.71	653.7	19.41
	5	368.1	10.24	439.1	12.35	510.0	14.64	545.6	15.87	581.1	17.00	640.1	19.39	653.7	20.13
	10	368.1	10.53	439.1	12.71	510.0	15.06	545.6	16.33	581.1	17.49	640.1	19.96	653.7	20.69
	14	368.1	10.91	439.1	13.17	510.0	15.60	545.6	16.92	581.1	18.12	640.1	20.68	653.7	21.45
	20	368.1	11.07	439.1	13.38	510.0	15.84	545.6	17.15	581.1	18.40	640.1	21.03	653.7	21.78
	25	368.1	11.21	439.1	13.55	510.0	16.03	545.6	17.34	581.1	18.63	640.1	21.32	653.7	22.06
	30	368.1	11.34	439.1	13.72	510.0	16.23	545.6	17.55	581.1	18.87	640.1	21.62	653.7	22.33
	35	368.1	11.51	439.1	13.92	510.0	16.45	545.6	17.80	581.1	19.14	640.1	21.94	653.7	22.70
	40	368.1	11.67	439.1	14.11	510.0	16.69	545.6	18.04	581.1	19.40	640.1	22.23	653.7	22.98
	45	368.1	11.87	439.1	14.34	510.0	16.96	545.6	18.34	581.1	19.72	640.1	22.61	653.7	23.37
	50	368.1	12.05	439.1	14.59	510.0	17.24	545.6	18.64	581.1	20.04	640.1	22.98	653.7	23.74
	55	368.1	12.25	439.1	14.85	510.0	17.58	545.6	19.05	581.1	20.44	631.1	23.37	644.7	23.96
	60	368.1	12.65	439.1	15.39	510.0	18.31	545.6	19.77	581.1	21.24	615.3	24.11	628.8	24.32
	65	368.1	12.92	439.1	15.72	510.0	18.64	545.6	20.17	581.1	21.64	606.3	24.91	619.7	25.10
	70	368.1	13.05	439.1	15.85	510.0	19.51	545.6	21.47	570.0	23.55	594.9	26.16	608.4	26.43
	75	368.1	13.38	439.1	16.90	510.0	20.88	545.6	23.03	561.1	25.25	585.9	27.40	599.4	27.60
	80	364.4	15.19	434.7	19.25	504.9	23.88	533.3	26.36	540.0	28.97	564.2	29.75	577.6	30.01
	85	364.4	16.19	434.7	20.55	504.9	25.50	524.6	28.11	531.2	30.72	555.3	31.00	568.7	31.25
	90	364.4	18.33	434.7	23.36	502.7	28.97	509.3	32.03	515.8	33.15	539.6	33.40	553.1	33.73
95	364.4	19.44	434.7	24.86	493.9	30.92	500.4	34.19	507.1	34.31	530.7	34.65	544.0	34.96	
100	364.4	21.05	434.7	26.89	487.3	33.53	493.9	35.98	500.4	36.18	524.0	36.51	537.3	36.84	
105	364.4	23.72	434.7	30.41	472.1	37.83	478.7	38.71	485.1	38.90	508.4	39.24	521.5	39.62	
110	364.4	26.64	434.7	34.28	457.5	41.24	458.9	41.45	465.6	41.58	480.1	42.00	482.0	42.39	
115	364.4	30.83	434.7	39.43	438.0	43.47	438.0	43.47	440.0	43.47	448.8	43.56	450.8	43.64	
118	352.0	28.08	378.0	33.40	381.3	36.56	381.3	36.89	383.1	36.89	390.7	36.96	389.1	37.02	
122	281.3	21.31	303.1	25.39	304.0	27.83	304.7	27.90	306.9	27.93	313.7	28.01	313.3	28.13	
100%	-9.9	323.6	7.92	385.7	9.55	447.9	11.32	480.0	12.33	527.6	13.35	591.6	15.40	624.7	16.04
	-5	323.6	8.35	385.7	10.07	447.9	11.95	480.0	13.02	527.6	14.08	591.6	16.25	624.7	16.92
	0	323.6	8.69	385.7	10.49	447.9	12.43	480.0	13.55	527.6	14.65	591.6	16.90	624.7	17.60
	5	323.6	9.01	385.7	10.87	447.9	12.88	480.0	14.03	527.6	15.19	591.6	17.52	624.7	18.25
	10	323.6	9.27	385.7	11.18	447.9	13.25	480.0	14.44	527.6	15.62	591.6	18.03	624.7	18.77
	14	323.6	9.61	385.7	11.59	447.9	13.73	480.0	14.97	527.6	16.19	591.6	18.67	624.7	19.46
	20	323.6	9.90	385.7	11.96	447.9	14.17	480.0	15.39	527.6	16.71	591.6	19.22	624.7	20.00
	25	323.6	10.16	385.7	12.28	447.9	14.52	480.0	15.74	527.6	17.13	591.6	19.68	624.7	20.47
	30	323.6	10.41	385.7	12.58	447.9	14.89	480.0	16.10	527.6	17.56	591.6	20.13	624.7	20.93
	35	323.6	10.56	385.7	12.79	447.9	15.13	480.0	16.36	527.6	17.84	591.6	20.47	624.7	21.28
	40	323.6	10.74	385.7	13.00	447.9	15.36	480.0	16.61	527.6	18.13	591.6	20.78	624.7	21.60
	45	323.6	10.98	385.7	13.28	447.9	15.68	480.0	16.97	527.6	18.50	591.6	21.22	624.7	22.06
	50	323.6	11.19	385.7	13.54	447.9	16.02	480.0	17.31	527.6	18.88	591.6	21.64	624.7	22.50
	55	323.6	11.38	385.7	13.79	447.9	16.32	480.0	17.68	527.6	19.26	591.6	22.02	618.0	22.84
	60	323.6	11.74	385.7	14.28	447.9	17.00	480.0	18.36	527.6	20.02	589.3	22.71	600.4	23.25
	65	323.6	11.99	385.7	14.59	447.9	17.31	480.0	18.73	527.6	20.39	580.4	23.46	593.7	23.93
	70	323.6	12.37	385.7	15.02	447.9	18.49	480.0	20.34	527.6	22.65	569.4	25.16	580.4	25.60
	75	323.6	12.67	385.7	16.02	447.9	19.78	480.0	21.82	527.6	24.28	560.7	26.35	573.9	26.68
	80	323.6	14.40	385.7	18.24	447.9	22.63	480.0	24.97	527.6	27.86	545.1	28.61	556.3	29.00
	85	323.6	15.32	385.7	19.47	447.9	24.17	480.0	26.64	525.3	29.54	536.4	29.80	549.6	30.20
	90	323.6	17.37	385.7	22.12	447.9	27.44	480.0	30.34	507.6	31.87	520.9	32.12	532.0	32.60
95	323.6	18.42	385.7	23.55	447.9	29.29	480.0	32.39	501.1	33.01	512.0	33.32	525.3	33.79	
100	323.6	19.89	385.7	25.42	447.9	31.69	471.4	34.02	492.4	34.71	505.3	35.03	516.7	35.53	
105	323.6	22.36	385.7	28.63	445.4	35.63	458.4	36.44	477.6	37.18	490.0	37.51	502.0	38.02	
110	323.6	24.97	385.7	32.15	440.3	38.68	450.3	38.86	459.3	39.57	466.7	39.98	475.1	40.54	
115	323.6	28.70	385.7	36.71	419.1	40.49	432.0	40.49	442.8	41.09	446.9	41.17	448.9	41.45	
118	323.6	28.95	338.4	34.44	364.9	34.05	376.1	34.35	385.6	34.87	389.1	34.94	387.6	35.17	
122	276.8	26.22	271.3	26.19	290.8	25.92	300.5	25.98	308.8	26.40	312.4	26.48	312.0	26.72	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.



COOLING CAPACITY DATA



ARUM480BTE5 / ARUM480DTE5

480,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	-9.9	291.4	7.06	347.1	8.47	405.1	9.99	432.9	10.75	460.7	11.49	516.4	13.23	572.1	14.52
	-5	291.4	7.46	347.1	8.93	405.1	10.55	432.9	11.34	460.7	12.12	516.4	13.97	572.1	15.32
	0	291.4	7.76	347.1	9.29	405.1	10.98	432.9	11.80	460.7	12.61	516.4	14.52	572.1	15.95
	5	291.4	8.04	347.1	9.62	405.1	11.38	432.9	12.23	460.7	13.07	516.4	15.05	572.1	16.52
	10	291.4	8.26	347.1	9.90	405.1	11.70	432.9	12.58	460.7	13.44	516.4	15.49	572.1	17.00
	14	291.4	8.56	347.1	10.27	405.1	12.12	432.9	13.04	460.7	13.93	516.4	16.05	572.1	17.62
	20	291.4	8.88	347.1	10.66	405.1	12.58	432.9	13.55	460.7	14.52	516.4	16.62	572.1	18.29
	25	291.4	9.13	347.1	10.98	405.1	12.96	432.9	13.96	460.7	15.00	516.4	17.11	572.1	18.85
	30	291.4	9.40	347.1	11.30	405.1	13.34	432.9	14.38	460.7	15.48	516.4	17.58	572.1	19.41
	35	291.4	9.69	347.1	11.66	405.1	13.73	432.9	14.80	460.7	15.94	516.4	18.11	572.1	20.02
	40	291.4	9.97	347.1	11.99	405.1	14.14	432.9	15.26	460.7	16.42	516.4	18.66	572.1	20.59
	45	291.4	10.20	347.1	12.28	405.1	14.48	432.9	15.61	460.7	16.82	516.4	19.08	572.1	21.09
	50	291.4	10.42	347.1	12.54	405.1	14.80	432.9	15.95	460.7	17.17	516.4	19.51	572.1	21.55
	55	291.4	10.56	347.1	12.75	405.1	15.05	432.9	16.28	460.7	17.51	516.4	19.89	572.1	21.74
	60	291.4	10.94	347.1	13.26	405.1	15.64	432.9	16.92	460.7	18.21	516.4	20.67	567.3	21.99
	65	291.4	11.13	347.1	13.51	405.1	15.95	432.9	17.24	460.7	18.53	516.4	21.05	563.6	23.09
	70	291.4	11.46	347.1	13.90	405.1	16.54	432.9	18.21	460.7	19.89	516.4	23.48	552.9	24.80
	75	291.4	11.65	347.1	14.55	405.1	17.70	432.9	19.50	460.7	21.36	516.4	24.49	544.3	25.92
	80	291.4	13.06	347.1	16.48	405.1	20.21	432.9	22.26	460.7	24.38	516.4	27.07	529.3	28.18
	85	291.4	13.90	347.1	17.57	405.1	21.62	432.9	23.75	460.7	26.06	510.0	28.52	520.7	29.33
	90	291.4	15.70	347.1	19.89	405.1	24.51	432.9	27.02	460.7	29.67	495.1	31.21	505.7	31.67
95	291.4	16.73	347.1	21.11	405.1	26.13	432.9	28.83	460.7	31.66	486.4	32.39	497.1	32.84	
100	291.4	17.28	347.1	22.00	405.1	27.21	432.9	29.96	460.7	32.35	480.0	33.78	488.6	34.16	
105	291.4	20.02	347.1	25.52	405.1	30.77	432.9	32.81	455.6	34.69	465.1	36.21	471.3	36.67	
110	291.4	22.99	347.1	29.44	405.1	33.76	432.9	35.42	437.1	37.62	442.9	38.90	446.4	39.34	
115	291.4	24.90	347.1	31.91	379.3	35.55	410.4	37.06	416.3	38.82	420.1	39.66	422.0	40.18	
118	291.4	26.44	338.4	34.44	330.3	29.88	357.3	31.45	362.4	32.94	365.7	33.65	364.3	34.09	
122	276.9	26.22	271.3	26.19	263.2	22.75	285.6	23.79	290.3	24.93	293.7	25.52	293.2	25.90	
80%	-9.9	259.3	6.12	308.6	7.38	360.0	8.56	383.6	9.30	409.3	10.03	458.6	11.45	507.9	12.75
	-5	259.3	6.45	308.6	7.77	360.0	9.02	383.6	9.81	409.3	10.58	458.6	12.08	507.9	13.45
	0	259.3	6.72	308.6	8.09	360.0	9.40	383.6	10.20	409.3	11.00	458.6	12.56	507.9	13.99
	5	259.3	6.96	308.6	8.39	360.0	9.74	383.6	10.58	409.3	11.40	458.6	13.02	507.9	14.50
	10	259.3	7.17	308.6	8.63	360.0	10.02	383.6	10.87	409.3	11.74	458.6	13.40	507.9	14.92
	14	259.3	7.42	308.6	8.94	360.0	10.38	383.6	11.28	409.3	12.16	458.6	13.88	507.9	15.46
	20	259.3	7.70	308.6	9.26	360.0	10.79	383.6	11.70	409.3	12.58	458.6	14.38	507.9	16.06
	25	259.3	7.94	308.6	9.52	360.0	11.15	383.6	12.05	409.3	12.92	458.6	14.80	507.9	16.54
	30	259.3	8.18	308.6	9.78	360.0	11.49	383.6	12.40	409.3	13.27	458.6	15.22	507.9	17.04
	35	259.3	8.39	308.6	10.07	360.0	11.82	383.6	12.72	409.3	13.64	458.6	15.64	507.9	17.53
	40	259.3	8.63	308.6	10.33	360.0	12.12	383.6	13.09	409.3	14.01	458.6	16.06	507.9	18.00
	45	259.3	8.74	308.6	10.45	360.0	12.30	383.6	13.28	409.3	14.18	458.6	16.29	507.9	18.24
	50	259.3	8.86	308.6	10.62	360.0	12.46	383.6	13.45	409.3	14.39	458.6	16.51	507.9	18.49
	55	259.3	8.99	308.6	10.79	360.0	12.68	383.6	13.68	409.3	14.67	458.6	16.82	507.9	18.80
	60	259.3	9.31	308.6	11.15	360.0	13.13	383.6	14.17	409.3	15.25	458.6	17.41	507.9	19.57
	65	259.3	9.44	308.6	11.38	360.0	13.41	383.6	14.44	409.3	15.57	458.6	17.72	507.9	20.02
	70	259.3	9.72	308.6	11.70	360.0	13.81	383.6	14.90	409.3	16.20	458.6	19.12	507.9	22.14
	75	259.3	9.90	308.6	11.92	360.0	14.48	383.6	15.88	409.3	17.28	458.6	20.34	507.9	23.33
	80	259.3	10.83	308.6	13.55	360.0	16.51	383.6	18.04	409.3	19.71	458.6	23.40	507.9	26.07
	85	259.3	11.57	308.6	14.39	360.0	17.59	383.6	19.26	409.3	21.10	458.6	24.93	507.9	26.75
	90	259.3	13.00	308.6	16.33	360.0	19.89	383.6	21.86	409.3	23.97	458.6	27.40	499.6	28.35
95	259.3	13.81	308.6	17.28	360.0	21.24	383.6	23.22	409.3	25.50	458.6	28.35	488.8	29.12	
100	259.3	14.90	308.6	18.63	360.0	22.90	383.6	24.87	409.3	26.51	458.6	29.50	477.9	30.05	
105	259.3	16.97	308.6	21.31	360.0	25.50	383.6	26.68	409.3	28.44	453.1	30.68	464.1	31.55	
110	259.3	19.26	308.6	24.30	360.0	27.05	383.6	28.50	409.3	30.64	437.1	31.80	439.3	33.17	
115	259.3	20.61	308.6	25.96	360.0	27.94	383.6	29.96	383.6	31.35	386.0	32.52	386.0	34.49	
118	259.3	21.87	308.6	27.59	330.3	29.88	336.9	28.44	334.0	26.60	336.0	27.60	333.1	29.27	
122	259.3	23.65	272.3	26.02	263.2	22.75	269.2	21.51	267.6	20.14	269.8	20.93	268.1	22.24	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahrirectory.org.



COOLING CAPACITY DATA

ARUM480BTE5 / ARUM480DTE5

480,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-9.9	227.1	5.40	270.0	6.42	315.1	7.55	336.4	8.09	357.9	8.61	400.7	9.86	445.7	11.04
	-5	227.1	5.70	270.0	6.76	315.1	7.97	336.4	8.53	357.9	9.09	400.7	10.41	445.7	11.66
	0	227.1	5.92	270.0	7.04	315.1	8.29	336.4	8.87	357.9	9.45	400.7	10.83	445.7	12.12
	5	227.1	6.14	270.0	7.31	315.1	8.60	336.4	9.19	357.9	9.80	400.7	11.23	445.7	12.56
	10	227.1	6.32	270.0	7.51	315.1	8.85	336.4	9.47	357.9	10.07	400.7	11.55	445.7	12.92
	14	227.1	6.55	270.0	7.79	315.1	9.16	336.4	9.81	357.9	10.45	400.7	11.97	445.7	13.40
	20	227.1	6.78	270.0	8.05	315.1	9.44	336.4	10.13	357.9	10.81	400.7	12.35	445.7	13.85
	25	227.1	6.96	270.0	8.26	315.1	9.69	336.4	10.40	357.9	11.11	400.7	12.67	445.7	14.22
	30	227.1	7.14	270.0	8.47	315.1	9.92	336.4	10.66	357.9	11.41	400.7	12.98	445.7	14.60
	35	227.1	7.35	270.0	8.71	315.1	10.20	336.4	10.95	357.9	11.72	400.7	13.31	445.7	15.00
	40	227.1	7.53	270.0	8.93	315.1	10.45	336.4	11.24	357.9	12.01	400.7	13.68	445.7	15.36
	45	227.1	7.64	270.0	9.06	315.1	10.62	336.4	11.44	357.9	12.21	400.7	13.89	445.7	15.61
	50	227.1	7.77	270.0	9.23	315.1	10.79	336.4	11.61	357.9	12.42	400.7	14.13	445.7	15.88
	55	227.1	7.92	270.0	9.40	315.1	10.98	336.4	11.78	357.9	12.64	400.7	14.39	445.7	16.20
	60	227.1	8.14	270.0	9.72	315.1	11.38	336.4	12.24	357.9	13.09	400.7	14.94	445.7	16.82
	65	227.1	8.28	270.0	9.90	315.1	11.57	336.4	12.46	357.9	13.36	400.7	15.21	445.7	17.09
	70	227.1	8.50	270.0	10.16	315.1	11.92	336.4	12.82	357.9	13.76	400.7	15.74	445.7	18.17
	75	227.1	8.64	270.0	10.35	315.1	12.15	336.4	13.27	357.9	14.39	400.7	16.82	445.7	19.25
	80	227.1	9.31	270.0	11.42	315.1	13.81	336.4	15.07	357.9	16.33	400.7	18.60	445.7	21.35
	85	227.1	9.90	270.0	12.15	315.1	14.71	336.4	16.06	357.9	17.59	400.7	19.82	445.7	22.25
	90	227.1	11.11	270.0	13.72	315.1	16.65	336.4	18.17	357.9	19.89	400.7	22.10	445.7	24.15
	95	227.1	11.74	270.0	14.58	315.1	17.72	336.4	19.39	357.9	21.10	400.7	23.24	445.7	24.88
	100	227.1	12.68	270.0	15.74	315.1	19.12	336.4	20.93	357.9	21.73	400.7	24.33	445.7	25.58
	105	227.1	14.38	270.0	17.94	315.1	21.09	336.4	22.32	357.9	23.61	400.7	25.63	445.7	27.07
110	227.1	16.20	270.0	20.34	315.1	22.32	336.4	23.66	357.9	25.60	400.7	26.68	432.9	29.12	
115	227.1	17.41	270.0	21.69	315.1	23.08	336.4	25.01	357.9	26.34	400.7	27.49	408.0	31.00	
118	227.1	18.49	270.0	23.03	315.1	24.51	336.4	26.51	325.6	26.34	336.0	23.33	333.1	26.30	
122	227.1	19.94	270.0	24.95	281.1	23.41	268.8	21.79	260.8	19.94	269.8	17.69	268.1	19.98	
60%	-9.9	195.1	4.68	231.4	5.44	270.0	6.38	287.1	6.81	306.4	7.34	345.1	8.31	381.4	9.29
	-5	195.1	4.94	231.4	5.74	270.0	6.72	287.1	7.18	306.4	7.74	345.1	8.77	381.4	9.80
	0	195.1	5.14	231.4	5.96	270.0	7.00	287.1	7.48	306.4	8.05	345.1	9.12	381.4	10.20
	5	195.1	5.33	231.4	6.18	270.0	7.25	287.1	7.76	306.4	8.35	345.1	9.45	381.4	10.56
	10	195.1	5.48	231.4	6.37	270.0	7.46	287.1	7.98	306.4	8.60	345.1	9.72	381.4	10.87
	14	195.1	5.67	231.4	6.59	270.0	7.73	287.1	8.26	306.4	8.90	345.1	10.07	381.4	11.27
	20	195.1	5.85	231.4	6.83	270.0	7.98	287.1	8.56	306.4	9.19	345.1	10.41	381.4	11.66
	25	195.1	5.99	231.4	7.04	270.0	8.19	287.1	8.79	306.4	9.43	345.1	10.69	381.4	11.99
	30	195.1	6.13	231.4	7.23	270.0	8.40	287.1	9.03	306.4	9.66	345.1	10.96	381.4	12.30
	35	195.1	6.28	231.4	7.42	270.0	8.61	287.1	9.27	306.4	9.91	345.1	11.24	381.4	12.63
	40	195.1	6.45	231.4	7.60	270.0	8.85	287.1	9.51	306.4	10.17	345.1	11.54	381.4	12.96
	45	195.1	6.51	231.4	7.67	270.0	8.91	287.1	9.59	306.4	10.27	345.1	11.63	381.4	13.05
	50	195.1	6.58	231.4	7.73	270.0	8.99	287.1	9.68	306.4	10.35	345.1	11.74	381.4	13.17
	55	195.1	6.66	231.4	7.88	270.0	9.18	287.1	9.86	306.4	10.53	345.1	11.97	381.4	13.41
	60	195.1	6.89	231.4	8.14	270.0	9.49	287.1	10.21	306.4	10.94	345.1	12.37	381.4	13.94
	65	195.1	6.97	231.4	8.28	270.0	9.68	287.1	10.39	306.4	11.11	345.1	12.64	381.4	14.22
	70	195.1	7.14	231.4	8.50	270.0	9.94	287.1	10.66	306.4	11.42	345.1	13.00	381.4	14.76
	75	195.1	7.29	231.4	8.64	270.0	10.12	287.1	10.89	306.4	11.78	345.1	13.76	381.4	15.72
	80	195.1	7.73	231.4	9.44	270.0	11.34	287.1	12.37	306.4	13.41	345.1	15.43	381.4	17.76
	85	195.1	8.23	231.4	10.03	270.0	12.05	287.1	13.17	306.4	14.35	345.1	16.23	381.4	18.33
	90	195.1	9.23	231.4	11.34	270.0	13.63	287.1	14.90	306.4	16.12	345.1	18.15	381.4	19.99
	95	195.1	9.76	231.4	12.01	270.0	14.48	287.1	15.88	306.4	17.07	345.1	18.97	381.4	21.05
	100	195.1	10.48	231.4	12.92	270.0	15.61	287.1	17.09	306.4	17.83	345.1	20.13	381.4	21.95
	105	195.1	11.92	231.4	14.70	270.0	17.24	287.1	18.24	306.4	19.40	345.1	21.38	381.4	23.94
110	195.1	13.41	231.4	16.69	270.0	18.59	287.1	19.34	306.4	20.97	345.1	22.86	381.4	26.11	
115	195.1	14.35	231.4	17.82	270.0	19.32	287.1	20.47	306.4	21.70	345.1	24.17	381.4	27.90	
118	195.1	15.19	231.4	18.88	270.0	20.51	287.1	21.74	306.4	23.10	336.0	23.33	333.1	26.30	
122	195.1	16.37	231.4	20.43	270.0	22.22	268.2	22.06	259.6	20.43	269.8	17.69	268.1	19.98	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50-130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.



COOLING CAPACITY DATA



ARUM480BTE5 / ARUM480DTE5

480,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-9.9	162.0	4.03	192.9	4.74	225.1	5.30	240.0	5.71	255.1	6.16	287.1	6.83	317.1	7.56
	-5	162.0	4.25	192.9	4.99	225.1	5.59	240.0	6.03	255.1	6.49	287.1	7.21	317.1	7.98
	0	162.0	4.42	192.9	5.20	225.1	5.82	240.0	6.26	255.1	6.75	287.1	7.48	317.1	8.30
	5	162.0	4.57	192.9	5.39	225.1	6.03	240.0	6.50	255.1	7.00	287.1	7.76	317.1	8.60
	10	162.0	4.71	192.9	5.54	225.1	6.20	240.0	6.68	255.1	7.19	287.1	7.98	317.1	8.85
	14	162.0	4.88	192.9	5.75	225.1	6.43	240.0	6.93	255.1	7.46	287.1	8.28	317.1	9.17
	20	162.0	5.06	192.9	5.92	225.1	6.70	240.0	7.18	255.1	7.70	287.1	8.57	317.1	9.52
	25	162.0	5.21	192.9	6.07	225.1	6.92	240.0	7.38	255.1	7.90	287.1	8.82	317.1	9.82
	30	162.0	5.37	192.9	6.22	225.1	7.14	240.0	7.59	255.1	8.11	287.1	9.08	317.1	10.11
	35	162.0	5.50	192.9	6.38	225.1	7.31	240.0	7.80	255.1	8.32	287.1	9.33	317.1	10.37
	40	162.0	5.65	192.9	6.55	225.1	7.51	240.0	7.98	255.1	8.53	287.1	9.55	317.1	10.63
	45	162.0	5.74	192.9	6.64	225.1	7.61	240.0	8.10	255.1	8.64	287.1	9.69	317.1	10.79
	50	162.0	5.81	192.9	6.74	225.1	7.73	240.0	8.22	255.1	8.78	287.1	9.82	317.1	10.94
	55	162.0	5.93	192.9	6.87	225.1	7.85	240.0	8.35	255.1	8.90	287.1	10.02	317.1	11.12
	60	162.0	6.05	192.9	7.04	225.1	8.10	240.0	8.65	255.1	9.21	287.1	10.32	317.1	11.57
	65	162.0	6.12	192.9	7.17	225.1	8.22	240.0	8.78	255.1	9.33	287.1	10.51	317.1	11.74
	70	162.0	6.30	192.9	7.29	225.1	8.40	240.0	9.02	255.1	9.58	287.1	10.82	317.1	12.12
	75	162.0	6.37	192.9	7.42	225.1	8.60	240.0	9.15	255.1	9.76	287.1	11.00	317.1	12.37
	80	162.0	6.55	192.9	7.85	225.1	9.21	240.0	9.95	255.1	10.69	287.1	12.30	317.1	14.03
	85	162.0	6.98	192.9	8.28	225.1	9.76	240.0	10.57	255.1	11.38	287.1	13.10	317.1	14.97
	90	162.0	7.80	192.9	9.27	225.1	11.00	240.0	11.87	255.1	12.79	287.1	14.77	317.1	16.94
95	162.0	8.22	192.9	9.82	225.1	11.62	240.0	12.61	255.1	13.59	287.1	15.70	317.1	17.99	
100	162.0	8.65	192.9	10.39	225.1	12.30	240.0	13.35	255.1	14.40	287.1	16.69	317.1	19.09	
105	162.0	9.46	192.9	11.46	225.1	13.61	240.0	14.73	255.1	15.94	287.1	18.50	317.1	21.24	
110	162.0	10.45	192.9	12.67	225.1	15.08	240.0	16.37	255.1	17.74	287.1	20.65	317.1	23.74	
115	162.0	11.19	192.9	13.59	225.1	16.20	240.0	17.62	255.1	19.09	287.1	22.25	317.1	25.59	
118	162.0	12.09	192.9	14.76	225.1	17.60	240.0	19.16	255.1	20.80	287.1	23.33	317.1	26.30	
122	162.0	13.34	192.9	16.31	225.1	19.47	240.0	21.27	255.1	20.43	269.8	17.69	268.1	19.98	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
 Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual



COOLING CAPACITY DATA

ARUM504BTE5 / ARUM504DTE5

504,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW	MBh	kW
130%	-9.9	458.3	11.31	544.4	13.72	632.8	16.29	656.1	17.58	665.4	18.97	688.5	21.74	704.9	22.46
	-5	458.3	11.93	544.4	14.48	632.8	17.19	656.1	18.54	665.4	20.01	688.5	22.93	704.9	23.70
	0	458.3	12.41	544.4	15.07	632.8	17.88	656.1	19.30	665.4	20.82	688.5	23.86	704.9	24.66
	5	458.3	12.87	544.4	15.62	632.8	18.54	656.1	20.00	665.4	21.58	688.5	24.73	704.9	25.56
	10	458.3	13.23	544.4	16.06	632.8	19.07	656.1	20.57	665.4	22.20	688.5	25.44	704.9	26.29
	14	458.3	13.72	544.4	16.64	632.8	19.76	656.1	21.32	665.4	23.00	688.5	26.36	704.9	27.23
	20	458.3	13.95	544.4	16.92	632.8	20.04	656.1	21.65	665.4	23.32	688.5	26.73	704.9	27.64
	25	458.3	14.15	544.4	17.13	632.8	20.28	656.1	21.92	665.4	23.59	688.5	27.03	704.9	27.96
	30	458.3	14.35	544.4	17.35	632.8	20.53	656.1	22.19	665.4	23.85	688.5	27.35	704.9	28.29
	35	458.3	14.50	544.4	17.58	632.8	20.77	656.1	22.43	665.4	24.15	688.5	27.67	704.9	28.63
	40	458.3	14.69	544.4	17.76	632.8	21.02	656.1	22.73	665.4	24.43	688.5	27.99	704.9	28.97
	45	458.3	14.84	544.4	17.95	632.8	21.25	656.1	22.96	665.4	24.66	688.5	28.29	704.9	29.26
	50	458.3	14.99	544.4	18.13	632.8	21.45	656.1	23.19	665.4	24.93	688.5	28.56	704.9	29.56
	55	458.3	15.24	544.4	18.47	632.8	21.86	646.8	23.69	656.1	25.42	679.1	29.06	695.5	29.77
	60	458.3	15.74	544.4	19.12	623.5	22.78	632.4	24.60	639.8	26.41	662.7	29.97	679.1	30.10
	65	458.3	16.06	544.4	19.54	614.1	23.19	623.5	25.09	630.5	26.91	653.2	30.97	669.6	31.21
	70	458.3	15.46	544.4	18.77	602.6	23.11	609.5	25.42	618.8	27.90	641.4	30.99	658.0	31.30
	75	458.3	15.84	544.4	20.02	593.4	24.73	600.2	27.28	609.5	29.92	632.1	32.46	648.5	32.70
	80	458.3	18.02	544.4	22.79	577.0	28.28	584.0	31.22	593.4	34.31	615.6	35.24	632.1	35.55
	85	458.3	19.17	544.4	24.34	567.7	30.22	577.0	33.31	584.0	36.40	606.2	36.71	622.8	37.02
	90	458.3	21.72	535.1	27.67	551.4	34.31	558.3	37.94	567.7	39.26	589.8	39.57	606.2	39.96
95	463.2	23.02	531.3	29.45	547.8	36.63	557.2	40.49	564.3	40.66	586.6	41.04	603.2	41.42	
100	463.2	24.93	522.0	31.85	538.5	39.71	547.8	42.63	554.9	42.86	579.4	43.25	596.1	43.64	
105	463.2	28.10	508.0	36.04	524.3	44.79	532.5	45.83	540.6	46.07	559.3	46.49	567.4	46.93	
110	463.2	31.56	486.9	40.61	507.3	48.86	508.9	49.10	516.3	49.27	527.2	49.74	529.2	50.22	
115	460.8	36.51	469.2	46.70	469.2	51.50	469.2	51.50	469.2	51.50	476.0	51.60	478.1	51.69	
118	400.7	30.93	408.0	39.57	408.6	43.32	408.6	43.70	408.6	43.70	414.5	43.78	412.8	43.87	
122	320.1	23.47	327.2	30.09	325.6	32.98	326.4	33.04	327.2	33.09	332.7	33.18	332.3	33.32	
120%	-9.9	417.0	10.66	497.7	12.91	578.4	15.30	619.8	16.50	647.5	17.79	676.9	20.40	690.9	21.08
	-5	417.0	11.24	497.7	13.63	578.4	16.14	619.8	17.40	647.5	18.77	676.9	21.51	690.9	22.24
	0	417.0	11.70	497.7	14.18	578.4	16.79	619.8	18.11	647.5	19.53	676.9	22.38	690.9	23.14
	5	417.0	12.13	497.7	14.70	578.4	17.40	619.8	18.77	647.5	20.24	676.9	23.20	690.9	23.98
	10	417.0	12.48	497.7	15.13	578.4	17.90	619.8	19.31	647.5	20.82	676.9	23.88	690.9	24.67
	14	417.0	12.94	497.7	15.68	578.4	18.55	619.8	20.01	647.5	21.58	676.9	24.73	690.9	25.56
	20	417.0	13.13	497.7	15.91	578.4	18.82	619.8	20.31	647.5	21.88	676.9	25.09	690.9	25.94
	25	417.0	13.30	497.7	16.10	578.4	19.04	619.8	20.57	647.5	22.14	676.9	25.38	690.9	26.25
	30	417.0	13.46	497.7	16.29	578.4	19.26	619.8	20.82	647.5	22.38	676.9	25.67	690.9	26.56
	35	417.0	13.64	497.7	16.48	578.4	19.50	619.8	21.10	647.5	22.66	676.9	25.97	690.9	26.89
	40	417.0	13.81	497.7	16.70	578.4	19.76	619.8	21.35	647.5	22.96	676.9	26.31	690.9	27.23
	45	417.0	13.97	497.7	16.88	578.4	19.98	619.8	21.60	647.5	23.21	676.9	26.59	690.9	27.54
	50	417.0	14.12	497.7	17.07	578.4	20.19	619.8	21.83	647.5	23.47	676.9	26.91	690.9	27.83
	55	417.0	14.35	497.7	17.39	578.4	20.59	619.8	22.30	640.5	23.94	667.5	27.37	683.9	28.04
	60	417.0	14.82	497.7	18.02	578.4	21.45	615.3	23.16	622.1	24.87	651.0	28.22	665.2	28.73
	65	417.0	15.13	497.7	18.40	578.4	21.83	606.0	23.62	615.3	25.35	641.7	29.16	658.1	29.40
	70	417.0	14.84	497.7	18.03	578.4	22.18	594.5	24.41	601.4	26.78	629.9	29.75	644.0	30.05
	75	417.0	15.21	497.7	19.21	578.4	23.74	585.3	26.19	594.5	28.72	620.4	31.16	637.0	31.39
	80	417.0	17.29	497.7	21.88	562.3	27.16	569.1	29.97	576.1	32.95	604.0	33.83	618.1	34.13
	85	417.0	18.40	497.7	23.37	553.0	29.01	559.9	31.98	569.1	34.95	594.6	35.24	611.1	35.55
	90	417.0	20.85	497.7	26.57	536.9	32.95	543.9	36.42	550.7	37.69	578.2	37.98	592.2	38.35
95	421.4	22.11	503.1	28.27	533.2	35.17	540.2	38.88	549.5	39.02	574.7	39.39	591.4	39.77	
100	421.4	23.93	503.1	30.57	523.8	38.12	533.2	40.92	540.2	41.14	567.7	41.53	581.9	41.90	
105	421.4	26.96	494.9	34.62	510.0	43.02	518.2	43.99	525.0	44.24	551.1	44.62	560.3	45.03	
110	421.4	30.29	482.3	38.98	498.0	46.90	499.5	47.13	506.9	47.29	522.6	47.75	524.7	48.21	
115	409.8	35.05	464.6	44.84	464.6	49.45	464.6	49.45	464.6	49.45	476.1	49.54	478.3	49.62	
118	365.9	30.93	404.1	37.98	404.6	41.58	404.6	41.96	404.6	41.96	414.6	42.03	412.8	42.10	
122	292.4	23.47	324.1	28.88	322.5	31.65	323.3	31.73	324.1	31.76	333.0	31.85	332.3	31.99	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

COOLING CAPACITY DATA



ARUM504BTE5 / ARUM504DTE5

504,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110%	-9.9	386.5	9.81	461.1	11.84	535.5	14.04	572.8	15.21	610.2	16.29	672.1	18.59	686.4	19.29
	-5	386.5	10.35	461.1	12.49	535.5	14.81	572.8	16.05	610.2	17.19	672.1	19.62	686.4	20.36
	0	386.5	10.77	461.1	12.99	535.5	15.40	572.8	16.69	610.2	17.88	672.1	20.41	686.4	21.17
	5	386.5	11.16	461.1	13.46	535.5	15.97	572.8	17.30	610.2	18.54	672.1	21.14	686.4	21.95
	10	386.5	11.49	461.1	13.86	535.5	16.43	572.8	17.80	610.2	19.07	672.1	21.77	686.4	22.57
	14	386.5	11.90	461.1	14.36	535.5	17.01	572.8	18.45	610.2	19.76	672.1	22.55	686.4	23.39
	20	386.5	12.07	461.1	14.59	535.5	17.27	572.8	18.71	610.2	20.07	672.1	22.93	686.4	23.76
	25	386.5	12.22	461.1	14.78	535.5	17.48	572.8	18.91	610.2	20.31	672.1	23.25	686.4	24.06
	30	386.5	12.36	461.1	14.96	535.5	17.70	572.8	19.13	610.2	20.57	672.1	23.57	686.4	24.35
	35	386.5	12.55	461.1	15.17	535.5	17.94	572.8	19.41	610.2	20.87	672.1	23.92	686.4	24.75
	40	386.5	12.73	461.1	15.39	535.5	18.20	572.8	19.67	610.2	21.16	672.1	24.25	686.4	25.06
	45	386.5	12.94	461.1	15.63	535.5	18.49	572.8	20.00	610.2	21.51	672.1	24.66	686.4	25.49
	50	386.5	13.14	461.1	15.91	535.5	18.80	572.8	20.33	610.2	21.86	672.1	25.05	686.4	25.88
	55	386.5	13.36	461.1	16.20	535.5	19.17	572.8	20.77	610.2	22.29	662.7	25.48	676.9	26.13
	60	386.5	13.80	461.1	16.78	535.5	19.96	572.8	21.56	610.2	23.16	646.0	26.29	660.3	26.52
	65	386.5	14.09	461.1	17.14	535.5	20.33	572.8	22.00	610.2	23.60	636.6	27.16	650.7	27.37
	70	386.5	14.23	461.1	17.29	535.5	21.28	572.8	23.41	598.5	25.68	624.6	28.53	638.9	28.82
	75	386.5	14.59	461.1	18.43	535.5	22.77	572.8	25.12	589.2	27.53	615.1	29.88	629.4	30.10
	80	382.6	16.57	456.4	20.99	530.1	26.04	560.0	28.74	567.0	31.59	592.4	32.44	606.5	32.72
	85	382.6	17.65	456.4	22.41	530.1	27.81	550.8	30.66	557.7	33.50	583.0	33.80	597.1	34.08
	90	382.6	19.99	456.4	25.47	527.8	31.59	534.7	34.93	541.6	36.14	566.5	36.42	580.8	36.79
	95	382.6	21.20	456.4	27.11	518.6	33.72	525.5	37.28	532.5	37.42	557.2	37.78	571.2	38.12
100	382.6	22.96	456.4	29.32	511.6	36.56	518.6	39.24	525.5	39.45	550.2	39.82	564.2	40.17	
105	382.6	25.87	456.4	33.16	495.7	41.25	502.6	42.22	509.4	42.42	533.9	42.79	547.6	43.20	
110	382.6	29.05	456.4	37.38	480.4	44.97	481.8	45.20	488.9	45.34	504.1	45.79	506.1	46.23	
115	382.6	33.62	456.4	43.00	459.9	47.41	459.9	47.41	462.0	47.41	471.3	47.50	473.4	47.59	
118	369.6	30.62	396.9	36.42	400.4	39.86	400.4	40.23	402.3	40.23	410.3	40.30	408.6	40.37	
122	295.4	23.23	318.3	27.69	319.2	30.35	320.0	30.42	322.2	30.46	329.4	30.55	328.9	30.67	
100%	-9.9	339.8	8.64	405.0	10.42	470.3	12.34	504.0	13.45	553.9	14.56	621.1	16.80	655.9	17.49
	-5	339.8	9.10	405.0	10.99	470.3	13.03	504.0	14.19	553.9	15.36	621.1	17.72	655.9	18.45
	0	339.8	9.47	405.0	11.44	470.3	13.55	504.0	14.77	553.9	15.97	621.1	18.43	655.9	19.20
	5	339.8	9.82	405.0	11.85	470.3	14.04	504.0	15.30	553.9	16.56	621.1	19.11	655.9	19.90
	10	339.8	10.11	405.0	12.19	470.3	14.45	504.0	15.74	553.9	17.03	621.1	19.66	655.9	20.47
	14	339.8	10.48	405.0	12.63	470.3	14.97	504.0	16.32	553.9	17.65	621.1	20.36	655.9	21.22
	20	339.8	10.80	405.0	13.05	470.3	15.45	504.0	16.78	553.9	18.22	621.1	20.96	655.9	21.81
	25	339.8	11.07	405.0	13.40	470.3	15.84	504.0	17.16	553.9	18.68	621.1	21.46	655.9	22.32
	30	339.8	11.35	405.0	13.72	470.3	16.24	504.0	17.56	553.9	19.15	621.1	21.95	655.9	22.82
	35	339.8	11.52	405.0	13.95	470.3	16.50	504.0	17.84	553.9	19.46	621.1	22.32	655.9	23.21
	40	339.8	11.72	405.0	14.18	470.3	16.75	504.0	18.11	553.9	19.77	621.1	22.66	655.9	23.56
	45	339.8	11.98	405.0	14.48	470.3	17.10	504.0	18.51	553.9	20.17	621.1	23.14	655.9	24.06
	50	339.8	12.20	405.0	14.76	470.3	17.46	504.0	18.88	553.9	20.59	621.1	23.60	655.9	24.54
	55	339.8	12.40	405.0	15.03	470.3	17.79	504.0	19.28	553.9	21.00	621.1	24.02	648.9	24.90
	60	339.8	12.80	405.0	15.57	470.3	18.54	504.0	20.02	553.9	21.83	618.8	24.77	630.4	25.35
	65	339.8	13.08	405.0	15.91	470.3	18.88	504.0	20.42	553.9	22.24	609.5	25.58	623.4	26.10
	70	339.8	13.49	405.0	16.38	470.3	20.16	504.0	22.18	553.9	24.70	597.9	27.44	609.5	27.92
	75	339.8	13.81	405.0	17.46	470.3	21.57	504.0	23.79	553.9	26.48	588.7	28.73	602.6	29.09
	80	339.8	15.70	405.0	19.89	470.3	24.67	504.0	27.23	553.9	30.38	572.4	31.20	584.1	31.62
	85	339.8	16.71	405.0	21.23	470.3	26.36	504.0	29.05	551.6	32.22	563.2	32.49	577.1	32.93
	90	339.8	18.94	405.0	24.13	470.3	29.92	504.0	33.09	533.0	34.75	546.9	35.03	558.6	35.55
	95	339.8	20.09	405.0	25.68	470.3	31.94	504.0	35.32	526.2	35.99	537.6	36.33	551.6	36.85
100	339.8	21.69	405.0	27.72	470.3	34.55	495.0	37.09	517.1	37.85	530.6	38.20	542.6	38.74	
105	339.8	24.38	405.0	31.22	467.7	38.85	481.3	39.74	501.5	40.54	514.5	40.90	527.1	41.46	
110	339.8	27.23	405.0	35.06	462.3	42.17	472.8	42.38	482.3	43.16	490.0	43.59	498.9	44.21	
115	339.8	31.30	405.0	40.03	440.1	44.15	453.6	44.15	465.0	44.81	469.2	44.89	471.3	45.20	
118	339.8	31.57	355.3	37.55	383.1	37.13	394.9	37.46	404.8	38.03	408.6	38.10	406.9	38.35	
122	290.7	28.59	284.9	28.56	305.4	28.27	315.5	28.33	324.3	28.79	328.1	28.88	327.6	29.14	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50-130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.



COOLING CAPACITY DATA

ARUM504BTE5 / ARUM504DTE5

504,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp. (°F DB)	Indoor Air Temp. °F DB/°F WB													
		68/57		73/61		79/64		80/67		85/70		88/73		91/76	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-9.9	170.1	4.39	202.5	5.17	236.4	5.78	252.0	6.23	267.9	6.71	301.5	7.45	333.0	8.25
	-5	170.1	4.63	202.5	5.45	236.4	6.09	252.0	6.58	267.9	7.08	301.5	7.86	333.0	8.70
	0	170.1	4.82	202.5	5.67	236.4	6.35	252.0	6.83	267.9	7.36	301.5	8.16	333.0	9.06
	5	170.1	4.99	202.5	5.87	236.4	6.58	252.0	7.08	267.9	7.63	301.5	8.46	333.0	9.38
	10	170.1	5.14	202.5	6.04	236.4	6.76	252.0	7.28	267.9	7.84	301.5	8.70	333.0	9.65
	14	170.1	5.32	202.5	6.27	236.4	7.01	252.0	7.56	267.9	8.13	301.5	9.02	333.0	10.00
	20	170.1	5.52	202.5	6.46	236.4	7.31	252.0	7.83	267.9	8.40	301.5	9.35	333.0	10.39
	25	170.1	5.68	202.5	6.62	236.4	7.54	252.0	8.05	267.9	8.61	301.5	9.62	333.0	10.71
	30	170.1	5.86	202.5	6.78	236.4	7.78	252.0	8.28	267.9	8.84	301.5	9.90	333.0	11.03
	35	170.1	6.00	202.5	6.96	236.4	7.97	252.0	8.51	267.9	9.07	301.5	10.17	333.0	11.30
	40	170.1	6.16	202.5	7.14	236.4	8.19	252.0	8.71	267.9	9.30	301.5	10.42	333.0	11.60
	45	170.1	6.25	202.5	7.24	236.4	8.29	252.0	8.83	267.9	9.43	301.5	10.57	333.0	11.76
	50	170.1	6.33	202.5	7.35	236.4	8.43	252.0	8.96	267.9	9.57	301.5	10.71	333.0	11.93
	55	170.1	6.47	202.5	7.49	236.4	8.56	252.0	9.10	267.9	9.70	301.5	10.92	333.0	12.13
	60	170.1	6.60	202.5	7.68	236.4	8.83	252.0	9.44	267.9	10.05	301.5	11.26	333.0	12.61
	65	170.1	6.67	202.5	7.82	236.4	8.96	252.0	9.57	267.9	10.17	301.5	11.46	333.0	12.80
	70	170.1	6.87	202.5	7.95	236.4	9.16	252.0	9.84	267.9	10.45	301.5	11.79	333.0	13.21
	75	170.1	6.94	202.5	8.09	236.4	9.37	252.0	9.97	267.9	10.65	301.5	11.99	333.0	13.49
	80	170.1	7.14	202.5	8.56	236.4	10.05	252.0	10.85	267.9	11.66	301.5	13.41	333.0	15.30
	85	170.1	7.61	202.5	9.03	236.4	10.65	252.0	11.53	267.9	12.40	301.5	14.29	333.0	16.32
	90	170.1	8.50	202.5	10.11	236.4	11.99	252.0	12.94	267.9	13.95	301.5	16.11	333.0	18.48
95	170.1	8.96	202.5	10.71	236.4	12.67	252.0	13.75	267.9	14.82	301.5	17.12	333.0	19.62	
100	170.1	9.44	202.5	11.33	236.4	13.41	252.0	14.56	267.9	15.70	301.5	18.20	333.0	20.82	
105	170.1	10.31	202.5	12.50	236.4	14.84	252.0	16.06	267.9	17.38	301.5	20.17	333.0	23.16	
110	170.1	11.39	202.5	13.81	236.4	16.44	252.0	17.86	267.9	19.35	301.5	22.52	333.0	25.88	
115	170.1	12.20	202.5	14.82	236.4	17.67	252.0	19.21	267.9	20.82	301.5	24.26	333.0	27.90	
118	170.1	13.18	202.5	16.09	236.4	19.20	252.0	20.89	267.9	22.68	301.5	25.44	333.0	28.68	
122	170.1	14.54	202.5	17.79	236.4	21.23	252.0	23.19	267.9	22.27	283.3	19.29	281.6	21.79	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
Cooling range with the Low Ambient Baffle Kit (sold separately) is -9.9°F to +122°F and is achieved only when all indoor units are operating in cooling mode. Does not impact heat recovery system synchronous operating range.

The System Combination Ratio must be between 50–130%.
Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Performance Data

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-21.6	-22.0	54.8	5.69	54.6	5.85	54.2	6.10	53.9	6.72	53.6	7.34	53.2	8.20	52.9	8.72	52.5	9.40
	-17.1	-17.5	63.6	6.31	63.4	6.47	63.0	6.72	62.5	7.34	62.1	7.96	61.6	8.57	61.3	8.55	60.9	8.53
	-12.6	-13.0	72.4	6.93	72.1	7.09	71.7	7.34	71.3	7.96	71.0	8.58	69.6	8.55	67.4	8.53	64.4	8.52
	-7.0	-7.6	82.7	7.67	82.7	7.84	82.6	8.08	78.8	8.32	75.1	8.55	71.0	8.52	66.9	8.51	61.5	8.50
	-4.0	-4.4	90.0	8.12	87.0	8.28	82.6	8.53	78.8	8.53	75.1	8.53	71.0	8.50	66.9	8.50	61.5	8.49
	0.0	-0.4	90.8	8.57	87.5	8.56	82.6	8.53	78.8	8.52	75.1	8.51	71.0	8.27	66.9	8.13	61.5	7.95
	5.0	4.5	90.8	8.53	87.5	8.50	82.6	8.47	78.8	8.34	75.1	8.22	71.0	7.83	66.9	7.69	61.5	7.49
	10.0	9.0	90.8	8.48	87.5	8.45	82.6	8.41	78.8	8.09	75.1	7.76	71.0	7.39	66.9	7.24	61.5	7.03
	15.0	14.0	90.8	8.59	87.5	8.35	82.6	8.48	78.8	7.65	75.1	7.31	71.0	6.96	66.9	6.80	61.5	6.57
	20.0	19.0	90.8	8.03	87.5	7.80	82.6	7.47	78.8	7.15	75.1	6.84	71.0	6.51	66.9	6.34	61.5	6.10
	25.0	23.0	90.8	7.48	87.5	7.27	82.6	6.96	78.8	6.67	75.1	6.38	71.0	6.07	66.9	5.89	61.5	5.64
	30.0	28.0	90.8	6.93	87.5	6.74	82.6	6.45	78.8	6.19	75.1	5.93	71.0	5.63	66.9	5.44	61.5	5.18
	35.0	32.0	90.8	6.38	87.5	6.20	82.6	5.95	78.8	5.71	75.1	5.47	71.0	5.19	66.9	4.99	61.5	4.72
	40.0	36.0	90.8	5.83	87.5	5.67	82.6	5.44	78.8	5.22	75.1	5.01	71.0	4.75	66.9	4.54	61.5	4.25
	45.0	41.0	90.8	5.29	87.5	5.15	82.6	4.95	78.8	4.76	75.1	4.56	71.0	4.32	66.9	4.10	61.5	3.81
	47.0	43.0	90.8	5.15	87.5	5.02	82.6	4.82	78.8	4.63	75.1	4.44	71.0	4.21	66.9	3.99	61.5	3.71
	50.0	46.0	90.8	4.96	87.5	4.83	82.6	4.64	78.8	4.46	75.1	4.28	71.0	4.05	66.9	3.85	61.5	3.57
	55.0	51.0	90.8	4.66	87.5	4.54	82.6	4.35	78.8	4.19	75.1	4.02	71.0	3.81	66.9	3.61	61.5	3.35
	60.0	56.0	90.8	4.33	87.5	4.22	82.6	4.05	78.8	3.89	75.1	3.74	71.0	3.54	66.9	3.36	61.5	3.12
	60	-21.6	-22.0	50.7	5.24	50.5	5.41	50.2	5.66	49.9	6.27	49.6	6.89	49.2	7.75	49.0	8.27	48.6
-17.1		-17.5	58.9	5.86	58.7	6.03	58.3	6.27	57.9	6.89	57.5	7.51	56.9	8.12	56.5	8.10	55.8	8.08
-12.6		-13.0	67.2	6.48	66.8	6.65	66.1	6.89	65.3	7.51	64.4	8.13	60.6	8.10	57.3	8.08	52.9	8.05
-7.0		-7.6	77.7	7.22	75.1	7.39	71.1	7.64	67.7	7.86	64.4	8.09	60.6	8.07	57.3	8.05	52.9	8.03
-4.0		-4.4	77.7	7.67	75.1	7.83	71.1	8.08	67.7	8.08	64.4	8.07	60.6	7.95	57.3	7.71	52.9	7.39
0.0		-0.4	77.7	8.13	75.1	8.12	71.1	8.11	67.7	8.00	64.4	7.89	60.6	7.61	57.3	7.35	52.9	7.01
5.0		4.5	77.7	8.10	75.1	8.09	71.1	8.07	67.7	7.76	64.4	7.45	60.6	7.17	57.3	6.92	52.9	6.58
10.0		9.0	77.7	8.24	75.1	8.06	71.1	7.79	67.7	7.40	64.4	7.01	60.6	6.73	57.3	6.48	52.9	6.14
15.0		14.0	77.7	7.86	75.1	7.63	71.1	7.29	67.7	6.93	64.4	6.57	60.6	6.30	57.3	6.05	52.9	5.72
20.0		19.0	77.7	7.33	75.1	7.11	71.1	6.78	67.7	6.45	64.4	6.12	60.6	5.85	57.3	5.61	52.9	5.28
25.0		23.0	77.7	6.81	75.1	6.60	71.1	6.28	67.7	5.98	64.4	5.68	60.6	5.41	57.3	5.17	52.9	4.85
30.0		28.0	77.7	6.30	75.1	6.09	71.1	5.77	67.7	5.51	64.4	5.24	60.6	4.97	57.3	4.73	52.9	4.42
35.0		32.0	77.7	5.78	75.1	5.58	71.1	5.27	67.7	5.03	64.4	4.79	60.6	4.53	57.3	4.30	52.9	3.99
40.0		36.0	77.7	5.27	75.1	5.07	71.1	4.77	67.7	4.56	64.4	4.35	60.6	4.09	57.3	3.86	52.9	3.56
45.0		41.0	77.7	4.76	75.1	4.57	71.1	4.28	67.7	4.10	64.4	3.92	60.6	3.66	57.3	3.44	52.9	3.15
47.0		43.0	77.7	4.64	75.1	4.45	71.1	4.17	67.7	3.99	64.4	3.82	60.6	3.56	57.3	3.35	52.9	3.06
50.0		46.0	77.7	4.47	75.1	4.29	71.1	4.01	67.7	3.85	64.4	3.68	60.6	3.43	57.3	3.23	52.9	2.95
55.0		51.0	77.7	4.19	75.1	4.02	71.1	3.77	67.7	3.61	64.4	3.45	60.6	3.22	57.3	3.03	52.9	2.77
60.0		56.0	77.7	3.90	75.1	3.74	71.1	3.50	67.7	3.36	64.4	3.21	60.6	3.00	57.3	2.82	52.9	2.58
50		-21.6	-22.0	47.0	4.50	46.8	4.66	46.5	4.91	46.2	5.53	45.9	6.15	45.3	7.01	44.5	7.53	43.5
	-17.1	-17.5	54.5	5.12	54.3	5.28	54.0	5.53	52.9	6.15	51.8	6.77	49.9	7.37	47.9	7.34	45.3	7.31
	-12.6	-13.0	65.0	5.74	62.6	5.90	59.1	6.15	56.4	6.77	53.8	7.39	50.6	7.34	47.6	7.31	43.7	7.27
	-7.0	-7.6	65.0	6.48	62.6	6.64	59.1	6.89	56.4	7.12	53.8	7.35	50.6	7.15	47.6	6.80	43.7	6.34
	-4.0	-4.4	65.0	6.93	62.6	7.09	59.1	7.34	56.4	7.33	53.8	7.32	50.6	6.89	47.6	6.56	43.7	6.10
	0.0	-0.4	65.0	7.39	62.6	7.37	59.1	7.34	56.4	7.17	53.8	7.01	50.6	6.57	47.6	6.25	43.7	5.82
	5.0	4.5	65.0	7.53	62.6	7.34	59.1	7.04	56.4	6.81	53.8	6.58	50.6	6.17	47.6	5.87	43.7	5.46
	10.0	9.0	65.0	7.37	62.6	7.06	59.1	6.59	56.4	6.37	53.8	6.15	50.6	5.77	47.6	5.48	43.7	5.09
	15.0	14.0	65.0	6.88	62.6	6.59	59.1	6.15	56.4	5.94	53.8	5.73	50.6	5.38	47.6	5.11	43.7	4.74
	20.0	19.0	65.0	6.36	62.6	6.09	59.1	5.69	56.4	5.49	53.8	5.29	50.6	4.97	47.6	4.71	43.7	4.37
	25.0	23.0	65.0	5.85	62.6	5.61	59.1	5.24	56.4	5.05	53.8	4.86	50.6	4.57	47.6	4.33	43.7	4.01
	30.0	28.0	65.0	5.34	62.6	5.12	59.1	4.79	56.4	4.61	53.8	4.43	50.6	4.17	47.6	3.95	43.7	3.65
	35.0	32.0	65.0	4.84	62.6	4.64	59.1	4.34	56.4	4.17	53.8	4.00	50.6	3.77	47.6	3.56	43.7	3.29
	40.0	36.0	65.0	4.33	62.6	4.15	59.1	3.89	56.4	3.73	53.8	3.57	50.6	3.37	47.6	3.18	43.7	2.93
	45.0	41.0	65.0	3.84	62.6	3.69	59.1	3.45	56.4	3.31	53.8	3.16	50.6	2.98	47.6	2.81	43.7	2.58
	47.0	43.0	65.0	3.74	62.6	3.59	59.1	3.36	56.4	3.22	53.8	3.08	50.6	2.90	47.6	2.74	43.7	2.51
	50.0	46.0	65.0	3.60	62.6	3.46	59.1	3.24	56.4	3.10	53.8	2.96	50.6	2.80	47.6	2.64	43.7	2.42
	55.0	51.0	65.0	3.38	62.6	3.25	59.1	3.04	56.4	2.91	53.8	2.78	50.6	2.62	47.6	2.47	43.7	2.27
	60.0	56.0	65.0	3.15	62.6	3.02	59.1	2.83	56.4	2.71	53.8	2.59	50.6	2.44	47.6	2.30	43.7	2.11

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.

Note:
Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA



ARUM121BTE5 / ARUM121DTE5

120,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-21.6	-22.0	70.7	4.37	70.4	4.97	69.9	5.88	69.5	6.73	69.1	7.59	68.5	8.68	68.2	9.30	67.7	10.13
	-17.1	-17.5	82.0	5.27	81.7	5.86	81.2	6.74	80.6	7.57	80.0	8.39	79.4	9.40	79.0	9.95	78.5	10.69
	-12.6	-13.0	96.8	6.17	95.8	6.74	94.2	7.61	93.2	8.40	92.1	9.20	91.4	10.11	90.9	10.60	90.3	11.24
	-7.0	-7.6	110.4	7.24	109.2	7.80	107.4	8.64	106.2	9.40	105.0	10.16	104.1	10.97	103.6	11.37	102.9	11.91
	-4.0	-4.4	118.5	7.89	117.2	8.44	115.2	9.27	114.0	10.00	112.7	10.74	111.8	11.48	111.2	11.84	110.4	12.31
	0.0	-0.4	128.5	8.69	127.1	9.22	125.0	10.03	123.6	10.75	122.2	11.46	121.2	12.12	120.6	12.41	119.8	12.80
	5.0	4.5	141.0	9.68	139.5	10.21	137.2	10.99	135.6	11.67	134.1	12.36	133.0	12.91	132.3	13.13	131.4	13.42
	10.0	9.0	153.5	10.68	151.8	11.19	149.3	11.95	147.7	12.60	146.0	13.25	144.8	13.70	144.1	13.84	143.1	14.03
	15.0	14.0	165.8	11.66	164.0	12.15	161.3	12.89	159.5	13.51	157.7	14.13	156.4	14.44	155.6	14.41	154.5	14.38
	20.0	19.0	177.5	12.67	176.0	13.15	173.7	13.87	171.6	14.13	169.5	14.38	164.2	14.09	155.0	13.80	142.7	13.40
	25.0	23.0	180.0	13.95	180.3	14.14	180.6	14.42	177.9	14.23	175.2	14.03	164.6	13.43	154.8	13.14	141.9	12.74
	30.0	28.0	180.3	14.45	180.3	14.41	180.3	14.34	177.7	13.84	175.2	13.33	164.6	12.76	154.8	12.47	141.9	12.09
	35.0	32.0	180.3	14.74	180.3	14.34	180.3	13.75	177.7	13.19	175.2	12.63	164.6	12.10	154.8	11.81	141.9	11.44
	40.0	36.0	180.3	14.13	180.3	13.61	180.3	12.82	177.7	12.37	175.2	11.93	164.6	11.43	154.8	11.15	141.9	10.78
	45.0	41.0	180.3	12.56	180.3	12.30	180.3	11.90	177.7	11.56	175.2	11.22	164.6	10.76	154.8	10.49	141.9	10.13
	47.0	43.0	180.3	12.23	180.3	11.97	180.3	11.59	177.7	11.26	175.2	10.92	164.6	10.48	154.8	10.21	141.9	9.86
	50.0	46.0	180.3	11.78	180.3	11.53	180.3	11.16	177.7	10.84	175.2	10.52	164.6	10.09	154.8	9.83	141.9	9.49
	55.0	51.0	180.3	11.06	180.3	10.82	180.3	10.48	177.7	10.17	175.2	9.87	164.6	9.47	154.8	9.23	141.9	8.91
60.0	56.0	180.3	10.28	180.3	10.07	180.3	9.74	177.7	9.46	175.2	9.18	164.6	8.81	154.8	8.58	141.9	8.29	
120	-21.6	-22.0	70.2	5.39	69.9	5.84	69.4	6.51	69.0	7.10	68.6	7.70	68.0	8.07	67.7	8.16	67.2	8.27
	-17.1	-17.5	81.4	6.23	81.1	6.68	80.6	7.36	80.0	7.95	79.5	8.54	78.8	8.92	78.4	9.00	77.9	9.12
	-12.6	-13.0	94.4	7.08	93.8	7.53	92.9	8.20	92.2	8.79	91.5	9.39	90.7	9.76	90.3	9.85	89.6	9.96
	-7.0	-7.6	108.9	8.09	107.9	8.54	106.4	9.22	105.3	9.81	104.2	10.40	103.4	10.78	102.9	10.86	102.2	10.98
	-4.0	-4.4	116.9	8.70	115.8	9.15	114.2	9.83	113.0	10.42	111.9	11.01	111.0	11.39	110.4	11.47	109.7	11.58
	0.0	-0.4	126.8	9.45	125.6	9.90	123.8	10.58	122.6	11.17	121.3	11.76	120.4	12.14	119.7	12.22	118.9	12.33
	5.0	4.5	139.2	10.39	137.9	10.84	135.9	11.52	134.5	12.11	133.2	12.70	132.1	13.08	131.4	13.16	130.5	13.27
	10.0	9.0	151.5	11.33	150.1	11.78	147.9	12.46	146.5	13.05	145.0	13.64	143.8	14.02	143.1	14.10	142.1	14.21
	15.0	14.0	163.6	12.25	162.1	12.70	159.8	13.38	158.2	13.97	156.6	14.56	152.6	14.87	146.1	14.80	137.5	14.72
	20.0	19.0	175.6	13.21	174.0	13.66	171.7	14.33	168.0	14.38	164.3	14.42	154.8	14.16	145.3	14.08	132.8	13.97
	25.0	23.0	180.1	14.61	178.8	14.60	176.9	14.57	170.6	14.14	164.3	13.71	154.8	13.46	145.3	13.36	132.8	13.23
	30.0	28.0	180.1	14.65	178.8	14.29	176.9	13.75	170.6	13.37	164.3	13.00	154.8	12.76	145.3	12.65	132.8	12.50
	35.0	32.0	180.1	13.70	178.8	13.39	176.9	12.92	170.6	12.60	164.3	12.28	154.8	12.07	145.3	11.94	132.8	11.77
	40.0	36.0	180.1	12.75	178.8	12.49	176.9	12.10	170.6	11.83	164.3	11.57	154.8	11.37	145.3	11.23	132.8	11.03
	45.0	41.0	180.1	11.81	178.8	11.60	176.9	11.29	170.6	11.07	164.3	10.85	154.8	10.68	145.3	10.52	132.8	10.30
	47.0	43.0	180.1	11.50	178.8	11.29	176.9	10.99	170.6	10.78	164.3	10.56	154.8	10.39	145.3	10.24	132.8	10.03
	50.0	46.0	180.1	11.07	178.8	10.88	176.9	10.58	170.6	10.38	164.3	10.17	154.8	10.01	145.3	9.86	132.8	9.66
	55.0	51.0	180.1	10.39	178.8	10.21	176.9	9.93	170.6	9.74	164.3	9.55	154.8	9.39	145.3	9.25	132.8	9.07
60.0	56.0	180.1	9.66	178.8	9.49	176.9	9.24	170.6	9.06	164.3	8.88	154.8	8.74	145.3	8.61	132.8	8.43	
110	-21.6	-22.0	69.8	6.85	69.5	7.19	69.0	7.70	68.6	8.25	68.2	8.81	67.7	9.85	67.3	10.69	66.9	11.82
	-17.1	-17.5	81.0	7.70	80.7	8.03	80.2	8.54	79.6	9.10	79.0	9.66	78.4	10.69	78.0	11.54	77.5	12.67
	-12.6	-13.0	92.5	8.54	92.2	8.88	91.9	9.39	91.4	9.94	91.0	10.50	90.2	11.54	89.8	12.38	89.2	13.51
	-7.0	-7.6	106.2	9.56	105.7	9.89	104.9	10.40	104.3	10.96	103.7	11.52	102.8	12.55	102.3	13.40	101.6	14.52
	-4.0	-4.4	114.4	10.16	113.7	10.50	112.7	11.01	112.0	11.57	111.3	12.12	110.4	13.16	109.8	14.01	109.1	15.13
	0.0	-0.4	124.6	10.92	123.7	11.25	122.3	11.76	121.5	12.32	120.7	12.88	119.7	13.91	119.1	14.76	118.3	15.88
	5.0	4.5	137.3	11.85	136.1	12.19	134.3	12.70	133.4	13.26	132.4	13.81	130.7	14.55	128.5	14.75	125.5	15.01
	10.0	9.0	150.0	12.79	148.5	13.13	146.4	13.64	145.3	14.20	144.2	14.75	138.1	14.56	131.3	14.29	122.1	13.93
	15.0	14.0	162.4	13.71	160.7	14.05	158.2	14.56	152.8	14.52	147.5	14.49	138.9	14.10	131.0	13.66	120.5	13.06
	20.0	19.0	178.2	15.02	171.9	14.85	162.5	14.59	155.0	14.22	147.5	13.85	138.9	13.42	131.0	13.00	120.5	12.45
	25.0	23.0	178.2	14.76	171.9	14.44	162.5	13.97	155.0	13.55	147.5	13.14	138.9	12.75	131.0	12.36	120.5	11.85
	30.0	28.0	178.2	14.00	171.9	13.64	162.5	13.11	155.0	12.77	147.5	12.43	138.9	12.07	131.0	11.72	120.5	11.25
	35.0	32.0	178.2	12.93	171.9	12.66	162.5	12.26	155.0	11.99	147.5	11.73	138.9	11.40	131.0	11.08	120.5	10.65
	40.0	36.0	178.2	11.87	171.9	11.68	162.5	11.40	155.0	11.21	147.5	11.02	138.9	10.73	131.0	10.44	120.5	10.05
	45.0	41.0	178.2	10.83	171.9	10.72	162.5	10.56	155.0	10.44	147.5	10.31	138.9	10.06	131.0	9.80	120.5	9.45
	47.0	43.0	178.2	10.54	171.9	10.44	162.5	10.28	155.0	10.16	147.5	10.04	138.9	9.79	131.0	9.54	120.5	9.20
	50.0	46.0	178.2	10.15	171.9	10.05	162.5	9.90	155.0	9.79	147.5	9.67	138.9	9.43	131.0	9.19	120.5	8.86
	55.0	51.0	178.2	9.53	171.9	9.43	162.5	9.29	155.0	9.18	147.5	9.08	138.9	8.85	131.0	8.62	120.5	8.31
60.0	56.0	178.2	8.86	171.9	8.77	162.5	8.64	155.0	8.54	147.5	8.44	138.9	8.23	131.0	8.02	120.5	7.73	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHR1 Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahr1directory.org.

Note:

Low ambient performance with LGRED® heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA

ARUM121BTE5 / ARUM121DTE5

120,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-21.6	-22.0	69.5	5.58	69.2	6.38	68.8	7.58	68.4	8.39	67.9	9.21	67.4	10.35	67.1	11.06	66.6	11.99
	-17.1	-17.5	80.7	6.71	80.3	7.37	79.8	8.36	79.3	9.19	78.7	10.02	78.1	11.18	77.7	11.86	77.2	12.77
	-12.6	-13.0	91.8	7.79	91.5	8.36	90.9	9.23	90.7	10.04	90.6	10.84	89.9	12.02	89.4	12.67	88.8	13.54
	-7.0	-7.6	105.3	9.08	104.8	9.56	104.2	10.28	103.7	11.05	103.2	11.81	102.4	13.02	101.9	13.64	101.2	14.47
	-4.0	-4.4	113.3	9.85	112.8	10.27	112.1	10.90	111.5	11.65	110.8	12.40	109.9	13.62	109.4	14.22	108.6	15.02
	0.0	-0.4	122.9	10.81	122.4	11.16	121.6	11.68	120.9	12.40	120.2	13.12	118.9	14.22	117.7	14.50	116.0	14.87
	5.0	4.5	134.9	12.01	134.3	12.26	133.5	12.64	132.0	13.33	130.6	14.03	125.3	14.38	120.3	14.34	113.5	14.27
	10.0	9.0	145.3	13.21	143.5	13.37	140.9	13.61	138.0	14.00	135.0	14.40	127.1	14.17	119.6	13.82	109.7	13.37
	15.0	14.0	156.8	14.47	153.5	14.45	148.4	14.42	141.7	14.32	135.0	14.23	127.1	13.48	119.6	13.07	109.7	12.53
	20.0	19.0	163.3	14.53	157.3	14.38	148.4	14.15	141.7	13.78	135.0	13.42	127.1	12.71	119.6	12.32	109.7	11.80
	25.0	23.0	163.3	14.55	157.3	13.95	148.4	13.06	141.7	12.84	135.0	12.62	127.1	11.94	119.6	11.57	109.7	11.08
	30.0	28.0	163.3	13.55	157.3	13.06	148.4	12.31	141.7	12.07	135.0	11.82	127.1	11.18	119.6	10.83	109.7	10.37
	35.0	32.0	163.3	12.56	157.3	12.16	148.4	11.55	141.7	11.29	135.0	11.03	127.1	10.42	119.6	10.09	109.7	9.65
	40.0	36.0	163.3	11.57	157.3	11.26	148.4	10.80	141.7	10.52	135.0	10.23	127.1	9.66	119.6	9.35	109.7	8.94
	45.0	41.0	163.3	10.60	157.3	10.38	148.4	10.05	141.7	9.75	135.0	9.45	127.1	8.91	119.6	8.62	109.7	8.24
	47.0	43.0	163.3	10.32	157.3	10.10	148.4	9.79	141.7	9.49	135.0	9.20	127.1	8.67	119.6	8.39	109.7	8.02
	50.0	46.0	163.3	9.93	157.3	9.73	148.4	9.43	141.7	9.14	135.0	8.86	127.1	8.35	119.6	8.08	109.7	7.72
55.0	51.0	163.3	9.32	157.3	9.13	148.4	8.85	141.7	8.58	135.0	8.32	127.1	7.84	119.6	7.59	109.7	7.25	
60.0	56.0	163.3	8.67	157.3	8.49	148.4	8.23	141.7	7.98	135.0	7.73	127.1	7.29	119.6	7.05	109.7	6.74	
90	-21.6	-22.0	69.2	7.19	68.9	7.61	68.5	8.26	68.1	9.12	67.7	9.98	67.1	10.58	66.8	11.15	66.3	11.90
	-17.1	-17.5	80.3	8.03	80.0	8.46	79.5	9.10	79.0	9.96	78.4	10.83	77.8	11.43	77.4	11.99	76.8	12.74
	-12.6	-13.0	91.5	8.88	91.1	9.30	90.5	9.95	90.4	10.81	90.2	11.67	89.5	12.27	89.0	12.84	88.4	13.59
	-7.0	-7.6	104.8	9.89	104.4	10.32	103.7	10.96	103.3	11.82	102.8	12.69	102.0	13.29	101.5	13.85	100.8	14.60
	-4.0	-4.4	112.8	10.50	112.4	10.93	111.7	11.57	111.0	12.43	110.4	13.29	109.5	13.64	108.9	13.66	108.2	13.68
	0.0	-0.4	122.4	11.25	121.9	11.68	121.1	12.32	120.3	13.00	119.4	13.68	114.8	13.63	109.8	13.58	103.2	13.52
	5.0	4.5	135.4	12.19	133.8	12.62	131.3	13.26	127.5	13.44	123.6	13.63	116.4	13.43	109.3	13.07	99.8	12.59
	10.0	9.0	148.0	13.49	143.0	13.56	135.5	13.66	129.6	13.62	123.6	13.58	116.4	12.93	109.3	12.35	99.8	11.58
	15.0	14.0	149.7	13.67	144.1	13.64	135.5	13.59	129.6	13.28	123.6	12.97	116.4	12.27	109.3	11.71	99.8	10.98
	20.0	19.0	149.7	13.75	144.1	13.47	135.5	13.06	129.6	12.65	123.6	12.24	116.4	11.58	109.3	11.05	99.8	10.35
	25.0	23.0	149.7	12.93	144.1	12.67	135.5	12.28	129.6	11.90	123.6	11.51	116.4	10.90	109.3	10.40	99.8	9.73
	30.0	28.0	149.7	12.12	144.1	11.87	135.5	11.51	129.6	11.15	123.6	10.79	116.4	10.22	109.3	9.75	99.8	9.11
	35.0	32.0	149.7	11.30	144.1	11.07	135.5	10.73	129.6	10.40	123.6	10.07	116.4	9.54	109.3	9.09	99.8	8.49
	40.0	36.0	149.7	10.48	144.1	10.27	135.5	9.96	129.6	9.65	123.6	9.35	116.4	8.87	109.3	8.44	99.8	7.88
	45.0	41.0	149.7	9.68	144.1	9.49	135.5	9.19	129.6	8.92	123.6	8.64	116.4	8.20	109.3	7.80	99.8	7.27
	47.0	43.0	149.7	9.42	144.1	9.23	135.5	8.95	129.6	8.68	123.6	8.41	116.4	7.98	109.3	7.59	99.8	7.08
	50.0	46.0	149.7	9.08	144.1	8.89	135.5	8.62	129.6	8.36	123.6	8.10	116.4	7.69	109.3	7.31	99.8	6.82
55.0	51.0	149.7	8.52	144.1	8.35	135.5	8.09	129.6	7.85	123.6	7.60	116.4	7.21	109.3	6.86	99.8	6.40	
60.0	56.0	149.7	7.92	144.1	7.76	135.5	7.52	129.6	7.30	123.6	7.07	116.4	6.71	109.3	6.38	99.8	5.95	
80	-21.6	-22.0	68.9	7.25	68.6	7.72	68.2	8.43	67.8	8.94	67.4	9.44	66.8	10.79	66.5	11.49	66.0	12.43
	-17.1	-17.5	80.0	8.09	79.7	8.56	79.2	9.27	78.6	9.78	78.1	10.29	77.4	11.63	77.1	12.34	76.5	13.27
	-12.6	-13.0	91.1	8.94	90.7	9.41	90.1	10.12	89.7	10.63	89.2	11.13	88.8	12.13	88.8	12.11	88.8	12.07
	-7.0	-7.6	104.4	9.95	104.0	10.42	103.3	11.13	102.9	11.64	102.4	12.15	100.8	12.09	98.8	12.07	96.0	12.03
	-4.0	-4.4	112.4	10.56	111.9	11.03	111.2	11.74	110.6	11.93	109.9	12.12	103.5	12.07	97.8	12.04	90.1	12.01
	0.0	-0.4	123.1	11.55	121.4	11.78	118.9	12.13	114.8	12.11	110.7	12.09	103.8	11.96	97.7	11.77	89.4	11.53
	5.0	4.5	131.8	12.14	127.7	12.12	121.6	12.10	116.1	12.07	110.7	12.05	103.8	11.51	97.7	11.16	89.4	10.70
	10.0	9.0	133.9	12.10	129.0	12.08	121.6	12.06	116.1	11.88	110.7	11.70	103.8	10.94	97.7	10.60	89.4	10.15
	15.0	14.0	133.9	12.10	129.0	12.05	121.6	11.96	116.1	11.52	110.7	11.08	103.8	10.38	97.7	10.05	89.4	9.61
	20.0	19.0	133.9	11.78	129.0	11.57	121.6	11.26	116.1	10.85	110.7	10.44	103.8	9.79	97.7	9.47	89.4	9.05
	25.0	23.0	133.9	11.07	129.0	10.87	121.6	10.57	116.1	10.19	110.7	9.81	103.8	9.22	97.7	8.91	89.4	8.50
	30.0	28.0	133.9	10.36	129.0	10.17	121.6	9.89	116.1	9.53	110.7	9.18	103.8	8.64	97.7	8.35	89.4	7.95
	35.0	32.0	133.9	9.64	129.0	9.47	121.6	9.20	116.1	8.87	110.7	8.55	103.8	8.07	97.7	7.78	89.4	7.40
	40.0	36.0	133.9	8.93	129.0	8.77	121.6	8.52	116.1	8.22	110.7	7.91	103.8	7.50	97.7	7.22	89.4	6.85
	45.0	41.0	133.9	8.24	129.0	8.08	121.6	7.84	116.1	7.57	110.7	7.30	103.8	6.93	97.7	6.67	89.4	6.31
	47.0	43.0	133.9	8.02	129.0	7.86	121.6	7.64	116.1	7.37	110.7	7.10	103.8	6.75	97.7	6.49	89.4	6.14
	50.0	46.0	133.9	7.72	129.0	7.57	121.6	7.35	116.1	7.10	110.7	6.84	103.8	6.50	97.7	6.25	89.4	5.92
55.0	51.0	133.9	7.25	129.0	7.11	121.6	6.90	116.1	6.66	110.7	6.42	103.8	6.10	97.7	5.87	89.4	5.55	
60.0	56.0	133.9	6.74	129.0	6.61	121.6	6.42	116.1	6.20	110.7	5.97	103.8	5.67	97.7	5.46	89.4	5.17	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA



ARUM121BTE5 / ARUM121DTE5

120,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-21.6	-22.0	68.5	7.77	68.2	7.99	67.8	8.33	67.4	9.17	67.0	10.02	66.4	11.19	66.1	11.90	65.7	12.84
	-17.1	-17.5	79.5	8.61	79.2	8.84	78.7	9.17	78.2	10.02	77.6	10.86	77.0	11.70	76.6	11.68	76.1	11.64
	-12.6	-13.0	90.6	9.46	90.2	9.68	89.6	10.02	89.2	10.86	88.7	11.71	87.0	11.67	84.2	11.65	80.5	11.62
	-7.0	-7.6	103.4	10.47	103.4	10.70	103.3	11.03	98.6	11.35	93.8	11.67	88.7	11.63	83.6	11.62	76.8	11.60
	-4.0	-4.4	112.5	11.08	108.8	11.30	103.3	11.64	98.6	11.64	93.8	11.64	88.7	11.61	83.6	11.60	76.8	11.58
	0.0	-0.4	113.5	11.70	109.4	11.68	103.3	11.65	98.6	11.63	93.8	11.61	88.7	11.29	83.6	11.10	76.8	10.85
	5.0	4.5	113.5	11.64	109.4	11.61	103.3	11.57	98.6	11.39	93.8	11.22	88.7	10.69	83.6	10.49	76.8	10.22
	10.0	9.0	113.5	11.57	109.4	11.53	103.3	11.48	98.6	11.04	93.8	10.59	88.7	10.09	83.6	9.88	76.8	9.59
	15.0	14.0	113.5	11.72	109.4	11.39	103.3	11.90	98.6	10.44	93.8	9.98	88.7	9.50	83.6	9.28	76.8	8.97
	20.0	19.0	113.5	10.96	109.4	10.65	103.3	10.19	98.6	9.77	93.8	9.34	88.7	8.89	83.6	8.65	76.8	8.33
	25.0	23.0	113.5	10.20	109.4	9.92	103.3	9.50	98.6	9.11	93.8	8.71	88.7	8.29	83.6	8.04	76.8	7.70
	30.0	28.0	113.5	9.45	109.4	9.20	103.3	8.81	98.6	8.45	93.8	8.09	88.7	7.69	83.6	7.42	76.8	7.07
	35.0	32.0	113.5	8.70	109.4	8.47	103.3	8.12	98.6	7.79	93.8	7.46	88.7	7.09	83.6	6.81	76.8	6.44
	40.0	36.0	113.5	7.95	109.4	7.74	103.3	7.42	98.6	7.13	93.8	6.84	88.7	6.49	83.6	6.20	76.8	5.81
	45.0	41.0	113.5	7.22	109.4	7.03	103.3	6.75	98.6	6.49	93.8	6.23	88.7	5.90	83.6	5.60	76.8	5.20
	47.0	43.0	113.5	7.03	109.4	6.85	103.3	6.57	98.6	6.32	93.8	6.07	88.7	5.75	83.6	5.45	76.8	5.06
	50.0	46.0	113.5	6.77	109.4	6.60	103.3	6.33	98.6	6.09	93.8	5.84	88.7	5.53	83.6	5.25	76.8	4.87
	55.0	51.0	113.5	6.36	109.4	6.19	103.3	5.94	98.6	5.71	93.8	5.48	88.7	5.19	83.6	4.93	76.8	4.58
	60.0	56.0	113.5	5.91	109.4	5.76	103.3	5.53	98.6	5.31	93.8	5.10	88.7	4.83	83.6	4.58	76.8	4.25
60	-21.6	-22.0	63.4	7.16	63.2	7.38	62.8	7.72	62.4	8.56	62.0	9.41	61.5	10.58	61.2	11.29	60.8	12.23
	-17.1	-17.5	73.6	8.00	73.3	8.23	72.9	8.56	72.4	9.41	71.9	10.25	71.2	11.09	70.6	11.06	69.8	11.02
	-12.6	-13.0	84.0	8.85	83.5	9.07	82.6	9.41	81.6	10.25	80.5	11.10	75.8	11.05	71.6	11.03	66.1	10.99
	-7.0	-7.6	97.2	9.86	93.8	10.09	88.8	10.42	84.7	10.74	80.5	11.05	75.8	11.01	71.6	10.99	66.1	10.96
	-4.0	-4.4	97.2	10.47	93.8	10.69	88.8	11.03	84.7	11.02	80.5	11.02	75.8	10.85	71.6	10.52	66.1	10.09
	0.0	-0.4	97.2	11.10	93.8	11.08	88.8	11.06	84.7	10.92	80.5	10.77	75.8	10.39	71.6	10.04	66.1	9.56
	5.0	4.5	97.2	11.06	93.8	11.04	88.8	11.02	84.7	10.59	80.5	10.17	75.8	9.79	71.6	9.44	66.1	8.98
	10.0	9.0	97.2	11.25	93.8	11.00	88.8	10.63	84.7	10.10	80.5	9.56	75.8	9.19	71.6	8.84	66.1	8.39
	15.0	14.0	97.2	10.72	93.8	10.42	88.8	9.96	84.7	9.46	80.5	8.97	75.8	8.60	71.6	8.26	66.1	7.81
	20.0	19.0	97.2	10.01	93.8	9.71	88.8	9.26	84.7	8.81	80.5	8.36	75.8	7.98	71.6	7.65	66.1	7.21
	25.0	23.0	97.2	9.30	93.8	9.01	88.8	8.57	84.7	8.16	80.5	7.75	75.8	7.38	71.6	7.06	66.1	6.62
	30.0	28.0	97.2	8.60	93.8	8.31	88.8	7.88	84.7	7.51	80.5	7.15	75.8	6.78	71.6	6.46	66.1	6.04
	35.0	32.0	97.2	7.89	93.8	7.61	88.8	7.19	84.7	6.87	80.5	6.54	75.8	6.18	71.6	5.87	66.1	5.45
	40.0	36.0	97.2	7.19	93.8	6.92	88.8	6.51	84.7	6.22	80.5	5.94	75.8	5.58	71.6	5.27	66.1	4.86
	45.0	41.0	97.2	6.50	93.8	6.24	88.8	5.85	84.7	5.60	80.5	5.36	75.8	5.00	71.6	4.70	66.1	4.30
	47.0	43.0	97.2	6.33	93.8	6.07	88.8	5.69	84.7	5.45	80.5	5.21	75.8	4.87	71.6	4.57	66.1	4.18
	50.0	46.0	97.2	6.10	93.8	5.85	88.8	5.48	84.7	5.25	80.5	5.02	75.8	4.69	71.6	4.40	66.1	4.03
	55.0	51.0	97.2	5.72	93.8	5.49	88.8	5.14	84.7	4.93	80.5	4.71	75.8	4.40	71.6	4.13	66.1	3.78
	60.0	56.0	97.2	5.32	93.8	5.11	88.8	4.78	84.7	4.58	80.5	4.38	75.8	4.09	71.6	3.84	66.1	3.52
50	-21.6	-22.0	58.7	6.14	58.5	6.37	58.1	6.70	57.8	7.55	57.4	8.39	56.6	9.57	55.7	10.27	54.4	11.21
	-17.1	-17.5	68.2	6.99	67.9	7.21	67.5	7.55	66.1	8.39	64.8	9.24	62.3	10.07	59.9	10.03	56.6	9.97
	-12.6	-13.0	81.3	7.83	78.3	8.06	73.9	8.39	70.5	9.24	67.2	10.08	63.2	10.02	59.5	9.98	54.6	9.92
	-7.0	-7.6	81.3	8.84	78.3	9.07	73.9	9.41	70.5	9.72	67.2	10.03	63.2	9.77	59.5	9.29	54.6	8.65
	-4.0	-4.4	81.3	9.45	78.3	9.68	73.9	10.02	70.5	10.00	67.2	9.99	63.2	9.41	59.5	8.95	54.6	8.33
	0.0	-0.4	81.3	10.09	78.3	10.06	73.9	10.02	70.5	9.79	67.2	9.56	63.2	8.97	59.5	8.53	54.6	7.94
	5.0	4.5	81.3	10.28	78.3	10.01	73.9	9.61	70.5	9.29	67.2	8.98	63.2	8.43	59.5	8.01	54.6	7.45
	10.0	9.0	81.3	10.06	78.3	9.64	73.9	9.00	70.5	8.69	67.2	8.39	63.2	7.88	59.5	7.48	54.6	6.95
	15.0	14.0	81.3	9.39	78.3	8.99	73.9	8.39	70.5	8.10	67.2	7.82	63.2	7.34	59.5	6.97	54.6	6.47
	20.0	19.0	81.3	8.68	78.3	8.31	73.9	7.77	70.5	7.49	67.2	7.22	63.2	6.78	59.5	6.43	54.6	5.97
	25.0	23.0	81.3	7.99	78.3	7.65	73.9	7.15	70.5	6.89	67.2	6.63	63.2	6.24	59.5	5.91	54.6	5.48
	30.0	28.0	81.3	7.30	78.3	6.99	73.9	6.54	70.5	6.29	67.2	6.05	63.2	5.69	59.5	5.39	54.6	4.98
	35.0	32.0	81.3	6.60	78.3	6.33	73.9	5.92	70.5	5.69	67.2	5.46	63.2	5.14	59.5	4.86	54.6	4.49
	40.0	36.0	81.3	5.91	78.3	5.67	73.9	5.30	70.5	5.09	67.2	4.87	63.2	4.60	59.5	4.34	54.6	4.00
	45.0	41.0	81.3	5.25	78.3	5.03	73.9	4.71	70.5	4.51	67.2	4.31	63.2	4.07	59.5	3.84	54.6	3.53
	47.0	43.0	81.3	5.11	78.3	4.90	73.9	4.59	70.5	4.39	67.2	4.20	63.2	3.96	59.5	3.73	54.6	3.43
	50.0	46.0	81.3	4.92	78.3	4.72	73.9	4.42	70.5	4.23	67.2	4.04	63.2	3.82	59.5	3.60	54.6	3.30
	55.0	51.0	81.3	4.62	78.3	4.43	73.9	4.15	70.5	3.97	67.2	3.80	63.2	3.58	59.5	3.38	54.6	3.10
	60.0	56.0	81.3	4.29	78.3	4.12	73.9	3.86	70.5	3.69	67.2	3.53	63.2	3.33	59.5	3.14	54.6	2.88

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA

ARUM144BTE5 / ARUM144DTE5

144,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-21.6	-22.0	82.2	8.90	81.9	9.15	81.4	9.54	80.9	10.51	80.4	11.48	79.7	12.82	79.3	13.63	78.8	14.71
	-17.1	-17.5	95.4	9.86	95.0	10.12	94.5	10.51	93.8	11.48	93.1	12.45	92.4	13.40	91.9	13.38	91.3	13.34
	-12.6	-13.0	108.7	10.83	108.2	11.09	107.5	11.48	107.0	12.45	106.5	13.41	104.4	13.37	101.1	13.35	96.6	13.32
	-7.0	-7.6	124.1	11.99	124.0	12.25	123.9	12.64	118.3	13.00	112.6	13.37	106.4	13.32	100.3	13.31	92.2	13.29
	-4.0	-4.4	134.9	12.69	130.5	12.95	123.9	13.34	118.3	13.34	112.6	13.34	106.4	13.30	100.3	13.29	92.2	13.27
	0.0	-0.4	136.2	13.41	131.3	13.38	123.9	13.35	118.3	13.32	112.6	13.30	106.4	12.94	100.3	12.72	92.2	12.43
	5.0	4.5	136.2	13.33	131.3	13.30	123.9	13.25	118.3	13.05	112.6	12.85	106.4	12.25	100.3	12.02	92.2	11.71
	10.0	9.0	136.2	13.25	131.3	13.21	123.9	13.16	118.3	12.64	112.6	12.13	106.4	11.56	100.3	11.32	92.2	10.99
	15.0	14.0	136.2	13.43	131.3	13.05	123.9	12.48	118.3	11.96	112.6	11.43	106.4	10.89	100.3	10.63	92.2	10.28
	20.0	19.0	136.2	12.55	131.3	12.20	123.9	11.68	118.3	11.19	112.6	10.70	106.4	10.18	100.3	9.91	92.2	9.54
	25.0	23.0	136.2	11.69	131.3	11.37	123.9	10.88	118.3	10.43	112.6	9.98	106.4	9.50	100.3	9.21	92.2	8.82
	30.0	28.0	136.2	10.83	131.3	10.54	123.9	10.09	118.3	9.68	112.6	9.27	106.4	8.81	100.3	8.50	92.2	8.10
	35.0	32.0	136.2	9.97	131.3	9.70	123.9	9.30	118.3	8.93	112.6	8.55	106.4	8.12	100.3	7.80	92.2	7.38
	40.0	36.0	136.2	9.11	131.3	8.87	123.9	8.51	118.3	8.17	112.6	7.84	106.4	7.43	100.3	7.10	92.2	6.65
	45.0	41.0	136.2	8.28	131.3	8.06	123.9	7.74	118.3	7.44	112.6	7.14	106.4	6.76	100.3	6.42	92.2	5.96
	47.0	43.0	136.2	8.06	131.3	7.85	123.9	7.53	118.3	7.24	112.6	6.95	106.4	6.58	100.3	6.25	92.2	5.80
	50.0	46.0	136.2	7.76	131.3	7.56	123.9	7.25	118.3	6.97	112.6	6.69	106.4	6.34	100.3	6.02	92.2	5.58
	55.0	51.0	136.2	7.28	131.3	7.09	123.9	6.81	118.3	6.54	112.6	6.28	106.4	5.95	100.3	5.65	92.2	5.24
60.0	56.0	136.2	6.77	131.3	6.60	123.9	6.33	118.3	6.09	112.6	5.84	106.4	5.53	100.3	5.25	92.2	4.87	
60	-21.6	-22.0	76.1	8.20	75.8	8.46	75.3	8.84	74.9	9.81	74.4	10.78	73.8	12.12	73.4	12.93	72.9	14.01
	-17.1	-17.5	88.4	9.17	88.0	9.42	87.4	9.81	86.8	10.78	86.2	11.75	85.4	12.70	84.7	12.67	83.7	12.63
	-12.6	-13.0	100.8	10.13	100.2	10.39	99.2	10.78	97.9	11.75	96.6	12.72	91.0	12.66	86.0	12.63	79.3	12.59
	-7.0	-7.6	116.6	11.30	112.6	11.55	106.6	11.94	101.6	12.30	96.6	12.66	91.0	12.62	86.0	12.59	79.3	12.55
	-4.0	-4.4	116.6	11.99	112.6	12.25	106.6	12.64	101.6	12.63	96.6	12.62	91.0	12.43	86.0	12.05	79.3	11.56
	0.0	-0.4	116.6	12.71	112.6	12.70	106.6	12.68	101.6	12.51	96.6	12.34	91.0	11.90	86.0	11.50	79.3	10.96
	5.0	4.5	116.6	12.67	112.6	12.65	106.6	12.62	101.6	12.14	96.6	11.65	91.0	11.21	86.0	10.81	79.3	10.28
	10.0	9.0	116.6	12.89	112.6	12.60	106.6	12.18	101.6	11.57	96.6	10.96	91.0	10.52	86.0	10.13	79.3	9.61
	15.0	14.0	116.6	12.29	112.6	11.93	106.6	11.41	101.6	10.84	96.6	10.28	91.0	9.85	86.0	9.46	79.3	8.95
	20.0	19.0	116.6	11.46	112.6	11.12	106.6	10.60	101.6	10.09	96.6	9.57	91.0	9.15	86.0	8.77	79.3	8.26
	25.0	23.0	116.6	10.66	112.6	10.32	106.6	9.82	101.6	9.35	96.6	8.88	91.0	8.46	86.0	8.08	79.3	7.59
	30.0	28.0	116.6	9.85	112.6	9.52	106.6	9.03	101.6	8.61	96.6	8.19	91.0	7.77	86.0	7.40	79.3	6.92
	35.0	32.0	116.6	9.04	112.6	8.72	106.6	8.24	101.6	7.87	96.6	7.50	91.0	7.08	86.0	6.72	79.3	6.24
	40.0	36.0	116.6	8.23	112.6	7.92	106.6	7.46	101.6	7.13	96.6	6.81	91.0	6.39	86.0	6.04	79.3	5.57
	45.0	41.0	116.6	7.45	112.6	7.15	106.6	6.70	101.6	6.42	96.6	6.14	91.0	5.73	86.0	5.38	79.3	4.92
	47.0	43.0	116.6	7.25	112.6	6.96	106.6	6.52	101.6	6.25	96.6	5.97	91.0	5.57	86.0	5.24	79.3	4.79
	50.0	46.0	116.6	6.99	112.6	6.70	106.6	6.28	101.6	6.02	96.6	5.75	91.0	5.37	86.0	5.05	79.3	4.62
	55.0	51.0	116.6	6.56	112.6	6.29	106.6	5.89	101.6	5.65	96.6	5.40	91.0	5.04	86.0	4.74	79.3	4.33
60.0	56.0	116.6	6.10	112.6	5.85	106.6	5.48	101.6	5.25	96.6	5.02	91.0	4.69	86.0	4.40	79.3	4.03	
50	-21.6	-22.0	70.5	7.03	70.2	7.29	69.7	7.68	69.3	8.65	68.9	9.62	68.0	10.96	66.8	11.77	65.3	12.84
	-17.1	-17.5	81.8	8.00	81.5	8.26	80.9	8.65	79.3	9.62	77.7	10.58	74.8	11.53	71.8	11.49	67.9	11.42
	-12.6	-13.0	97.5	8.97	94.0	9.23	88.6	9.62	84.6	10.58	80.6	11.55	75.9	11.48	71.4	11.43	65.5	11.36
	-7.0	-7.6	97.5	10.13	94.0	10.39	88.6	10.78	84.6	11.13	80.6	11.49	75.9	11.19	71.4	10.64	65.5	9.91
	-4.0	-4.4	97.5	10.83	94.0	11.09	88.6	11.48	84.6	11.46	80.6	11.45	75.9	10.78	71.4	10.25	65.5	9.55
	0.0	-0.4	97.5	11.56	94.0	11.53	88.6	11.48	84.6	11.22	80.6	10.95	75.9	10.28	71.4	9.77	65.5	9.10
	5.0	4.5	97.5	11.78	94.0	11.47	88.6	11.01	84.6	10.65	80.6	10.28	75.9	9.65	71.4	9.17	65.5	8.53
	10.0	9.0	97.5	11.53	94.0	11.04	88.6	10.31	84.6	9.96	80.6	9.61	75.9	9.03	71.4	8.57	65.5	7.97
	15.0	14.0	97.5	10.75	94.0	10.30	88.6	9.62	84.6	9.29	80.6	8.95	75.9	8.41	71.4	7.98	65.5	7.41
	20.0	19.0	97.5	9.94	94.0	9.53	88.6	8.90	84.6	8.58	80.6	8.27	75.9	7.77	71.4	7.37	65.5	6.84
	25.0	23.0	97.5	9.15	94.0	8.77	88.6	8.19	84.6	7.90	80.6	7.60	75.9	7.15	71.4	6.77	65.5	6.27
	30.0	28.0	97.5	8.36	94.0	8.01	88.6	7.49	84.6	7.21	80.6	6.93	75.9	6.52	71.4	6.17	65.5	5.71
	35.0	32.0	97.5	7.57	94.0	7.25	88.6	6.78	84.6	6.52	80.6	6.26	75.9	5.89	71.4	5.57	65.5	5.14
	40.0	36.0	97.5	6.77	94.0	6.49	88.6	6.08	84.6	5.83	80.6	5.58	75.9	5.26	71.4	4.97	65.5	4.58
	45.0	41.0	97.5	6.01	94.0	5.77	88.6	5.40	84.6	5.17	80.6	4.94	75.9	4.66	71.4	4.40	65.5	4.04
	47.0	43.0	97.5	5.85	94.0	5.61	88.6	5.26	84.6	5.03	80.6	4.81	75.9	4.54	71.4	4.28	65.5	3.93
	50.0	46.0	97.5	5.64	94.0	5.41	88.6	5.06	84.6	4.85	80.6	4.63	75.9	4.37	71.4	4.12	65.5	3.79
	55.0	51.0	97.5	5.29	94.0	5.07	88.6	4.75	84.6	4.55	80.6	4.35	75.9	4.10	71.4	3.87	65.5	3.55
60.0	56.0	97.5	4.92	94.0	4.72	88.6	4.42	84.6	4.23	80.6	4.04	75.9	3.82	71.4	3.60	65.5	3.30	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHR1 Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA



ARUM168BTE5 / ARUM168DTE5

168,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-21.6	-22.0	95.9	11.80	95.5	12.14	94.9	12.66	94.4	13.94	93.8	15.22	93.0	17.01	92.6	18.08	91.9	19.51
	-17.1	-17.5	111.4	13.08	110.9	13.43	110.2	13.94	109.4	15.22	108.7	16.51	107.8	17.78	107.2	17.74	106.5	17.69
	-12.6	-13.0	126.8	14.37	126.3	14.71	125.5	15.22	124.8	16.51	124.2	17.79	121.8	17.73	117.9	17.70	112.7	17.66
	-7.0	-7.6	144.8	15.91	144.7	16.25	144.6	16.77	138.0	17.25	131.4	17.73	124.2	17.67	117.0	17.65	107.5	17.62
	-4.0	-4.4	157.4	16.83	152.3	17.18	144.6	17.69	138.0	17.69	131.4	17.69	124.2	17.64	117.0	17.62	107.5	17.60
	0.0	-0.4	158.8	17.79	153.1	17.75	144.6	17.70	138.0	17.67	131.4	17.65	124.2	17.16	117.0	16.87	107.5	16.49
	5.0	4.5	158.8	17.68	153.1	17.64	144.6	17.58	138.0	17.31	131.4	17.04	124.2	16.25	117.0	15.94	107.5	15.53
	10.0	9.0	158.8	17.58	153.1	17.53	144.6	17.45	138.0	16.77	131.4	16.09	124.2	15.33	117.0	15.01	107.5	14.58
	15.0	14.0	158.8	17.81	153.1	17.31	144.6	16.56	138.0	15.86	131.4	15.16	124.2	14.44	117.0	14.09	107.5	13.64
	20.0	19.0	158.8	16.65	153.1	16.18	144.6	15.49	138.0	14.84	131.4	14.19	124.2	13.51	117.0	13.14	107.5	12.66
	25.0	23.0	158.8	15.51	153.1	15.08	144.6	14.44	138.0	13.84	131.4	13.24	124.2	12.59	117.0	12.21	107.5	11.70
	30.0	28.0	158.8	14.37	153.1	13.97	144.6	13.38	138.0	12.84	131.4	12.29	124.2	11.68	117.0	11.28	107.5	10.74
	35.0	32.0	158.8	13.22	153.1	12.87	144.6	12.33	138.0	11.84	131.4	11.34	124.2	10.77	117.0	10.35	107.5	9.78
	40.0	36.0	158.8	12.08	153.1	11.76	144.6	11.28	138.0	10.84	131.4	10.39	124.2	9.86	117.0	9.41	107.5	8.82
	45.0	41.0	158.8	10.98	153.1	10.69	144.6	10.26	138.0	9.86	131.4	9.47	124.2	8.97	117.0	8.51	107.5	7.90
	47.0	43.0	158.8	10.68	153.1	10.41	144.6	9.99	138.0	9.60	131.4	9.22	124.2	8.73	117.0	8.28	107.5	7.69
	50.0	46.0	158.8	10.29	153.1	10.02	144.6	9.62	138.0	9.25	131.4	8.88	124.2	8.41	117.0	7.98	107.5	7.41
	55.0	51.0	158.8	9.66	153.1	9.41	144.6	9.03	138.0	8.68	131.4	8.33	124.2	7.89	117.0	7.49	107.5	6.95
60.0	56.0	158.8	8.98	153.1	8.75	144.6	8.40	138.0	8.07	131.4	7.75	124.2	7.34	117.0	6.96	107.5	6.47	
60	-21.6	-22.0	88.8	10.87	88.4	11.22	87.9	11.73	87.3	13.01	86.8	14.30	86.1	16.08	85.7	17.15	85.1	18.58
	-17.1	-17.5	103.1	12.16	102.7	12.50	102.0	13.01	101.3	14.30	100.6	15.58	99.6	16.85	98.8	16.81	97.7	16.75
	-12.6	-13.0	117.7	13.44	116.9	13.78	115.7	14.30	114.2	15.58	112.7	16.87	106.1	16.79	100.3	16.76	92.5	16.70
	-7.0	-7.6	136.0	14.98	131.4	15.33	124.4	15.84	118.6	16.31	112.7	16.79	106.1	16.73	100.3	16.70	92.5	16.65
	-4.0	-4.4	136.0	15.91	131.4	16.25	124.4	16.76	118.6	16.75	112.7	16.74	106.1	16.48	100.3	15.99	92.5	15.33
	0.0	-0.4	136.0	16.86	131.4	16.84	124.4	16.81	118.6	16.59	112.7	16.37	106.1	15.79	100.3	15.25	92.5	14.53
	5.0	4.5	136.0	16.81	131.4	16.78	124.4	16.74	118.6	16.10	112.7	15.45	106.1	14.87	100.3	14.34	92.5	13.64
	10.0	9.0	136.0	17.09	131.4	16.72	124.4	16.15	118.6	15.34	112.7	14.53	106.1	13.96	100.3	13.44	92.5	12.75
	15.0	14.0	136.0	16.30	131.4	15.83	124.4	15.13	118.6	14.38	112.7	13.63	106.1	13.06	100.3	12.55	92.5	11.87
	20.0	19.0	136.0	15.20	131.4	14.75	124.4	14.06	118.6	13.38	112.7	12.70	106.1	12.13	100.3	11.63	92.5	10.96
	25.0	23.0	136.0	14.13	131.4	13.69	124.4	13.02	118.6	12.40	112.7	11.78	106.1	11.22	100.3	10.72	92.5	10.07
	30.0	28.0	136.0	13.06	131.4	12.63	124.4	11.98	118.6	11.42	112.7	10.86	106.1	10.30	100.3	9.82	92.5	9.17
	35.0	32.0	136.0	11.99	131.4	11.57	124.4	10.93	118.6	10.44	112.7	9.94	106.1	9.39	100.3	8.91	92.5	8.28
	40.0	36.0	136.0	10.92	131.4	10.51	124.4	9.89	118.6	9.46	112.7	9.03	106.1	8.48	100.3	8.01	92.5	7.39
	45.0	41.0	136.0	9.88	131.4	9.48	124.4	8.88	118.6	8.51	112.7	8.14	106.1	7.59	100.3	7.14	92.5	6.53
	47.0	43.0	136.0	9.62	131.4	9.23	124.4	8.65	118.6	8.28	112.7	7.92	106.1	7.39	100.3	6.95	92.5	6.36
	50.0	46.0	136.0	9.27	131.4	8.89	124.4	8.33	118.6	7.98	112.7	7.63	106.1	7.12	100.3	6.69	92.5	6.12
	55.0	51.0	136.0	8.70	131.4	8.34	124.4	7.82	118.6	7.49	112.7	7.16	106.1	6.68	100.3	6.28	92.5	5.75
60.0	56.0	136.0	8.09	131.4	7.76	124.4	7.27	118.6	6.96	112.7	6.66	106.1	6.21	100.3	5.84	92.5	5.34	
50	-21.6	-22.0	82.2	9.33	81.9	9.67	81.3	10.19	80.9	11.47	80.4	12.76	79.3	14.54	78.0	15.61	76.2	17.04
	-17.1	-17.5	95.4	10.61	95.0	10.96	94.4	11.47	92.6	12.76	90.7	14.04	87.3	15.30	83.8	15.23	79.2	15.15
	-12.6	-13.0	113.8	11.90	109.6	12.24	103.4	12.76	98.7	14.04	94.1	15.32	88.5	15.23	83.4	15.16	76.4	15.07
	-7.0	-7.6	113.8	13.44	109.6	13.78	103.4	14.30	98.7	14.77	94.1	15.24	88.5	14.84	83.4	14.11	76.4	13.15
	-4.0	-4.4	113.8	14.36	109.6	14.71	103.4	15.22	98.7	15.20	94.1	15.18	88.5	14.30	83.4	13.60	76.4	12.66
	0.0	-0.4	113.8	15.34	109.6	15.29	103.4	15.23	98.7	14.88	94.1	14.53	88.5	13.64	83.4	12.96	76.4	12.06
	5.0	4.5	113.8	15.62	109.6	15.22	103.4	14.61	98.7	14.12	94.1	13.64	88.5	12.80	83.4	12.17	76.4	11.32
	10.0	9.0	113.8	15.29	109.6	14.64	103.4	13.67	98.7	13.21	94.1	12.75	88.5	11.97	83.4	11.37	76.4	10.57
	15.0	14.0	113.8	14.26	109.6	13.66	103.4	12.75	98.7	12.32	94.1	11.88	88.5	11.16	83.4	10.59	76.4	9.83
	20.0	19.0	113.8	13.19	109.6	12.63	103.4	11.80	98.7	11.38	94.1	10.97	88.5	10.31	83.4	9.78	76.4	9.07
	25.0	23.0	113.8	12.14	109.6	11.63	103.4	10.87	98.7	10.47	94.1	10.08	88.5	9.48	83.4	8.98	76.4	8.32
	30.0	28.0	113.8	11.09	109.6	10.62	103.4	9.93	98.7	9.56	94.1	9.19	88.5	8.65	83.4	8.19	76.4	7.57
	35.0	32.0	113.8	10.03	109.6	9.62	103.4	9.00	98.7	8.65	94.1	8.30	88.5	7.81	83.4	7.39	76.4	6.82
	40.0	36.0	113.8	8.98	109.6	8.61	103.4	8.06	98.7	7.73	94.1	7.41	88.5	6.98	83.4	6.59	76.4	6.07
	45.0	41.0	113.8	7.97	109.6	7.65	103.4	7.16	98.7	6.86	94.1	6.55	88.5	6.19	83.4	5.83	76.4	5.36
	47.0	43.0	113.8	7.76	109.6	7.45	103.4	6.97	98.7	6.68	94.1	6.38	88.5	6.02	83.4	5.68	76.4	5.21
	50.0	46.0	113.8	7.48	109.6	7.17	103.4	6.72	98.7	6.43	94.1	6.14	88.5	5.80	83.4	5.47	76.4	5.02
	55.0	51.0	113.8	7.02	109.6	6.73	103.4	6.30	98.7	6.03	94.1	5.77	88.5	5.44	83.4	5.13	76.4	4.71
60.0	56.0	113.8	6.53	109.6	6.26	103.4	5.86	98.7	5.61	94.1	5.36	88.5	5.06	83.4	4.77	76.4	4.38	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.

Note:

Low ambient performance with LGRED® heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA



ARUM288BTE5 / ARUM288DTE5

288,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB																	
			59		61		64		67		70		73		76		80			
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW		
100	-21.6	-22.0	166.8	13.45	166.1	15.39	165.0	18.28	164.1	20.25	163.1	22.22	161.7	24.98	160.9	26.68	159.8	28.94		
	90	-21.6	-22.0	166.1	17.34	165.4	18.37	164.4	19.92	163.4	22.00	162.4	24.08	161.1	25.53	160.3	26.89	159.2	28.71	
		80	-21.6	-22.0	165.4	17.48	164.7	18.63	163.7	20.34	162.7	21.56	161.7	22.79	160.4	26.03	159.6	27.73	158.5	29.99

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-21.6	-22.0	164.4	18.74	163.8	19.28	162.7	20.10	161.8	22.14	160.8	24.18	159.5	27.01	158.7	28.71	157.6	30.97
	-17.1	-17.5	190.9	20.78	190.1	21.32	188.9	22.14	187.6	24.18	186.3	26.22	184.8	28.23	183.8	28.17	182.6	28.10
	-12.6	-13.0	217.3	22.82	216.4	23.36	215.1	24.18	214.0	26.22	212.9	28.25	208.8	28.15	202.1	28.11	193.3	28.05
	-7.0	-7.6	248.2	25.26	248.1	25.81	247.9	26.62	236.5	27.39	225.2	28.16	212.9	28.07	200.6	28.03	184.4	27.99
	-4.0	-4.4	269.9	26.73	261.1	27.28	247.9	28.09	236.5	28.09	225.2	28.10	212.9	28.01	200.6	27.98	184.4	27.95
	0.0	-0.4	272.3	28.24	262.5	28.19	247.9	28.11	236.5	28.07	225.2	28.02	212.9	27.25	200.6	26.79	184.4	26.19
	5.0	4.5	272.3	28.08	262.5	28.01	247.9	27.91	236.5	27.49	225.2	27.06	212.9	25.80	200.6	25.31	184.4	24.67
	10.0	9.0	272.3	27.92	262.5	27.83	247.9	27.71	236.5	26.63	225.2	25.55	212.9	24.35	200.6	23.83	184.4	23.15
	15.0	14.0	272.3	28.28	262.5	27.49	247.9	26.30	236.5	25.19	225.2	24.08	212.9	22.93	200.6	22.38	184.4	21.65
	20.0	19.0	272.3	26.44	262.5	25.70	247.9	24.59	236.5	23.57	225.2	22.54	212.9	21.45	200.6	20.87	184.4	20.10
	25.0	23.0	272.3	24.62	262.5	23.94	247.9	22.92	236.5	21.98	225.2	21.03	212.9	20.00	200.6	19.39	184.4	18.58
	30.0	28.0	272.3	22.81	262.5	22.19	247.9	21.25	236.5	20.39	225.2	19.52	212.9	18.55	200.6	17.91	184.4	17.06
	35.0	32.0	272.3	21.00	262.5	20.43	247.9	19.59	236.5	18.80	225.2	18.01	212.9	17.10	200.6	16.43	184.4	15.53
	40.0	36.0	272.3	19.19	262.5	18.68	247.9	17.92	236.5	17.21	225.2	16.50	212.9	15.65	200.6	14.95	184.4	14.01
	45.0	41.0	272.3	17.43	262.5	16.98	247.9	16.29	236.5	15.66	225.2	15.04	212.9	14.24	200.6	13.51	184.4	12.55
47.0	43.0	272.3	16.97	262.5	16.53	247.9	15.86	236.5	15.25	225.2	14.64	212.9	13.86	200.6	13.16	184.4	12.21	
50.0	46.0	272.3	16.34	262.5	15.92	247.9	15.28	236.5	14.69	225.2	14.10	212.9	13.35	200.6	12.67	184.4	11.76	
55.0	51.0	272.3	15.34	262.5	14.94	247.9	14.34	236.5	13.78	225.2	13.23	212.9	12.53	200.6	11.89	184.4	11.04	
60.0	56.0	272.3	14.26	262.5	13.89	247.9	13.33	236.5	12.82	225.2	12.30	212.9	11.65	200.6	11.06	184.4	10.27	
60	-21.6	-22.0	152.2	17.27	151.6	17.81	150.6	18.63	149.7	20.67	148.8	22.71	147.6	25.54	146.9	27.24	145.9	29.50
	-17.1	-17.5	176.7	19.31	176.0	19.85	174.9	20.67	173.7	22.71	172.5	24.74	170.8	26.75	169.4	26.69	167.5	26.60
	-12.6	-13.0	201.7	21.35	200.4	21.89	198.4	22.71	195.8	24.74	193.2	26.78	181.9	26.67	171.9	26.61	158.6	26.53
	-7.0	-7.6	233.2	23.79	225.2	24.34	213.2	25.15	203.2	25.90	193.2	26.66	181.9	26.57	171.9	26.51	158.6	26.44
	-4.0	-4.4	233.2	25.26	225.2	25.80	213.2	26.62	203.2	26.60	193.2	26.58	181.9	26.17	171.9	25.39	158.6	24.34
	0.0	-0.4	233.2	26.78	225.2	26.75	213.2	26.70	203.2	26.35	193.2	25.99	181.9	25.07	171.9	24.22	158.6	23.08
	5.0	4.5	233.2	26.69	225.2	26.65	213.2	26.58	203.2	25.56	193.2	24.54	181.9	23.62	171.9	22.78	158.6	21.66
	10.0	9.0	233.2	27.14	225.2	26.54	213.2	25.65	203.2	24.36	193.2	23.08	181.9	22.17	171.9	21.34	158.6	20.24
	15.0	14.0	233.2	25.88	225.2	25.14	213.2	24.02	203.2	22.84	193.2	21.65	181.9	20.74	171.9	19.93	158.6	18.85
	20.0	19.0	233.2	24.14	225.2	23.42	213.2	22.33	203.2	21.25	193.2	20.16	181.9	19.26	171.9	18.47	158.6	17.40
	25.0	23.0	233.2	22.44	225.2	21.74	213.2	20.68	203.2	19.69	193.2	18.71	181.9	17.81	171.9	17.03	158.6	15.98
	30.0	28.0	233.2	20.74	225.2	20.05	213.2	19.02	203.2	18.13	193.2	17.25	181.9	16.36	171.9	15.59	158.6	14.57
	35.0	32.0	233.2	19.04	225.2	18.37	213.2	17.36	203.2	16.58	193.2	15.79	181.9	14.91	171.9	14.15	158.6	13.15
	40.0	36.0	233.2	17.34	225.2	16.69	213.2	15.70	203.2	15.02	193.2	14.33	181.9	13.46	171.9	12.72	158.6	11.73
	45.0	41.0	233.2	15.69	225.2	15.06	213.2	14.11	203.2	13.51	193.2	12.92	181.9	12.06	171.9	11.33	158.6	10.37
47.0	43.0	233.2	15.28	225.2	14.66	213.2	13.73	203.2	13.16	193.2	12.58	181.9	11.74	171.9	11.03	158.6	10.09	
50.0	46.0	233.2	14.71	225.2	14.12	213.2	13.22	203.2	12.67	193.2	12.12	181.9	11.31	171.9	10.63	158.6	9.72	
55.0	51.0	233.2	13.81	225.2	13.25	213.2	12.41	203.2	11.89	193.2	11.37	181.9	10.61	171.9	9.97	158.6	9.12	
60.0	56.0	233.2	12.84	225.2	12.32	213.2	11.54	203.2	11.06	193.2	10.58	181.9	9.87	171.9	9.28	158.6	8.49	
50	-21.6	-22.0	140.9	14.82	140.3	15.36	139.4	16.18	138.6	18.22	137.8	20.25	135.9	23.09	133.6	24.79	130.6	27.05
	-17.1	-17.5	163.6	16.86	162.9	17.40	161.9	18.22	158.7	20.25	155.5	22.29	149.6	24.29	143.7	24.19	135.8	24.06
	-12.6	-13.0	195.0	18.90	187.9	19.44	177.2	20.25	169.2	22.29	161.3	24.33	151.8	24.18	142.9	24.07	131.0	23.93
	-7.0	-7.6	195.0	21.34	187.9	21.89	177.2	22.70	169.2	23.45	161.3	24.19	151.8	23.57	142.9	22.41	131.0	20.88
	-4.0	-4.4	195.0	22.81	187.9	23.35	177.2	24.17	169.2	24.14	161.3	24.11	151.8	22.71	142.9	21.59	131.0	20.11
	0.0	-0.4	195.0	24.36	187.9	24.29	177.2	24.18	169.2	23.63	161.3	23.07	151.8	21.65	142.9	20.58	131.0	19.16
	5.0	4.5	195.0	24.81	187.9	24.16	177.2	23.19	169.2	22.43	161.3	21.66	151.8	20.33	142.9	19.32	131.0	17.97
	10.0	9.0	195.0	24.28	187.9	23.25	177.2	21.71	169.2	20.98	161.3	20.25	151.8	19.01	142.9	18.06	131.0	16.78
	15.0	14.0	195.0	22.65	187.9	21.69	177.2	20.25	169.2	19.56	161.3	18.86	151.8	17.72	142.9	16.82	131.0	15.61
	20.0	19.0	195.0	20.94	187.9	20.06	177.2	18.74	169.2	18.08	161.3	17.42	151.8	16.37	142.9	15.53	131.0	14.40
	25.0	23.0	195.0	19.27	187.9	18.47	177.2	17.25	169.2	16.63	161.3	16.00	151.8	15.05	142.9	14.26	131.0	13.21
	30.0	28.0	195.0	17.60	187.9	16.87	177.2	15.77	169.2	15.18	161.3	14.59	151.8	13.73	142.9	13.00	131.0	12.02
	35.0	32.0	195.0	15.94	187.9	15.28	177.2	14.28	169.2	13.73	161.3	13.18	151.8	12.41	142.9	11.73	131.0	10.83
	40.0	36.0	195.0	14.27	187.9	13.68	177.2	12.80	169.2	12.28	161.3	11.76	151.8	11.09	142.9	10.47	131.0	9.65
	45.0	41.0	195.0	12.66	187.9	12.15	177.2	11.37	169.2	10.89	161.3	10.41	151.8	9.82	142.9	9.26	131.0	8.51
47.0	43.0	195.0	12.33	187.9	11.82	177.2	11.07	169.2	10.60	161.3	10.13	151.8	9.56	142.9	9.01	131.0	8.28	
50.0	46.0	195.0	11.87	187.9	11.39	177.2	10.66	169.2	10.21	161.3	9.76	151.8	9.21	142.9	8.68	131.0	7.98	
55.0	51.0	195.0	11.14	187.9	10.69	177.2	10.01	169.2	9.58	161.3	9.16	151.8	8.64	142.9	8.15	131.0	7.49	
60.0	56.0	195.0	10.36	187.9	9.94	177.2	9.31	169.2	8.91	161.3	8.52	151.8	8.04	142.9	7.58	131.0	6.96	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 The System Combination Ratio must be between 50-130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
 Current certified ratings are available at www.ahrirectory.org.

Note:

Low ambient performance with LGRED[°] heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA



ARUM312BTE5 / ARUM312DTE5

312,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-21.6	-22.0	183.7	11.64	182.9	13.24	181.8	15.65	180.7	17.92	179.6	20.20	178.2	23.11	177.3	24.77	176.0	26.97
	-17.1	-17.5	213.3	14.03	212.4	15.59	211.0	17.95	209.6	20.14	208.1	22.34	206.4	25.01	205.4	26.49	204.0	28.45
	-12.6	-13.0	251.8	16.41	249.0	17.95	244.9	20.25	242.2	22.37	239.5	24.49	237.6	26.91	236.3	28.21	234.7	29.93
	-7.0	-7.6	286.9	19.28	283.8	20.77	279.1	23.01	276.0	25.03	272.9	27.06	270.7	29.20	269.3	30.27	267.5	31.70
	-4.0	-4.4	308.0	21.00	304.7	22.46	299.6	24.66	296.3	26.63	293.0	28.60	290.6	30.56	289.1	31.51	287.2	32.76
	0.0	-0.4	334.0	23.12	330.4	24.56	324.9	26.71	321.3	28.61	317.7	30.51	315.2	32.25	313.6	33.03	311.4	34.07
	5.0	4.5	366.6	25.78	362.6	27.17	356.6	29.26	352.6	31.08	348.7	32.89	345.9	34.37	344.1	34.94	341.8	35.71
	10.0	9.0	399.1	28.43	394.8	29.78	388.3	31.82	384.0	33.55	379.6	35.27	376.6	36.48	374.7	36.85	372.1	37.35
	15.0	14.0	431.0	31.03	426.3	32.35	419.3	34.32	414.6	35.97	410.0	37.61	406.7	38.43	404.6	38.36	401.8	38.27
	20.0	19.0	461.5	33.73	457.5	35.01	451.6	36.93	446.2	37.60	440.8	38.27	427.0	37.52	403.0	36.72	371.0	35.67
	25.0	23.0	468.1	37.12	468.7	37.63	469.5	38.38	462.6	37.87	455.6	37.35	427.9	35.74	402.6	34.97	368.9	33.93
	30.0	28.0	468.7	38.46	468.7	38.35	468.7	38.18	462.1	36.83	455.6	35.48	427.9	33.97	402.6	33.21	368.9	32.18
	35.0	32.0	468.7	39.23	468.7	38.18	468.7	36.61	462.1	35.11	455.6	33.62	427.9	32.20	402.6	31.45	368.9	30.44
	40.0	36.0	468.7	37.62	468.7	36.23	468.7	34.13	462.1	32.94	455.6	31.75	427.9	30.43	402.6	29.69	368.9	28.70
	45.0	41.0	468.7	33.45	468.7	32.74	468.7	31.69	462.1	30.78	455.6	29.87	427.9	28.64	402.6	27.92	368.9	26.95
	47.0	43.0	468.7	32.56	468.7	31.87	468.7	30.85	462.1	29.96	455.6	29.08	427.9	27.88	402.6	27.18	368.9	26.24
	50.0	46.0	468.7	31.36	468.7	30.70	468.7	29.71	462.1	28.86	455.6	28.01	427.9	26.86	402.6	26.18	368.9	25.27
	55.0	51.0	468.7	29.43	468.7	28.81	468.7	27.88	462.1	27.09	455.6	26.29	427.9	25.21	402.6	24.57	368.9	23.72
	60.0	56.0	468.7	27.37	468.7	26.80	468.7	25.93	462.1	25.19	455.6	24.44	427.9	23.44	402.6	22.85	368.9	22.06
	120	-21.6	-22.0	182.4	14.34	181.6	15.54	180.5	17.34	179.4	18.91	178.3	20.49	176.9	21.49	176.0	21.72	174.8
-17.1		-17.5	211.7	16.59	210.9	17.79	209.5	19.59	208.1	21.16	206.6	22.74	205.0	23.74	203.9	23.97	202.5	24.27
-12.6		-13.0	245.3	18.84	243.8	20.04	241.5	21.84	239.6	23.41	237.8	24.99	235.9	25.99	234.7	26.22	233.1	26.52
-7.0		-7.6	283.2	21.54	280.5	22.74	276.5	24.54	273.8	26.11	271.0	27.69	268.8	28.69	267.4	28.92	265.6	29.22
-4.0		-4.4	304.0	23.16	301.1	24.36	296.8	26.16	293.9	27.73	290.9	29.31	288.5	30.31	287.1	30.54	285.1	30.84
0.0		-0.4	329.7	25.16	326.6	26.36	321.9	28.16	318.7	29.73	315.5	31.31	312.9	32.31	311.3	32.53	309.2	32.83
5.0		4.5	361.8	27.66	358.4	28.86	353.3	30.66	349.8	32.23	346.2	33.80	343.4	34.81	341.7	35.03	339.3	35.33
10.0		9.0	394.0	30.16	390.2	31.36	384.6	33.15	380.8	34.73	377.0	36.30	373.9	37.31	372.0	37.53	369.5	37.83
15.0		14.0	425.4	32.60	421.4	33.80	415.4	35.60	411.2	37.18	407.1	38.75	396.8	39.57	379.9	39.40	357.4	39.18
20.0		19.0	456.6	35.15	452.5	36.35	446.3	38.15	443.6	38.28	427.2	38.40	402.4	37.68	377.9	37.47	345.2	37.19
25.0		23.0	468.1	38.90	464.9	38.85	460.0	38.78	443.6	37.64	427.2	36.50	402.4	35.83	377.9	35.57	345.2	35.23
30.0		28.0	468.1	38.99	464.9	38.03	460.0	36.59	443.6	35.59	427.2	34.59	402.4	33.98	377.9	33.68	345.2	33.28
35.0		32.0	468.1	36.46	464.9	35.64	460.0	34.40	443.6	33.55	427.2	32.69	402.4	32.13	377.9	31.78	345.2	31.32
40.0		36.0	468.1	33.93	464.9	33.24	460.0	32.22	443.6	31.50	427.2	30.79	402.4	30.27	377.9	29.88	345.2	29.37
45.0		41.0	468.1	31.44	464.9	30.88	460.0	30.04	443.6	29.47	427.2	28.89	402.4	28.42	377.9	27.99	345.2	27.42
47.0		43.0	468.1	30.60	464.9	30.06	460.0	29.25	443.6	28.68	427.2	28.12	402.4	27.66	377.9	27.25	345.2	26.70
50.0		46.0	468.1	29.48	464.9	28.95	460.0	28.17	443.6	27.63	427.2	27.08	402.4	26.64	377.9	26.24	345.2	25.71
55.0		51.0	468.1	27.67	464.9	27.17	460.0	26.44	443.6	25.93	427.2	25.42	402.4	25.01	377.9	24.63	345.2	24.13
60.0		56.0	468.1	25.73	464.9	25.27	460.0	24.59	443.6	24.11	427.2	23.64	402.4	23.25	377.9	22.91	345.2	22.44
110		-21.6	-22.0	181.4	18.24	180.7	19.14	179.5	20.49	178.5	21.97	177.4	23.46	175.9	26.22	175.0	28.47	173.9
	-17.1	-17.5	210.6	20.49	209.7	21.39	208.4	22.74	207.0	24.22	205.5	25.71	203.9	28.47	202.8	30.72	201.4	33.71
	-12.6	-13.0	240.5	22.74	239.8	23.64	238.9	24.99	237.7	26.47	236.5	27.96	234.6	30.72	233.4	32.96	231.8	35.96
	-7.0	-7.6	276.1	25.44	274.7	26.34	272.8	27.69	271.2	29.17	269.5	30.66	267.3	33.41	266.0	35.66	264.2	38.66
	-4.0	-4.4	297.5	27.06	295.7	27.96	292.9	29.31	291.1	30.79	289.3	32.27	287.0	35.03	285.5	37.28	283.6	40.28
	0.0	-0.4	324.0	29.06	321.6	29.96	318.0	31.31	315.9	32.79	313.8	34.27	311.2	37.03	309.7	39.28	307.5	42.28
	5.0	4.5	357.0	31.56	353.9	32.45	349.2	33.80	346.8	35.29	344.3	36.77	339.7	38.73	334.0	39.25	326.4	39.95
	10.0	9.0	390.0	34.05	386.2	34.95	380.5	36.30	377.7	37.79	374.9	39.27	359.1	38.77	341.3	38.04	317.5	37.07
	15.0	14.0	422.3	36.50	417.9	37.40	411.2	38.75	397.4	38.66	383.5	38.57	361.0	37.54	340.6	36.35	313.4	34.76
	20.0	19.0	463.3	39.98	447.0	39.52	422.5	38.84	403.0	37.85	383.5	36.86	361.0	35.72	340.6	34.61	313.4	33.13
	25.0	23.0	463.3	39.28	447.0	38.44	422.5	37.19	403.0	36.08	383.5	34.98	361.0	33.93	340.6	32.91	313.4	31.54
	30.0	28.0	463.3	37.26	447.0	36.32	422.5	34.91	403.0	34.00	383.5	33.10	361.0	32.14	340.6	31.20	313.4	29.94
	35.0	32.0	463.3	34.43	447.0	33.71	422.5	32.63	403.0	31.92	383.5	31.21	361.0	30.35	340.6	29.49	313.4	28.35
	40.0	36.0	463.3	31.59	447.0	31.10	422.5	30.36	403.0	29.84	383.5	29.33	361.0	28.57	340.6	27.79	313.4	26.75
	45.0	41.0	463.3	28.83	447.0	28.54	422.5	28.11	403.0	27.78	383.5	27.46	361.0	26.78	340.6	26.08	313.4	25.15
	47.0	43.0	463.3	28.06	447.0	27.78	422.5	27.36	403.0	27.05	383.5	26.73	361.0	26.07	340.6	25.39	313.4	24.48
	50.0	46.0	463.3	27.03	447.0	26.76	422.5	26.36	403.0	26.05	383.5	25.74	361.0	25.11	340.6	24.45	313.4	23.58
	55.0	51.0	463.3	25.37	447.0	25.11	422.5	24.74	403.0	24.45	383.5	24.16	361.0	23.57	340.6	22.95	313.4	22.13
	60.0	56.0	463.3	23.59	447.0	23.36	422.5	23.00	403.0	22.74	383.5	22.47	361.0	21.92	340.6	21.34	313.4	20.58

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan). The System Combination Ratio must be between 50-130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahrirectory.org.

Note:

Low ambient performance with LGRED® heat technology is included in units produced after February 2019.



Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-21.6	-22.0	180.7	14.84	179.9	16.97	178.8	20.17	177.7	22.34	176.7	24.52	175.2	27.56	174.3	29.43	173.1	31.93
	-17.1	-17.5	209.7	17.86	208.9	19.62	207.6	22.27	206.1	24.47	204.7	26.68	203.0	29.77	202.0	31.58	200.6	33.99
	-12.6	-13.0	238.8	20.72	237.8	22.27	236.3	24.58	235.9	26.71	235.5	28.85	233.6	31.99	232.4	33.73	230.9	36.04
	-7.0	-7.6	273.7	24.17	272.5	25.44	270.8	27.36	269.6	29.40	268.4	31.45	266.2	34.65	264.9	36.31	263.1	38.51
	-4.0	-4.4	294.6	26.23	293.4	27.35	291.5	29.02	289.8	31.01	288.1	33.01	285.8	36.25	284.4	37.85	282.4	39.99
	0.0	-0.4	319.6	28.78	318.3	29.70	316.3	31.08	314.4	33.01	312.5	34.93	309.2	37.84	305.9	38.59	301.5	39.59
	5.0	4.5	350.7	31.97	349.3	32.64	347.1	33.65	343.3	35.49	339.4	37.34	325.9	38.28	312.7	38.16	295.0	38.00
	10.0	9.0	377.7	35.16	373.2	35.58	366.5	36.22	358.7	37.27	351.0	38.33	330.4	37.71	311.0	36.80	285.2	35.59
	15.0	14.0	407.8	38.52	399.0	38.46	385.8	38.38	368.4	38.12	351.0	37.87	330.4	35.89	311.0	34.80	285.2	33.35
	20.0	19.0	424.5	38.69	409.0	38.28	385.8	37.68	368.4	36.69	351.0	35.71	330.4	33.82	311.0	32.79	285.2	31.41
	25.0	23.0	424.5	38.73	409.0	37.14	385.8	34.77	368.4	34.18	351.0	33.59	330.4	31.79	311.0	30.81	285.2	29.50
	30.0	28.0	424.5	36.08	409.0	34.75	385.8	32.76	368.4	32.12	351.0	31.47	330.4	29.76	311.0	28.83	285.2	27.60
	35.0	32.0	424.5	33.44	409.0	32.36	385.8	30.76	368.4	30.06	351.0	29.36	330.4	27.73	311.0	26.86	285.2	25.69
	40.0	36.0	424.5	30.79	409.0	29.97	385.8	28.75	368.4	27.99	351.0	27.24	330.4	25.70	311.0	24.88	285.2	23.79
	45.0	41.0	424.5	28.21	409.0	27.63	385.8	26.76	368.4	25.96	351.0	25.16	330.4	23.71	311.0	22.95	285.2	21.92
	47.0	43.0	424.5	27.46	409.0	26.90	385.8	26.05	368.4	25.27	351.0	24.49	330.4	23.08	311.0	22.34	285.2	21.34
	50.0	46.0	424.5	26.45	409.0	25.90	385.8	25.09	368.4	24.34	351.0	23.59	330.4	22.23	311.0	21.51	285.2	20.55
	55.0	51.0	424.5	24.82	409.0	24.31	385.8	23.55	368.4	22.84	351.0	22.14	330.4	20.87	311.0	20.19	285.2	19.29
	60.0	56.0	424.5	23.08	409.0	22.61	385.8	21.90	368.4	21.24	351.0	20.59	330.4	19.40	311.0	18.78	285.2	17.94
	90	-21.6	-22.0	179.9	19.13	179.2	20.27	178.1	21.98	177.0	24.27	175.9	26.57	174.5	28.17	173.6	29.67	172.4
-17.1		-17.5	208.9	21.38	208.0	22.52	206.7	24.23	205.3	26.52	203.8	28.82	202.2	30.42	201.2	31.92	199.8	33.92
-12.6		-13.0	237.8	23.63	236.8	24.77	235.4	26.48	235.0	28.77	234.6	31.07	232.7	32.67	231.5	34.17	229.9	36.17
-7.0		-7.6	272.6	26.33	271.4	27.47	269.7	29.18	268.5	31.47	267.3	33.77	265.1	35.37	263.8	36.87	262.0	38.87
-4.0		-4.4	293.4	27.95	292.2	29.09	290.4	30.80	288.7	33.09	287.0	35.39	284.6	36.31	283.2	36.36	281.3	36.42
0.0		-0.4	318.3	29.95	317.0	31.09	315.0	32.80	312.7	34.61	310.5	36.42	298.5	36.29	285.6	36.16	268.3	35.98
5.0		4.5	352.2	32.45	347.8	33.59	341.4	35.30	331.4	35.79	321.5	36.28	302.5	35.75	284.1	34.79	259.5	33.52
10.0		9.0	384.7	35.90	371.8	36.09	352.4	36.37	336.9	36.25	321.5	36.14	302.5	34.42	284.1	32.88	259.5	30.83
15.0		14.0	389.3	36.38	374.5	36.30	352.4	36.19	336.9	35.36	321.5	34.53	302.5	32.66	284.1	31.18	259.5	29.22
20.0		19.0	389.3	36.60	374.5	35.86	352.4	34.76	336.9	33.67	321.5	32.57	302.5	30.82	284.1	29.41	259.5	27.54
25.0		23.0	389.3	34.43	374.5	33.73	352.4	32.69	336.9	31.67	321.5	30.65	302.5	29.01	284.1	27.68	259.5	25.90
30.0		28.0	389.3	32.25	374.5	31.60	352.4	30.63	336.9	29.68	321.5	28.73	302.5	27.21	284.1	25.94	259.5	24.25
35.0		32.0	389.3	30.08	374.5	29.47	352.4	28.57	336.9	27.69	321.5	26.81	302.5	25.40	284.1	24.21	259.5	22.61
40.0		36.0	389.3	27.91	374.5	27.34	352.4	26.50	336.9	25.70	321.5	24.89	302.5	23.60	284.1	22.47	259.5	20.96
45.0		41.0	389.3	25.77	374.5	25.25	352.4	24.47	336.9	23.74	321.5	23.00	302.5	21.82	284.1	20.76	259.5	19.35
47.0		43.0	389.3	25.08	374.5	24.58	352.4	23.82	336.9	23.11	321.5	22.39	302.5	21.25	284.1	20.21	259.5	18.84
50.0		46.0	389.3	24.16	374.5	23.67	352.4	22.94	336.9	22.26	321.5	21.57	302.5	20.46	284.1	19.47	259.5	18.14
55.0		51.0	389.3	22.68	374.5	22.22	352.4	21.54	336.9	20.89	321.5	20.24	302.5	19.20	284.1	18.27	259.5	17.03
60.0		56.0	389.3	21.09	374.5	20.66	352.4	20.03	336.9	19.43	321.5	18.82	302.5	17.86	284.1	16.99	259.5	15.83
80		-21.6	-22.0	179.2	19.29	178.4	20.55	177.3	22.44	176.3	23.79	175.2	25.14	173.8	28.71	172.9	30.59	171.7
	-17.1	-17.5	208.0	21.54	207.2	22.80	205.9	24.69	204.4	26.04	203.0	27.39	201.4	30.96	200.3	32.84	199.0	35.34
	-12.6	-13.0	236.8	23.79	235.9	25.05	234.4	26.94	233.2	28.29	232.0	29.64	230.9	32.30	230.8	32.23	230.8	32.13
	-7.0	-7.6	271.4	26.49	270.3	27.75	268.6	29.64	267.4	30.99	266.2	32.34	262.2	32.19	256.8	32.12	249.6	32.02
	-4.0	-4.4	292.2	28.11	291.0	29.37	289.2	31.26	287.4	31.76	285.7	32.27	269.2	32.12	254.2	32.05	234.2	31.96
	0.0	-0.4	320.0	30.74	315.7	31.37	309.1	32.30	298.5	32.24	287.9	32.18	270.0	31.84	253.9	31.34	232.5	30.68
	5.0	4.5	342.6	32.32	332.0	32.27	316.1	32.21	302.0	32.14	287.9	32.08	270.0	30.65	253.9	29.72	232.5	28.48
	10.0	9.0	348.2	32.21	335.4	32.17	316.1	32.11	302.0	31.62	287.9	31.14	270.0	29.12	253.9	28.22	232.5	27.01
	15.0	14.0	348.2	32.22	335.4	32.07	316.1	31.83	302.0	30.66	287.9	29.49	270.0	27.63	253.9	26.75	232.5	25.58
	20.0	19.0	348.2	31.35	335.4	30.80	316.1	29.97	302.0	28.88	287.9	27.78	270.0	26.07	253.9	25.22	232.5	24.09
	25.0	23.0	348.2	29.46	335.4	28.93	316.1	28.15	302.0	27.12	287.9	26.10	270.0	24.54	253.9	23.72	232.5	22.63
	30.0	28.0	348.2	27.56	335.4	27.07	316.1	26.32	302.0	25.37	287.9	24.42	270.0	23.01	253.9	22.22	232.5	21.16
	35.0	32.0	348.2	25.67	335.4	25.20	316.1	24.50	302.0	23.62	287.9	22.75	270.0	21.48	253.9	20.72	232.5	19.70
	40.0	36.0	348.2	23.78	335.4	23.34	316.1	22.67	302.0	21.87	287.9	21.07	270.0	19.96	253.9	19.22	232.5	18.24
	45.0	41.0	348.2	21.92	335.4	21.51	316.1	20.88	302.0	20.15	287.9	19.42	270.0	18.45	253.9	17.75	232.5	16.80
	47.0	43.0	348.2	21.34	335.4	20.94	316.1	20.33	302.0	19.62	287.9	18.91	270.0	17.96	253.9	17.28	232.5	16.36
	50.0	46.0	348.2	20.55	335.4	20.16	316.1	19.58	302.0	18.89	287.9	18.21	270.0	17.30	253.9	16.64	232.5	15.75
	55.0	51.0	348.2	19.29	335.4	18.93	316.1	18.38	302.0	17.73	287.9	17.09	270.0	16.24	253.9	15.62	232.5	14.79
	60.0	56.0	348.2	17.94	335.4	17.60	316.1	17.09	302.0	16.49	287.9	15.89	270.0	15.10	253.9	14.52	232.5	13.75

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50-130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA



ARUM312BTE5 / ARUM312DTE5

312,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-21.6	-22.0	178.1	20.67	177.4	21.27	176.3	22.17	175.2	24.42	174.2	26.67	172.8	29.79	171.9	31.67	170.7	34.17
	-17.1	-17.5	206.8	22.92	205.9	23.52	204.6	24.42	203.2	26.67	201.8	28.92	200.2	31.14	199.2	31.08	197.8	31.00
	-12.6	-13.0	235.5	25.17	234.5	25.77	233.0	26.67	231.8	28.92	230.7	31.17	226.2	31.06	219.0	31.01	209.4	30.94
	-7.0	-7.6	268.9	27.87	268.7	28.47	268.5	29.37	256.3	30.21	244.0	31.06	230.6	30.96	217.4	30.92	199.7	30.87
	-4.0	-4.4	292.4	29.49	282.8	30.09	268.5	30.99	256.3	30.99	244.0	30.99	230.6	30.90	217.4	30.87	199.7	30.83
	0.0	-0.4	295.0	31.16	284.4	31.10	268.5	31.01	256.3	30.96	244.0	30.91	230.6	30.06	217.4	29.56	199.7	28.89
	5.0	4.5	295.0	30.98	284.4	30.90	268.5	30.79	256.3	30.32	244.0	29.85	230.6	28.46	217.4	27.92	199.7	27.21
	10.0	9.0	295.0	30.80	284.4	30.70	268.5	30.57	256.3	29.38	244.0	28.19	230.6	26.86	217.4	26.29	199.7	25.53
	15.0	14.0	295.0	31.20	284.4	30.32	268.5	29.01	256.3	27.78	244.0	26.56	230.6	25.29	217.4	24.69	199.7	23.89
	20.0	19.0	295.0	29.16	284.4	28.35	268.5	27.13	256.3	26.00	244.0	24.86	230.6	23.66	217.4	23.02	199.7	22.17
	25.0	23.0	295.0	27.16	284.4	26.41	268.5	25.29	256.3	24.24	244.0	23.20	230.6	22.06	217.4	21.39	199.7	20.50
	30.0	28.0	295.0	25.17	284.4	24.48	268.5	23.45	256.3	22.49	244.0	21.53	230.6	20.46	217.4	19.76	199.7	18.82
	35.0	32.0	295.0	23.17	284.4	22.54	268.5	21.61	256.3	20.74	244.0	19.87	230.6	18.86	217.4	18.12	199.7	17.14
	40.0	36.0	295.0	21.17	284.4	20.61	268.5	19.76	256.3	18.98	244.0	18.21	230.6	17.27	217.4	16.49	199.7	15.46
	45.0	41.0	295.0	19.23	284.4	18.73	268.5	17.97	256.3	17.28	244.0	16.59	230.6	15.71	217.4	14.91	199.7	13.84
	47.0	43.0	295.0	18.72	284.4	18.23	268.5	17.50	256.3	16.82	244.0	16.15	230.6	15.29	217.4	14.51	199.7	13.47
	50.0	46.0	295.0	18.03	284.4	17.56	268.5	16.85	256.3	16.20	244.0	15.55	230.6	14.73	217.4	13.98	199.7	12.98
	55.0	51.0	295.0	16.92	284.4	16.48	268.5	15.82	256.3	15.21	244.0	14.60	230.6	13.83	217.4	13.12	199.7	12.18
	60.0	56.0	295.0	15.74	284.4	15.32	268.5	14.71	256.3	14.14	244.0	13.57	230.6	12.86	217.4	12.20	199.7	11.33
	60	-21.6	-22.0	164.9	19.05	164.2	19.65	163.2	20.55	162.2	22.80	161.2	25.05	159.9	28.17	159.1	30.05	158.0
-17.1		-17.5	191.4	21.30	190.6	21.90	189.4	22.80	188.1	25.05	186.8	27.30	185.0	29.51	183.5	29.44	181.4	29.34
-12.6		-13.0	218.5	23.55	217.1	24.15	214.9	25.05	212.1	27.30	209.3	29.55	197.1	29.42	186.2	29.35	171.8	29.26
-7.0		-7.6	252.6	26.25	244.0	26.85	231.0	27.75	220.2	28.58	209.3	29.41	197.1	29.31	186.2	29.25	171.8	29.17
-4.0		-4.4	252.6	27.87	244.0	28.47	231.0	29.37	220.2	29.34	209.3	29.32	197.1	28.87	186.2	28.01	171.8	26.85
0.0		-0.4	252.6	29.54	244.0	29.51	231.0	29.45	220.2	29.06	209.3	28.67	197.1	27.66	186.2	26.71	171.8	25.46
5.0		4.5	252.6	29.44	244.0	29.39	231.0	29.33	220.2	28.20	209.3	27.07	197.1	26.05	186.2	25.13	171.8	23.89
10.0		9.0	252.6	29.94	244.0	29.28	231.0	28.29	220.2	26.88	209.3	25.46	197.1	24.45	186.2	23.54	171.8	22.33
15.0		14.0	252.6	28.55	244.0	27.73	231.0	26.50	220.2	25.19	209.3	23.88	197.1	22.88	186.2	21.99	171.8	20.79
20.0		19.0	252.6	26.63	244.0	25.83	231.0	24.64	220.2	23.44	209.3	22.24	197.1	21.25	186.2	20.37	171.8	19.20
25.0		23.0	252.6	24.76	244.0	23.98	231.0	22.81	220.2	21.72	209.3	20.64	197.1	19.65	186.2	18.79	171.8	17.63
30.0		28.0	252.6	22.88	244.0	22.12	231.0	20.98	220.2	20.00	209.3	19.03	197.1	18.05	186.2	17.20	171.8	16.07
35.0		32.0	252.6	21.01	244.0	20.26	231.0	19.15	220.2	18.29	209.3	17.42	197.1	16.45	186.2	15.61	171.8	14.50
40.0		36.0	252.6	19.13	244.0	18.41	231.0	17.32	220.2	16.57	209.3	15.81	197.1	14.85	186.2	14.03	171.8	12.94
45.0		41.0	252.6	17.31	244.0	16.61	231.0	15.56	220.2	14.91	209.3	14.26	197.1	13.30	186.2	12.50	171.8	11.44
47.0		43.0	252.6	16.85	244.0	16.17	231.0	15.15	220.2	14.51	209.3	13.88	197.1	12.95	186.2	12.17	171.8	11.13
50.0		46.0	252.6	16.23	244.0	15.57	231.0	14.59	220.2	13.98	209.3	13.37	197.1	12.47	186.2	11.72	171.8	10.72
55.0		51.0	252.6	15.24	244.0	14.62	231.0	13.69	220.2	13.12	209.3	12.55	197.1	11.71	186.2	11.00	171.8	10.07
60.0		56.0	252.6	14.17	244.0	13.59	231.0	12.73	220.2	12.20	209.3	11.67	197.1	10.89	186.2	10.23	171.8	9.36
50		-21.6	-22.0	152.7	16.35	152.0	16.95	151.1	17.85	150.2	20.09	149.3	22.34	147.3	25.47	144.8	27.34	141.5
	-17.1	-17.5	177.2	18.59	176.5	19.19	175.4	20.09	171.9	22.34	168.4	24.59	162.1	26.79	155.7	26.69	147.1	26.55
	-12.6	-13.0	211.3	20.84	203.6	21.44	192.0	22.34	183.4	24.59	174.7	26.84	164.4	26.67	154.8	26.56	142.0	26.40
	-7.0	-7.6	211.3	23.54	203.6	24.14	192.0	25.04	183.4	25.87	174.7	26.69	164.4	26.00	154.8	24.73	142.0	23.03
	-4.0	-4.4	211.3	25.16	203.6	25.76	192.0	26.66	183.4	26.63	174.7	26.60	164.4	25.05	154.8	23.82	142.0	22.18
	0.0	-0.4	211.3	26.87	203.6	26.79	192.0	26.68	183.4	26.07	174.7	25.45	164.4	23.89	154.8	22.71	142.0	21.13
	5.0	4.5	211.3	27.37	203.6	26.65	192.0	25.59	183.4	24.74	174.7	23.89	164.4	22.43	154.8	21.31	142.0	19.82
	10.0	9.0	211.3	26.79	203.6	25.65	192.0	23.95	183.4	23.14	174.7	22.33	164.4	20.97	154.8	19.92	142.0	18.51
	15.0	14.0	211.3	24.98	203.6	23.93	192.0	22.34	183.4	21.57	174.7	20.81	164.4	19.55	154.8	18.55	142.0	17.22
	20.0	19.0	211.3	23.10	203.6	22.13	192.0	20.67	183.4	19.94	174.7	19.21	164.4	18.06	154.8	17.13	142.0	15.89
	25.0	23.0	211.3	21.26	203.6	20.37	192.0	19.03	183.4	18.34	174.7	17.66	164.4	16.60	154.8	15.73	142.0	14.58
	30.0	28.0	211.3	19.42	203.6	18.61	192.0	17.40	183.4	16.75	174.7	16.10	164.4	15.15	154.8	14.34	142.0	13.26
	35.0	32.0	211.3	17.58	203.6	16.85	192.0	15.76	183.4	15.15	174.7	14.54	164.4	13.69	154.8	12.94	142.0	11.95
	40.0	36.0	211.3	15.74	203.6	15.09	192.0	14.12	183.4	13.55	174.7	12.98	164.4	12.23	154.8	11.55	142.0	10.64
	45.0	41.0	211.3	13.97	203.6	13.40	192.0	12.55	183.4	12.01	174.7	11.48	164.4	10.83	154.8	10.21	142.0	9.38
	47.0	43.0	211.3	13.60	203.6	13.04	192.0	12.21	183.4	11.70	174.7	11.18	164.4	10.55	154.8	9.94	142.0	9.13
	50.0	46.0	211.3	13.10	203.6	12.56	192.0	11.76	183.4	11.26	174.7	10.76	164.4	10.16	154.8	9.58	142.0	8.80
	55.0	51.0	211.3	12.29	203.6	11.79	192.0	11.04	183.4	10.57	174.7	10.10	164.4	9.53	154.8	8.99	142.0	8.26
	60.0	56.0	211.3	11.43	203.6	10.97	192.0	10.27	183.4	9.83	174.7	9.40	164.4	8.87	154.8	8.36	142.0	7.68

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahrirectory.org.

Note:

Low ambient performance with LGRED® heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA

ARUM336BTE5 / ARUM336DTE5

336,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB																
			59		61		64		67		70		73		76		80		
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	
130	-21.6	-22.0	197.8	12.81	197.0	14.57	195.8	17.22	194.6	19.72	193.4	19.4	22.23	191.9	25.44	190.9	27.26	189.6	29.68
	-17.1	-17.5	229.7	15.44	228.7	17.16	227.3	19.75	225.7	22.17	224.1	24.59	222.3	27.53	221.2	29.15	219.7	31.31	31.31
	-12.6	-13.0	271.2	18.06	268.2	19.75	263.8	22.28	260.8	24.61	257.9	26.94	255.8	29.62	254.5	31.04	252.8	32.93	32.93
	-7.0	-7.6	309.0	21.22	305.6	22.86	300.6	25.32	297.3	27.55	293.9	29.78	291.5	32.13	290.1	33.31	288.1	34.88	34.88
	-4.0	-4.4	331.7	23.11	328.1	24.72	322.7	27.14	319.1	29.31	315.5	31.47	313.0	33.63	311.4	34.67	309.2	36.05	36.05
	0.0	-0.4	359.7	25.44	355.8	27.02	349.9	29.39	346.1	31.48	342.2	33.57	339.4	35.49	337.7	36.35	335.4	37.49	37.49
	5.0	4.5	394.8	28.36	390.5	29.90	384.0	32.20	379.8	34.20	375.5	36.19	372.5	37.82	370.6	38.45	368.0	39.30	39.30
	10.0	9.0	429.8	31.28	425.1	32.78	418.1	35.02	413.5	36.92	408.9	38.81	405.5	40.14	403.5	40.55	400.7	41.10	41.10
	15.0	14.0	464.2	34.15	459.1	35.60	451.5	37.77	446.5	39.58	441.5	41.38	437.9	42.29	435.7	42.21	432.7	42.11	42.11
	20.0	19.0	497.0	37.12	492.7	38.53	486.3	40.64	480.5	41.38	474.7	42.12	459.8	41.28	433.9	40.41	399.5	39.25	39.25
	25.0	23.0	504.1	40.85	504.7	41.41	505.6	42.24	498.2	41.67	490.7	41.10	460.8	39.33	433.6	38.48	397.2	37.33	37.33
	30.0	28.0	504.7	42.33	504.7	42.20	504.7	42.02	497.7	40.53	490.7	39.05	460.8	37.38	433.6	36.54	397.2	35.42	35.42
	35.0	32.0	504.7	43.17	504.7	42.02	504.7	40.29	497.7	38.64	490.7	36.99	460.8	35.43	433.6	34.61	397.2	33.50	33.50
	40.0	36.0	504.7	41.40	504.7	39.87	504.7	37.56	497.7	36.25	490.7	34.94	460.8	33.48	433.6	32.67	397.2	31.58	31.58
	45.0	41.0	504.7	36.81	504.7	36.03	504.7	34.87	497.7	33.87	490.7	32.87	460.8	31.52	433.6	30.72	397.2	29.66	29.66
	47.0	43.0	504.7	35.83	504.7	35.08	504.7	33.94	497.7	32.97	490.7	32.00	460.8	30.69	433.6	29.91	397.2	28.87	28.87
	50.0	46.0	504.7	34.51	504.7	33.78	504.7	32.69	497.7	31.76	490.7	30.82	460.8	29.55	433.6	28.81	397.2	27.81	27.81
	55.0	51.0	504.7	32.39	504.7	31.71	504.7	30.69	497.7	29.81	490.7	28.93	460.8	27.74	433.6	27.04	397.2	26.10	26.10
	60.0	56.0	504.7	30.12	504.7	29.49	504.7	28.54	497.7	27.72	490.7	26.90	460.8	25.80	433.6	25.14	397.2	24.27	24.27
120	-21.6	-22.0	196.4	15.78	195.6	17.10	194.4	19.08	193.2	20.81	192.1	22.54	190.5	23.65	189.5	23.90	188.2	24.23	24.23
	-17.1	-17.5	228.0	18.25	227.1	19.57	225.7	21.55	224.1	23.29	222.5	25.02	220.7	26.13	219.6	26.37	218.1	26.70	26.70
	-12.6	-13.0	264.2	20.73	262.5	22.05	260.0	24.03	258.1	25.76	256.1	27.50	254.0	28.60	252.7	28.85	251.0	29.18	29.18
	-7.0	-7.6	305.0	23.70	302.1	25.02	297.8	27.00	294.8	28.73	291.8	30.47	289.5	31.57	288.0	31.82	286.0	32.15	32.15
	-4.0	-4.4	327.4	25.48	324.3	26.80	319.7	28.78	316.5	30.52	313.3	32.25	310.7	33.35	309.2	33.60	307.0	33.93	33.93
	0.0	-0.4	355.1	27.68	351.7	29.00	346.7	30.98	343.2	32.72	339.8	34.45	337.0	35.56	335.3	35.80	333.0	36.13	36.13
	5.0	4.5	389.7	30.43	386.0	31.75	380.5	33.73	376.7	35.47	372.9	37.20	369.8	38.31	367.9	38.55	365.4	38.88	38.88
	10.0	9.0	424.3	33.18	420.2	34.50	414.2	36.49	410.1	38.22	406.0	39.95	402.7	41.06	400.6	41.30	397.9	41.63	41.63
	15.0	14.0	458.2	35.88	453.8	37.20	447.3	39.18	442.9	40.91	438.4	42.65	433.4	43.55	409.2	43.36	384.9	43.11	43.11
	20.0	19.0	491.8	38.69	487.3	40.01	480.7	41.99	470.3	42.12	460.0	42.26	443.4	41.47	407.0	41.23	371.7	40.92	40.92
	25.0	23.0	504.1	42.81	500.6	42.76	495.4	42.67	477.7	41.42	460.0	40.16	433.4	39.43	407.0	39.15	371.7	38.77	38.77
	30.0	28.0	504.1	42.90	500.6	41.85	495.4	40.27	477.7	39.17	460.0	38.07	433.4	37.39	407.0	37.06	371.7	36.62	36.62
	35.0	32.0	504.1	40.12	500.6	39.22	495.4	37.86	477.7	36.92	460.0	35.98	433.4	35.35	407.0	34.97	371.7	34.47	34.47
	40.0	36.0	504.1	37.34	500.6	36.58	495.4	35.45	477.7	34.67	460.0	33.88	433.4	33.31	407.0	32.89	371.7	32.32	32.32
	45.0	41.0	504.1	34.60	500.6	33.98	495.4	33.06	477.7	32.43	460.0	31.79	433.4	31.27	407.0	30.80	371.7	30.18	30.18
	47.0	43.0	504.1	33.68	500.6	33.08	495.4	32.18	477.7	31.57	460.0	30.95	433.4	30.44	407.0	29.99	371.7	29.38	29.38
	50.0	46.0	504.1	32.44	500.6	31.86	495.4	31.00	477.7	30.40	460.0	29.81	433.4	29.32	407.0	28.88	371.7	28.29	28.29
	55.0	51.0	504.1	30.44	500.6	29.90	495.4	29.09	477.7	28.53	460.0	27.98	433.4	27.52	407.0	27.11	371.7	26.56	26.56
	60.0	56.0	504.1	28.31	500.6	27.81	495.4	27.06	477.7	26.54	460.0	26.02	433.4	25.59	407.0	25.21	371.7	24.70	24.70
110	-21.6	-22.0	195.4	20.07	194.6	21.06	193.3	22.54	192.2	24.18	191.0	25.81	189.5	28.85	188.5	31.32	187.2	34.63	34.63
	-17.1	-17.5	226.8	22.54	225.9	23.54	224.4	25.02	222.9	26.65	221.3	28.29	219.5	31.32	218.4	33.80	216.9	37.10	37.10
	-12.6	-13.0	259.0	25.02	258.3	26.01	257.2	27.50	256.0	29.13	254.7	30.76	252.6	33.80	251.4	36.28	249.6	39.58	39.58
	-7.0	-7.6	297.3	27.99	295.9	28.98	293.8	30.47	292.0	32.10	290.3	33.73	287.9	36.77	286.4	39.25	284.5	42.55	42.55
	-4.0	-4.4	320.4	29.77	318.4	30.76	315.5	32.25	313.5	33.88	311.6	35.52	309.1	38.55	307.5	41.03	305.4	44.33	44.33
	0.0	-0.4	348.9	31.97	346.3	32.96	342.4	34.45	340.2	36.08	337.9	37.72	335.2	40.75	333.5	43.23	331.2	46.53	46.53
	5.0	4.5	384.4	34.72	381.1	35.71	376.1	37.20	373.5	38.83	370.8	40.47	365.8	42.62	359.7	43.20	351.5	43.97	43.97
	10.0	9.0	420.0	37.48	415.9	38.47	409.8	39.95	406.8	41.58	403.8	43.22	386.8	42.66	367.5	41.86	341.9	40.79	40.79
	15.0	14.0	454.8	40.17	450.0	41.16	442.8	42.65	427.9	42.55	413.0	42.44	388.8	41.31	366.8	40.00	337.5	38.25	38.25
	20.0	19.0	499.0	44.00	481.4	43.49	455.0	42.74	434.0	41.65	413.0	40.56	388.8	39.31	366.8	38.09	337.5	36.46	36.46
	25.0	23.0	499.0	43.23	481.4	42.31	455.0	40.92	434.0	39.71	413.0	38.49	388.8	37.34	366.8	36.21	337.5	34.71	34.71
	30.0	28.0	499.0	41.01	481.4	39.97	455.0	38.42	434.0	37.42	413.0	36.42	388.8	35.37	366.8	34.33	337.5	32.95	32.95
	35.0	32.0	499.0	37.88	481.4	37.09	455.0	35.91	434.0	35.13	413.0	34.35	388.8	33.40	366.8	32.46	337.5	31.20	31.20
	40.0	36.0	499.0	34.76	481.4	34.22	455.0	33.40	434.0	32.84	413.0	32.28	388.8	31.44	366.8	30.58	337.5	29.44	29.44
	45.0	41.0	499.0	31.72	481.4	31.41	455.0	30.93	434.0	30.57	413.0	30.22	388.8	29.47	366.8	28.70	337.5	27.68	27.68
	47.0	43.0	499.0	30.88	481.4	30.57	455.0	30.11	434.0	29.76	413.0	29.41	388.8	28.69	366.8	27.94	337.5	26.94	26.94
	50.0	46.0	499.0	29.74	481.4	29.45	455.0	29.00	434.0	28.67	413.0	28.33	388.8	27.63	366.8	26.91	337.5	25.95	25.95
	55.0	51.0	499.0	27.91	481.4	27.64	455.0	27.22	434.0	26.91	413.0	26.59	388.8	25.93	366.8	25.26	337.5	24.36	24.36
	60.0	56.0	499.0	25.96	481.4	25.70	455.0	25.32	434.0	25.02	413.0	24.73	388.8	24.12	366.8	23.49	337.5	22.65	22.65

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50-130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahrirectory.org.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



Due to our policy of continuous product innovation, some specifications may change without notification.
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HEATING CAPACITY DATA



ARUM336BTE5 / ARUM336DTE5

336,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-21.6	-22.0	194.6	16.33	193.8	18.68	192.5	22.20	191.4	24.59	190.2	26.98	188.7	30.32	187.7	32.39	186.5	35.14
	-17.1	-17.5	225.9	19.65	224.9	21.59	223.5	24.50	222.0	26.93	220.4	29.36	218.6	32.76	217.5	34.75	216.0	37.40
	-12.6	-13.0	257.2	22.81	256.1	24.50	254.5	27.05	254.1	29.40	253.7	31.75	251.6	35.20	250.3	37.12	248.6	39.66
	-7.0	-7.6	294.7	26.59	293.5	28.00	291.7	30.11	290.4	32.36	289.1	34.61	286.7	38.13	285.3	39.95	283.3	42.38
	-4.0	-4.4	317.3	28.87	315.9	30.10	314.0	31.94	312.1	34.13	310.3	36.32	307.8	39.89	306.2	41.65	304.1	44.01
	0.0	-0.4	344.2	31.67	342.7	32.68	340.6	34.20	338.6	36.32	336.5	38.44	333.0	41.64	329.4	42.47	324.7	43.56
	5.0	4.5	377.7	35.18	376.1	35.92	373.8	37.03	369.7	39.06	365.5	41.09	350.9	42.13	336.7	41.99	317.7	41.82
	10.0	9.0	406.8	38.69	401.9	39.16	394.7	39.86	386.3	41.02	378.0	42.18	355.8	41.49	335.0	40.49	307.2	39.16
	15.0	14.0	439.1	42.39	429.7	42.33	415.5	42.23	396.7	41.95	378.0	41.67	355.8	39.49	335.0	38.30	307.2	36.70
	20.0	19.0	457.1	42.57	440.5	42.13	415.5	41.46	396.7	40.38	378.0	39.30	355.8	37.22	335.0	36.08	307.2	34.56
	25.0	23.0	457.1	42.62	440.5	40.87	415.5	38.26	396.7	37.61	378.0	36.97	355.8	34.98	335.0	33.90	307.2	32.47
	30.0	28.0	457.1	39.71	440.5	38.24	415.5	36.05	396.7	35.34	378.0	34.64	355.8	32.75	335.0	31.73	307.2	30.37
	35.0	32.0	457.1	36.79	440.5	35.61	415.5	33.85	396.7	33.08	378.0	32.31	355.8	30.52	335.0	29.56	307.2	28.28
	40.0	36.0	457.1	33.88	440.5	32.99	415.5	31.64	396.7	30.81	378.0	29.98	355.8	28.29	335.0	27.38	307.2	26.18
	45.0	41.0	457.1	31.04	440.5	30.40	415.5	29.45	396.7	28.57	378.0	27.68	355.8	26.09	335.0	25.25	307.2	24.12
	47.0	43.0	457.1	30.22	440.5	29.60	415.5	28.67	396.7	27.81	378.0	26.95	355.8	25.40	335.0	24.58	307.2	23.48
50.0	46.0	457.1	29.10	440.5	28.51	415.5	27.61	396.7	26.78	378.0	25.96	355.8	24.46	335.0	23.67	307.2	22.62	
55.0	51.0	457.1	27.32	440.5	26.76	415.5	25.92	396.7	25.14	378.0	24.36	355.8	22.96	335.0	22.22	307.2	21.23	
60.0	56.0	457.1	25.40	440.5	24.88	415.5	24.10	396.7	23.38	378.0	22.66	355.8	21.35	335.0	20.66	307.2	19.74	
90	-21.6	-22.0	193.8	21.05	193.0	22.31	191.8	24.19	190.6	26.71	189.5	29.24	187.9	31.00	187.0	32.65	185.7	34.85
	-17.1	-17.5	224.9	23.53	224.0	24.78	222.6	26.66	221.1	29.19	219.5	31.71	217.7	33.47	216.6	35.12	215.2	37.32
	-12.6	-13.0	256.1	26.00	255.0	27.26	253.5	29.14	253.0	31.66	252.6	34.19	250.6	35.95	249.3	37.60	247.6	39.80
	-7.0	-7.6	293.5	28.97	292.3	30.23	290.5	32.11	289.2	34.63	287.9	37.16	285.5	38.92	284.1	40.57	282.2	42.77
	-4.0	-4.4	316.0	30.76	314.7	32.01	312.7	33.89	310.9	36.42	309.0	38.94	306.5	39.96	305.0	40.01	302.9	40.08
	0.0	-0.4	342.8	32.96	341.3	34.21	339.2	36.09	336.8	38.08	334.4	40.07	321.5	39.94	307.5	39.79	288.9	39.60
	5.0	4.5	379.2	35.71	374.6	36.96	367.6	38.84	356.9	39.38	346.2	39.92	325.8	39.34	305.9	38.29	279.5	36.88
	10.0	9.0	414.3	39.50	400.4	39.71	379.5	40.02	362.9	39.90	346.2	39.77	325.8	37.88	305.9	36.19	279.5	33.92
	15.0	14.0	419.2	40.03	403.3	39.95	379.5	39.82	362.9	38.91	346.2	38.00	325.8	35.94	305.9	34.31	279.5	32.15
	20.0	19.0	419.2	40.28	403.3	39.47	379.5	38.25	362.9	37.05	346.2	35.84	325.8	33.91	305.9	32.37	279.5	30.31
	25.0	23.0	419.2	37.89	403.3	37.12	379.5	35.98	362.9	34.85	346.2	33.73	325.8	31.93	305.9	30.46	279.5	28.50
	30.0	28.0	419.2	35.49	403.3	34.78	379.5	33.71	362.9	32.66	346.2	31.62	325.8	29.94	305.9	28.55	279.5	26.69
	35.0	32.0	419.2	33.10	403.3	32.43	379.5	31.43	362.9	30.47	346.2	29.50	325.8	27.96	305.9	26.64	279.5	24.88
	40.0	36.0	419.2	30.71	403.3	30.09	379.5	29.16	362.9	28.28	346.2	27.39	325.8	25.97	305.9	24.73	279.5	23.07
	45.0	41.0	419.2	28.36	403.3	27.79	379.5	26.93	362.9	26.12	346.2	25.31	325.8	24.02	305.9	22.85	279.5	21.29
	47.0	43.0	419.2	27.60	403.3	27.05	379.5	26.22	362.9	25.43	346.2	24.64	325.8	23.38	305.9	22.24	279.5	20.73
50.0	46.0	419.2	26.59	403.3	26.05	379.5	25.25	362.9	24.49	346.2	23.73	325.8	22.52	305.9	21.42	279.5	19.96	
55.0	51.0	419.2	24.95	403.3	24.45	379.5	23.70	362.9	22.99	346.2	22.28	325.8	21.13	305.9	20.11	279.5	18.74	
60.0	56.0	419.2	23.21	403.3	22.74	379.5	22.04	362.9	21.38	346.2	20.72	325.8	19.65	305.9	18.70	279.5	17.43	
80	-21.6	-22.0	193.0	21.23	192.2	22.61	191.0	24.69	189.8	26.18	188.7	27.66	187.2	31.60	186.2	33.66	184.9	36.41
	-17.1	-17.5	224.0	23.70	223.1	25.09	221.7	27.17	220.2	28.65	218.6	30.14	216.9	34.07	215.7	36.13	214.3	38.88
	-12.6	-13.0	255.1	26.18	254.0	27.56	252.4	29.64	251.2	31.13	249.9	32.61	248.6	35.55	248.6	35.46	248.6	35.35
	-7.0	-7.6	292.3	29.15	291.1	30.53	289.3	32.61	288.0	34.10	286.7	35.58	282.3	35.42	276.5	35.34	268.8	35.24
	-4.0	-4.4	314.7	30.93	313.4	32.32	311.4	34.40	309.6	34.95	307.7	35.51	289.9	35.35	273.8	35.27	252.2	35.17
	0.0	-0.4	344.7	33.83	339.9	34.52	332.9	35.55	321.4	35.48	310.0	35.42	290.8	35.04	273.5	34.49	250.4	33.76
	5.0	4.5	369.0	35.56	357.5	35.51	340.4	35.44	325.2	35.37	310.0	35.30	290.8	33.73	273.5	32.70	250.4	31.34
	10.0	9.0	375.0	35.44	361.2	35.40	340.4	35.34	325.2	34.80	310.0	34.26	290.8	32.05	273.5	31.05	250.4	29.73
	15.0	14.0	375.0	35.46	361.2	35.29	340.4	35.03	325.2	33.74	310.0	32.45	290.8	30.40	273.5	29.44	250.4	28.15
	20.0	19.0	375.0	34.50	361.2	33.89	340.4	32.98	325.2	31.78	310.0	30.57	290.8	28.69	273.5	27.75	250.4	26.51
	25.0	23.0	375.0	32.42	361.2	31.84	340.4	30.97	325.2	29.85	310.0	28.72	290.8	27.01	273.5	26.10	250.4	24.90
	30.0	28.0	375.0	30.33	361.2	29.79	340.4	28.96	325.2	27.92	310.0	26.88	290.8	25.32	273.5	24.45	250.4	23.29
	35.0	32.0	375.0	28.25	361.2	27.73	340.4	26.96	325.2	25.99	310.0	25.03	290.8	23.64	273.5	22.80	250.4	21.68
	40.0	36.0	375.0	26.17	361.2	25.68	340.4	24.95	325.2	24.07	310.0	23.18	290.8	21.96	273.5	21.15	250.4	20.07
	45.0	41.0	375.0	24.12	361.2	23.67	340.4	22.98	325.2	22.18	310.0	21.37	290.8	20.31	273.5	19.53	250.4	18.49
	47.0	43.0	375.0	23.48	361.2	23.04	340.4	22.37	325.2	21.59	310.0	20.81	290.8	19.77	273.5	19.01	250.4	18.00
50.0	46.0	375.0	22.62	361.2	22.19	340.4	21.54	325.2	20.79	310.0	20.04	290.8	19.04	273.5	18.31	250.4	17.34	
55.0	51.0	375.0	21.23	361.2	20.83	340.4	20.22	325.2	19.51	310.0	18.81	290.8	17.87	273.5	17.19	250.4	16.27	
60.0	56.0	375.0	19.74	361.2	19.37	340.4	18.80	325.2	18.15	310.0	17.49	290.8	16.62	273.5	15.98	250.4	15.13	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan). The System Combination Ratio must be between 50-130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahrirectory.org.

Note:

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-21.6	-22.0	191.8	22.75	191.0	23.41	189.8	24.40	188.7	26.87	187.6	29.35	186.1	32.79	185.1	34.85	183.8	37.60
	-17.1	-17.5	222.7	25.22	221.8	25.88	220.4	26.87	218.9	29.35	217.3	31.82	215.6	34.27	214.5	34.20	213.0	34.11
	-12.6	-13.0	253.6	27.70	252.5	28.36	250.9	29.35	249.7	31.82	248.4	34.30	243.6	34.18	235.8	34.12	225.5	34.05
	-7.0	-7.6	289.5	30.67	289.4	31.33	289.2	32.32	276.0	33.25	262.8	34.18	248.3	34.07	234.1	34.03	215.1	33.97
	-4.0	-4.4	314.9	32.45	304.6	33.11	289.2	34.10	276.0	34.10	262.8	34.11	248.3	34.01	234.1	33.97	215.1	33.93
	0.0	-0.4	317.7	34.29	306.3	34.22	289.2	34.12	276.0	34.07	262.8	34.02	248.3	33.08	234.1	32.53	215.1	31.79
	5.0	4.5	317.7	34.09	306.3	34.00	289.2	33.88	276.0	33.37	262.8	32.85	248.3	31.32	234.1	30.73	215.1	29.95
	10.0	9.0	317.7	33.89	306.3	33.79	289.2	33.64	276.0	32.33	262.8	31.02	248.3	29.56	234.1	28.93	215.1	28.10
	15.0	14.0	317.7	34.34	306.3	33.37	289.2	31.92	276.0	30.58	262.8	29.23	248.3	27.83	234.1	27.17	215.1	26.29
	20.0	19.0	317.7	32.09	306.3	31.20	289.2	29.86	276.0	28.61	262.8	27.36	248.3	26.04	234.1	25.34	215.1	24.40
	25.0	23.0	317.7	29.89	306.3	29.07	289.2	27.83	276.0	26.68	262.8	25.53	248.3	24.28	234.1	23.54	215.1	22.55
	30.0	28.0	317.7	27.69	306.3	26.94	289.2	25.80	276.0	24.75	262.8	23.70	248.3	22.52	234.1	21.74	215.1	20.71
	35.0	32.0	317.7	25.49	306.3	24.81	289.2	23.78	276.0	22.82	262.8	21.87	248.3	20.76	234.1	19.94	215.1	18.86
	40.0	36.0	317.7	23.29	306.3	22.68	289.2	21.75	276.0	20.89	262.8	20.03	248.3	19.00	234.1	18.15	215.1	17.01
	45.0	41.0	317.7	21.16	306.3	20.61	289.2	19.78	276.0	19.02	262.8	18.25	248.3	17.29	234.1	16.41	215.1	15.23
	47.0	43.0	317.7	20.60	306.3	20.06	289.2	19.26	276.0	18.51	262.8	17.77	248.3	16.83	234.1	15.97	215.1	14.83
	50.0	46.0	317.7	19.84	306.3	19.32	289.2	18.54	276.0	17.83	262.8	17.11	248.3	16.21	234.1	15.38	215.1	14.28
	55.0	51.0	317.7	18.62	306.3	18.13	289.2	17.41	276.0	16.73	262.8	16.06	248.3	15.21	234.1	14.44	215.1	13.40
	60.0	56.0	317.7	17.32	306.3	16.86	289.2	16.19	276.0	15.56	262.8	14.94	248.3	14.15	234.1	13.43	215.1	12.46
	60	-21.6	-22.0	177.6	20.96	176.9	21.62	175.7	22.61	174.7	25.09	173.6	27.56	172.2	31.00	171.4	33.06	170.2
-17.1		-17.5	206.2	23.44	205.3	24.10	204.0	25.09	202.6	27.56	201.2	30.04	199.3	32.48	197.6	32.40	195.4	32.29
-12.6		-13.0	235.3	25.91	233.8	26.57	231.4	27.56	228.4	30.04	225.4	32.51	212.2	32.38	200.6	32.30	185.0	32.20
-7.0		-7.6	272.1	28.88	262.8	29.54	248.8	30.53	237.1	31.45	225.4	32.36	212.2	32.26	200.6	32.19	185.0	32.10
-4.0		-4.4	272.1	30.67	262.8	31.33	248.8	32.32	237.1	32.29	225.4	32.27	212.2	31.77	200.6	30.82	185.0	29.55
0.0		-0.4	272.1	32.51	262.8	32.47	248.8	32.41	237.1	31.98	225.4	31.55	212.2	30.43	200.6	29.40	185.0	28.01
5.0		4.5	272.1	32.40	262.8	32.35	248.8	32.27	237.1	31.03	225.4	29.79	212.2	28.67	200.6	27.65	185.0	26.29
10.0		9.0	272.1	32.95	262.8	32.22	248.8	31.14	237.1	29.58	225.4	28.02	212.2	26.91	200.6	25.91	185.0	24.57
15.0		14.0	272.1	31.41	262.8	30.51	248.8	29.16	237.1	27.72	225.4	26.28	212.2	25.18	200.6	24.20	185.0	22.88
20.0		19.0	272.1	29.31	262.8	28.43	248.8	27.11	237.1	25.79	225.4	24.48	212.2	23.39	200.6	22.42	185.0	21.13
25.0		23.0	272.1	27.24	262.8	26.39	248.8	25.10	237.1	23.90	225.4	22.71	212.2	21.62	200.6	20.67	185.0	19.40
30.0		28.0	272.1	25.18	262.8	24.34	248.8	23.09	237.1	22.01	225.4	20.94	212.2	19.86	200.6	18.93	185.0	17.68
35.0		32.0	272.1	23.12	262.8	22.30	248.8	21.08	237.1	20.12	225.4	19.17	212.2	18.10	200.6	17.18	185.0	15.96
40.0		36.0	272.1	21.05	262.8	20.26	248.8	19.06	237.1	18.23	225.4	17.40	212.2	16.34	200.6	15.44	185.0	14.24
45.0		41.0	272.1	19.05	262.8	18.28	248.8	17.12	237.1	16.41	225.4	15.69	212.2	14.64	200.6	13.76	185.0	12.59
47.0		43.0	272.1	18.55	262.8	17.80	248.8	16.67	237.1	15.97	225.4	15.27	212.2	14.25	200.6	13.40	185.0	12.25
50.0		46.0	272.1	17.86	262.8	17.14	248.8	16.05	237.1	15.38	225.4	14.71	212.2	13.73	200.6	12.90	185.0	11.80
55.0		51.0	272.1	16.77	262.8	16.09	248.8	15.07	237.1	14.44	225.4	13.81	212.2	12.88	200.6	12.11	185.0	11.08
60.0		56.0	272.1	15.59	262.8	14.96	248.8	14.01	237.1	13.43	225.4	12.84	212.2	11.98	200.6	11.26	185.0	10.30
50		-21.6	-22.0	164.4	17.99	163.7	18.65	162.7	19.64	161.7	22.11	160.7	24.59	158.6	28.03	155.9	30.09	152.4
	-17.1	-17.5	190.8	20.46	190.1	21.12	188.9	22.11	185.1	24.59	181.4	27.06	174.5	29.49	167.6	29.37	158.4	29.21
	-12.6	-13.0	227.5	22.94	219.2	23.60	206.8	24.59	197.5	27.06	188.1	29.54	177.1	29.35	166.7	29.23	152.9	29.06
	-7.0	-7.6	227.5	25.91	219.2	26.57	206.8	27.56	197.5	28.47	188.1	29.37	177.1	28.61	166.7	27.21	152.9	25.35
	-4.0	-4.4	227.5	27.69	219.2	28.35	206.8	29.34	197.5	29.31	188.1	29.27	177.1	27.57	166.7	26.22	152.9	24.41
	0.0	-0.4	227.5	29.57	219.2	29.48	206.8	29.36	197.5	28.68	188.1	28.01	177.1	26.29	166.7	24.99	152.9	23.26
	5.0	4.5	227.5	30.11	219.2	29.33	206.8	28.16	197.5	27.23	188.1	26.29	177.1	24.68	166.7	23.45	152.9	21.81
	10.0	9.0	227.5	29.48	219.2	28.23	206.8	26.35	197.5	25.47	188.1	24.58	177.1	23.08	166.7	21.92	152.9	20.37
	15.0	14.0	227.5	27.49	219.2	26.33	206.8	24.59	197.5	23.74	188.1	22.90	177.1	21.51	166.7	20.41	152.9	18.95
	20.0	19.0	227.5	25.43	219.2	24.35	206.8	22.75	197.5	21.95	188.1	21.14	177.1	19.87	166.7	18.85	152.9	17.48
	25.0	23.0	227.5	23.40	219.2	22.42	206.8	20.95	197.5	20.19	188.1	19.43	177.1	18.27	166.7	17.31	152.9	16.04
	30.0	28.0	227.5	21.37	219.2	20.48	206.8	19.14	197.5	18.43	188.1	17.71	177.1	16.67	166.7	15.78	152.9	14.60
	35.0	32.0	227.5	19.34	219.2	18.54	206.8	17.34	197.5	16.67	188.1	16.00	177.1	15.06	166.7	14.24	152.9	13.15
	40.0	36.0	227.5	17.32	219.2	16.61	206.8	15.54	197.5	14.91	188.1	14.28	177.1	13.46	166.7	12.71	152.9	11.71
	45.0	41.0	227.5	15.37	219.2	14.75	206.8	13.81	197.5	13.22	188.1	12.63	177.1	11.92	166.7	11.24	152.9	10.33
	47.0	43.0	227.5	14.96	219.2	14.35	206.8	13.44	197.5	12.87	188.1	12.30	177.1	11.61	166.7	10.94	152.9	10.05
	50.0	46.0	227.5	14.41	219.2	13.83	206.8	12.95	197.5	12.40	188.1	11.85	177.1	11.18	166.7	10.54	152.9	9.68
	55.0	51.0	227.5	13.53	219.2	12.98	206.8	12.15	197.5	11.63	188.1	11.12	177.1	10.49	166.7	9.89	152.9	9.09
	60.0	56.0	227.5	12.58	219.2	12.07	206.8	11.30	197.5	10.82	188.1	10.34	177.1	9.76	166.7	9.20	152.9	8.45

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.

Note:

Low ambient performance with LGRED[°] heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA



ARUM360BTE5 / ARUM360DTE5

360,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-21.6	-22.0	212.0	13.44	211.1	15.30	209.8	18.08	208.5	20.70	207.3	23.33	205.6	26.70	204.5	28.61	203.1	31.16
	-17.1	-17.5	246.1	16.20	245.0	18.01	243.5	20.73	241.8	23.27	240.1	25.81	238.2	28.90	237.0	30.60	235.4	32.86
	-12.6	-13.0	290.5	18.96	287.4	20.73	282.6	23.39	279.5	25.84	276.3	28.28	274.1	31.09	272.7	32.58	270.8	34.57
	-7.0	-7.6	331.1	22.27	327.5	23.99	322.1	26.58	318.5	28.92	314.9	31.26	312.4	33.73	310.8	34.96	308.6	36.62
	-4.0	-4.4	355.4	24.26	351.5	25.95	345.7	28.49	341.9	30.77	338.1	33.04	335.3	35.31	333.6	36.39	331.3	37.84
	0.0	-0.4	385.4	26.71	381.2	28.37	374.9	30.85	370.8	33.05	366.6	35.24	363.7	37.26	361.8	38.16	359.3	39.36
	5.0	4.5	423.0	29.77	418.4	31.39	411.5	33.80	406.9	35.90	402.3	37.99	399.1	39.70	397.0	40.36	394.3	41.25
	10.0	9.0	460.5	32.84	455.5	34.41	448.0	36.76	443.0	38.75	438.1	40.74	434.5	42.14	432.3	42.57	429.3	43.15
	15.0	14.0	497.3	35.84	491.9	37.37	483.8	39.65	478.4	41.55	473.1	43.44	469.2	44.39	466.8	44.31	463.6	44.21
	20.0	19.0	532.5	38.97	527.9	40.45	521.0	42.66	514.8	43.44	508.6	44.21	492.6	43.34	464.9	42.42	428.0	41.20
	25.0	23.0	540.1	42.88	540.8	43.47	541.7	44.34	533.7	43.74	525.7	43.15	493.7	41.29	464.5	40.39	425.6	39.19
	30.0	28.0	540.8	44.43	540.8	44.30	540.8	44.10	540.8	42.29	533.2	40.56	525.7	38.83	493.7	37.20	464.5	36.33
	35.0	32.0	540.8	45.31	540.8	44.10	540.8	42.29	533.2	40.56	525.7	38.83	493.7	37.20	464.5	36.33	425.6	35.17
	40.0	36.0	540.8	43.46	540.8	41.85	540.8	39.43	533.2	38.05	525.7	36.67	493.7	35.15	464.5	34.29	425.6	33.15
	45.0	41.0	540.8	38.64	540.8	37.82	540.8	36.60	533.2	35.55	525.7	34.51	493.7	33.09	464.5	32.25	425.6	31.14
	47.0	43.0	540.8	37.61	540.8	36.82	540.8	35.63	533.2	34.61	525.7	33.59	493.7	32.21	464.5	31.40	425.6	30.31
	50.0	46.0	540.8	36.22	540.8	35.46	540.8	34.32	533.2	33.33	525.7	32.35	493.7	31.02	464.5	30.24	425.6	29.19
55.0	51.0	540.8	34.00	540.8	33.28	540.8	32.21	533.2	31.29	525.7	30.36	493.7	29.12	464.5	28.38	425.6	27.40	
60.0	56.0	540.8	31.62	540.8	30.95	540.8	29.95	533.2	29.10	525.7	28.24	493.7	27.08	464.5	26.39	425.6	25.48	
120	-21.6	-22.0	210.5	16.56	209.6	17.95	208.3	20.03	207.0	21.85	205.8	23.67	204.1	24.83	203.1	25.09	201.7	25.43
	-17.1	-17.5	244.3	19.16	243.3	20.55	241.8	22.63	240.1	24.45	238.4	26.26	236.5	27.43	235.3	27.69	233.7	28.03
	-12.6	-13.0	283.1	21.76	281.3	23.15	278.6	25.23	276.5	27.04	274.4	28.86	272.2	30.02	270.8	30.28	268.9	30.63
	-7.0	-7.6	326.8	24.88	323.7	26.26	319.1	28.34	315.9	30.16	312.7	31.98	310.1	33.14	308.6	33.40	306.5	33.75
	-4.0	-4.4	350.8	26.75	347.5	28.14	342.5	30.21	339.1	32.03	335.7	33.85	332.9	35.01	331.2	35.27	329.0	35.62
	0.0	-0.4	380.4	29.06	376.8	30.45	371.4	32.52	367.7	34.34	364.0	36.16	361.1	37.32	359.2	37.58	356.8	37.93
	5.0	4.5	417.5	31.95	413.6	33.33	407.6	35.41	403.6	37.23	399.5	39.05	396.2	40.21	394.2	40.47	391.5	40.82
	10.0	9.0	454.6	34.83	450.3	36.22	443.8	38.30	439.4	40.12	434.9	41.94	431.4	43.10	429.2	43.36	426.3	43.70
	15.0	14.0	490.9	37.66	486.2	39.05	479.3	41.13	474.5	42.95	469.7	44.77	457.9	45.72	438.4	45.52	412.4	45.26
	20.0	19.0	526.9	40.61	522.1	42.00	515.0	44.07	503.9	44.22	492.9	44.36	464.4	43.53	436.0	43.28	398.3	42.95
	25.0	23.0	540.2	44.94	536.4	44.88	530.8	44.80	511.8	43.48	492.9	42.16	464.4	41.39	436.0	41.09	398.3	40.70
	30.0	28.0	540.2	45.03	536.4	43.93	530.8	42.27	511.8	41.12	492.9	39.96	464.4	39.25	436.0	38.90	398.3	38.44
	35.0	32.0	540.2	42.11	536.4	41.17	530.8	39.74	511.8	38.75	492.9	37.77	464.4	37.11	436.0	36.71	398.3	36.18
	40.0	36.0	540.2	39.19	536.4	38.40	530.8	37.21	511.8	36.39	492.9	35.57	464.4	34.97	436.0	34.52	398.3	33.92
	45.0	41.0	540.2	36.32	536.4	35.67	530.8	34.71	511.8	34.04	492.9	33.37	464.4	32.83	436.0	32.33	398.3	31.68
	47.0	43.0	540.2	35.35	536.4	34.73	530.8	33.78	511.8	33.14	492.9	32.49	464.4	31.96	436.0	31.48	398.3	30.84
	50.0	46.0	540.2	34.05	536.4	33.44	530.8	32.54	511.8	31.91	492.9	31.29	464.4	30.78	436.0	30.32	398.3	29.70
55.0	51.0	540.2	31.96	536.4	31.39	530.8	30.54	511.8	29.95	492.9	29.37	464.4	28.89	436.0	28.45	398.3	27.88	
60.0	56.0	540.2	29.72	536.4	29.19	530.8	28.40	511.8	27.86	492.9	27.31	464.4	26.86	436.0	26.46	398.3	25.92	
110	-21.6	-22.0	209.3	21.07	208.5	22.11	207.1	23.67	205.9	25.38	204.7	27.10	203.0	30.28	202.0	32.88	200.6	36.35
	-17.1	-17.5	243.0	23.67	242.0	24.71	240.5	26.26	238.8	27.98	237.1	29.69	235.2	32.88	234.0	35.48	232.4	38.95
	-12.6	-13.0	277.5	26.26	276.7	27.30	275.6	28.86	274.2	30.58	272.9	32.29	270.7	35.48	269.3	38.08	267.5	41.54
	-7.0	-7.6	318.5	29.38	317.0	30.42	314.7	31.98	312.9	33.70	311.0	35.41	308.5	38.60	306.9	41.20	304.8	44.66
	-4.0	-4.4	343.3	31.25	341.2	32.29	338.0	33.85	335.9	35.57	333.8	37.28	331.1	40.47	329.4	43.07	327.2	46.53
	0.0	-0.4	373.8	33.56	371.0	34.60	366.9	36.16	364.5	37.88	362.1	39.59	359.1	42.78	357.3	45.38	354.9	48.84
	5.0	4.5	411.9	36.45	408.3	37.49	403.0	39.05	400.1	40.77	397.3	42.48	392.0	44.74	385.4	45.35	376.6	46.15
	10.0	9.0	450.0	39.34	445.6	40.38	439.1	41.94	435.8	43.65	432.6	45.37	414.4	44.78	393.8	43.94	366.3	42.82
	15.0	14.0	487.3	42.17	482.2	43.21	474.5	44.77	458.5	44.66	442.5	44.55	416.6	43.37	393.0	41.99	361.6	40.16
	20.0	19.0	534.6	46.18	515.7	45.66	487.5	44.87	465.0	43.72	442.5	42.58	416.6	41.26	393.0	39.98	361.6	38.28
	25.0	23.0	534.6	45.38	515.7	44.41	487.5	42.96	465.0	41.68	442.5	40.40	416.6	39.20	393.0	38.01	361.6	36.43
	30.0	28.0	534.6	43.04	515.7	41.96	487.5	40.33	465.0	39.28	442.5	38.23	416.6	37.13	393.0	36.04	361.6	34.59
	35.0	32.0	534.6	39.77	515.7	38.94	487.5	37.70	465.0	36.88	442.5	36.06	416.6	35.06	393.0	34.07	361.6	32.75
	40.0	36.0	534.6	36.49	515.7	35.92	487.5	35.07	465.0	34.48	442.5	33.88	416.6	33.00	393.0	32.10	361.6	30.90
	45.0	41.0	534.6	33.30	515.7	32.97	487.5	32.47	465.0	32.10	442.5	31.72	416.6	30.93	393.0	30.13	361.6	29.05
	47.0	43.0	534.6	32.42	515.7	32.09	487.5	31.61	465.0	31.24	442.5	30.88	416.6	30.11	393.0	29.33	361.6	28.28
	50.0	46.0	534.6	31.22	515.7	30.91	487.5	30.45	465.0	30.09	442.5	29.74	416.6	29.00	393.0	28.25	361.6	27.24
55.0	51.0	534.6	29.30	515.7	29.01	487.5	28.58	465.0	28.24	442.5	27.91	416.6	27.22	393.0	26.51	361.6	25.57	
60.0	56.0	534.6	27.25	515.7	26.98	487.5	26.57	465.0	26.27	442.5	25.96	416.6	25.32	393.0	24.66	361.6	23.78	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 The System Combination Ratio must be between 50-130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
 Current certified ratings are available at www.ahridirectory.org.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA

ARUM360BTE5 / ARUM360DTE5

360,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
			°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-21.6	-22.0	208.5	17.15	207.6	19.61	206.3	23.30	205.1	25.81	203.8	28.32	202.2	31.83	201.2	34.00	199.8	36.88
	-17.1	-17.5	242.0	20.63	241.0	22.66	239.5	25.72	237.8	28.27	236.2	30.82	234.3	34.39	233.1	36.48	231.5	39.26
	-12.6	-13.0	275.5	23.94	274.4	25.72	272.7	28.39	272.2	30.86	271.8	33.32	269.6	36.95	268.2	38.96	266.4	41.64
	-7.0	-7.6	315.8	27.92	314.5	29.39	312.5	31.60	311.1	33.96	309.7	36.33	307.2	40.03	305.6	41.94	303.5	44.49
	-4.0	-4.4	339.9	30.30	338.5	31.59	336.4	33.53	334.4	35.83	332.5	38.13	329.8	41.87	328.1	43.73	325.9	46.20
	0.0	-0.4	368.8	33.25	367.2	34.31	364.9	35.90	362.8	38.13	360.6	40.35	356.7	43.72	353.0	44.58	347.9	45.73
	5.0	4.5	404.7	36.93	403.0	37.71	400.5	38.87	396.1	41.00	391.7	43.13	376.0	44.22	360.8	44.08	340.4	43.89
	10.0	9.0	435.8	40.61	430.6	41.10	422.8	41.84	413.9	43.06	405.0	44.27	381.2	43.56	358.9	42.51	329.1	41.11
	15.0	14.0	470.5	44.50	460.4	44.43	445.2	44.33	425.1	44.04	405.0	43.75	381.2	41.46	358.9	40.20	329.1	38.52
	20.0	19.0	489.8	44.69	471.9	44.22	445.2	43.52	425.1	42.39	405.0	41.25	381.2	39.07	358.9	37.87	329.1	36.28
	25.0	23.0	489.8	44.74	471.9	42.91	445.2	40.16	425.1	39.48	405.0	38.80	381.2	36.72	358.9	35.59	329.1	34.08
	30.0	28.0	489.8	41.68	471.9	40.15	445.2	37.85	425.1	37.10	405.0	36.36	381.2	34.38	358.9	33.31	329.1	31.88
	35.0	32.0	489.8	38.62	471.9	37.39	445.2	35.53	425.1	34.72	405.0	33.91	381.2	32.04	358.9	31.03	329.1	29.68
	40.0	36.0	489.8	35.57	471.9	34.63	445.2	33.21	425.1	32.34	405.0	31.47	381.2	29.69	358.9	28.75	329.1	27.48
	45.0	41.0	489.8	32.58	471.9	31.92	445.2	30.91	425.1	29.99	405.0	29.06	381.2	27.39	358.9	26.51	329.1	25.32
	47.0	43.0	489.8	31.72	471.9	31.07	445.2	30.09	425.1	29.19	405.0	28.29	381.2	26.66	358.9	25.80	329.1	24.65
	50.0	46.0	489.8	30.55	471.9	29.92	445.2	28.98	425.1	28.12	405.0	27.25	381.2	25.68	358.9	24.85	329.1	23.74
55.0	51.0	489.8	28.67	471.9	28.09	445.2	27.20	425.1	26.39	405.0	25.57	381.2	24.10	358.9	23.32	329.1	22.29	
60.0	56.0	489.8	26.67	471.9	26.12	445.2	25.30	425.1	24.54	405.0	23.78	381.2	22.42	358.9	21.69	329.1	20.72	
90	-21.6	-22.0	207.6	22.10	206.7	23.41	205.5	25.39	204.2	28.04	203.0	30.69	201.4	32.54	200.3	34.27	199.0	36.58
	-17.1	-17.5	241.0	24.70	240.0	26.01	238.5	27.99	236.9	30.64	235.2	33.29	233.3	35.14	232.1	36.87	230.5	39.18
	-12.6	-13.0	274.4	27.30	273.3	28.61	271.6	30.59	271.1	33.24	270.7	35.89	268.5	37.74	267.1	39.47	265.3	41.78
	-7.0	-7.6	314.5	30.41	313.2	31.73	311.2	33.71	309.8	36.36	308.4	39.01	305.9	40.85	304.4	42.59	302.3	44.90
	-4.0	-4.4	338.5	32.28	337.1	33.60	335.0	35.58	333.1	38.23	331.1	40.88	328.4	41.94	326.8	42.00	324.5	42.07
	0.0	-0.4	367.2	34.59	365.7	35.91	363.4	37.89	360.8	39.98	358.2	42.07	344.4	41.92	329.5	41.77	309.6	41.57
	5.0	4.5	406.3	37.48	401.4	38.80	393.9	40.77	382.4	41.34	370.9	41.91	349.1	41.30	327.8	40.19	299.4	38.72
	10.0	9.0	443.9	41.47	429.0	41.69	406.6	42.01	388.8	41.88	370.9	41.75	349.1	39.77	327.8	37.98	299.4	35.61
	15.0	14.0	449.2	42.02	432.2	41.93	406.6	41.80	388.8	40.85	370.9	39.89	349.1	37.72	327.8	36.02	299.4	33.75
	20.0	19.0	449.2	42.28	432.2	41.43	406.6	40.15	388.8	38.89	370.9	37.63	349.1	35.60	327.8	33.98	299.4	31.81
	25.0	23.0	449.2	39.77	432.2	38.97	406.6	37.77	388.8	36.59	370.9	35.41	349.1	33.51	327.8	31.97	299.4	29.91
	30.0	28.0	449.2	37.26	432.2	36.51	406.6	35.38	388.8	34.29	370.9	33.19	349.1	31.43	327.8	29.97	299.4	28.01
	35.0	32.0	449.2	34.75	432.2	34.05	406.6	33.00	388.8	31.98	370.9	30.97	349.1	29.35	327.8	27.96	299.4	26.12
	40.0	36.0	449.2	32.23	432.2	31.59	406.6	30.61	388.8	29.68	370.9	28.75	349.1	27.26	327.8	25.96	299.4	24.22
	45.0	41.0	449.2	29.77	432.2	29.17	406.6	28.27	388.8	27.42	370.9	26.57	349.1	25.21	327.8	23.99	299.4	22.35
	47.0	43.0	449.2	28.98	432.2	28.39	406.6	27.52	388.8	26.69	370.9	25.87	349.1	24.54	327.8	23.35	299.4	21.76
	50.0	46.0	449.2	27.91	432.2	27.35	406.6	26.50	388.8	25.71	370.9	24.91	349.1	23.64	327.8	22.49	299.4	20.96
55.0	51.0	449.2	26.19	432.2	25.67	406.6	24.88	388.8	24.13	370.9	23.38	349.1	22.18	327.8	21.11	299.4	19.67	
60.0	56.0	449.2	24.36	432.2	23.87	406.6	23.13	388.8	22.44	370.9	21.75	349.1	20.63	327.8	19.63	299.4	18.29	
80	-21.6	-22.0	206.8	22.28	205.9	23.74	204.6	25.92	203.4	27.48	202.2	29.04	200.5	33.17	199.5	35.33	198.1	38.22
	-17.1	-17.5	240.0	24.88	239.0	26.33	237.5	28.52	235.9	30.08	234.2	31.64	232.3	35.76	231.2	37.93	229.6	40.82
	-12.6	-13.0	273.3	27.48	272.1	28.93	270.4	31.12	269.1	32.68	267.7	34.23	266.4	37.31	266.4	37.23	266.3	37.11
	-7.0	-7.6	313.2	30.60	311.9	32.05	309.9	34.23	308.6	35.79	307.2	37.35	302.5	37.18	296.3	37.10	288.0	36.99
	-4.0	-4.4	337.1	32.47	335.7	33.92	333.6	36.11	331.7	36.69	329.7	37.27	310.6	37.11	293.3	37.03	270.2	36.92
	0.0	-0.4	369.3	35.51	364.2	36.23	356.6	37.31	344.4	37.24	332.2	37.18	311.5	36.78	293.0	36.20	268.3	35.44
	5.0	4.5	395.3	37.33	383.1	37.28	364.7	37.20	348.4	37.13	332.2	37.06	311.5	35.41	293.0	34.33	268.3	32.89
	10.0	9.0	401.8	37.20	387.0	37.16	364.7	37.09	348.4	36.53	332.2	35.97	311.5	33.64	293.0	32.60	268.3	31.20
	15.0	14.0	401.8	37.22	387.0	37.04	364.7	36.77	348.4	35.42	332.2	34.07	311.5	31.91	293.0	30.90	268.3	29.55
	20.0	19.0	401.8	36.21	387.0	35.58	364.7	34.62	348.4	33.36	332.2	32.09	311.5	30.11	293.0	29.13	268.3	27.83
	25.0	23.0	401.8	34.03	387.0	33.42	364.7	32.51	348.4	31.33	332.2	30.15	311.5	28.35	293.0	27.40	268.3	26.14
	30.0	28.0	401.8	31.84	387.0	31.27	364.7	30.40	348.4	29.31	332.2	28.21	311.5	26.58	293.0	25.67	268.3	24.45
	35.0	32.0	401.8	29.66	387.0	29.11	364.7	28.30	348.4	27.29	332.2	26.28	311.5	24.82	293.0	23.94	268.3	22.76
	40.0	36.0	401.8	27.47	387.0	26.96	364.7	26.19	348.4	25.26	332.2	24.34	311.5	23.05	293.0	22.20	268.3	21.07
	45.0	41.0	401.8	25.32	387.0	24.84	364.7	24.12	348.4	23.28	332.2	22.44	311.5	21.32	293.0	20.50	268.3	19.41
	47.0	43.0	401.8	24.65	387.0	24.18	364.7	23.48	348.4	22.66	332.2	21.84	311.5	20.75	293.0	19.96	268.3	18.90
	50.0	46.0	401.8	23.74	387.0	23.29	364.7	22.62	348.4	21.82	332.2	21.03	311.5	19.99	293.0	19.22	268.3	18.20
55.0	51.0	401.8	22.29	387.0	21.86	364.7	21.23	348.4	20.48	332.2	19.74	311.5	18.76	293.0	18.04	268.3	17.08	
60.0	56.0	401.8	20.72	387.0	20.33	364.7	19.74	348.4	19.05	332.2	18.36	311.5	17.44	293.0	16.78	268.3	15.88	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 The System Combination Ratio must be between 50-130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
 Current certified ratings are available at www.ahridirectory.org.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA



ARUM360BTE5 / ARUM360DTE5

360,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-21.6	-22.0	205.5	23.88	204.7	24.57	203.4	25.61	202.2	28.21	201.0	30.81	199.3	34.42	198.3	36.58	197.0	39.47
	-17.1	-17.5	238.6	26.48	237.6	27.17	236.1	28.21	234.5	30.81	232.9	33.41	231.0	35.97	229.8	35.90	228.2	35.81
	-12.6	-13.0	271.7	29.08	270.5	29.77	268.9	30.81	267.5	33.41	266.2	36.01	261.0	35.88	252.7	35.82	241.6	35.74
	-7.0	-7.6	310.2	32.19	310.1	32.89	309.8	33.93	295.7	34.90	281.5	35.88	266.1	35.76	250.8	35.72	230.4	35.66
	-4.0	-4.4	337.4	34.07	326.4	34.76	309.8	35.80	295.7	35.80	281.5	35.80	266.1	35.70	250.8	35.66	230.4	35.62
	0.0	-0.4	340.4	35.99	328.2	35.92	309.8	35.82	295.7	35.76	281.5	35.71	266.1	34.72	250.8	34.14	230.4	33.37
	5.0	4.5	340.4	35.78	328.2	35.70	309.8	35.57	295.7	35.03	281.5	34.49	266.1	32.87	250.8	32.26	230.4	31.43
	10.0	9.0	340.4	35.58	328.2	35.47	309.8	35.31	295.7	33.94	281.5	32.56	266.1	31.03	250.8	30.37	230.4	29.49
	15.0	14.0	340.4	36.04	328.2	35.03	309.8	33.51	295.7	32.10	281.5	30.68	266.1	29.22	250.8	28.52	230.4	27.59
	20.0	19.0	340.4	33.69	328.2	32.75	309.8	31.34	295.7	30.03	281.5	28.72	266.1	27.33	250.8	26.60	230.4	25.62
	25.0	23.0	340.4	31.38	328.2	30.51	309.8	29.21	295.7	28.01	281.5	26.80	266.1	25.49	250.8	24.71	230.4	23.68
	30.0	28.0	340.4	29.07	328.2	28.28	309.8	27.09	295.7	25.98	281.5	24.88	266.1	23.64	250.8	22.82	230.4	21.74
	35.0	32.0	340.4	26.76	328.2	26.04	309.8	24.96	295.7	23.96	281.5	22.95	266.1	21.79	250.8	20.94	230.4	19.80
	40.0	36.0	340.4	24.45	328.2	23.80	309.8	22.83	295.7	21.93	281.5	21.03	266.1	19.94	250.8	19.05	230.4	17.86
	45.0	41.0	340.4	22.21	328.2	21.63	309.8	20.76	295.7	19.96	281.5	19.16	266.1	18.15	250.8	17.22	230.4	15.99
	47.0	43.0	340.4	21.62	328.2	21.06	309.8	20.21	295.7	19.43	281.5	18.65	266.1	17.67	250.8	16.77	230.4	15.56
	50.0	46.0	340.4	20.82	328.2	20.28	309.8	19.47	295.7	18.72	281.5	17.96	266.1	17.02	250.8	16.15	230.4	14.99
55.0	51.0	340.4	19.55	328.2	19.04	309.8	18.27	295.7	17.57	281.5	16.86	266.1	15.97	250.8	15.16	230.4	14.07	
60.0	56.0	340.4	18.18	328.2	17.70	309.8	16.99	295.7	16.34	281.5	15.68	266.1	14.85	250.8	14.09	230.4	13.08	
60	-21.6	-22.0	190.3	22.00	189.5	22.70	188.3	23.74	187.2	26.33	186.0	28.93	184.5	32.54	183.6	34.71	182.3	37.60
	-17.1	-17.5	220.9	24.60	220.0	25.30	218.6	26.33	217.1	28.93	215.6	31.53	213.5	34.09	211.7	34.01	209.3	33.89
	-12.6	-13.0	252.1	27.20	250.5	27.89	247.9	28.93	244.7	31.53	241.5	34.13	227.4	33.99	214.9	33.91	198.2	33.80
	-7.0	-7.6	291.5	30.32	281.5	31.01	266.5	32.05	254.0	33.01	241.5	33.97	227.4	33.86	214.9	33.79	198.2	33.69
	-4.0	-4.4	291.5	32.19	281.5	32.88	266.5	33.92	254.0	33.90	241.5	33.87	227.4	33.35	214.9	32.35	198.2	31.02
	0.0	-0.4	291.5	34.12	281.5	34.08	266.5	34.02	254.0	33.57	241.5	33.12	227.4	31.95	214.9	30.86	198.2	29.41
	5.0	4.5	291.5	34.01	281.5	33.96	266.5	33.88	254.0	32.57	241.5	31.27	227.4	30.10	214.9	29.03	198.2	27.60
	10.0	9.0	291.5	34.59	281.5	33.83	266.5	32.68	254.0	31.05	241.5	29.41	227.4	28.25	214.9	27.19	198.2	25.79
	15.0	14.0	291.5	32.98	281.5	32.03	266.5	30.61	254.0	29.10	241.5	27.59	227.4	26.44	214.9	25.40	198.2	24.02
	20.0	19.0	291.5	30.77	281.5	29.84	266.5	28.46	254.0	27.08	241.5	25.69	227.4	24.55	214.9	23.53	198.2	22.18
	25.0	23.0	291.5	28.60	281.5	27.70	266.5	26.35	254.0	25.09	241.5	23.84	227.4	22.70	214.9	21.70	198.2	20.37
	30.0	28.0	291.5	26.43	281.5	25.55	266.5	24.24	254.0	23.11	241.5	21.98	227.4	20.85	214.9	19.87	198.2	18.56
	35.0	32.0	291.5	24.27	281.5	23.41	266.5	22.12	254.0	21.12	241.5	20.12	227.4	19.00	214.9	18.04	198.2	16.75
	40.0	36.0	291.5	22.10	281.5	21.26	266.5	20.01	254.0	19.14	241.5	18.27	227.4	17.15	214.9	16.21	198.2	14.95
	45.0	41.0	291.5	20.00	281.5	19.19	266.5	17.97	254.0	17.22	241.5	16.47	227.4	15.37	214.9	14.44	198.2	13.21
	47.0	43.0	291.5	19.47	281.5	18.68	266.5	17.50	254.0	16.77	241.5	16.03	227.4	14.96	214.9	14.06	198.2	12.86
	50.0	46.0	291.5	18.75	281.5	17.99	266.5	16.85	254.0	16.15	241.5	15.44	227.4	14.41	214.9	13.54	198.2	12.39
55.0	51.0	291.5	17.60	281.5	16.89	266.5	15.82	254.0	15.16	241.5	14.49	227.4	13.52	214.9	12.71	198.2	11.63	
60.0	56.0	291.5	16.37	281.5	15.70	266.5	14.71	254.0	14.09	241.5	13.48	227.4	12.58	214.9	11.82	198.2	10.81	
50	-21.6	-22.0	176.1	18.88	175.4	19.57	174.3	20.61	173.3	23.21	172.2	25.81	169.9	29.42	167.1	31.59	163.2	34.47
	-17.1	-17.5	204.5	21.48	203.6	22.17	202.4	23.21	198.3	25.81	194.3	28.41	187.0	30.95	179.6	30.83	169.7	30.67
	-12.6	-13.0	243.8	24.08	234.9	24.77	221.6	25.81	211.6	28.41	201.6	31.01	189.7	30.81	178.6	30.68	163.8	30.50
	-7.0	-7.6	243.8	27.20	234.9	27.89	221.6	28.93	211.6	29.88	201.6	30.83	189.7	30.03	178.6	28.56	163.8	26.61
	-4.0	-4.4	243.8	29.07	234.9	29.76	221.6	30.80	211.6	30.76	201.6	30.73	189.7	28.94	178.6	27.52	163.8	25.62
	0.0	-0.4	243.8	31.04	234.9	30.95	221.6	30.82	211.6	30.11	201.6	29.40	189.7	27.59	178.6	26.23	163.8	24.41
	5.0	4.5	243.8	31.61	234.9	30.79	221.6	29.56	211.6	28.58	201.6	27.60	189.7	25.91	178.6	24.62	163.8	22.90
	10.0	9.0	243.8	30.94	234.9	29.63	221.6	27.66	211.6	26.73	201.6	25.80	189.7	24.23	178.6	23.01	163.8	21.38
	15.0	14.0	243.8	28.86	234.9	27.64	221.6	25.81	211.6	24.92	201.6	24.03	189.7	22.58	178.6	21.43	163.8	19.90
	20.0	19.0	243.8	26.69	234.9	25.57	221.6	23.88	211.6	23.04	201.6	22.20	189.7	20.86	178.6	19.79	163.8	18.35
	25.0	23.0	243.8	24.56	234.9	23.53	221.6	21.99	211.6	21.19	201.6	20.39	189.7	19.18	178.6	18.18	163.8	16.84
	30.0	28.0	243.8	22.43	234.9	21.50	221.6	20.10	211.6	19.34	201.6	18.59	189.7	17.50	178.6	16.56	163.8	15.32
	35.0	32.0	243.8	20.31	234.9	19.47	221.6	18.20	211.6	17.50	201.6	16.79	189.7	15.81	178.6	14.95	163.8	13.81
	40.0	36.0	243.8	18.18	234.9	17.43	221.6	16.31	211.6	15.65	201.6	14.99	189.7	14.13	178.6	13.34	163.8	12.29
	45.0	41.0	243.8	16.14	234.9	15.48	221.6	14.49	211.6	13.88	201.6	13.26	189.7	12.52	178.6	11.80	163.8	10.84
	47.0	43.0	243.8	15.71	234.9	15.07	221.6	14.11	211.6	13.51	201.6	12.91	189.7	12.18	178.6	11.48	163.8	10.55
	50.0	46.0	243.8	15.13	234.9	14.51	221.6	13.59	211.6	13.01	201.6	12.43	189.7	11.73	178.6	11.06	163.8	10.16
55.0	51.0	243.8	14.20	234.9	13.62	221.6	12.75	211.6	12.21	201.6	11.67	189.7	11.01	178.6	10.38	163.8	9.54	
60.0	56.0	243.8	13.21	234.9	12.67	221.6	11.86	211.6	11.36	201.6	10.85	189.7	10.24	178.6	9.65	163.8	8.87	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan). The System Combination Ratio must be between 50-130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at www.ahridirectory.org.

Note:
Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-21.6	-22.0	226.1	15.08	225.2	17.16	223.7	20.27	222.4	23.22	221.1	26.17	219.3	29.95	218.2	32.09	216.7	34.95
	-17.1	-17.5	262.5	18.17	261.4	20.21	259.7	23.25	257.9	26.10	256.2	28.95	254.1	32.41	252.8	34.32	251.1	36.86
	-12.6	-13.0	309.9	21.27	306.5	23.25	301.4	26.23	298.1	28.98	294.8	31.72	292.4	34.87	290.9	36.54	288.9	38.77
	-7.0	-7.6	353.1	24.98	349.3	26.91	343.5	29.81	339.7	32.43	335.9	35.06	333.2	37.83	331.5	39.22	329.2	41.07
	-4.0	-4.4	379.1	27.21	375.0	29.11	368.8	31.96	364.7	34.51	360.6	37.06	357.7	39.60	355.8	40.82	353.4	42.44
	0.0	-0.4	411.1	29.96	406.7	31.82	399.9	34.60	395.5	37.07	391.1	39.53	387.9	41.79	385.9	42.80	383.3	44.14
	5.0	4.5	451.2	33.39	446.3	35.20	438.9	37.92	434.0	40.26	429.2	42.61	425.7	44.52	423.5	45.27	420.6	46.27
	10.0	9.0	491.2	36.83	485.9	38.59	477.9	41.23	472.6	43.46	467.3	45.70	463.5	47.26	461.1	47.75	458.0	48.39
	15.0	14.0	530.5	40.20	524.7	41.91	516.0	44.47	510.3	46.60	504.6	48.72	500.5	49.79	498.0	49.70	494.6	49.58
	20.0	19.0	568.0	43.71	563.1	45.36	555.8	47.85	549.2	48.72	542.5	49.59	525.5	48.61	495.9	47.58	456.6	46.21
	25.0	23.0	576.1	48.10	576.8	48.75	577.8	49.73	569.3	49.06	560.8	48.39	526.7	46.31	495.5	45.30	454.0	43.96
	30.0	28.0	576.8	49.83	576.8	49.69	576.8	49.47	568.8	47.72	560.8	45.97	526.7	44.01	495.5	43.02	454.0	41.70
	35.0	32.0	576.8	50.82	576.8	49.47	576.8	47.44	568.8	45.49	560.8	43.55	526.7	41.72	495.5	40.74	454.0	39.44
	40.0	36.0	576.8	48.75	576.8	46.94	576.8	44.23	568.8	42.68	560.8	41.13	526.7	39.42	495.5	38.46	454.0	37.18
	45.0	41.0	576.8	43.33	576.8	42.42	576.8	41.05	568.8	39.88	560.8	38.70	526.7	37.11	495.5	36.17	454.0	34.92
	47.0	43.0	576.8	42.19	576.8	41.30	576.8	39.97	568.8	38.82	560.8	37.67	526.7	36.13	495.5	35.21	454.0	34.00
	50.0	46.0	576.8	40.63	576.8	39.77	576.8	38.49	568.8	37.39	560.8	36.29	526.7	34.80	495.5	33.92	454.0	32.74
	55.0	51.0	576.8	38.13	576.8	37.33	576.8	36.13	568.8	35.09	560.8	34.06	526.7	32.66	495.5	31.83	454.0	30.73
	60.0	56.0	576.8	35.46	576.8	34.72	576.8	33.60	568.8	32.63	560.8	31.67	526.7	30.37	495.5	29.60	454.0	28.58
120	-21.6	-22.0	224.5	18.58	223.6	20.13	222.2	22.46	220.8	24.50	219.5	26.54	217.7	27.85	216.6	28.14	215.1	28.53
	-17.1	-17.5	260.6	21.49	259.5	23.05	257.9	25.38	256.1	27.42	254.3	29.46	252.3	30.76	251.0	31.05	249.3	31.44
	-12.6	-13.0	301.9	24.41	300.0	25.96	297.2	28.29	294.9	30.33	292.7	32.37	290.3	33.67	288.8	33.97	286.9	34.35
	-7.0	-7.6	348.6	27.90	345.3	29.46	340.3	31.79	336.9	33.83	333.5	35.87	330.8	37.17	329.1	37.46	326.9	37.85
	-4.0	-4.4	374.2	30.00	370.6	31.56	365.3	33.89	361.7	35.93	358.0	37.97	355.1	39.27	353.3	39.56	350.9	39.95
	0.0	-0.4	405.8	32.59	402.0	34.15	396.2	36.48	392.3	38.52	388.3	40.56	385.1	41.86	383.2	42.15	380.6	42.54
	5.0	4.5	445.3	35.83	441.1	37.39	434.8	39.72	430.5	41.76	426.1	43.80	422.7	45.10	420.5	45.39	417.6	45.78
	10.0	9.0	484.9	39.07	480.3	40.62	473.4	42.96	468.7	45.00	463.9	47.04	460.2	48.34	457.8	48.63	454.7	49.02
	15.0	14.0	523.6	42.24	518.7	43.80	511.2	46.13	506.1	48.17	501.0	50.21	488.4	51.27	467.6	51.05	439.8	50.76
	20.0	19.0	562.0	45.55	556.9	47.10	549.3	49.43	537.5	49.59	525.7	49.75	495.3	48.83	465.1	48.55	424.8	48.18
	25.0	23.0	576.2	50.41	572.2	50.34	566.1	50.24	545.9	48.76	525.7	47.29	495.3	46.42	465.1	46.09	424.8	45.65
	30.0	28.0	576.2	50.51	572.2	49.27	566.1	47.41	545.9	46.12	525.7	44.82	495.3	44.02	465.1	43.63	424.8	43.11
	35.0	32.0	576.2	47.24	572.2	46.17	566.1	44.57	545.9	43.47	525.7	42.36	495.3	41.62	465.1	41.18	424.8	40.58
	40.0	36.0	576.2	43.96	572.2	43.07	566.1	41.74	545.9	40.82	525.7	39.89	495.3	39.22	465.1	38.72	424.8	38.05
	45.0	41.0	576.2	40.73	572.2	40.01	566.1	38.93	545.9	38.18	525.7	37.43	495.3	36.82	465.1	36.27	424.8	35.53
	47.0	43.0	576.2	39.65	572.2	38.95	566.1	37.89	545.9	37.16	525.7	36.44	495.3	35.84	465.1	35.30	424.8	34.59
	50.0	46.0	576.2	38.19	572.2	37.51	566.1	36.49	545.9	35.79	525.7	35.09	495.3	34.52	465.1	34.00	424.8	33.31
	55.0	51.0	576.2	35.84	572.2	35.21	566.1	34.25	545.9	33.60	525.7	32.94	495.3	32.40	465.1	31.91	424.8	31.27
	60.0	56.0	576.2	33.33	572.2	32.74	566.1	31.85	545.9	31.24	525.7	30.63	495.3	30.13	465.1	29.68	424.8	29.08
110	-21.6	-22.0	223.3	23.63	222.3	24.79	221.0	26.54	219.6	28.47	218.3	30.39	216.5	33.97	215.4	36.88	214.0	40.77
	-17.1	-17.5	259.2	26.54	258.1	27.71	256.5	29.46	254.7	31.38	253.0	33.31	250.9	36.88	249.6	39.80	247.9	43.68
	-12.6	-13.0	296.0	29.46	295.2	30.62	294.0	32.37	292.5	34.30	291.1	36.22	288.7	39.80	287.3	42.71	285.3	46.60
	-7.0	-7.6	339.8	32.96	338.2	34.12	335.7	35.87	333.7	37.79	331.7	39.72	329.0	43.29	327.4	46.21	325.1	50.09
	-4.0	-4.4	366.2	35.05	363.9	36.22	360.5	37.97	358.3	39.89	356.1	41.82	353.2	45.39	351.4	48.31	349.0	52.19
	0.0	-0.4	398.7	37.65	395.8	38.81	391.3	40.56	388.8	42.48	386.2	44.41	383.1	47.98	381.1	50.90	378.5	54.78
	5.0	4.5	439.3	40.88	435.5	42.05	429.8	43.80	426.8	45.72	423.8	47.65	418.1	50.18	411.1	50.86	401.8	51.77
	10.0	9.0	480.0	44.12	475.3	45.29	468.3	47.04	464.9	48.96	461.4	50.88	442.0	50.23	420.0	49.28	390.8	48.03
	15.0	14.0	519.8	47.30	514.3	48.46	506.1	50.21	489.1	50.09	472.0	49.97	444.3	48.64	419.2	47.10	385.7	45.04
	20.0	19.0	570.2	51.80	550.1	51.21	520.0	50.32	496.0	49.04	472.0	47.75	444.3	46.28	419.2	44.84	385.7	42.93
	25.0	23.0	570.2	50.90	550.1	49.81	520.0	48.18	496.0	46.75	472.0	45.32	444.3	43.96	419.2	42.63	385.7	40.86
	30.0	28.0	570.2	48.28	550.1	47.06	520.0	45.23	496.0	44.06	472.0	42.88	444.3	41.65	419.2	40.42	385.7	38.80
	35.0	32.0	570.2	44.60	550.1	43.67	520.0	42.28	496.0	41.36	472.0	40.44	444.3	39.33	419.2	38.21	385.7	36.73
	40.0	36.0	570.2	40.93	550.1	40.29	520.0	39.33	496.0	38.67	472.0	38.01	444.3	37.01	419.2	36.00	385.7	34.66
	45.0	41.0	570.2	37.35	550.1	36.98	520.0	36.42	496.0	36.00	472.0	35.57	444.3	34.70	419.2	33.79	385.7	32.59
	47.0	43.0	570.2	36.36	550.1	36.00	520.0	35.45	496.0	35.04	472.0	34.63	444.3	33.78	419.2	32.90	385.7	31.72
	50.0	46.0	570.2	35.02	550.1	34.67	520.0	34.15	496.0	33.75	472.0	33.35	444.3	32.53	419.2	31.68	385.7	30.55
	55.0	51.0	570.2	32.87	550.1	32.54	520.0	32.05	496.0	31.68	472.0	31.31	444.3	30.53	419.2	29.74	385.7	28.68
	60.0	56.0	570.2	30.56	550.1	30.26	520.0	29.81	496.0	29.46	472.0	29.11	444.3	28.39	419.2	27.65	385.7	26.67

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA

ARUM384BTE5 / ARUM384DTE5

384,000 Btu/h 208-230V / 460V Outdoor Units



MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-21.6	-22.0	222.4	19.23	221.4	21.99	220.1	26.13	218.7	28.95	217.4	31.76	215.7	35.70	214.6	38.13	213.1	41.37
	-17.1	-17.5	258.1	23.13	257.1	25.42	255.5	28.85	253.7	31.71	251.9	34.57	249.9	38.58	248.6	40.91	246.9	44.03
	-12.6	-13.0	293.9	26.85	292.7	28.85	290.9	31.85	290.4	34.61	289.9	37.38	287.5	41.45	286.1	43.70	284.1	46.70
	-7.0	-7.6	336.8	31.31	335.4	32.96	333.3	35.45	331.8	38.09	330.4	40.74	327.7	44.89	326.0	47.04	323.8	49.90
	-4.0	-4.4	362.6	33.99	361.1	35.43	358.8	37.60	356.7	40.18	354.6	42.76	351.8	46.96	350.0	49.04	347.6	51.82
	0.0	-0.4	393.3	37.29	391.7	38.48	389.3	40.27	386.9	42.76	384.6	45.26	380.5	49.03	376.5	50.00	371.1	51.29
	5.0	4.5	431.7	41.42	429.9	42.29	427.2	43.60	422.5	45.99	417.8	48.38	401.1	49.60	384.8	49.44	363.1	49.23
	10.0	9.0	464.9	45.55	459.4	46.10	451.0	46.93	441.5	48.29	432.0	49.66	406.6	48.85	382.8	47.68	351.1	46.11
	15.0	14.0	501.9	49.91	491.1	49.84	474.8	49.72	453.4	49.39	432.0	49.07	406.6	46.50	382.8	45.09	351.1	43.21
	20.0	19.0	522.4	50.12	503.4	49.60	474.8	48.82	453.4	47.54	432.0	46.27	406.6	43.82	382.8	42.48	351.1	40.69
	25.0	23.0	522.4	50.18	503.4	48.12	474.8	45.05	453.4	44.29	432.0	43.52	406.6	41.19	382.8	39.92	351.1	38.22
	30.0	28.0	522.4	46.75	503.4	45.03	474.8	42.45	453.4	41.61	432.0	40.78	406.6	38.56	382.8	37.36	351.1	35.76
	35.0	32.0	522.4	43.32	503.4	41.93	474.8	39.85	453.4	38.94	432.0	38.04	406.6	35.93	382.8	34.80	351.1	33.29
	40.0	36.0	522.4	39.89	503.4	38.84	474.8	37.25	453.4	36.27	432.0	35.29	406.6	33.30	382.8	32.24	351.1	30.82
	45.0	41.0	522.4	36.55	503.4	35.80	474.8	34.67	453.4	33.63	432.0	32.59	406.6	30.72	382.8	29.73	351.1	28.40
	47.0	43.0	522.4	35.58	503.4	34.85	474.8	33.75	453.4	32.74	432.0	31.73	406.6	29.91	382.8	28.94	351.1	27.65
	50.0	46.0	522.4	34.26	503.4	33.56	474.8	32.51	453.4	31.53	432.0	30.56	406.6	28.80	382.8	27.87	351.1	26.63
	55.0	51.0	522.4	32.16	503.4	31.50	474.8	30.51	453.4	29.60	432.0	28.68	406.6	27.04	382.8	26.16	351.1	24.99
60.0	56.0	522.4	29.91	503.4	29.29	474.8	28.37	453.4	27.52	432.0	26.67	406.6	25.14	382.8	24.33	351.1	23.24	
90	-21.6	-22.0	221.4	24.78	220.5	26.26	219.2	28.48	217.8	31.45	216.5	34.42	214.8	36.50	213.7	38.44	212.2	41.03
	-17.1	-17.5	257.1	27.70	256.0	29.18	254.4	31.39	252.6	34.36	250.9	37.34	248.9	39.41	247.6	41.35	245.9	43.94
	-12.6	-13.0	292.7	30.61	291.5	32.09	289.7	34.31	289.2	37.28	288.7	40.25	286.4	42.32	284.9	44.27	283.0	46.86
	-7.0	-7.6	335.5	34.11	334.1	35.59	332.0	37.80	330.5	40.78	329.0	43.75	326.3	45.82	324.7	47.77	322.5	50.36
	-4.0	-4.4	361.1	36.21	359.6	37.69	357.4	39.90	355.3	42.88	353.2	45.85	350.3	47.04	348.5	47.11	346.2	47.19
	0.0	-0.4	391.7	38.80	390.1	40.28	387.7	42.49	384.9	44.84	382.1	47.18	367.4	47.02	351.5	46.85	330.2	46.62
	5.0	4.5	433.4	42.04	428.1	43.52	420.1	45.73	407.9	46.37	395.6	47.00	372.3	46.32	349.7	45.08	319.4	43.43
	10.0	9.0	473.5	46.51	457.6	46.76	433.7	47.12	414.7	46.97	395.6	46.83	372.3	44.60	349.7	42.60	319.4	39.94
	15.0	14.0	479.1	47.13	461.0	47.03	433.7	46.89	414.7	45.81	395.6	44.74	372.3	42.31	349.7	40.40	319.4	37.85
	20.0	19.0	479.1	47.42	461.0	46.47	433.7	45.03	414.7	43.62	395.6	42.20	372.3	39.93	349.7	38.11	319.4	35.68
	25.0	23.0	479.1	44.61	461.0	43.71	433.7	42.36	414.7	41.04	395.6	39.71	372.3	37.59	349.7	35.86	319.4	33.55
	30.0	28.0	479.1	41.79	461.0	40.95	433.7	39.68	414.7	38.46	395.6	37.23	372.3	35.25	349.7	33.61	319.4	31.42
	35.0	32.0	479.1	38.97	461.0	38.19	433.7	37.01	414.7	35.87	395.6	34.74	372.3	32.91	349.7	31.36	319.4	29.29
	40.0	36.0	479.1	36.15	461.0	35.43	433.7	34.34	414.7	33.29	395.6	32.25	372.3	30.58	349.7	29.11	319.4	27.16
	45.0	41.0	479.1	33.39	461.0	32.71	433.7	31.71	414.7	30.75	395.6	29.80	372.3	28.28	349.7	26.90	319.4	25.07
	47.0	43.0	479.1	32.50	461.0	31.85	433.7	30.87	414.7	29.94	395.6	29.01	372.3	27.53	349.7	26.19	319.4	24.40
	50.0	46.0	479.1	31.30	461.0	30.67	433.7	29.73	414.7	28.83	395.6	27.94	372.3	26.51	349.7	25.22	319.4	23.50
	55.0	51.0	479.1	29.38	461.0	28.79	433.7	27.90	414.7	27.06	395.6	26.23	372.3	24.88	349.7	23.67	319.4	22.06
60.0	56.0	479.1	27.32	461.0	26.77	433.7	25.95	414.7	25.17	395.6	24.39	372.3	23.14	349.7	22.02	319.4	20.52	
80	-21.6	-22.0	220.5	24.99	219.6	26.62	218.3	29.07	216.9	30.82	215.6	32.57	213.9	37.20	212.8	39.63	211.4	42.87
	-17.1	-17.5	256.0	27.90	255.0	29.54	253.4	31.99	251.6	33.73	249.9	35.48	247.8	40.11	246.6	42.54	244.9	45.78
	-12.6	-13.0	291.5	30.82	290.3	32.45	288.5	34.90	287.0	36.65	285.6	38.40	284.2	41.85	284.1	41.75	284.1	41.62
	-7.0	-7.6	334.1	34.32	332.7	35.95	330.6	38.40	329.1	40.15	327.7	41.90	322.7	41.71	316.0	41.61	307.2	41.49
	-4.0	-4.4	359.6	36.42	358.1	38.05	355.9	40.50	353.8	41.15	351.7	41.81	331.3	41.62	312.9	41.53	288.2	41.41
	0.0	-0.4	393.9	39.83	388.5	40.64	380.4	41.85	367.4	41.77	354.3	41.70	332.3	41.25	312.5	40.61	286.1	39.75
	5.0	4.5	421.7	41.87	408.6	41.81	389.0	41.73	371.7	41.64	354.3	41.56	332.3	39.71	312.5	38.50	286.1	36.89
	10.0	9.0	428.6	41.73	412.8	41.68	389.0	41.60	371.7	40.97	354.3	40.34	332.3	37.73	312.5	36.56	286.1	35.00
	15.0	14.0	428.6	41.75	412.8	41.55	389.0	41.24	371.7	39.73	354.3	38.21	332.3	35.79	312.5	34.66	286.1	33.14
	20.0	19.0	428.6	40.62	412.8	39.90	389.0	38.83	371.7	37.41	354.3	35.99	332.3	33.77	312.5	32.67	286.1	31.21
	25.0	23.0	428.6	38.17	412.8	37.49	389.0	36.47	371.7	35.14	354.3	33.82	332.3	31.79	312.5	30.73	286.1	29.31
	30.0	28.0	428.6	35.71	412.8	35.07	389.0	34.10	371.7	32.87	354.3	31.65	332.3	29.82	312.5	28.79	286.1	27.42
	35.0	32.0	428.6	33.26	412.8	32.65	389.0	31.74	371.7	30.60	354.3	29.47	332.3	27.84	312.5	26.85	286.1	25.52
	40.0	36.0	428.6	30.81	412.8	30.24	389.0	29.37	371.7	28.34	354.3	27.30	332.3	25.86	312.5	24.90	286.1	23.63
	45.0	41.0	428.6	28.40	412.8	27.86	389.0	27.05	371.7	26.11	354.3	25.16	332.3	23.91	312.5	22.99	286.1	21.77
	47.0	43.0	428.6	27.65	412.8	27.12	389.0	26.34	371.7	25.42	354.3	24.50	332.3	23.27	312.5	22.38	286.1	21.19
	50.0	46.0	428.6	26.63	412.8	26.12	389.0	25.37	371.7	24.48	354.3	23.59	332.3	22.42	312.5	21.56	286.1	20.41
	55.0	51.0	428.6	25.00	412.8	24.52	389.0	23.81	371.7	22.98	354.3	22.14	332.3	21.04	312.5	20.23	286.1	19.16
60.0	56.0	428.6	23.24	412.8	22.80	389.0	22.14	371.7	21.37	354.3	20.59	332.3	19.57	312.5	18.82	286.1	17.82	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 The System Combination Ratio must be between 50-130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
 Current certified ratings are available at www.ahrirectory.org.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA

ARUM384BTE5 / ARUM384DTE5

384,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-21.6	-22.0	219.2	26.78	218.3	27.56	217.0	28.73	215.7	31.64	214.4	34.55	212.6	38.60	211.6	41.03	210.1	44.27
	-17.1	-17.5	254.5	29.70	253.5	30.47	251.9	31.64	250.1	34.55	248.4	37.47	246.4	40.35	245.1	40.27	243.5	40.16
	-12.6	-13.0	289.8	32.61	288.6	33.39	286.8	34.55	285.4	37.47	283.9	40.38	278.4	40.24	269.5	40.17	257.7	40.09
	-7.0	-7.6	330.9	36.11	330.7	36.89	330.5	38.05	315.4	39.15	300.3	40.24	283.8	40.11	267.5	40.06	245.8	40.00
	-4.0	-4.4	359.9	38.21	348.1	38.98	330.5	40.15	315.4	40.15	300.3	40.16	283.8	40.04	267.5	40.00	245.8	39.95
	0.0	-0.4	363.1	40.37	350.0	40.29	330.5	40.18	315.4	40.11	300.3	40.05	283.8	38.94	267.5	38.30	245.8	37.43
	5.0	4.5	363.1	40.13	350.0	40.04	330.5	39.89	315.4	39.29	300.3	38.68	283.8	36.87	267.5	36.18	245.8	35.26
	10.0	9.0	363.1	39.90	350.0	39.78	330.5	39.60	315.4	38.06	300.3	36.52	283.8	34.80	267.5	34.06	245.8	33.08
	15.0	14.0	363.1	40.43	350.0	39.29	330.5	37.58	315.4	36.00	300.3	34.41	283.8	32.77	267.5	31.99	245.8	30.95
	20.0	19.0	363.1	37.78	350.0	36.73	330.5	35.15	315.4	33.68	300.3	32.21	283.8	30.66	267.5	29.83	245.8	28.73
	25.0	23.0	363.1	35.20	350.0	34.22	330.5	32.77	315.4	31.41	300.3	30.06	283.8	28.58	267.5	27.71	245.8	26.55
	30.0	28.0	363.1	32.61	350.0	31.72	330.5	30.38	315.4	29.14	300.3	27.90	283.8	26.51	267.5	25.60	245.8	24.38
	35.0	32.0	363.1	30.02	350.0	29.21	330.5	27.99	315.4	26.87	300.3	25.74	283.8	24.44	267.5	23.48	245.8	22.20
	40.0	36.0	363.1	27.43	350.0	26.70	330.5	25.61	315.4	24.60	300.3	23.59	283.8	22.37	267.5	21.37	245.8	20.03
	45.0	41.0	363.1	24.91	350.0	24.26	330.5	23.29	315.4	22.39	300.3	21.49	283.8	20.36	267.5	19.32	245.8	17.93
	47.0	43.0	363.1	24.25	350.0	23.62	330.5	22.67	315.4	21.79	300.3	20.92	283.8	19.82	267.5	18.80	245.8	17.46
	50.0	46.0	363.1	23.36	350.0	22.75	330.5	21.83	315.4	20.99	300.3	20.15	283.8	19.08	267.5	18.11	245.8	16.81
55.0	51.0	363.1	21.92	350.0	21.35	330.5	20.49	315.4	19.70	300.3	18.91	283.8	17.91	267.5	17.00	245.8	15.78	
60.0	56.0	363.1	20.39	350.0	19.86	330.5	19.06	315.4	18.32	300.3	17.59	283.8	16.66	267.5	15.81	245.8	14.67	
60	-21.6	-22.0	203.0	24.68	202.1	25.46	200.9	26.62	199.7	29.54	198.5	32.45	196.8	36.50	195.8	38.93	194.5	42.17
	-17.1	-17.5	235.6	27.59	234.6	28.37	233.2	29.54	231.6	32.45	229.9	35.37	227.7	38.24	225.8	38.14	223.3	38.02
	-12.6	-13.0	268.9	30.51	267.1	31.29	264.5	32.45	261.1	35.37	257.6	38.28	242.5	38.12	229.2	38.03	211.4	37.91
	-7.0	-7.6	311.0	34.01	300.3	34.78	284.3	35.95	271.0	37.02	257.6	38.10	242.5	37.98	229.2	37.90	211.4	37.79
	-4.0	-4.4	311.0	36.10	300.3	36.88	284.3	38.05	271.0	38.02	257.6	37.99	242.5	37.40	229.2	36.28	211.4	34.79
	0.0	-0.4	311.0	38.27	300.3	38.23	284.3	38.16	271.0	37.66	257.6	37.15	242.5	35.83	229.2	34.61	211.4	32.98
	5.0	4.5	311.0	38.14	300.3	38.08	284.3	38.00	271.0	36.53	257.6	35.07	242.5	33.76	229.2	32.56	211.4	30.95
	10.0	9.0	311.0	38.79	300.3	37.94	284.3	36.66	271.0	34.82	257.6	32.99	242.5	31.68	229.2	30.50	211.4	28.93
	15.0	14.0	311.0	36.99	300.3	35.93	284.3	34.34	271.0	32.64	257.6	30.94	242.5	29.65	229.2	28.49	211.4	26.94
	20.0	19.0	311.0	34.51	300.3	33.47	284.3	31.92	271.0	30.37	257.6	28.82	242.5	27.53	229.2	26.39	211.4	24.87
	25.0	23.0	311.0	32.08	300.3	31.07	284.3	29.55	271.0	28.14	257.6	26.74	242.5	25.46	229.2	24.34	211.4	22.85
	30.0	28.0	311.0	29.65	300.3	28.66	284.3	27.18	271.0	25.92	257.6	24.65	242.5	23.39	229.2	22.29	211.4	20.82
	35.0	32.0	311.0	27.22	300.3	26.26	284.3	24.81	271.0	23.69	257.6	22.57	242.5	21.31	229.2	20.23	211.4	18.79
	40.0	36.0	311.0	24.79	300.3	23.85	284.3	22.45	271.0	21.47	257.6	20.49	242.5	19.24	229.2	18.18	211.4	16.76
	45.0	41.0	311.0	22.43	300.3	21.52	284.3	20.16	271.0	19.32	257.6	18.47	242.5	17.24	229.2	16.20	211.4	14.82
	47.0	43.0	311.0	21.84	300.3	20.95	284.3	19.63	271.0	18.80	257.6	17.98	242.5	16.78	229.2	15.77	211.4	14.43
	50.0	46.0	311.0	21.03	300.3	20.18	284.3	18.90	271.0	18.11	257.6	17.32	242.5	16.16	229.2	15.19	211.4	13.89
55.0	51.0	311.0	19.74	300.3	18.94	284.3	17.74	271.0	17.00	257.6	16.26	242.5	15.17	229.2	14.26	211.4	13.04	
60.0	56.0	311.0	18.36	300.3	17.61	284.3	16.50	271.0	15.81	257.6	15.12	242.5	14.11	229.2	13.26	211.4	12.13	
50	-21.6	-22.0	187.9	21.18	187.1	21.95	185.9	23.12	184.8	26.04	183.7	28.95	181.2	33.00	178.2	35.43	174.1	38.67
	-17.1	-17.5	218.1	24.09	217.2	24.87	215.8	26.04	211.6	28.95	207.3	31.86	199.5	34.72	191.6	34.58	181.0	34.39
	-12.6	-13.0	260.0	27.01	250.5	27.78	236.3	28.95	225.7	31.86	215.0	34.78	202.4	34.56	190.5	34.41	174.7	34.21
	-7.0	-7.6	260.0	30.50	250.5	31.28	236.3	32.45	225.7	33.51	215.0	34.58	202.4	33.68	190.5	32.04	174.7	29.84
	-4.0	-4.4	260.0	32.60	250.5	33.38	236.3	34.55	225.7	34.50	215.0	34.46	202.4	32.46	190.5	30.86	174.7	28.74
	0.0	-0.4	260.0	34.81	250.5	34.71	236.3	34.56	225.7	33.77	215.0	32.98	202.4	30.95	190.5	29.42	174.7	27.38
	5.0	4.5	260.0	35.46	250.5	34.53	236.3	33.15	225.7	32.05	215.0	30.96	202.4	29.06	190.5	27.61	174.7	25.68
	10.0	9.0	260.0	34.71	250.5	33.24	236.3	31.03	225.7	29.98	215.0	28.94	202.4	27.17	190.5	25.81	174.7	23.98
	15.0	14.0	260.0	32.37	250.5	31.00	236.3	28.95	225.7	27.95	215.0	26.96	202.4	25.32	190.5	24.04	174.7	22.32
	20.0	19.0	260.0	29.94	250.5	28.67	236.3	26.78	225.7	25.84	215.0	24.90	202.4	23.40	190.5	22.19	174.7	20.58
	25.0	23.0	260.0	27.55	250.5	26.39	236.3	24.66	225.7	23.77	215.0	22.87	202.4	21.51	190.5	20.39	174.7	18.88
	30.0	28.0	260.0	25.16	250.5	24.11	236.3	22.54	225.7	21.70	215.0	20.85	202.4	19.62	190.5	18.58	174.7	17.18
	35.0	32.0	260.0	22.78	250.5	21.83	236.3	20.42	225.7	19.63	215.0	18.83	202.4	17.74	190.5	16.77	174.7	15.49
	40.0	36.0	260.0	20.39	250.5	19.55	236.3	18.29	225.7	17.55	215.0	16.81	202.4	15.85	190.5	14.96	174.7	13.79
	45.0	41.0	260.0	18.10	250.5	17.36	236.3	16.26	225.7	15.57	215.0	14.87	202.4	14.04	190.5	13.23	174.7	12.16
	47.0	43.0	260.0	17.62	250.5	16.90	236.3	15.82	225.7	15.15	215.0	14.48	202.4	13.67	190.5	12.88	174.7	11.84
	50.0	46.0	260.0	16.97	250.5	16.28	236.3	15.24	225.7	14.59	215.0	13.95	202.4	13.16	190.5	12.41	174.7	11.40
55.0	51.0	260.0	15.93	250.5	15.28	236.3	14.31	225.7	13.70	215.0	13.09	202.4	12.35	190.5	11.64	174.7	10.70	
60.0	56.0	260.0	14.81	250.5	14.21	236.3	13.30	225.7	12.74	215.0	12.17	202.4	11.49	190.5	10.83	174.7	9.95	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA



ARUM408BTE5 / ARUM408DTE5

408,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-21.6	-22.0	240.2	15.78	239.2	17.96	237.7	21.22	236.3	24.30	234.9	27.39	233.0	31.34	231.8	33.59	230.2	36.58
	-17.1	-17.5	278.9	19.02	277.7	21.15	276.0	24.34	274.1	27.32	272.2	30.30	270.0	33.92	268.6	35.92	266.7	38.58
	-12.6	-13.0	329.3	22.26	325.7	24.34	320.3	27.46	316.7	30.33	313.2	33.20	310.6	36.50	309.1	38.25	307.0	40.58
	-7.0	-7.6	375.2	26.14	371.1	28.17	365.0	31.20	360.9	33.95	356.9	36.69	354.0	39.59	352.2	41.04	349.8	42.98
	-4.0	-4.4	402.8	28.48	398.4	30.46	391.8	33.45	387.5	36.12	383.1	38.79	380.0	41.45	378.1	42.72	375.5	44.42
	0.0	-0.4	436.8	31.35	432.1	33.30	424.9	36.22	420.2	38.79	415.5	41.37	412.1	43.74	410.0	44.79	407.2	46.20
	5.0	4.5	479.4	34.95	474.2	36.85	466.3	39.68	461.2	42.14	456.0	44.60	452.3	46.60	450.0	47.38	446.9	48.43
	10.0	9.0	521.9	38.55	516.2	40.39	507.7	43.15	502.1	45.49	496.5	47.83	492.4	49.47	489.9	49.97	486.6	50.65
	15.0	14.0	563.6	42.08	557.5	43.86	548.3	46.55	542.2	48.77	536.1	51.00	531.8	52.12	529.1	52.02	525.5	51.89
	20.0	19.0	603.5	45.75	598.3	47.48	590.5	50.08	583.5	50.99	576.4	51.90	558.3	50.87	526.9	49.80	485.1	48.37
	25.0	23.0	612.1	50.34	612.9	51.03	614.0	52.05	604.9	51.35	595.8	50.65	559.6	48.47	526.5	47.41	482.3	46.01
	30.0	28.0	612.9	52.16	612.9	52.00	612.9	51.77	604.3	49.95	595.8	48.12	559.6	46.07	526.5	45.03	482.3	43.64
	35.0	32.0	612.9	53.19	612.9	51.77	612.9	49.65	604.3	47.62	595.8	45.59	559.6	43.66	526.5	42.64	482.3	41.28
	40.0	36.0	612.9	51.02	612.9	49.13	612.9	46.29	604.3	44.67	595.8	43.05	559.6	41.26	526.5	40.26	482.3	38.92
	45.0	41.0	612.9	45.36	612.9	44.40	612.9	42.97	604.3	41.74	595.8	40.51	559.6	38.84	526.5	37.86	482.3	36.55
	47.0	43.0	612.9	44.15	612.9	43.22	612.9	41.83	604.3	40.63	595.8	39.43	559.6	37.81	526.5	36.86	482.3	35.58
	50.0	46.0	612.9	42.52	612.9	41.63	612.9	40.29	604.3	39.13	595.8	37.98	559.6	36.42	526.5	35.50	482.3	34.27
55.0	51.0	612.9	39.91	612.9	39.07	612.9	37.81	604.3	36.73	595.8	35.65	559.6	34.18	526.5	33.32	482.3	32.16	
60.0	56.0	612.9	37.12	612.9	36.34	612.9	35.16	604.3	34.16	595.8	33.15	559.6	31.79	526.5	30.98	482.3	29.91	
120	-21.6	-22.0	238.5	19.44	237.5	21.07	236.0	23.51	234.6	25.65	233.2	27.78	231.3	29.14	230.2	29.45	228.6	29.86
	-17.1	-17.5	276.9	22.49	275.7	24.12	274.0	26.56	272.1	28.70	270.2	30.83	268.0	32.19	266.7	32.50	264.9	32.91
	-12.6	-13.0	320.8	25.54	318.8	27.17	315.8	29.61	313.4	31.75	311.0	33.88	308.4	35.25	306.9	35.55	304.8	35.96
	-7.0	-7.6	370.4	29.21	366.8	30.83	361.6	33.27	358.0	35.41	354.4	37.54	351.5	38.91	349.7	39.21	347.3	39.62
	-4.0	-4.4	397.6	31.40	393.8	33.03	388.2	35.47	384.3	37.60	380.4	39.74	377.3	41.10	375.4	41.41	372.8	41.81
	0.0	-0.4	431.2	34.11	427.1	35.74	421.0	38.18	416.8	40.32	412.6	42.45	409.2	43.81	407.1	44.12	404.4	44.53
	5.0	4.5	473.2	37.50	468.7	39.13	462.0	41.57	457.4	43.71	452.8	45.84	449.1	47.20	446.8	47.51	443.7	47.92
	10.0	9.0	515.2	40.89	510.3	42.52	503.0	44.96	498.0	47.10	492.9	49.23	488.9	50.59	486.5	50.90	483.1	51.31
	15.0	14.0	556.3	44.21	551.1	45.84	543.2	48.28	537.8	50.42	532.3	52.55	518.9	53.67	496.8	53.44	467.3	53.13
	20.0	19.0	597.1	47.67	591.8	49.30	583.7	51.74	571.1	51.90	558.6	52.07	526.3	51.10	494.2	50.81	451.4	50.43
	25.0	23.0	612.2	52.76	607.9	52.69	601.5	52.59	580.1	51.04	558.6	49.49	526.3	48.59	494.2	48.24	451.4	47.78
	30.0	28.0	612.2	52.87	607.9	51.57	601.5	49.62	580.1	48.27	558.6	46.91	526.3	46.08	494.2	45.67	451.4	45.12
	35.0	32.0	612.2	49.44	607.9	48.32	601.5	46.65	580.1	45.49	558.6	44.33	526.3	43.56	494.2	43.10	451.4	42.47
	40.0	36.0	612.2	46.01	607.9	45.08	601.5	43.69	580.1	42.72	558.6	41.76	526.3	41.05	494.2	40.53	451.4	39.82
	45.0	41.0	612.2	42.63	607.9	41.88	601.5	40.74	580.1	39.96	558.6	39.17	526.3	38.54	494.2	37.96	451.4	37.19
	47.0	43.0	612.2	41.50	607.9	40.76	601.5	39.66	580.1	38.90	558.6	38.14	526.3	37.51	494.2	36.95	451.4	36.20
	50.0	46.0	612.2	39.97	607.9	39.26	601.5	38.20	580.1	37.46	558.6	36.73	526.3	36.13	494.2	35.59	451.4	34.87
55.0	51.0	612.2	37.52	607.9	36.85	601.5	35.85	580.1	35.16	558.6	34.47	526.3	33.91	494.2	33.40	451.4	32.73	
60.0	56.0	612.2	34.89	607.9	34.27	601.5	33.34	580.1	32.70	558.6	32.06	526.3	31.54	494.2	31.06	451.4	30.43	
110	-21.6	-22.0	237.2	24.73	236.2	25.95	234.8	27.78	233.4	29.80	232.0	31.81	230.1	35.55	228.9	38.60	227.3	42.67
	-17.1	-17.5	275.4	27.78	274.3	29.00	272.5	30.83	270.7	32.85	268.8	34.86	266.6	38.60	265.2	41.65	263.4	45.72
	-12.6	-13.0	314.5	30.83	313.6	32.05	312.3	33.88	310.8	35.90	309.3	37.91	306.8	41.65	305.2	44.70	303.1	48.77
	-7.0	-7.6	361.0	34.49	359.3	35.71	356.7	37.54	354.6	39.56	352.4	41.57	349.6	45.31	347.8	48.36	345.4	52.43
	-4.0	-4.4	389.1	36.69	386.7	37.91	383.1	39.74	380.7	41.75	378.4	43.77	375.3	47.51	373.4	50.56	370.8	54.63
	0.0	-0.4	423.6	39.40	420.5	40.62	415.8	42.45	413.1	44.47	410.3	46.48	407.0	50.22	404.9	53.27	402.2	57.34
	5.0	4.5	466.8	42.79	462.8	44.01	456.7	45.84	453.5	47.85	450.3	49.87	444.2	52.52	436.8	53.23	426.9	54.18
	10.0	9.0	510.0	46.18	505.0	47.40	497.6	49.23	493.9	51.24	490.3	53.26	469.6	52.57	446.3	51.58	415.2	50.27
	15.0	14.0	552.3	49.50	546.5	50.72	537.7	52.55	519.6	52.43	501.5	52.30	472.1	50.91	445.4	49.29	409.8	47.14
	20.0	19.0	605.9	54.22	584.5	53.60	552.4	52.67	527.0	51.32	501.5	49.98	472.1	48.44	445.4	46.93	409.8	44.93
	25.0	23.0	605.9	53.27	584.5	52.13	552.4	50.43	527.0	48.93	501.5	47.43	472.1	46.01	445.4	44.62	409.8	42.77
	30.0	28.0	605.9	50.53	584.5	49.25	552.4	47.34	527.0	46.11	501.5	44.88	472.1	43.59	445.4	42.31	409.8	40.60
	35.0	32.0	605.9	46.68	584.5	45.71	552.4	44.25	527.0	43.29	501.5	42.33	472.1	41.16	445.4	40.00	409.8	38.44
	40.0	36.0	605.9	42.84	584.5	42.17	552.4	41.16	527.0	40.47	501.5	39.78	472.1	38.74	445.4	37.68	409.8	36.28
	45.0	41.0	605.9	39.09	584.5	38.70	552.4	38.12	527.0	37.68	501.5	37.23	472.1	36.31	445.4	35.37	409.8	34.11
	47.0	43.0	605.9	38.05	584.5	37.67	552.4	37.11	527.0	36.68	501.5	36.25	472.1	35.35	445.4	34.43	409.8	33.20
	50.0	46.0	605.9	36.65	584.5	36.29	552.4	35.74	527.0	35.32	501.5	34.91	472.1	34.05	445.4	33.16	409.8	31.98
55.0	51.0	605.9	34.40	584.5	34.06	552.4	33.55	527.0	33.16	501.5	32.77	472.1	31.96	445.4	31.12	409.8	30.01	
60.0	56.0	605.9	31.99	584.5	31.67	552.4	31.20	527.0	30.83	501.5	30.47	472.1	29.72	445.4	28.94	409.8	27.91	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahrirectory.org.

Note:

Low ambient performance with LGRED® heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA

ARUM408BTE5 / ARUM408DTE5

408,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
			°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-21.6	-22.0	236.3	20.13	235.3	23.02	233.8	27.35	232.4	30.30	231.0	33.25	229.1	37.37	228.0	39.91	226.4	43.30
	-17.1	-17.5	274.3	24.21	273.1	26.61	271.4	30.20	269.5	33.19	267.7	36.18	265.5	40.37	264.1	42.82	262.3	46.09
	-12.6	-13.0	312.3	28.10	311.0	30.20	309.0	33.33	308.5	36.23	308.0	39.12	305.5	43.38	304.0	45.74	301.9	48.88
	-7.0	-7.6	357.9	32.77	356.4	34.50	354.2	37.10	352.6	39.87	351.0	42.64	348.2	46.99	346.4	49.23	344.0	52.23
	-4.0	-4.4	385.2	35.57	383.7	37.09	381.3	39.36	379.0	42.06	376.8	44.76	373.7	49.15	371.8	51.33	369.3	54.24
	0.0	-0.4	417.9	39.03	416.2	40.28	413.6	42.15	411.1	44.76	408.6	47.37	404.3	51.32	400.0	52.33	394.3	53.68
	5.0	4.5	458.6	43.35	456.7	44.26	453.9	45.63	448.9	48.13	443.9	50.63	426.2	51.91	408.9	51.75	385.8	51.53
	10.0	9.0	494.0	47.67	488.1	48.25	479.2	49.12	469.1	50.55	459.0	51.97	432.0	51.13	406.7	49.90	373.0	48.26
	15.0	14.0	533.2	52.24	521.8	52.16	504.5	52.04	481.8	51.70	459.0	51.35	432.0	48.67	406.7	47.19	373.0	45.22
	20.0	19.0	555.1	52.46	534.9	51.91	504.5	51.09	481.8	49.76	459.0	48.43	432.0	45.86	406.7	44.46	373.0	42.59
	25.0	23.0	555.1	52.52	534.9	50.37	504.5	47.15	481.8	46.35	459.0	45.55	432.0	43.11	406.7	41.78	373.0	40.01
	30.0	28.0	555.1	48.93	534.9	47.13	504.5	44.43	481.8	43.55	459.0	42.68	432.0	40.36	406.7	39.10	373.0	37.42
	35.0	32.0	555.1	45.34	534.9	43.89	504.5	41.71	481.8	40.76	459.0	39.81	432.0	37.61	406.7	36.42	373.0	34.84
	40.0	36.0	555.1	41.75	534.9	40.65	504.5	38.99	481.8	37.96	459.0	36.94	432.0	34.86	406.7	33.74	373.0	32.26
	45.0	41.0	555.1	38.25	534.9	37.47	504.5	36.29	481.8	35.20	459.0	34.11	432.0	32.16	406.7	31.12	373.0	29.73
	47.0	43.0	555.1	37.24	534.9	36.47	504.5	35.33	481.8	34.27	459.0	33.21	432.0	31.30	406.7	30.29	373.0	28.94
	50.0	46.0	555.1	35.86	534.9	35.13	504.5	34.02	481.8	33.00	459.0	31.98	432.0	30.15	406.7	29.17	373.0	27.87
	55.0	51.0	555.1	33.66	534.9	32.97	504.5	31.94	481.8	30.98	459.0	30.02	432.0	28.30	406.7	27.38	373.0	26.16
60.0	56.0	555.1	31.30	534.9	30.66	504.5	29.70	481.8	28.81	459.0	27.92	432.0	26.31	406.7	25.46	373.0	24.33	
90	-21.6	-22.0	235.3	25.94	234.3	27.49	232.8	29.81	231.5	32.92	230.1	36.03	228.2	38.20	227.0	40.23	225.5	42.94
	-17.1	-17.5	273.1	28.99	272.0	30.54	270.3	32.86	268.4	35.97	266.6	39.08	264.4	41.25	263.1	43.28	261.3	45.99
	-12.6	-13.0	311.0	32.04	309.7	33.59	307.8	35.91	307.3	39.02	306.7	42.13	304.3	44.30	302.7	46.33	300.6	49.04
	-7.0	-7.6	356.4	35.70	354.9	37.25	352.7	39.57	351.1	42.68	349.6	45.79	346.7	47.96	345.0	49.99	342.6	52.71
	-4.0	-4.4	383.7	37.90	382.1	39.45	379.7	41.76	377.5	44.88	375.3	47.99	372.2	49.24	370.3	49.30	367.8	49.39
	0.0	-0.4	416.2	40.61	414.5	42.16	411.9	44.48	408.9	46.93	406.0	49.38	390.4	49.21	373.4	49.03	350.8	48.79
	5.0	4.5	460.5	44.00	454.9	45.55	446.4	47.86	433.4	48.53	420.4	49.20	395.6	48.48	371.5	47.18	339.4	45.45
	10.0	9.0	503.1	48.68	486.2	48.94	460.9	49.32	440.6	49.16	420.4	49.01	395.6	46.68	371.5	44.59	339.4	41.80
	15.0	14.0	509.1	49.33	489.8	49.23	460.9	49.07	440.6	47.95	420.4	46.83	395.6	44.28	371.5	42.28	339.4	39.62
	20.0	19.0	509.1	49.64	489.8	48.64	460.9	47.13	440.6	45.65	420.4	44.17	395.6	41.79	371.5	39.88	339.4	37.35
	25.0	23.0	509.1	46.69	489.8	45.75	460.9	44.34	440.6	42.95	420.4	41.57	395.6	39.34	371.5	37.53	339.4	35.12
	30.0	28.0	509.1	43.74	489.8	42.86	460.9	41.54	440.6	40.25	420.4	38.96	395.6	36.90	371.5	35.18	339.4	32.89
	35.0	32.0	509.1	40.79	489.8	39.97	460.9	38.74	440.6	37.55	420.4	36.36	395.6	34.45	371.5	32.82	339.4	30.66
	40.0	36.0	509.1	37.84	489.8	37.08	460.9	35.94	440.6	34.85	420.4	33.75	395.6	32.00	371.5	30.47	339.4	28.43
	45.0	41.0	509.1	34.94	489.8	34.24	460.9	33.19	440.6	32.19	420.4	31.19	395.6	29.59	371.5	28.16	339.4	26.24
	47.0	43.0	509.1	34.02	489.8	33.33	460.9	32.31	440.6	31.34	420.4	30.37	395.6	28.81	371.5	27.41	339.4	25.54
	50.0	46.0	509.1	32.76	489.8	32.10	460.9	31.11	440.6	30.18	420.4	29.25	395.6	27.75	371.5	26.40	339.4	24.60
	55.0	51.0	509.1	30.75	489.8	30.13	460.9	29.20	440.6	28.33	420.4	27.45	395.6	26.04	371.5	24.78	339.4	23.09
60.0	56.0	509.1	28.60	489.8	28.02	460.9	27.16	440.6	26.34	420.4	25.53	395.6	24.22	371.5	23.04	339.4	21.47	
80	-21.6	-22.0	234.3	26.16	233.3	27.86	231.9	30.43	230.5	32.26	229.1	34.09	227.3	38.93	226.1	41.48	224.6	44.87
	-17.1	-17.5	272.0	29.21	270.9	30.91	269.2	33.48	267.3	35.31	265.5	37.14	263.3	41.98	262.0	44.53	260.2	47.92
	-12.6	-13.0	309.7	32.26	308.4	33.97	306.5	36.53	305.0	38.36	303.4	40.19	301.9	43.80	301.9	43.70	301.8	43.56
	-7.0	-7.6	355.0	35.92	353.5	37.63	351.3	40.19	349.7	42.02	348.1	43.85	342.8	43.65	335.8	43.55	326.4	43.43
	-4.0	-4.4	382.1	38.11	380.5	39.82	378.1	42.38	375.9	43.07	373.6	43.76	352.1	43.56	332.4	43.47	306.3	43.34
	0.0	-0.4	418.5	41.69	412.8	42.53	404.2	43.80	390.3	43.72	376.5	43.64	353.1	43.17	332.1	42.50	304.0	41.60
	5.0	4.5	448.0	43.82	434.2	43.76	413.3	43.67	394.9	43.59	376.5	43.50	353.1	41.56	332.1	40.30	304.0	38.61
	10.0	9.0	455.4	43.67	438.6	43.62	413.3	43.55	394.9	42.88	376.5	42.22	353.1	39.49	332.1	38.27	304.0	36.63
	15.0	14.0	455.4	43.70	438.6	43.48	413.3	43.17	394.9	41.58	376.5	39.99	353.1	37.46	332.1	36.27	304.0	34.69
	20.0	19.0	455.4	42.51	438.6	41.76	413.3	40.64	394.9	39.16	376.5	37.67	353.1	35.35	332.1	34.20	304.0	32.66
	25.0	23.0	455.4	39.95	438.6	39.23	413.3	38.17	394.9	36.78	376.5	35.40	353.1	33.28	332.1	32.17	304.0	30.68
	30.0	28.0	455.4	37.38	438.6	36.70	413.3	35.69	394.9	34.41	376.5	33.12	353.1	31.21	332.1	30.13	304.0	28.70
	35.0	32.0	455.4	34.81	438.6	34.17	413.3	33.22	394.9	32.03	376.5	30.85	353.1	29.13	332.1	28.10	304.0	26.72
	40.0	36.0	455.4	32.25	438.6	31.65	413.3	30.74	394.9	29.66	376.5	28.57	353.1	27.06	332.1	26.06	304.0	24.73
	45.0	41.0	455.4	29.73	438.6	29.16	413.3	28.32	394.9	27.33	376.5	26.34	353.1	25.02	332.1	24.07	304.0	22.79
	47.0	43.0	455.4	28.94	438.6	28.39	413.3	27.56	394.9	26.60	376.5	25.64	353.1	24.36	332.1	23.43	304.0	22.18
	50.0	46.0	455.4	27.87	438.6	27.34	413.3	26.55	394.9	25.62	376.5	24.69	353.1	23.46	332.1	22.56	304.0	21.36
	55.0	51.0	455.4	26.16	438.6	25.66	413.3	24.92	394.9	24.05	376.5	23.18	353.1	22.02	332.1	21.18	304.0	20.05
60.0	56.0	455.4	24.33	438.6	23.87	413.3	23.17	394.9	22.36	376.5	21.55	353.1	20.48	332.1	19.69	304.0	18.65	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA

ARUM408BTE5 / ARUM408DTE5

408,000 Btu/h 208-230V / 460V Outdoor Units



MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-21.6	-22.0	232.9	28.03	232.0	28.84	230.5	30.07	229.2	33.12	227.8	36.17	225.9	40.40	224.8	42.95	223.2	46.33
	-17.1	-17.5	270.4	31.08	269.3	31.90	267.6	33.12	265.8	36.17	263.9	39.22	261.8	42.23	260.4	42.14	258.7	42.03
	-12.6	-13.0	307.9	34.13	306.6	34.95	304.7	36.17	303.2	39.22	301.7	42.27	295.8	42.12	286.3	42.05	273.8	41.96
	-7.0	-7.6	351.6	37.79	351.4	38.61	351.2	39.83	335.1	40.97	319.1	42.12	301.5	41.98	284.2	41.93	261.2	41.86
	-4.0	-4.4	382.3	39.99	369.9	40.80	351.2	42.02	335.1	42.03	319.1	42.03	301.5	41.90	284.2	41.86	261.2	41.81
	0.0	-0.4	385.8	42.25	371.9	42.17	351.2	42.05	335.1	41.98	319.1	41.92	301.5	40.76	284.2	40.08	261.2	39.18
	5.0	4.5	385.8	42.01	371.9	41.90	351.2	41.75	335.1	41.12	319.1	40.49	301.5	38.59	284.2	37.87	261.2	36.90
	10.0	9.0	385.8	41.76	371.9	41.64	351.2	41.45	335.1	39.84	319.1	38.23	301.5	36.42	284.2	35.65	261.2	34.62
	15.0	14.0	385.8	42.31	371.9	41.12	351.2	39.34	335.1	37.68	319.1	36.02	301.5	34.30	284.2	33.48	261.2	32.39
	20.0	19.0	385.8	39.55	371.9	38.44	351.2	36.79	335.1	35.25	319.1	33.71	301.5	32.09	284.2	31.22	261.2	30.07
	25.0	23.0	385.8	36.84	371.9	35.82	351.2	34.29	335.1	32.88	319.1	31.46	301.5	29.92	284.2	29.01	261.2	27.79
	30.0	28.0	385.8	34.13	371.9	33.19	351.2	31.80	335.1	30.50	319.1	29.20	301.5	27.75	284.2	26.79	261.2	25.52
	35.0	32.0	385.8	31.42	371.9	30.57	351.2	29.30	335.1	28.12	319.1	26.94	301.5	25.58	284.2	24.58	261.2	23.24
	40.0	36.0	385.8	28.71	371.9	27.94	351.2	26.80	335.1	25.74	319.1	24.69	301.5	23.41	284.2	22.36	261.2	20.96
	45.0	41.0	385.8	26.07	371.9	25.39	351.2	24.37	335.1	23.43	319.1	22.49	301.5	21.31	284.2	20.22	261.2	18.77
	47.0	43.0	385.8	25.38	371.9	24.72	351.2	23.73	335.1	22.81	319.1	21.90	301.5	20.74	284.2	19.68	261.2	18.27
50.0	46.0	385.8	24.45	371.9	23.81	351.2	22.85	335.1	21.97	319.1	21.09	301.5	19.98	284.2	18.96	261.2	17.60	
55.0	51.0	385.8	22.95	371.9	22.35	351.2	21.45	335.1	20.62	319.1	19.79	301.5	18.75	284.2	17.79	261.2	16.52	
60.0	56.0	385.8	21.34	371.9	20.78	351.2	19.95	335.1	19.18	319.1	18.41	301.5	17.44	284.2	16.55	261.2	15.36	
60	-21.6	-22.0	215.6	25.83	214.7	26.64	213.4	27.86	212.1	30.91	210.9	33.97	209.1	38.20	208.1	40.74	206.7	44.13
	-17.1	-17.5	250.3	28.88	249.3	29.69	247.7	30.91	246.0	33.97	244.3	37.02	242.0	40.02	239.9	39.92	237.2	39.79
	-12.6	-13.0	285.7	31.93	283.8	32.75	281.0	33.97	277.4	37.02	273.7	40.07	257.7	39.90	243.5	39.80	224.7	39.68
	-7.0	-7.6	330.4	35.59	319.1	36.41	302.1	37.63	287.9	38.75	273.7	39.88	257.7	39.75	243.5	39.66	224.7	39.55
	-4.0	-4.4	330.4	37.79	319.1	38.60	302.1	39.82	287.9	39.79	273.7	39.76	257.7	39.15	243.5	37.98	224.7	36.41
	0.0	-0.4	330.4	40.06	319.1	40.01	302.1	39.94	287.9	39.41	273.7	38.88	257.7	37.50	243.5	36.22	224.7	34.52
	5.0	4.5	330.4	39.92	319.1	39.86	302.1	39.77	287.9	38.24	273.7	36.70	257.7	35.33	243.5	34.07	224.7	32.40
	10.0	9.0	330.4	40.60	319.1	39.71	302.1	38.37	287.9	36.45	273.7	34.52	257.7	33.16	243.5	31.92	224.7	30.28
	15.0	14.0	330.4	38.71	319.1	37.60	302.1	35.94	287.9	34.16	273.7	32.39	257.7	31.03	243.5	29.82	224.7	28.20
	20.0	19.0	330.4	36.12	319.1	35.03	302.1	33.41	287.9	31.79	273.7	30.16	257.7	28.82	243.5	27.62	224.7	26.03
	25.0	23.0	330.4	33.57	319.1	32.52	302.1	30.93	287.9	29.46	273.7	27.98	257.7	26.65	243.5	25.47	224.7	23.91
	30.0	28.0	330.4	31.03	319.1	30.00	302.1	28.45	287.9	27.13	273.7	25.80	257.7	24.48	243.5	23.32	224.7	21.79
	35.0	32.0	330.4	28.49	319.1	27.48	302.1	25.97	287.9	24.80	273.7	23.62	257.7	22.30	243.5	21.17	224.7	19.67
	40.0	36.0	330.4	25.94	319.1	24.96	302.1	23.49	287.9	22.47	273.7	21.44	257.7	20.13	243.5	19.02	224.7	17.55
	45.0	41.0	330.4	23.48	319.1	22.53	302.1	21.10	287.9	20.22	273.7	19.33	257.7	18.04	243.5	16.96	224.7	15.51
	47.0	43.0	330.4	22.86	319.1	21.93	302.1	20.54	287.9	19.68	273.7	18.82	257.7	17.56	243.5	16.51	224.7	15.10
50.0	46.0	330.4	22.01	319.1	21.12	302.1	19.78	287.9	18.95	273.7	18.13	257.7	16.91	243.5	15.90	224.7	14.54	
55.0	51.0	330.4	20.66	319.1	19.82	302.1	18.57	287.9	17.79	273.7	17.01	257.7	15.88	243.5	14.92	224.7	13.65	
60.0	56.0	330.4	19.21	319.1	18.43	302.1	17.27	287.9	16.54	273.7	15.82	257.7	14.76	243.5	13.88	224.7	12.69	
50	-21.6	-22.0	199.6	22.17	198.8	22.98	197.6	24.20	196.4	27.25	195.2	30.30	192.6	34.54	189.3	37.08	185.0	40.47
	-17.1	-17.5	231.7	25.22	230.8	26.03	229.3	27.25	224.8	30.30	220.3	33.35	211.9	36.33	203.5	36.19	192.4	36.00
	-12.6	-13.0	276.3	28.27	266.2	29.08	251.1	30.30	239.8	33.35	228.4	36.40	215.0	36.17	202.4	36.01	185.6	35.80
	-7.0	-7.6	276.3	31.93	266.2	32.74	251.1	33.96	239.8	35.08	228.4	36.19	215.0	35.25	202.4	33.53	185.6	31.23
	-4.0	-4.4	276.3	34.12	266.2	34.94	251.1	36.16	239.8	36.11	228.4	36.07	215.0	33.97	202.4	32.30	185.6	30.08
	0.0	-0.4	276.3	36.44	266.2	36.33	251.1	36.18	239.8	35.35	228.4	34.52	215.0	32.39	202.4	30.79	185.6	28.66
	5.0	4.5	276.3	37.11	266.2	36.14	251.1	34.70	239.8	33.55	228.4	32.40	215.0	30.42	202.4	28.90	185.6	26.88
	10.0	9.0	276.3	36.33	266.2	34.79	251.1	32.48	239.8	31.38	228.4	30.29	215.0	28.44	202.4	27.01	185.6	25.10
	15.0	14.0	276.3	33.88	266.2	32.45	251.1	30.30	239.8	29.26	228.4	28.21	215.0	26.50	202.4	25.16	185.6	23.36
	20.0	19.0	276.3	31.33	266.2	30.01	251.1	28.03	239.8	27.04	228.4	26.06	215.0	24.49	202.4	23.23	185.6	21.54
	25.0	23.0	276.3	28.83	266.2	27.62	251.1	25.81	239.8	24.88	228.4	23.94	215.0	22.51	202.4	21.34	185.6	19.76
	30.0	28.0	276.3	26.34	266.2	25.24	251.1	23.59	239.8	22.71	228.4	21.83	215.0	20.54	202.4	19.44	185.6	17.99
	35.0	32.0	276.3	23.84	266.2	22.85	251.1	21.37	239.8	20.54	228.4	19.71	215.0	18.56	202.4	17.55	185.6	16.21
	40.0	36.0	276.3	21.34	266.2	20.46	251.1	19.15	239.8	18.37	228.4	17.60	215.0	16.59	202.4	15.66	185.6	14.43
	45.0	41.0	276.3	18.94	266.2	18.17	251.1	17.01	239.8	16.29	228.4	15.57	215.0	14.69	202.4	13.85	185.6	12.72
	47.0	43.0	276.3	18.44	266.2	17.69	251.1	16.56	239.8	15.86	228.4	15.16	215.0	14.30	202.4	13.48	185.6	12.39
50.0	46.0	276.3	17.76	266.2	17.04	251.1	15.95	239.8	15.27	228.4	14.60	215.0	13.78	202.4	12.98	185.6	11.93	
55.0	51.0	276.3	16.67	266.2	15.99	251.1	14.97	239.8	14.34	228.4	13.70	215.0	12.93	202.4	12.19	185.6	11.20	
60.0	56.0	276.3	15.50	266.2	14.87	251.1	13.92	239.8	13.33	228.4	12.74	215.0	12.02	202.4	11.33	185.6	10.41	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50-130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahrirectory.org.

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-21.6	-22.0	254.4	16.87	253.3	19.20	251.7	22.68	250.2	25.98	248.7	29.28	246.7	33.50	245.4	35.90	243.8	39.10
	-17.1	-17.5	295.3	20.33	294.1	22.61	292.2	26.02	290.2	29.20	288.2	32.39	285.8	36.26	284.4	38.39	282.4	41.24
	-12.6	-13.0	348.6	23.79	344.8	26.02	339.1	29.35	335.4	32.42	331.6	35.49	328.9	39.01	327.2	40.89	325.0	43.38
	-7.0	-7.6	397.3	27.95	393.0	30.11	386.5	33.35	382.2	36.29	377.9	39.22	374.8	42.32	372.9	43.88	370.4	45.95
	-4.0	-4.4	426.5	30.44	421.8	32.56	414.9	35.75	410.3	38.61	405.7	41.46	402.4	44.30	400.3	45.67	397.6	47.49
	0.0	-0.4	462.5	33.52	457.5	35.60	449.9	38.72	444.9	41.47	440.0	44.22	436.4	46.75	434.2	47.88	431.2	49.39
	5.0	4.5	507.6	37.36	502.1	39.39	493.8	42.42	488.3	45.05	482.8	47.68	478.9	49.81	476.5	50.65	473.2	51.77
	10.0	9.0	552.6	41.21	546.6	43.18	537.6	46.12	531.6	48.63	525.7	51.13	521.4	52.88	518.8	53.42	515.2	54.14
	15.0	14.0	596.8	44.98	590.3	46.89	580.5	49.76	574.1	52.13	567.7	54.51	563.1	55.71	560.2	55.61	556.4	55.47
	20.0	19.0	639.0	48.90	633.5	50.75	625.2	53.53	617.8	54.51	610.3	55.48	591.2	54.38	557.9	53.23	513.6	51.70
	25.0	23.0	648.1	53.81	648.9	54.54	650.1	55.64	640.5	54.89	630.9	54.14	592.5	51.81	557.4	50.68	510.7	49.18
	30.0	28.0	648.9	55.75	648.9	55.59	648.9	55.34	639.9	53.39	630.9	51.44	592.5	49.24	557.4	48.13	510.7	46.65
	35.0	32.0	648.9	56.86	648.9	55.34	648.9	53.07	639.9	50.90	630.9	48.73	592.5	46.68	557.4	45.58	510.7	44.13
	40.0	36.0	648.9	54.54	648.9	52.51	648.9	49.48	639.9	47.75	630.9	46.02	592.5	44.11	557.4	43.03	510.7	41.60
	45.0	41.0	648.9	48.48	648.9	47.46	648.9	45.93	639.9	44.62	630.9	43.30	592.5	41.52	557.4	40.47	510.7	39.07
	47.0	43.0	648.9	47.20	648.9	46.20	648.9	44.71	639.9	43.43	630.9	42.15	592.5	40.42	557.4	39.40	510.7	38.04
	50.0	46.0	648.9	45.46	648.9	44.50	648.9	43.06	639.9	41.83	630.9	40.60	592.5	38.93	557.4	37.95	510.7	36.63
55.0	51.0	648.9	42.67	648.9	41.77	648.9	40.42	639.9	39.26	630.9	38.10	592.5	36.54	557.4	35.62	510.7	34.38	
60.0	56.0	648.9	39.68	648.9	38.84	648.9	37.59	639.9	36.51	630.9	35.43	592.5	33.98	557.4	33.12	510.7	31.97	
120	-21.6	-22.0	252.6	20.78	251.5	22.52	249.9	25.13	248.4	27.41	246.9	29.70	244.9	31.15	243.7	31.48	242.0	31.91
	-17.1	-17.5	293.2	24.04	292.0	25.78	290.1	28.39	288.1	30.68	286.1	32.96	283.8	34.41	282.4	34.74	280.4	35.18
	-12.6	-13.0	339.7	27.31	337.5	29.05	334.3	31.65	331.8	33.94	329.3	36.22	326.6	37.68	324.9	38.00	322.7	38.44
	-7.0	-7.6	392.1	31.22	388.4	32.96	382.9	35.57	379.0	37.85	375.2	40.13	372.2	41.59	370.3	41.92	367.7	42.35
	-4.0	-4.4	421.0	33.57	417.0	35.31	411.0	37.91	406.9	40.20	402.8	42.48	399.5	43.94	397.5	44.26	394.8	44.70
	0.0	-0.4	456.5	36.47	452.2	38.20	445.7	40.81	441.3	43.10	436.8	45.38	433.3	46.84	431.1	47.16	428.1	47.60
	5.0	4.5	501.0	40.09	496.3	41.83	489.2	44.44	484.3	46.72	479.4	49.00	475.5	50.46	473.1	50.78	469.8	51.22
	10.0	9.0	545.5	43.71	540.3	45.45	532.6	48.06	527.3	50.34	521.9	52.63	517.7	54.08	515.1	54.41	511.6	54.84
	15.0	14.0	589.1	47.26	583.5	49.00	575.1	51.61	569.4	53.89	563.6	56.18	549.5	57.37	526.1	57.12	494.8	56.79
	20.0	19.0	632.3	50.96	626.6	52.70	618.0	55.31	604.7	55.48	591.4	55.66	557.2	54.63	523.2	54.32	477.9	53.90
	25.0	23.0	648.2	56.39	643.7	56.32	636.9	56.21	614.2	54.56	591.4	52.90	557.2	51.94	523.2	51.57	477.9	51.07
	30.0	28.0	648.2	56.51	643.7	55.12	636.9	53.04	614.2	51.59	591.4	50.15	557.2	49.25	523.2	48.82	477.9	48.24
	35.0	32.0	648.2	52.85	643.7	51.66	636.9	49.87	614.2	48.63	591.4	47.39	557.2	46.57	523.2	46.07	477.9	45.40
	40.0	36.0	648.2	49.18	643.7	48.19	636.9	46.70	614.2	45.67	591.4	44.63	557.2	43.88	523.2	43.32	477.9	42.57
	45.0	41.0	648.2	45.57	643.7	44.76	636.9	43.55	614.2	42.71	591.4	41.88	557.2	41.19	523.2	40.58	477.9	39.75
	47.0	43.0	648.2	44.36	643.7	43.58	636.9	42.39	614.2	41.58	591.4	40.77	557.2	40.10	523.2	39.50	477.9	38.70
	50.0	46.0	648.2	42.73	643.7	41.97	636.9	40.83	614.2	40.05	591.4	39.26	557.2	38.62	523.2	38.04	477.9	37.27
55.0	51.0	648.2	40.10	643.7	39.39	636.9	38.32	614.2	37.59	591.4	36.85	557.2	36.25	523.2	35.71	477.9	34.98	
60.0	56.0	648.2	37.29	643.7	36.63	636.9	35.64	614.2	34.95	591.4	34.27	557.2	33.71	523.2	33.20	477.9	32.53	
110	-21.6	-22.0	251.2	26.44	250.1	27.74	248.6	29.70	247.1	31.85	245.6	34.00	243.6	38.00	242.4	41.26	240.7	45.61
	-17.1	-17.5	291.6	29.70	290.4	31.00	288.6	32.96	286.6	35.11	284.6	37.26	282.3	41.26	280.8	44.52	278.9	48.87
	-12.6	-13.0	333.0	32.96	332.1	34.26	330.7	36.22	329.1	38.37	327.5	40.52	324.8	44.52	323.2	47.78	321.0	52.13
	-7.0	-7.6	382.2	36.87	380.4	38.18	377.7	40.13	375.4	42.28	373.2	44.44	370.2	48.44	368.3	51.70	365.8	56.05
	-4.0	-4.4	412.0	39.22	409.4	40.52	405.6	42.48	403.1	44.63	400.6	46.78	397.4	50.78	395.3	54.05	392.6	58.39
	0.0	-0.4	448.5	42.12	445.2	43.42	440.2	45.38	437.4	47.53	434.5	49.68	430.9	53.68	428.7	56.94	425.8	61.29
	5.0	4.5	494.3	45.74	490.0	47.05	483.6	49.00	480.2	51.15	476.8	53.31	470.4	56.14	462.5	56.90	452.0	57.92
	10.0	9.0	540.0	49.36	534.7	50.67	526.9	52.63	523.0	54.78	519.1	56.93	497.3	56.20	472.5	55.14	439.6	53.73
	15.0	14.0	584.8	52.92	578.6	54.22	569.3	56.18	550.2	56.04	531.0	55.91	499.9	54.42	471.6	52.69	433.9	50.39
	20.0	19.0	641.5	57.95	618.9	57.29	584.9	56.30	558.0	54.86	531.0	53.43	499.9	51.78	471.6	50.17	433.9	48.03
	25.0	23.0	641.5	56.94	618.9	55.73	584.9	53.91	558.0	52.30	531.0	50.70	499.9	49.19	471.6	47.70	433.9	45.72
	30.0	28.0	641.5	54.02	618.9	52.65	584.9	50.61	558.0	49.29	531.0	47.97	499.9	46.59	471.6	45.23	433.9	43.40
	35.0	32.0	641.5	49.90	618.9	48.86	584.9	47.30	558.0	46.28	531.0	45.25	499.9	44.00	471.6	42.75	433.9	41.09
	40.0	36.0	641.5	45.79	618.9	45.07	584.9	44.00	558.0	43.26	531.0	42.52	499.9	41.41	471.6	40.28	433.9	38.78
	45.0	41.0	641.5	41.78	618.9	41.37	584.9	40.75	558.0	40.27	531.0	39.80	499.9	38.82	471.6	37.81	433.9	36.46
	47.0	43.0	641.5	40.68	618.9	40.27	584.9	39.67	558.0	39.21	531.0	38.75	499.9	37.79	471.6	36.80	433.9	35.49
	50.0	46.0	641.5	39.18	618.9	38.79	584.9	38.20	558.0	37.76	531.0	37.32	499.9	36.39	471.6	35.45	433.9	34.18
55.0	51.0	641.5	36.77	618.9	36.41	584.9	35.86	558.0	35.44	531.0	35.02	499.9	34.16	471.6	33.27	433.9	32.08	
60.0	56.0	641.5	34.19	618.9	33.86	584.9	33.35	558.0	32.96	531.0	32.57	499.9	31.77	471.6	30.94	433.9	29.84	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50-130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA



ARUM432BTE5 / ARUM432DTE5

432,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-21.6	-22.0	250.2	21.51	249.1	24.60	247.6	29.24	246.1	32.39	244.6	35.54	242.6	39.95	241.4	42.66	239.7	46.28
	-17.1	-17.5	290.4	25.88	289.2	28.44	287.4	32.28	285.4	35.48	283.4	38.68	281.1	43.16	279.7	45.78	277.8	49.27
	-12.6	-13.0	330.6	30.04	329.3	32.28	327.2	35.63	326.7	38.72	326.1	41.82	323.5	46.37	321.8	48.89	319.6	52.25
	-7.0	-7.6	378.9	35.03	377.4	36.88	375.0	39.66	373.3	42.62	371.7	45.58	368.6	50.23	366.8	52.63	364.3	55.83
	-4.0	-4.4	407.9	38.02	406.2	39.64	403.7	42.07	401.3	44.96	399.0	47.84	395.7	52.54	393.7	54.87	391.0	57.98
	0.0	-0.4	442.5	41.72	440.7	43.05	437.9	45.05	435.3	47.84	432.7	50.64	428.1	54.86	423.6	55.94	417.5	57.38
	5.0	4.5	485.6	46.34	483.6	47.32	480.6	48.78	475.3	51.45	470.0	54.12	451.2	55.49	432.9	55.32	408.5	55.08
	10.0	9.0	523.0	50.96	516.8	51.58	507.4	52.51	496.7	54.03	486.0	55.56	457.4	54.66	430.7	53.34	395.0	51.59
	15.0	14.0	564.6	55.84	552.4	55.76	534.2	55.63	510.1	55.26	486.0	54.90	457.4	52.02	430.7	50.45	395.0	48.34
	20.0	19.0	587.8	56.08	566.3	55.49	534.2	54.62	510.1	53.19	486.0	51.76	457.4	49.03	430.7	47.52	395.0	45.52
	25.0	23.0	587.8	56.14	566.3	53.84	534.2	50.40	510.1	49.55	486.0	48.69	457.4	46.08	430.7	44.66	395.0	42.76
	30.0	28.0	587.8	52.30	566.3	50.38	534.2	47.49	510.1	46.56	486.0	45.62	457.4	43.14	430.7	41.80	395.0	40.01
	35.0	32.0	587.8	48.47	566.3	46.91	534.2	44.58	510.1	43.57	486.0	42.55	457.4	40.20	430.7	38.93	395.0	37.25
	40.0	36.0	587.8	44.63	566.3	43.45	534.2	41.67	510.1	40.58	486.0	39.49	457.4	37.26	430.7	36.07	395.0	34.49
	45.0	41.0	587.8	40.89	566.3	40.05	534.2	38.79	510.1	37.63	486.0	36.47	457.4	34.37	430.7	33.26	395.0	31.78
	47.0	43.0	587.8	39.80	566.3	38.99	534.2	37.76	510.1	36.63	486.0	35.50	457.4	33.46	430.7	32.38	395.0	30.94
	50.0	46.0	587.8	38.34	566.3	37.55	534.2	36.37	510.1	35.28	486.0	34.19	457.4	32.23	430.7	31.18	395.0	29.79
	55.0	51.0	587.8	35.98	566.3	35.24	534.2	34.14	510.1	33.11	486.0	32.09	457.4	30.25	430.7	29.27	395.0	27.96
	60.0	56.0	587.8	33.46	566.3	32.78	534.2	31.75	510.1	30.79	486.0	29.84	457.4	28.13	430.7	27.22	395.0	26.01
	90	-21.6	-22.0	249.1	27.73	248.1	29.38	246.5	31.86	245.1	35.19	243.6	38.51	241.6	40.83	240.4	43.01	238.7
-17.1		-17.5	289.2	30.99	288.0	32.64	286.2	35.12	284.2	38.45	282.2	41.77	280.0	44.09	278.5	46.27	276.6	49.17
-12.6		-13.0	329.3	34.25	327.9	35.90	325.9	38.38	325.3	41.71	324.8	45.03	322.2	47.35	320.5	49.53	318.3	52.43
-7.0		-7.6	377.4	38.16	375.8	39.82	373.5	42.30	371.8	45.62	370.1	48.95	367.1	51.27	365.3	53.44	362.8	56.34
-4.0		-4.4	406.2	40.51	404.6	42.16	402.0	44.64	399.7	47.97	397.3	51.30	394.1	52.63	392.1	52.70	389.4	52.80
0.0		-0.4	440.7	43.41	438.9	45.06	436.1	47.54	433.0	50.16	429.9	52.79	413.3	52.61	395.4	52.41	371.5	52.16
5.0		4.5	487.6	47.03	481.6	48.69	472.6	51.17	458.9	51.88	445.1	52.59	418.9	51.82	393.4	50.43	359.3	48.59
10.0		9.0	532.7	52.04	514.8	52.31	488.0	52.72	466.5	52.55	445.1	52.39	418.9	49.90	393.4	47.67	359.3	44.69
15.0		14.0	539.0	52.73	518.6	52.62	488.0	52.46	466.5	51.26	445.1	50.05	418.9	47.34	393.4	45.20	359.3	42.35
20.0		19.0	539.0	53.06	518.6	51.99	488.0	50.38	466.5	48.80	445.1	47.22	418.9	44.67	393.4	42.63	359.3	39.92
25.0		23.0	539.0	49.91	518.6	48.90	488.0	47.39	466.5	45.91	445.1	44.43	418.9	42.05	393.4	40.12	359.3	37.54
30.0		28.0	539.0	46.75	518.6	45.81	488.0	44.40	466.5	43.02	445.1	41.65	418.9	39.44	393.4	37.60	359.3	35.15
35.0		32.0	539.0	43.60	518.6	42.72	488.0	41.41	466.5	40.14	445.1	38.87	418.9	36.82	393.4	35.09	359.3	32.77
40.0		36.0	539.0	40.45	518.6	39.64	488.0	38.42	466.5	37.25	445.1	36.08	418.9	34.21	393.4	32.57	359.3	30.39
45.0		41.0	539.0	37.35	518.6	36.60	488.0	35.47	466.5	34.41	445.1	33.34	418.9	31.64	393.4	30.10	359.3	28.05
47.0		43.0	539.0	36.36	518.6	35.63	488.0	34.53	466.5	33.50	445.1	32.46	418.9	30.80	393.4	29.30	359.3	27.30
50.0		46.0	539.0	35.02	518.6	34.32	488.0	33.26	466.5	32.26	445.1	31.26	418.9	29.66	393.4	28.22	359.3	26.30
55.0		51.0	539.0	32.87	518.6	32.21	488.0	31.22	466.5	30.28	445.1	29.34	418.9	27.84	393.4	26.49	359.3	24.68
60.0		56.0	539.0	30.57	518.6	29.95	488.0	29.03	466.5	28.16	445.1	27.29	418.9	25.89	393.4	24.63	359.3	22.95
80		-21.6	-22.0	248.1	27.96	247.1	29.79	245.5	32.52	244.1	34.48	242.6	36.44	240.6	41.62	239.4	44.34	237.8
	-17.1	-17.5	288.0	31.22	286.8	33.05	285.0	35.79	283.1	37.74	281.1	39.70	278.8	44.88	277.4	47.60	275.5	51.22
	-12.6	-13.0	327.9	34.48	326.6	36.31	324.5	39.05	322.9	41.00	321.3	42.96	319.7	46.82	319.6	46.71	319.6	46.57
	-7.0	-7.6	375.8	38.39	374.3	40.22	371.9	42.96	370.3	44.92	368.6	46.87	363.0	46.66	355.5	46.56	345.6	46.42
	-4.0	-4.4	404.6	40.74	402.9	42.57	400.4	45.31	398.0	46.04	395.6	46.77	372.8	46.56	352.0	46.46	324.3	46.33
	0.0	-0.4	443.1	44.56	437.1	45.47	428.0	46.82	413.3	46.74	398.6	46.65	373.8	46.15	351.6	45.43	321.9	44.47
	5.0	4.5	474.4	46.84	459.7	46.78	437.7	46.69	418.1	46.59	398.6	46.50	373.8	44.43	351.6	43.08	321.9	41.28
	10.0	9.0	482.2	46.68	464.4	46.63	437.7	46.55	418.1	45.84	398.6	45.13	373.8	42.22	351.6	40.90	321.9	39.16
	15.0	14.0	482.2	46.71	464.4	46.48	437.7	46.14	418.1	44.45	398.6	42.75	373.8	40.05	351.6	38.77	321.9	37.08
	20.0	19.0	482.2	45.44	464.4	44.64	437.7	43.44	418.1	41.86	398.6	40.27	373.8	37.79	351.6	36.56	321.9	34.92
	25.0	23.0	482.2	42.70	464.4	41.94	437.7	40.80	418.1	39.32	398.6	37.84	373.8	35.57	351.6	34.38	321.9	32.80
	30.0	28.0	482.2	39.96	464.4	39.24	437.7	38.15	418.1	36.78	398.6	35.40	373.8	33.36	351.6	32.21	321.9	30.68
	35.0	32.0	482.2	37.21	464.4	36.53	437.7	35.51	418.1	34.24	398.6	32.97	373.8	31.14	351.6	30.04	321.9	28.56
	40.0	36.0	482.2	34.47	464.4	33.83	437.7	32.86	418.1	31.70	398.6	30.54	373.8	28.93	351.6	27.86	321.9	26.44
	45.0	41.0	482.2	31.78	464.4	31.17	437.7	30.27	418.1	29.21	398.6	28.15	373.8	26.75	351.6	25.72	321.9	24.36
	47.0	43.0	482.2	30.94	464.4	30.35	437.7	29.47	418.1	28.44	398.6	27.41	373.8	26.04	351.6	25.04	321.9	23.71
	50.0	46.0	482.2	29.79	464.4	29.23	437.7	28.38	418.1	27.39	398.6	26.40	373.8	25.08	351.6	24.12	321.9	22.84
	55.0	51.0	482.2	27.96	464.4	27.43	437.7	26.64	418.1	25.71	398.6	24.77	373.8	23.54	351.6	22.64	321.9	21.43
	60.0	56.0	482.2	26.01	464.4	25.51	437.7	24.77	418.1	23.90	398.6	23.04	373.8	21.89	351.6	21.05	321.9	19.93

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.

Note:

Low ambient performance with LGRED® heat technology is included in units produced after February 2019.



MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

HEATING CAPACITY DATA

ARUM432BTE5 / ARUM432DTE5

432,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-21.6	-22.0	246.7	29.96	245.6	30.83	244.1	32.14	242.6	35.40	241.2	38.66	239.2	43.19	238.0	45.91	236.4	49.53
	-17.1	-17.5	286.3	33.23	285.1	34.09	283.4	35.40	281.4	38.66	279.4	41.92	277.2	45.14	275.8	45.05	273.9	44.93
	-12.6	-13.0	326.0	36.49	324.7	37.36	322.6	38.66	321.0	41.92	319.4	45.18	313.2	45.02	303.2	44.95	289.9	44.85
	-7.0	-7.6	372.3	40.40	372.1	41.27	371.8	42.57	354.8	43.80	337.8	45.02	319.3	44.88	301.0	44.82	276.5	44.75
	-4.0	-4.4	404.8	42.75	391.6	43.62	371.8	44.92	354.8	44.92	337.8	44.93	319.3	44.79	301.0	44.75	276.5	44.69
	0.0	-0.4	408.5	45.16	393.8	45.08	371.8	44.95	354.8	44.88	337.8	44.81	319.3	43.57	301.0	42.85	276.5	41.88
	5.0	4.5	408.5	44.90	393.8	44.79	371.8	44.63	354.8	43.95	337.8	43.28	319.3	41.25	301.0	40.48	276.5	39.45
	10.0	9.0	408.5	44.64	393.8	44.51	371.8	44.31	354.8	42.59	337.8	40.86	319.3	38.93	301.0	38.11	276.5	37.01
	15.0	14.0	408.5	45.23	393.8	43.96	371.8	42.05	354.8	40.28	337.8	38.50	319.3	36.66	301.0	35.79	276.5	34.63
	20.0	19.0	408.5	42.27	393.8	41.10	371.8	39.33	354.8	37.68	337.8	36.04	319.3	34.30	301.0	33.38	276.5	32.14
	25.0	23.0	408.5	39.38	393.8	38.29	371.8	36.66	354.8	35.14	337.8	33.63	319.3	31.98	301.0	31.01	276.5	29.71
	30.0	28.0	408.5	36.48	393.8	35.48	371.8	33.99	354.8	32.60	337.8	31.21	319.3	29.66	301.0	28.64	276.5	27.28
	35.0	32.0	408.5	33.58	393.8	32.68	371.8	31.32	354.8	30.06	337.8	28.80	319.3	27.35	301.0	26.27	276.5	24.84
	40.0	36.0	408.5	30.69	393.8	29.87	371.8	28.65	354.8	27.52	337.8	26.39	319.3	25.03	301.0	23.90	276.5	22.41
	45.0	41.0	408.5	27.87	393.8	27.15	371.8	26.06	354.8	25.05	337.8	24.04	319.3	22.77	301.0	21.61	276.5	20.06
	47.0	43.0	408.5	27.13	393.8	26.43	371.8	25.36	354.8	24.38	337.8	23.40	319.3	22.17	301.0	21.04	276.5	19.53
50.0	46.0	408.5	26.13	393.8	25.45	371.8	24.43	354.8	23.48	337.8	22.54	319.3	21.35	301.0	20.26	276.5	18.81	
55.0	51.0	408.5	24.53	393.8	23.89	371.8	22.93	354.8	22.04	337.8	21.16	319.3	20.04	301.0	19.02	276.5	17.65	
60.0	56.0	408.5	22.81	393.8	22.21	371.8	21.32	354.8	20.50	337.8	19.68	319.3	18.64	301.0	17.69	276.5	16.42	
60	-21.6	-22.0	228.3	27.61	227.4	28.48	226.0	29.79	224.6	33.05	223.3	36.31	221.4	40.84	220.3	43.55	218.8	47.18
	-17.1	-17.5	265.1	30.87	264.0	31.74	262.3	33.05	260.5	36.31	258.7	39.57	256.2	42.78	254.1	42.67	251.2	42.53
	-12.6	-13.0	302.5	34.13	300.5	35.00	297.5	36.31	293.7	39.57	289.9	42.83	272.9	42.65	257.9	42.55	237.9	42.42
	-7.0	-7.6	349.8	38.05	337.8	38.92	319.8	40.22	304.8	41.42	289.9	42.63	272.9	42.49	257.9	42.40	237.9	42.28
	-4.0	-4.4	349.8	40.39	337.8	41.26	319.8	42.57	304.8	42.54	289.9	42.50	272.9	41.85	257.9	40.60	237.9	38.92
	0.0	-0.4	349.8	42.82	337.8	42.77	319.8	42.69	304.8	42.13	289.9	41.57	272.9	40.09	257.9	38.72	237.9	36.90
	5.0	4.5	349.8	42.68	337.8	42.61	319.8	42.51	304.8	40.87	289.9	39.23	272.9	37.77	257.9	36.42	237.9	34.63
	10.0	9.0	349.8	43.40	337.8	42.45	319.8	41.01	304.8	38.96	289.9	36.90	272.9	35.45	257.9	34.13	237.9	32.36
	15.0	14.0	349.8	41.38	337.8	40.19	319.8	38.42	304.8	36.52	289.9	34.62	272.9	33.17	257.9	31.87	237.9	30.14
	20.0	19.0	349.8	38.61	337.8	37.45	319.8	35.71	304.8	33.98	289.9	32.24	272.9	30.81	257.9	29.53	237.9	27.83
	25.0	23.0	349.8	35.89	337.8	34.76	319.8	33.06	304.8	31.49	289.9	29.91	272.9	28.48	257.9	27.23	237.9	25.56
	30.0	28.0	349.8	33.17	337.8	32.07	319.8	30.41	304.8	29.00	289.9	27.58	272.9	26.16	257.9	24.93	237.9	23.29
	35.0	32.0	349.8	30.45	337.8	29.38	319.8	27.76	304.8	26.51	289.9	25.25	272.9	23.84	257.9	22.63	237.9	21.02
	40.0	36.0	349.8	27.73	337.8	26.68	319.8	25.11	304.8	24.02	289.9	22.92	272.9	21.52	257.9	20.34	237.9	18.76
	45.0	41.0	349.8	25.10	337.8	24.08	319.8	22.56	304.8	21.61	289.9	20.67	272.9	19.28	257.9	18.13	237.9	16.58
	47.0	43.0	349.8	24.43	337.8	23.44	319.8	21.96	304.8	21.04	289.9	20.12	272.9	18.77	257.9	17.64	237.9	16.14
50.0	46.0	349.8	23.53	337.8	22.58	319.8	21.15	304.8	20.26	289.9	19.38	272.9	18.08	257.9	16.99	237.9	15.55	
55.0	51.0	349.8	22.08	337.8	21.19	319.8	19.85	304.8	19.02	289.9	18.19	272.9	16.97	257.9	15.95	237.9	14.59	
60.0	56.0	349.8	20.54	337.8	19.71	319.8	18.46	304.8	17.69	289.9	16.91	272.9	15.78	257.9	14.83	237.9	13.57	
50	-21.6	-22.0	211.4	23.69	210.5	24.56	209.2	25.87	207.9	29.13	206.7	32.39	203.9	36.92	200.5	39.64	195.9	43.26
	-17.1	-17.5	245.4	26.95	244.4	27.82	242.8	29.13	238.0	32.39	233.2	35.65	224.4	38.84	215.5	38.69	203.7	38.48
	-12.6	-13.0	292.5	30.22	281.9	31.09	265.9	32.39	253.9	35.65	241.9	38.91	227.7	38.67	214.3	38.50	196.6	38.27
	-7.0	-7.6	292.5	34.13	281.9	35.00	265.9	36.30	253.9	37.50	241.9	38.69	227.7	37.68	214.3	35.84	196.6	33.39
	-4.0	-4.4	292.5	36.48	281.9	37.35	265.9	38.65	253.9	38.60	241.9	38.56	227.7	36.31	214.3	34.53	196.6	32.16
	0.0	-0.4	292.5	38.95	281.9	38.84	265.9	38.67	253.9	37.78	241.9	36.90	227.7	34.63	214.3	32.91	196.6	30.63
	5.0	4.5	292.5	39.67	281.9	38.64	265.9	37.09	253.9	35.86	241.9	34.64	227.7	32.51	214.3	30.89	196.6	28.73
	10.0	9.0	292.5	38.83	281.9	37.18	265.9	34.71	253.9	33.54	241.9	32.37	227.7	30.40	214.3	28.87	196.6	26.83
	15.0	14.0	292.5	36.22	281.9	34.68	265.9	32.39	253.9	31.27	241.9	30.16	227.7	28.33	214.3	26.89	196.6	24.97
	20.0	19.0	292.5	33.49	281.9	32.08	265.9	29.97	253.9	28.91	241.9	27.85	227.7	26.18	214.3	24.83	196.6	23.03
	25.0	23.0	292.5	30.82	281.9	29.53	265.9	27.59	253.9	26.59	241.9	25.59	227.7	24.07	214.3	22.81	196.6	21.13
	30.0	28.0	292.5	28.15	281.9	26.98	265.9	25.22	253.9	24.27	241.9	23.33	227.7	21.96	214.3	20.79	196.6	19.23
	35.0	32.0	292.5	25.48	281.9	24.43	265.9	22.84	253.9	21.96	241.9	21.07	227.7	19.84	214.3	18.76	196.6	17.32
	40.0	36.0	292.5	22.81	281.9	21.87	265.9	20.47	253.9	19.64	241.9	18.81	227.7	17.73	214.3	16.74	196.6	15.42
	45.0	41.0	292.5	20.25	281.9	19.42	265.9	18.19	253.9	17.41	241.9	16.64	227.7	15.71	214.3	14.80	196.6	13.60
	47.0	43.0	292.5	19.71	281.9	18.91	265.9	17.71	253.9	16.95	241.9	16.20	227.7	15.29	214.3	14.41	196.6	13.24
50.0	46.0	292.5	18.98	281.9	18.21	265.9	17.05	253.9	16.33	241.9	15.60	227.7	14.73	214.3	13.88	196.6	12.75	
55.0	51.0	292.5	17.82	281.9	17.09	265.9	16.01	253.9	15.32	241.9	14.64	227.7	13.82	214.3	13.03	196.6	11.97	
60.0	56.0	292.5	16.57	281.9	15.90	265.9	14.88	253.9	14.25	241.9	13.62	227.7	12.85	214.3	12.12	196.6	11.13	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50-130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA



ARUM456BTE5 / ARUM456DTE5

456,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
	°F DB	°F WB	59		61		64		67		70		73		76		80	
			TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-21.6	-22.0	268.5	17.18	267.4	19.55	265.7	23.10	264.1	26.46	262.5	29.81	260.4	34.12	259.1	36.56	257.3	39.82
	-17.1	-17.5	311.7	20.70	310.4	23.02	308.4	26.49	306.3	29.74	304.2	32.98	301.7	36.92	300.2	39.10	298.1	42.00
	-12.6	-13.0	368.0	24.23	364.0	26.49	358.0	29.89	354.0	33.02	350.0	36.14	347.2	39.73	345.4	41.63	343.1	44.17
	-7.0	-7.6	419.4	28.46	414.8	30.66	407.9	33.96	403.4	36.95	398.9	39.94	395.7	43.10	393.6	44.68	391.0	46.79
	-4.0	-4.4	450.2	31.00	445.3	33.16	437.9	36.41	433.1	39.31	428.2	42.22	424.7	45.12	422.6	46.50	419.7	48.36
	0.0	-0.4	488.2	34.13	482.9	36.25	474.9	39.42	469.7	42.23	464.4	45.03	460.6	47.61	458.3	48.76	455.2	50.29
	5.0	4.5	535.8	38.05	529.9	40.11	521.2	43.20	515.4	45.87	509.6	48.55	505.5	50.73	502.9	51.58	499.5	52.71
	10.0	9.0	583.3	41.96	577.0	43.97	567.5	46.97	561.2	49.52	554.9	52.07	550.4	53.84	547.6	54.40	543.8	55.14
	15.0	14.0	629.9	45.80	623.1	47.75	612.8	50.67	606.0	53.09	599.2	55.51	594.3	56.73	591.3	56.63	587.3	56.49
	20.0	19.0	674.5	49.80	668.7	51.68	660.0	54.51	652.1	55.50	644.3	56.50	624.0	55.38	588.9	54.21	542.2	52.65
	25.0	23.0	684.1	54.80	685.0	55.54	686.2	56.66	676.1	55.90	665.9	55.14	625.4	52.76	588.4	51.61	539.1	50.08
	30.0	28.0	685.0	56.77	685.0	56.61	685.0	56.36	675.4	54.37	665.9	52.38	625.4	50.15	588.4	49.02	539.1	47.51
	35.0	32.0	685.0	57.90	685.0	56.36	685.0	54.04	675.4	51.83	665.9	49.62	625.4	47.53	588.4	46.42	539.1	44.94
	40.0	36.0	685.0	55.54	685.0	53.48	685.0	50.39	675.4	48.62	665.9	46.86	625.4	44.91	588.4	43.82	539.1	42.36
	45.0	41.0	685.0	49.37	685.0	48.33	685.0	46.77	675.4	45.43	665.9	44.09	625.4	42.28	588.4	41.21	539.1	39.79
	47.0	43.0	685.0	48.06	685.0	47.05	685.0	45.53	675.4	44.23	665.9	42.92	625.4	41.16	588.4	40.12	539.1	38.73
	50.0	46.0	685.0	46.29	685.0	45.31	685.0	43.85	675.4	42.60	665.9	41.34	625.4	39.64	588.4	38.64	539.1	37.30
	55.0	51.0	685.0	43.45	685.0	42.53	685.0	41.16	675.4	39.98	665.9	38.80	625.4	37.21	588.4	36.27	539.1	35.01
	60.0	56.0	685.0	40.40	685.0	39.55	685.0	38.28	675.4	37.18	665.9	36.08	625.4	34.60	588.4	33.73	539.1	32.56
120	-21.6	-22.0	266.6	21.16	265.5	22.94	263.8	25.59	262.2	27.92	260.7	30.24	258.5	31.72	257.2	32.06	255.5	32.50
	-17.1	-17.5	309.5	24.49	308.2	26.26	306.3	28.91	304.1	31.24	302.0	33.56	299.6	35.05	298.1	35.38	296.0	35.82
	-12.6	-13.0	358.5	27.81	356.3	29.58	352.9	32.23	350.2	34.56	347.5	36.88	344.7	38.37	343.0	38.70	340.6	39.14
	-7.0	-7.6	413.9	31.79	410.0	33.56	404.1	36.22	400.1	38.54	396.1	40.87	392.8	42.35	390.8	42.68	388.2	43.13
	-4.0	-4.4	444.3	34.18	440.1	35.95	433.8	38.61	429.5	40.93	425.2	43.26	421.7	44.74	419.6	45.07	416.7	45.52
	0.0	-0.4	481.9	37.13	477.3	38.90	470.5	41.56	465.8	43.89	461.1	46.21	457.4	47.69	455.0	48.03	451.9	48.47
	5.0	4.5	528.8	40.82	523.8	42.59	516.3	45.25	511.2	47.58	506.0	49.90	501.9	51.38	499.4	51.71	495.9	52.16
	10.0	9.0	575.8	44.51	570.3	46.28	562.2	48.94	556.6	51.26	550.9	53.59	546.5	55.07	543.7	55.40	540.0	55.85
	15.0	14.0	621.8	48.13	615.9	49.90	607.1	52.56	601.0	54.88	595.0	57.21	580.0	58.42	555.3	58.17	522.3	57.83
	20.0	19.0	667.4	51.89	661.4	53.66	652.3	56.32	638.3	56.50	624.3	56.68	588.2	55.63	552.3	55.31	504.5	54.89
	25.0	23.0	684.2	57.43	679.4	57.35	672.3	57.24	648.3	55.56	624.3	53.87	588.2	52.89	552.3	52.51	504.5	52.00
	30.0	28.0	684.2	57.55	679.4	56.13	672.3	54.01	648.3	52.54	624.3	51.07	588.2	50.16	552.3	49.71	504.5	49.12
	35.0	32.0	684.2	53.82	679.4	52.60	672.3	50.78	648.3	49.52	624.3	48.26	588.2	47.42	552.3	46.91	504.5	46.23
	40.0	36.0	684.2	50.08	679.4	49.07	672.3	47.55	648.3	46.50	624.3	45.45	588.2	44.69	552.3	44.11	504.5	43.35
	45.0	41.0	684.2	46.41	679.4	45.58	672.3	44.35	648.3	43.50	624.3	42.64	588.2	41.95	552.3	41.32	504.5	40.48
	47.0	43.0	684.2	45.18	679.4	44.37	672.3	43.17	648.3	42.34	624.3	41.51	588.2	40.83	552.3	40.22	504.5	39.41
	50.0	46.0	684.2	43.51	679.4	42.74	672.3	41.58	648.3	40.78	624.3	39.98	588.2	39.33	552.3	38.74	504.5	37.95
	55.0	51.0	684.2	40.84	679.4	40.11	672.3	39.03	648.3	38.28	624.3	37.53	588.2	36.91	552.3	36.36	504.5	35.62
	60.0	56.0	684.2	37.98	679.4	37.30	672.3	36.29	648.3	35.59	624.3	34.90	588.2	34.33	552.3	33.81	504.5	33.13
110	-21.6	-22.0	265.1	26.92	264.0	28.25	262.4	30.24	260.8	32.43	259.2	34.62	257.1	38.70	255.8	42.02	254.1	46.45
	-17.1	-17.5	307.8	30.24	306.5	31.57	304.6	33.56	302.5	35.75	300.4	37.95	298.0	42.02	296.4	45.34	294.4	49.77
	-12.6	-13.0	351.5	33.56	350.5	34.89	349.1	36.88	347.4	39.07	345.7	41.27	342.9	45.34	341.1	48.66	338.8	53.09
	-7.0	-7.6	403.5	37.55	401.6	38.87	398.7	40.87	396.3	43.06	393.9	45.25	390.7	49.32	388.7	52.64	386.1	57.07
	-4.0	-4.4	434.9	39.94	432.2	41.27	428.1	43.26	425.5	45.45	422.9	47.64	419.4	51.71	417.3	55.04	414.5	59.46
	0.0	-0.4	473.5	42.89	470.0	44.22	464.7	46.21	461.7	48.40	458.6	50.59	454.9	54.67	452.6	57.99	449.5	62.41
	5.0	4.5	521.7	46.58	517.2	47.91	510.4	49.90	506.9	52.09	503.3	54.28	496.5	57.17	488.2	57.94	477.1	58.98
	10.0	9.0	570.0	50.27	564.4	51.60	556.2	53.59	552.1	55.78	547.9	57.97	524.9	57.22	498.8	56.15	464.0	54.72
	15.0	14.0	617.3	53.88	610.7	55.21	601.0	57.21	580.8	57.07	560.5	56.93	527.6	55.42	497.8	53.66	458.0	51.31
	20.0	19.0	677.1	59.02	653.3	58.34	617.4	57.33	589.0	55.87	560.5	54.41	527.6	52.73	497.8	51.09	458.0	48.91
	25.0	23.0	677.1	57.98	653.3	56.75	617.4	54.89	589.0	53.26	560.5	51.63	527.6	50.09	497.8	48.57	458.0	46.55
	30.0	28.0	677.1	55.00	653.3	53.62	617.4	51.53	589.0	50.19	560.5	48.85	527.6	47.45	497.8	46.05	458.0	44.20
	35.0	32.0	677.1	50.82	653.3	49.76	617.4	48.17	589.0	47.12	560.5	46.08	527.6	44.81	497.8	43.54	458.0	41.84
	40.0	36.0	677.1	46.63	653.3	45.90	617.4	44.81	589.0	44.05	560.5	43.30	527.6	42.17	497.8	41.02	458.0	39.49
	45.0	41.0	677.1	42.55	653.3	42.13	617.4	41.49	589.0	41.01	560.5	40.53	527.6	39.53	497.8	38.50	458.0	37.13
	47.0	43.0	677.1	41.42	653.3	41.01	617.4	40.39	589.0	39.92	560.5	39.45	527.6	38.48	497.8	37.48	458.0	36.14
	50.0	46.0	677.1	39.89	653.3	39.50	617.4	38.90	589.0	38.45	560.5	38.00	527.6	37.06	497.8	36.10	458.0	34.81
	55.0	51.0	677.1	37.44	653.3	37.07	617.4	36.51	589.0	36.09	560.5	35.67	527.6	34.79	497.8	33.88	458.0	32.67
	60.0	56.0	677.1	34.82	653.3	34.48	617.4	33.96	589.0	33.56	560.5	33.17	527.6	32.35	497.8	31.51	458.0	30.38

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 The System Combination Ratio must be between 50-130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
 Current certified ratings are available at www.ahridirectory.org.

Note:

Low ambient performance with LGRED® heat technology is included in units produced after February 2019.



Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-21.6	-22.0	264.1	21.91	263.0	25.06	261.3	29.77	259.8	32.98	258.2	36.19	256.1	40.68	254.8	43.44	253.1	47.13
	-17.1	-17.5	306.5	26.36	305.3	28.96	303.4	32.87	301.3	36.13	299.2	39.39	296.7	43.95	295.2	46.61	293.2	50.17
	-12.6	-13.0	349.0	30.59	347.6	32.87	345.4	36.28	344.8	39.43	344.2	42.58	341.5	47.22	339.7	49.79	337.4	53.20
	-7.0	-7.6	400.0	35.67	398.3	37.56	395.8	40.38	394.1	43.40	392.3	46.42	389.1	51.15	387.1	53.59	384.5	56.85
	-4.0	-4.4	430.6	38.72	428.8	40.37	426.1	42.84	423.6	45.78	421.1	48.72	417.7	53.50	415.6	55.87	412.8	59.04
	0.0	-0.4	467.1	42.48	465.2	43.84	462.3	45.88	459.5	48.72	456.7	51.56	451.9	55.86	447.1	56.96	440.7	58.43
	5.0	4.5	512.6	47.19	510.5	48.18	507.3	49.67	501.7	52.39	496.1	55.11	476.3	56.51	457.0	56.33	431.2	56.09
	10.0	9.0	552.1	51.89	545.5	52.52	535.6	53.47	524.3	55.02	513.0	56.57	482.9	55.66	454.6	54.32	416.9	52.53
	15.0	14.0	596.0	56.86	583.1	56.78	563.9	56.65	538.4	56.27	513.0	55.90	482.9	52.98	454.6	51.37	416.9	49.22
	20.0	19.0	620.4	57.11	597.8	56.51	563.9	55.62	538.4	54.16	513.0	52.71	482.9	49.92	454.6	48.39	416.9	46.36
	25.0	23.0	620.4	57.16	597.8	54.83	563.9	51.32	538.4	50.45	513.0	49.59	482.9	46.93	454.6	45.48	416.9	43.55
	30.0	28.0	620.4	53.26	597.8	51.30	563.9	48.36	538.4	47.41	513.0	46.46	482.9	43.93	454.6	42.56	416.9	40.74
	35.0	32.0	620.4	49.36	597.8	47.77	563.9	45.40	538.4	44.37	513.0	43.33	482.9	40.94	454.6	39.65	416.9	37.93
	40.0	36.0	620.4	45.45	597.8	44.25	563.9	42.44	538.4	41.32	513.0	40.21	482.9	37.94	454.6	36.73	416.9	35.12
	45.0	41.0	620.4	41.64	597.8	40.78	563.9	39.50	538.4	38.32	513.0	37.14	482.9	35.00	454.6	33.87	416.9	32.36
	47.0	43.0	620.4	40.53	597.8	39.70	563.9	38.45	538.4	37.30	513.0	36.15	482.9	34.07	454.6	32.97	416.9	31.50
	50.0	46.0	620.4	39.04	597.8	38.24	563.9	37.04	538.4	35.93	513.0	34.82	482.9	32.82	454.6	31.76	416.9	30.34
	55.0	51.0	620.4	36.64	597.8	35.89	563.9	34.76	538.4	33.72	513.0	32.68	482.9	30.80	454.6	29.81	416.9	28.48
60.0	56.0	620.4	34.07	597.8	33.38	563.9	32.33	538.4	31.36	513.0	30.39	482.9	28.64	454.6	27.72	416.9	26.48	
90	-21.6	-22.0	263.0	28.24	261.9	29.92	260.2	32.44	258.7	35.83	257.1	39.22	255.0	41.58	253.7	43.79	252.0	46.74
	-17.1	-17.5	305.3	31.56	304.0	33.24	302.1	35.76	300.0	39.15	297.9	42.54	295.5	44.90	294.0	47.11	292.0	50.07
	-12.6	-13.0	347.6	34.88	346.1	36.56	344.0	39.09	343.4	42.47	342.8	45.86	340.1	48.22	338.3	50.43	336.0	53.39
	-7.0	-7.6	398.3	38.86	396.7	40.55	394.2	43.07	392.5	46.46	390.7	49.84	387.5	52.21	385.6	54.42	382.9	57.37
	-4.0	-4.4	428.8	41.25	427.0	42.94	424.4	45.46	421.9	48.85	419.4	52.23	416.0	53.60	413.9	53.67	411.1	53.76
	0.0	-0.4	465.2	44.21	463.3	45.89	460.4	48.41	457.1	51.08	453.8	53.75	436.3	53.57	417.4	53.37	392.1	53.11
	5.0	4.5	514.7	47.90	508.4	49.58	498.9	52.10	484.4	52.83	469.8	53.55	442.2	52.77	415.2	51.36	379.3	49.48
	10.0	9.0	562.3	52.99	543.4	53.27	515.1	53.68	492.4	53.52	469.8	53.35	442.2	50.81	415.2	48.54	379.3	45.50
	15.0	14.0	568.9	53.70	547.4	53.58	515.1	53.42	492.4	52.19	469.8	50.97	442.2	48.20	415.2	46.03	379.3	43.13
	20.0	19.0	568.9	54.03	547.4	52.94	515.1	51.31	492.4	49.69	469.8	48.08	442.2	45.49	415.2	43.41	379.3	40.65
	25.0	23.0	568.9	50.82	547.4	49.80	515.1	48.26	492.4	46.75	469.8	45.25	442.2	42.82	415.2	40.85	379.3	38.22
	30.0	28.0	568.9	47.61	547.4	46.65	515.1	45.21	492.4	43.81	469.8	42.41	442.2	40.16	415.2	38.29	379.3	35.80
	35.0	32.0	568.9	44.40	547.4	43.51	515.1	42.17	492.4	40.87	469.8	39.58	442.2	37.50	415.2	35.73	379.3	33.37
	40.0	36.0	568.9	41.19	547.4	40.36	515.1	39.12	492.4	37.93	469.8	36.74	442.2	34.84	415.2	33.17	379.3	30.95
	45.0	41.0	568.9	38.04	547.4	37.27	515.1	36.12	492.4	35.04	469.8	33.95	442.2	32.21	415.2	30.65	379.3	28.56
	47.0	43.0	568.9	37.03	547.4	36.28	515.1	35.17	492.4	34.11	469.8	33.05	442.2	31.36	415.2	29.84	379.3	27.80
	50.0	46.0	568.9	35.66	547.4	34.94	515.1	33.87	492.4	32.85	469.8	31.83	442.2	30.20	415.2	28.74	379.3	26.78
	55.0	51.0	568.9	33.47	547.4	32.80	515.1	31.79	492.4	30.83	469.8	29.88	442.2	28.35	415.2	26.97	379.3	25.13
60.0	56.0	568.9	31.13	547.4	30.50	515.1	29.56	492.4	28.67	469.8	27.79	442.2	26.36	415.2	25.08	379.3	23.37	
80	-21.6	-22.0	261.9	28.47	260.8	30.33	259.2	33.12	257.6	35.11	256.1	37.10	254.0	42.38	252.7	45.15	251.0	48.84
	-17.1	-17.5	304.0	31.79	302.8	33.65	300.9	36.44	298.8	38.43	296.7	40.43	294.3	45.70	292.8	48.47	290.8	52.16
	-12.6	-13.0	346.2	35.11	344.7	36.97	342.6	39.76	340.9	41.75	339.1	43.75	337.4	47.68	337.4	47.57	337.3	47.42
	-7.0	-7.6	396.7	39.10	395.1	40.96	392.6	43.75	390.8	45.74	389.1	47.73	383.2	47.51	375.3	47.41	364.8	47.27
	-4.0	-4.4	427.0	41.49	425.3	43.35	422.6	46.14	420.1	46.88	417.6	47.63	393.5	47.42	371.5	47.32	342.3	47.18
	0.0	-0.4	467.8	45.38	461.3	46.30	451.7	47.68	436.2	47.59	420.8	47.51	394.6	47.00	371.1	46.26	339.8	45.29
	5.0	4.5	500.7	47.70	485.2	47.64	462.0	47.54	441.4	47.45	420.8	47.35	394.6	45.24	371.1	43.87	339.8	42.03
	10.0	9.0	509.0	47.54	490.2	47.48	462.0	47.40	441.4	46.68	420.8	45.96	394.6	42.99	371.1	41.65	339.8	39.87
	15.0	14.0	509.0	47.56	490.2	47.33	462.0	46.99	441.4	45.26	420.8	43.53	394.6	40.78	371.1	39.48	339.8	37.76
	20.0	19.0	509.0	46.27	490.2	45.46	462.0	44.24	441.4	42.62	420.8	41.01	394.6	38.48	371.1	37.23	339.8	35.56
	25.0	23.0	509.0	43.48	490.2	42.71	462.0	41.55	441.4	40.04	420.8	38.53	394.6	36.22	371.1	35.01	339.8	33.40
	30.0	28.0	509.0	40.69	490.2	39.95	462.0	38.85	441.4	37.45	420.8	36.05	394.6	33.97	371.1	32.80	339.8	31.24
	35.0	32.0	509.0	37.90	490.2	37.20	462.0	36.16	441.4	34.87	420.8	33.58	394.6	31.71	371.1	30.59	339.8	29.08
	40.0	36.0	509.0	35.10	490.2	34.45	462.0	33.46	441.4	32.28	420.8	31.10	394.6	29.46	371.1	28.37	339.8	26.92
	45.0	41.0	509.0	32.36	490.2	31.75	462.0	30.82	441.4	29.75	420.8	28.67	394.6	27.24	371.1	26.20	339.8	24.80
	47.0	43.0	509.0	31.50	490.2	30.90	462.0	30.01	441.4	28.96	420.8	27.91	394.6	26.52	371.1	25.50	339.8	24.15
	50.0	46.0	509.0	30.34	490.2	29.76	462.0	28.90	441.4	27.89	420.8	26.88	394.6	25.54	371.1	24.56	339.8	23.26
	55.0	51.0	509.0	28.48	490.2	27.94	462.0	27.12	441.4	26.18	420.8	25.23	394.6	23.97	371.1	23.05	339.8	21.83
60.0	56.0	509.0	26.48	490.2	25.98	462.0	25.22	441.4	24.34	420.8	23.46	394.6	22.29	371.1	21.44	339.8	20.30	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHR1 Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahr1directory.org.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA



ARUM456BTE5 / ARUM456DTE5

456,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-21.6	-22.0	260.4	30.51	259.3	31.40	257.7	32.73	256.1	36.05	254.6	39.37	252.5	43.98	251.2	46.75	249.5	50.44
	-17.1	-17.5	302.2	33.83	301.0	34.72	299.1	36.05	297.0	39.37	295.0	42.69	292.6	45.97	291.1	45.88	289.1	45.75
	-12.6	-13.0	344.1	37.15	342.7	38.04	340.6	39.37	338.9	42.69	337.2	46.01	330.6	45.85	320.0	45.77	306.0	45.67
	-7.0	-7.6	392.9	41.14	392.7	42.02	392.5	43.35	374.5	44.60	356.6	45.85	337.0	45.70	317.7	45.65	291.9	45.57
	-4.0	-4.4	427.3	43.53	413.4	44.42	392.5	45.74	374.5	45.75	356.6	45.75	337.0	45.61	317.7	45.57	291.9	45.51
	0.0	-0.4	431.1	45.99	415.7	45.90	392.5	45.77	374.5	45.70	356.6	45.63	337.0	44.37	317.7	43.63	291.9	42.65
	5.0	4.5	431.1	45.72	415.7	45.61	392.5	45.45	374.5	44.76	356.6	44.07	337.0	42.01	317.7	41.22	291.9	40.17
	10.0	9.0	431.1	45.46	415.7	45.32	392.5	45.12	374.5	43.37	356.6	41.61	337.0	39.65	317.7	38.81	291.9	37.69
	15.0	14.0	431.1	46.06	415.7	44.76	392.5	42.82	374.5	41.01	356.6	39.21	337.0	37.33	317.7	36.45	291.9	35.26
	20.0	19.0	431.1	43.05	415.7	41.85	392.5	40.05	374.5	38.37	356.6	36.70	337.0	34.93	317.7	33.99	291.9	32.73
	25.0	23.0	431.1	40.10	415.7	38.99	392.5	37.33	374.5	35.79	356.6	34.24	337.0	32.57	317.7	31.58	291.9	30.25
	30.0	28.0	431.1	37.15	415.7	36.13	392.5	34.61	374.5	33.20	356.6	31.79	337.0	30.21	317.7	29.16	291.9	27.77
	35.0	32.0	431.1	34.20	415.7	33.28	392.5	31.89	374.5	30.61	356.6	29.33	337.0	27.85	317.7	26.75	291.9	25.30
	40.0	36.0	431.1	31.25	415.7	30.42	392.5	29.17	374.5	28.02	356.6	26.87	337.0	25.49	317.7	24.34	291.9	22.82
	45.0	41.0	431.1	28.38	415.7	27.64	392.5	26.53	374.5	25.51	356.6	24.48	337.0	23.19	317.7	22.01	291.9	20.43
	47.0	43.0	431.1	27.63	415.7	26.91	392.5	25.83	374.5	24.83	356.6	23.83	337.0	22.58	317.7	21.42	291.9	19.89
	50.0	46.0	431.1	26.61	415.7	25.92	392.5	24.88	374.5	23.91	356.6	22.95	337.0	21.74	317.7	20.63	291.9	19.15
	55.0	51.0	431.1	24.98	415.7	24.32	392.5	23.35	374.5	22.45	356.6	21.54	337.0	20.41	317.7	19.37	291.9	17.98
60.0	56.0	431.1	23.23	415.7	22.62	392.5	21.71	374.5	20.87	356.6	20.04	337.0	18.98	317.7	18.01	291.9	16.72	
60	-21.6	-22.0	241.0	28.12	240.0	29.00	238.5	30.33	237.1	33.65	235.7	36.97	233.8	41.58	232.6	44.35	231.0	48.04
	-17.1	-17.5	279.8	31.44	278.6	32.32	276.9	33.65	275.0	36.97	273.1	40.29	270.4	43.56	268.2	43.46	265.2	43.31
	-12.6	-13.0	319.4	34.76	317.2	35.64	314.1	36.97	310.0	40.29	306.0	43.61	288.0	43.43	272.2	43.33	251.1	43.19
	-7.0	-7.6	369.3	38.74	356.6	39.63	337.6	40.96	321.8	42.18	306.0	43.41	288.0	43.27	272.2	43.18	251.1	43.05
	-4.0	-4.4	369.3	41.13	356.6	42.02	337.6	43.35	321.8	43.32	306.0	43.28	288.0	42.62	272.2	41.34	251.1	39.64
	0.0	-0.4	369.3	43.60	356.6	43.55	337.6	43.48	321.8	42.90	306.0	42.33	288.0	40.82	272.2	39.43	251.1	37.58
	5.0	4.5	369.3	43.46	356.6	43.39	337.6	43.29	321.8	41.62	306.0	39.95	288.0	38.46	272.2	37.09	251.1	35.27
	10.0	9.0	369.3	44.20	356.6	43.22	337.6	41.76	321.8	39.67	306.0	37.58	288.0	36.10	272.2	34.75	251.1	32.96
	15.0	14.0	369.3	42.14	356.6	40.93	337.6	39.12	321.8	37.19	306.0	35.25	288.0	33.78	272.2	32.46	251.1	30.69
	20.0	19.0	369.3	39.31	356.6	38.14	337.6	36.37	321.8	34.60	306.0	32.83	288.0	31.37	272.2	30.07	251.1	28.34
	25.0	23.0	369.3	36.55	356.6	35.39	337.6	33.67	321.8	32.06	306.0	30.46	288.0	29.01	272.2	27.73	251.1	26.03
	30.0	28.0	369.3	33.78	356.6	32.65	337.6	30.97	321.8	29.53	306.0	28.09	288.0	26.64	272.2	25.39	251.1	23.72
	35.0	32.0	369.3	31.01	356.6	29.91	337.6	28.27	321.8	26.99	306.0	25.71	288.0	24.28	272.2	23.05	251.1	21.41
	40.0	36.0	369.3	28.24	356.6	27.17	337.6	25.57	321.8	24.46	306.0	23.34	288.0	21.92	272.2	20.71	251.1	19.10
	45.0	41.0	369.3	25.56	356.6	24.52	337.6	22.97	321.8	22.01	306.0	21.05	288.0	19.64	272.2	18.46	251.1	16.88
	47.0	43.0	369.3	24.88	356.6	23.87	337.6	22.36	321.8	21.42	306.0	20.49	288.0	19.12	272.2	17.97	251.1	16.44
	50.0	46.0	369.3	23.96	356.6	22.99	337.6	21.53	321.8	20.63	306.0	19.73	288.0	18.41	272.2	17.31	251.1	15.83
	55.0	51.0	369.3	22.49	356.6	21.58	337.6	20.21	321.8	19.37	306.0	18.52	288.0	17.28	272.2	16.24	251.1	14.86
60.0	56.0	369.3	20.91	356.6	20.07	337.6	18.80	321.8	18.01	306.0	17.22	288.0	16.07	272.2	15.10	251.1	13.82	
50	-21.6	-22.0	223.1	24.13	222.2	25.01	220.8	26.34	219.5	29.66	218.2	32.98	215.2	37.59	211.6	40.36	206.8	44.05
	-17.1	-17.5	259.0	27.45	257.9	28.33	256.3	29.66	251.2	32.98	246.2	36.30	236.9	39.55	227.5	39.39	215.0	39.19
	-12.6	-13.0	308.8	30.77	297.5	31.65	280.6	32.98	268.0	36.30	255.3	39.62	240.3	39.37	226.2	39.20	207.5	38.97
	-7.0	-7.6	308.8	34.75	297.5	35.64	280.6	36.97	268.0	38.18	255.3	39.40	240.3	38.37	226.2	36.50	207.5	34.00
	-4.0	-4.4	308.8	37.14	297.5	38.03	280.6	39.36	268.0	39.31	255.3	39.26	240.3	36.98	226.2	35.16	207.5	32.74
	0.0	-0.4	308.8	39.66	297.5	39.55	280.6	39.38	268.0	38.48	255.3	37.57	240.3	35.26	226.2	33.52	207.5	31.20
	5.0	4.5	308.8	40.39	297.5	39.34	280.6	37.77	268.0	36.52	255.3	35.27	240.3	33.11	226.2	31.46	207.5	29.26
	10.0	9.0	308.8	39.54	297.5	37.87	280.6	35.35	268.0	34.16	255.3	32.97	240.3	30.96	226.2	29.40	207.5	27.32
	15.0	14.0	308.8	36.88	297.5	35.32	280.6	32.98	268.0	31.85	255.3	30.71	240.3	28.85	226.2	27.38	207.5	25.43
	20.0	19.0	308.8	34.10	297.5	32.67	280.6	30.51	268.0	29.44	255.3	28.36	240.3	26.66	226.2	25.28	207.5	23.45
	25.0	23.0	308.8	31.39	297.5	30.07	280.6	28.10	268.0	27.08	255.3	26.06	240.3	24.51	226.2	23.22	207.5	21.51
	30.0	28.0	308.8	28.67	297.5	27.47	280.6	25.68	268.0	24.72	255.3	23.76	240.3	22.36	226.2	21.17	207.5	19.58
	35.0	32.0	308.8	25.95	297.5	24.87	280.6	23.26	268.0	22.36	255.3	21.46	240.3	20.21	226.2	19.11	207.5	17.64
	40.0	36.0	308.8	23.23	297.5	22.28	280.6	20.84	268.0	20.00	255.3	19.15	240.3	18.06	226.2	17.05	207.5	15.71
	45.0	41.0	308.8	20.62	297.5	19.78	280.6	18.52	268.0	17.73	255.3	16.95	240.3	15.99	226.2	15.08	207.5	13.85
	47.0	43.0	308.8	20.07	297.5	19.26	280.6	18.03	268.0	17.26	255.3	16.50	240.3	15.57	226.2	14.68	207.5	13.48
	50.0	46.0	308.8	19.33	297.5	18.54	280.6	17.36	268.0	16.63	255.3	15.89	240.3	14.99	226.2	14.13	207.5	12.99
	55.0	51.0	308.8	18.14	297.5	17.41	280.6	16.30	268.0	15.61	255.3	14.91	240.3	14.07	226.2	13.27	207.5	12.19
60.0	56.0	308.8	16.87	297.5	16.19	280.6	15.16	268.0	14.51	255.3	13.87	240.3	13.09	226.2	12.34	207.5	11.34	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
 The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
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Note:

Low ambient performance with LGRED® heat technology is included in units produced after February 2019.



Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
130	-21.6	-22.0	282.6	17.82	281.4	20.27	279.7	23.95	278.0	27.44	276.3	30.92	274.1	35.38	272.7	37.92	270.8	41.29
	-17.1	-17.5	328.1	21.47	326.7	23.87	324.7	27.47	322.4	30.84	320.2	34.20	317.6	38.29	316.0	40.55	313.8	43.55
	-12.6	-13.0	387.4	25.13	383.1	27.47	376.8	31.00	372.6	34.24	368.5	37.48	365.5	41.20	363.6	43.18	361.1	45.81
	-7.0	-7.6	441.4	29.51	436.6	31.80	429.4	35.22	424.6	38.32	419.9	41.42	416.5	44.69	414.4	46.33	411.5	48.52
	-4.0	-4.4	473.9	32.15	468.7	34.39	461.0	37.76	455.9	40.77	450.7	43.78	447.1	46.79	444.8	48.23	441.8	50.15
	0.0	-0.4	513.9	35.40	508.3	37.59	499.9	40.89	494.4	43.79	488.8	46.70	484.9	49.37	482.4	50.57	479.1	52.16
	5.0	4.5	564.0	39.46	557.8	41.59	548.6	44.80	542.5	47.57	536.5	50.35	532.1	52.61	529.4	53.49	525.8	54.67
	10.0	9.0	614.0	43.52	607.4	45.60	597.3	48.71	590.7	51.35	584.1	54.00	579.3	55.84	576.4	56.41	572.5	57.18
	15.0	14.0	663.1	47.50	655.9	49.52	645.0	52.54	637.9	55.06	630.7	57.57	625.6	58.83	622.4	58.72	618.2	58.58
	20.0	19.0	710.0	51.64	703.9	53.60	694.7	56.53	686.4	57.56	678.2	58.59	669.9	57.43	619.9	56.22	617.0	54.60
	25.0	23.0	720.1	56.83	721.0	57.60	722.3	58.76	711.6	57.97	701.0	57.18	698.3	54.72	619.4	53.53	617.5	51.94
	30.0	28.0	721.0	58.88	721.0	58.71	721.0	58.45	711.0	56.38	701.0	54.32	698.3	52.00	619.4	50.83	617.5	49.27
	35.0	32.0	721.0	60.05	721.0	58.45	721.0	56.05	711.0	53.75	701.0	51.46	698.3	49.29	619.4	48.14	617.5	46.60
	40.0	36.0	721.0	57.59	721.0	55.46	721.0	52.25	711.0	50.43	701.0	48.60	698.3	46.58	619.4	45.45	617.5	43.93
	45.0	41.0	721.0	51.20	721.0	50.12	721.0	48.51	711.0	47.12	701.0	45.73	698.3	43.85	619.4	42.74	617.5	41.26
	47.0	43.0	721.0	49.84	721.0	48.79	721.0	47.22	711.0	45.87	701.0	44.51	698.3	42.69	619.4	41.61	617.5	40.17
	50.0	46.0	721.0	48.00	721.0	46.99	721.0	45.48	711.0	44.18	701.0	42.87	698.3	41.11	619.4	40.07	617.5	38.69
	55.0	51.0	721.0	45.06	721.0	44.11	721.0	42.69	711.0	41.46	701.0	40.24	698.3	38.59	619.4	37.61	617.5	36.31
60.0	56.0	721.0	41.90	721.0	41.02	721.0	39.70	711.0	38.56	701.0	37.42	698.3	35.89	619.4	34.98	617.5	33.77	
120	-21.6	-22.0	280.6	21.95	279.4	23.79	277.7	26.54	276.0	28.95	274.4	31.36	272.2	32.90	270.8	33.24	268.9	33.70
	-17.1	-17.5	325.8	25.39	324.4	27.23	322.4	29.98	320.1	32.40	317.9	34.81	315.3	36.34	313.7	36.69	311.6	37.15
	-12.6	-13.0	377.4	28.84	375.0	30.67	371.5	33.43	368.7	35.84	365.8	38.25	362.9	39.79	361.0	40.13	358.6	40.59
	-7.0	-7.6	435.7	32.97	431.6	34.81	425.4	37.56	421.2	39.97	416.9	42.38	413.5	43.92	411.4	44.26	408.6	44.72
	-4.0	-4.4	467.7	35.45	463.3	37.29	456.7	40.04	452.1	42.45	447.5	44.86	443.9	46.40	441.7	46.74	438.6	47.20
	0.0	-0.4	507.3	38.51	502.5	40.35	495.3	43.10	490.3	45.51	485.4	47.92	481.4	49.46	479.0	49.81	475.7	50.26
	5.0	4.5	556.7	42.34	551.4	44.17	543.5	46.93	538.1	49.34	532.6	51.75	528.3	53.29	525.6	53.63	522.1	54.09
	10.0	9.0	606.1	46.16	600.4	48.00	591.8	50.75	585.8	53.16	579.9	55.58	575.2	57.11	572.3	57.46	568.4	57.92
	15.0	14.0	654.5	49.91	648.3	51.75	639.0	54.50	632.7	56.91	626.3	59.33	610.5	60.58	584.5	60.32	549.8	59.98
	20.0	19.0	702.5	53.82	696.2	55.65	686.7	58.41	671.9	58.59	657.2	58.78	619.1	57.69	581.4	57.36	531.0	56.92
	25.0	23.0	720.2	59.56	715.2	59.48	707.7	59.36	682.4	57.62	657.2	55.87	619.1	54.85	581.4	54.46	531.0	53.93
	30.0	28.0	720.2	59.68	715.2	58.21	707.7	56.01	682.4	54.49	657.2	52.96	619.1	52.02	581.4	51.55	531.0	50.94
	35.0	32.0	720.2	55.81	715.2	54.55	707.7	52.67	682.4	51.36	657.2	50.05	619.1	49.18	581.4	48.65	531.0	47.95
	40.0	36.0	720.2	51.94	715.2	50.89	707.7	49.32	682.4	48.23	657.2	47.14	619.1	46.34	581.4	45.75	531.0	44.96
	45.0	41.0	720.2	48.13	715.2	47.27	707.7	45.99	682.4	45.11	657.2	44.22	619.1	43.50	581.4	42.85	531.0	41.98
	47.0	43.0	720.2	46.85	715.2	46.02	707.7	44.77	682.4	43.91	657.2	43.05	619.1	42.35	581.4	41.71	531.0	40.87
	50.0	46.0	720.2	45.12	715.2	44.32	707.7	43.12	682.4	42.29	657.2	41.46	619.1	40.79	581.4	40.17	531.0	39.36
	55.0	51.0	720.2	42.35	715.2	41.60	707.7	40.47	682.4	39.69	657.2	38.92	619.1	38.28	581.4	37.71	531.0	36.94
60.0	56.0	720.2	39.38	715.2	38.69	707.7	37.64	682.4	36.91	657.2	36.19	619.1	35.60	581.4	35.07	531.0	34.36	
110	-21.6	-22.0	279.1	27.92	277.9	29.30	276.2	31.36	274.5	33.63	272.9	35.91	270.7	40.13	269.3	43.58	267.5	48.17
	-17.1	-17.5	324.0	31.36	322.6	32.74	320.6	34.81	318.4	37.08	316.2	39.35	313.6	43.58	312.0	47.02	309.9	51.61
	-12.6	-13.0	370.0	34.81	369.0	36.18	367.5	38.25	365.7	40.52	363.9	42.80	360.9	47.02	359.1	50.46	356.6	55.06
	-7.0	-7.6	424.7	38.94	422.7	40.32	419.7	42.38	417.2	44.66	414.6	46.93	411.3	51.15	409.2	54.60	406.4	59.19
	-4.0	-4.4	457.7	41.42	454.9	42.80	450.7	44.86	447.9	47.13	445.1	49.41	441.5	53.63	439.3	57.08	436.3	61.67
	0.0	-0.4	498.4	44.48	494.7	45.86	489.2	47.92	485.9	50.20	482.7	52.47	478.8	56.69	476.4	60.14	473.1	64.73
	5.0	4.5	549.2	48.31	544.4	49.68	537.3	51.75	533.5	54.02	529.8	56.29	522.6	59.29	513.9	60.09	502.2	61.16
	10.0	9.0	600.0	52.13	594.2	53.51	585.4	55.58	581.1	57.85	576.8	60.12	552.5	59.35	525.1	58.23	488.5	56.74
	15.0	14.0	649.7	55.88	642.9	57.26	632.6	59.33	611.3	59.18	590.0	59.04	555.4	57.47	524.0	55.65	482.1	53.21
	20.0	19.0	712.8	61.20	687.6	60.50	649.9	59.46	620.0	57.94	590.0	56.42	555.4	54.68	524.0	52.98	482.1	50.72
	25.0	23.0	712.8	60.13	687.6	58.85	649.9	56.93	620.0	55.24	590.0	53.54	555.4	51.94	524.0	50.37	482.1	48.28
	30.0	28.0	712.8	57.04	687.6	55.60	649.9	53.44	620.0	52.05	590.0	50.66	555.4	49.21	524.0	47.76	482.1	45.84
	35.0	32.0	712.8	52.70	687.6	51.60	649.9	49.96	620.0	48.87	590.0	47.78	555.4	46.47	524.0	45.15	482.1	43.40
	40.0	36.0	712.8	48.36	687.6	47.60	649.9	46.47	620.0	45.69	590.0	44.90	555.4	43.73	524.0	42.54	482.1	40.95
	45.0	41.0	712.8	44.13	687.6	43.69	649.9	43.03	620.0	42.53	590.0	42.03	555.4	40.99	524.0	39.93	482.1	38.50
	47.0	43.0	712.8	42.96	687.6	42.53	649.9	41.89	620.0	41.40	590.0	40.92	555.4	39.91	524.0	38.87	482.1	37.48
	50.0	46.0	712.8	41.37	687.6	40.96	649.9	40.35	620.0	39.88	590.0	39.41	555.4	38.44	524.0	37.43	482.1	36.10
	55.0	51.0	712.8	38.83	687.6	38.45	649.9	37.87	620.0	37.43	590.0	36.99	555.4	36.08	524.0	35.13	482.1	33.88
60.0	56.0	712.8	36.11	687.6	35.75	649.9	35.22	620.0	34.81	590.0	34.40	555.4	33.55	524.0	32.67	482.1	31.51	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50-130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA



ARUM480BTE5 / ARUM480DTE5

480,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-21.6	-22.0	277.9	22.72	276.8	25.98	275.1	30.88	273.4	34.20	271.8	37.53	269.6	42.18	268.2	45.05	266.4	48.88
	-17.1	-17.5	322.7	27.33	321.3	30.04	319.3	34.09	317.1	37.47	314.9	40.85	312.4	45.58	310.8	48.34	308.6	52.03
	-12.6	-13.0	367.4	31.73	365.9	34.09	363.6	37.63	363.0	40.90	362.4	44.16	359.4	48.97	357.6	51.63	355.2	55.18
	-7.0	-7.6	421.0	36.99	419.3	38.95	416.7	41.88	414.8	45.01	412.9	48.14	409.6	53.04	407.5	55.58	404.7	58.96
	-4.0	-4.4	453.2	40.16	451.4	41.87	448.5	44.43	445.9	47.48	443.3	50.53	439.7	55.49	437.5	57.95	434.5	61.22
	0.0	-0.4	491.7	44.06	489.6	45.47	486.6	47.58	483.7	50.53	480.8	53.47	475.6	57.93	470.6	59.07	463.9	60.60
	5.0	4.5	539.6	48.94	537.3	49.97	534.0	51.51	528.1	54.34	522.2	57.16	501.4	58.60	481.0	58.42	453.9	58.17
	10.0	9.0	581.1	53.82	574.2	54.47	563.8	55.45	551.9	57.06	540.0	58.67	508.3	57.72	478.5	56.33	438.8	54.48
	15.0	14.0	627.3	58.97	613.8	58.88	593.6	58.75	566.8	58.36	540.0	57.97	508.3	54.94	478.5	53.27	438.8	51.05
	20.0	19.0	653.1	59.22	629.3	58.61	593.6	57.68	566.8	56.17	540.0	54.67	508.3	51.77	478.5	50.19	438.8	48.08
	25.0	23.0	653.1	59.28	629.3	56.86	593.6	53.22	566.8	52.32	540.0	51.42	508.3	48.67	478.5	47.17	438.8	45.16
	30.0	28.0	653.1	55.23	629.3	53.20	593.6	50.15	566.8	49.17	540.0	48.18	508.3	45.56	478.5	44.14	438.8	42.25
	35.0	32.0	653.1	51.18	629.3	49.54	593.6	47.08	566.8	46.01	540.0	44.94	508.3	42.46	478.5	41.12	438.8	39.33
	40.0	36.0	653.1	47.14	629.3	45.89	593.6	44.01	566.8	42.85	540.0	41.70	508.3	39.35	478.5	38.09	438.8	36.42
	45.0	41.0	653.1	43.18	629.3	42.30	593.6	40.97	566.8	39.74	540.0	38.51	508.3	36.30	478.5	35.13	438.8	33.56
	47.0	43.0	653.1	42.04	629.3	41.17	593.6	39.88	566.8	38.69	540.0	37.49	508.3	35.34	478.5	34.19	438.8	32.67
	50.0	46.0	653.1	40.49	629.3	39.65	593.6	38.41	566.8	37.26	540.0	36.11	508.3	34.03	478.5	32.93	438.8	31.46
	55.0	51.0	653.1	38.00	629.3	37.22	593.6	36.05	566.8	34.97	540.0	33.89	508.3	31.94	478.5	30.91	438.8	29.53
60.0	56.0	653.1	35.34	629.3	34.61	593.6	33.53	566.8	32.52	540.0	31.52	508.3	29.71	478.5	28.74	438.8	27.46	
90	-21.6	-22.0	276.8	29.28	275.7	31.03	273.9	33.65	272.3	37.16	270.7	40.67	268.5	43.12	267.1	45.42	265.3	48.48
	-17.1	-17.5	321.3	32.73	320.0	34.47	318.0	37.09	315.8	40.60	313.6	44.12	311.1	46.56	309.5	48.86	307.4	51.92
	-12.6	-13.0	365.9	36.17	364.4	37.92	362.1	40.53	361.5	44.05	360.9	47.56	358.0	50.01	356.1	52.30	353.7	55.36
	-7.0	-7.6	419.3	40.30	417.6	42.05	415.0	44.67	413.1	48.18	411.3	51.69	407.9	54.14	405.8	56.44	403.1	59.50
	-4.0	-4.4	451.4	42.78	449.5	44.53	446.7	47.15	444.1	50.66	441.5	54.17	437.9	55.58	435.7	55.66	432.7	55.76
	0.0	-0.4	489.7	45.84	487.6	47.59	484.6	50.21	481.1	52.98	477.6	55.75	459.3	55.55	439.3	55.35	412.7	55.08
	5.0	4.5	541.8	49.67	535.1	51.42	525.2	54.03	509.8	54.78	494.5	55.54	465.4	54.72	437.1	53.26	399.3	51.31
	10.0	9.0	591.9	54.96	572.0	55.24	542.2	55.67	518.4	55.50	494.5	55.33	465.4	52.70	437.1	50.34	399.3	47.19
	15.0	14.0	598.9	55.69	576.2	55.57	542.2	55.40	518.4	54.13	494.5	52.86	465.4	49.99	437.1	47.73	399.3	44.72
	20.0	19.0	598.9	56.03	576.2	54.90	542.2	53.21	518.4	51.54	494.5	49.86	465.4	47.17	437.1	45.02	399.3	42.16
	25.0	23.0	598.9	52.70	576.2	51.64	542.2	50.05	518.4	48.49	494.5	46.92	465.4	44.41	437.1	42.37	399.3	39.64
	30.0	28.0	598.9	49.38	576.2	48.38	542.2	46.89	518.4	45.44	494.5	43.98	465.4	41.65	437.1	39.71	399.3	37.13
	35.0	32.0	598.9	46.05	576.2	45.12	542.2	43.73	518.4	42.39	494.5	41.04	465.4	38.89	437.1	37.05	399.3	34.61
	40.0	36.0	598.9	42.72	576.2	41.86	542.2	40.57	518.4	39.34	494.5	38.10	465.4	36.13	437.1	34.40	399.3	32.09
	45.0	41.0	598.9	39.45	576.2	38.65	542.2	37.46	518.4	36.34	494.5	35.21	465.4	33.41	437.1	31.79	399.3	29.62
	47.0	43.0	598.9	38.40	576.2	37.63	542.2	36.47	518.4	35.37	494.5	34.28	465.4	32.52	437.1	30.94	399.3	28.83
	50.0	46.0	598.9	36.98	576.2	36.24	542.2	35.12	518.4	34.07	494.5	33.01	465.4	31.32	437.1	29.80	399.3	27.77
	55.0	51.0	598.9	34.71	576.2	34.01	542.2	32.97	518.4	31.98	494.5	30.99	465.4	29.40	437.1	27.97	399.3	26.07
60.0	56.0	598.9	32.28	576.2	31.63	542.2	30.66	518.4	29.74	494.5	28.82	465.4	27.34	437.1	26.01	399.3	24.24	
80	-21.6	-22.0	275.7	29.53	274.5	31.45	272.8	34.35	271.2	36.41	269.5	38.48	267.4	43.95	266.0	46.82	264.2	50.65
	-17.1	-17.5	320.0	32.97	318.7	34.90	316.7	37.79	314.5	39.86	312.3	41.92	309.8	47.40	308.2	50.27	306.1	54.09
	-12.6	-13.0	364.4	36.41	362.9	38.34	360.6	41.24	358.8	43.30	357.0	45.37	355.2	49.45	355.1	49.33	355.1	49.18
	-7.0	-7.6	417.6	40.55	415.9	42.48	413.3	45.37	411.4	47.43	409.6	49.50	403.3	49.28	395.0	49.17	384.0	49.02
	-4.0	-4.4	449.5	43.03	447.7	44.95	444.9	47.85	442.2	48.62	439.6	49.40	414.2	49.17	391.1	49.07	360.3	48.93
	0.0	-0.4	492.4	47.06	485.6	48.02	475.5	49.45	459.2	49.36	442.9	49.27	415.4	48.74	390.7	47.98	357.7	46.97
	5.0	4.5	527.1	49.47	510.8	49.40	486.3	49.30	464.6	49.20	442.9	49.11	415.4	46.92	390.7	45.49	357.7	43.59
	10.0	9.0	535.7	49.30	516.0	49.24	486.3	49.16	464.6	48.41	442.9	47.66	415.4	44.58	390.7	43.20	357.7	41.35
	15.0	14.0	535.7	49.33	516.0	49.09	486.3	48.73	464.6	46.94	442.9	45.15	415.4	42.29	390.7	40.95	357.7	39.16
	20.0	19.0	535.7	47.99	516.0	47.15	486.3	45.88	464.6	44.20	442.9	42.53	415.4	39.91	390.7	38.61	357.7	36.87
	25.0	23.0	535.7	45.09	516.0	44.29	486.3	43.09	464.6	41.52	442.9	39.96	415.4	37.57	390.7	36.31	357.7	34.64
	30.0	28.0	535.7	42.20	516.0	41.43	486.3	40.29	464.6	38.84	442.9	37.39	415.4	35.23	390.7	34.01	357.7	32.40
	35.0	32.0	535.7	39.30	516.0	38.58	486.3	37.50	464.6	36.16	442.9	34.82	415.4	32.89	390.7	31.72	357.7	30.16
	40.0	36.0	535.7	36.40	516.0	35.72	486.3	34.71	464.6	33.48	442.9	32.25	415.4	30.55	390.7	29.42	357.7	27.92
	45.0	41.0	535.7	33.56	516.0	32.92	486.3	31.97	464.6	30.85	442.9	29.73	415.4	28.25	390.7	27.17	357.7	25.72
	47.0	43.0	535.7	32.67	516.0	32.05	486.3	31.12	464.6	30.03	442.9	28.94	415.4	27.50	390.7	26.45	357.7	25.04
	50.0	46.0	535.7	31.46	516.0	30.87	486.3	29.97	464.6	28.92	442.9	27.88	415.4	26.49	390.7	25.47	357.7	24.12
	55.0	51.0	535.7	29.53	516.0	28.97	486.3	28.13	464.6	27.15	442.9	26.16	415.4	24.86	390.7	23.91	357.7	22.64
60.0	56.0	535.7	27.46	516.0	26.94	486.3	26.16	464.6	25.24	442.9	24.33	415.4	23.12	390.7	22.23	357.7	21.05	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50-130%.

Rated capacity is certified under AHR1 Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-21.6	-22.0	274.1	31.64	272.9	32.56	271.2	33.94	269.6	37.38	268.0	40.83	265.8	45.61	264.4	48.48	262.6	52.31
	-17.1	-17.5	318.1	35.09	316.8	36.01	314.8	37.38	312.7	40.83	310.5	44.27	308.0	47.67	306.4	47.58	304.3	47.45
	-12.6	-13.0	362.2	38.53	360.7	39.45	358.5	40.83	356.7	44.27	354.9	47.71	348.0	47.55	336.9	47.47	322.1	47.36
	-7.0	-7.6	413.6	42.66	413.4	43.58	413.1	44.96	394.2	46.25	375.4	47.55	354.8	47.39	334.4	47.34	307.3	47.26
	-4.0	-4.4	449.8	45.14	435.1	46.06	413.1	47.44	394.2	47.44	375.4	47.45	354.8	47.30	334.4	47.26	307.3	47.20
	0.0	-0.4	453.8	47.69	437.6	47.60	413.1	47.47	394.2	47.40	375.4	47.32	354.8	46.01	334.4	45.25	307.3	44.23
	5.0	4.5	453.8	47.42	437.6	47.30	413.1	47.13	394.2	46.42	375.4	45.70	354.8	43.57	334.4	42.75	307.3	41.66
	10.0	9.0	453.8	47.14	437.6	47.00	413.1	46.79	394.2	44.97	375.4	43.16	354.8	41.12	334.4	40.25	307.3	39.09
	15.0	14.0	453.8	47.76	437.6	46.42	413.1	44.41	394.2	42.53	375.4	40.66	354.8	38.72	334.4	37.80	307.3	36.57
	20.0	19.0	453.8	44.64	437.6	43.40	413.1	41.53	394.2	39.80	375.4	38.06	354.8	36.22	334.4	35.25	307.3	33.95
	25.0	23.0	453.8	41.58	437.6	40.44	413.1	38.71	394.2	37.11	375.4	35.51	354.8	33.77	334.4	32.75	307.3	31.37
	30.0	28.0	453.8	38.52	437.6	37.47	413.1	35.89	394.2	34.43	375.4	32.96	354.8	31.33	334.4	30.25	307.3	28.80
	35.0	32.0	453.8	35.47	437.6	34.51	413.1	33.07	394.2	31.75	375.4	30.42	354.8	28.88	334.4	27.75	307.3	26.23
	40.0	36.0	453.8	32.41	437.6	31.55	413.1	30.26	394.2	29.06	375.4	27.87	354.8	26.43	334.4	25.24	307.3	23.66
	45.0	41.0	453.8	29.43	437.6	28.67	413.1	27.52	394.2	26.45	375.4	25.39	354.8	24.05	334.4	22.82	307.3	21.19
	47.0	43.0	453.8	28.65	437.6	27.91	413.1	26.79	394.2	25.75	375.4	24.72	354.8	23.41	334.4	22.22	307.3	20.62
	50.0	46.0	453.8	27.60	437.6	26.88	413.1	25.80	394.2	24.80	375.4	23.81	354.8	22.55	334.4	21.40	307.3	19.86
	55.0	51.0	453.8	25.90	437.6	25.23	413.1	24.21	394.2	23.28	375.4	22.34	354.8	21.16	334.4	20.08	307.3	18.64
60.0	56.0	453.8	24.09	437.6	23.46	413.1	22.52	394.2	21.65	375.4	20.78	354.8	19.68	334.4	18.68	307.3	17.34	
60	-21.6	-22.0	253.7	29.16	252.6	30.08	251.1	31.46	249.6	34.90	248.1	38.34	246.1	43.13	244.8	46.00	243.1	49.82
	-17.1	-17.5	294.5	32.60	293.3	33.52	291.5	34.90	289.4	38.34	287.4	41.79	284.7	45.18	282.3	45.07	279.1	44.92
	-12.6	-13.0	336.2	36.05	333.9	36.97	330.6	38.34	326.3	41.79	322.1	45.23	303.2	45.04	286.5	44.93	264.3	44.80
	-7.0	-7.6	388.7	40.18	375.4	41.10	355.4	42.48	338.7	43.75	322.1	45.02	303.2	44.87	286.5	44.78	264.3	44.65
	-4.0	-4.4	388.7	42.66	375.4	43.58	355.4	44.95	338.7	44.92	322.1	44.89	303.2	44.20	286.5	42.87	264.3	41.11
	0.0	-0.4	388.7	45.22	375.4	45.17	355.4	45.09	338.7	44.49	322.1	43.90	303.2	42.34	286.5	40.89	264.3	38.97
	5.0	4.5	388.7	45.07	375.4	45.00	355.4	44.89	338.7	43.16	322.1	41.43	303.2	39.88	286.5	38.47	264.3	36.57
	10.0	9.0	388.7	45.84	375.4	44.83	355.4	43.31	338.7	41.14	322.1	38.97	303.2	37.43	286.5	36.04	264.3	34.18
	15.0	14.0	388.7	43.70	375.4	42.45	355.4	40.57	338.7	38.57	322.1	36.56	303.2	35.03	286.5	33.66	264.3	31.83
	20.0	19.0	388.7	40.77	375.4	39.55	355.4	37.72	338.7	35.88	322.1	34.05	303.2	32.53	286.5	31.18	264.3	29.39
	25.0	23.0	388.7	37.90	375.4	36.71	355.4	34.92	338.7	33.25	322.1	31.59	303.2	30.08	286.5	28.76	264.3	26.99
	30.0	28.0	388.7	35.03	375.4	33.86	355.4	32.12	338.7	30.62	322.1	29.13	303.2	27.63	286.5	26.33	264.3	24.60
	35.0	32.0	388.7	32.16	375.4	31.02	355.4	29.32	338.7	27.99	322.1	26.67	303.2	25.18	286.5	23.90	264.3	22.20
	40.0	36.0	388.7	29.29	375.4	28.18	355.4	26.52	338.7	25.36	322.1	24.21	303.2	22.73	286.5	21.48	264.3	19.81
	45.0	41.0	388.7	26.50	375.4	25.43	355.4	23.82	338.7	22.82	322.1	21.83	303.2	20.37	286.5	19.14	264.3	17.51
	47.0	43.0	388.7	25.80	375.4	24.76	355.4	23.19	338.7	22.22	322.1	21.25	303.2	19.83	286.5	18.63	264.3	17.05
	50.0	46.0	388.7	24.85	375.4	23.84	355.4	22.33	338.7	21.40	322.1	20.46	303.2	19.09	286.5	17.95	264.3	16.42
	55.0	51.0	388.7	23.32	375.4	22.38	355.4	20.96	338.7	20.08	322.1	19.21	303.2	17.92	286.5	16.84	264.3	15.41
60.0	56.0	388.7	21.69	375.4	20.81	355.4	19.49	338.7	18.68	322.1	17.86	303.2	16.67	286.5	15.66	264.3	14.33	
50	-21.6	-22.0	234.9	25.02	233.9	25.94	232.4	27.32	231.0	30.76	229.6	34.21	226.5	38.99	222.7	41.86	217.7	45.68
	-17.1	-17.5	272.6	28.47	271.5	29.38	269.8	30.76	264.5	34.21	259.1	37.65	249.3	41.02	239.5	40.85	226.3	40.64
	-12.6	-13.0	325.0	31.91	313.2	32.83	295.4	34.21	282.1	37.65	268.8	41.09	253.0	40.83	238.1	40.66	218.4	40.42
	-7.0	-7.6	325.0	36.04	313.2	36.96	295.4	38.34	282.1	39.60	268.8	40.86	253.0	39.80	238.1	37.85	218.4	35.26
	-4.0	-4.4	325.0	38.52	313.2	39.44	295.4	40.82	282.1	40.77	268.8	40.72	253.0	38.35	238.1	36.47	218.4	33.96
	0.0	-0.4	325.0	41.13	313.2	41.01	295.4	40.84	282.1	39.90	268.8	38.96	253.0	36.57	238.1	34.76	218.4	32.35
	5.0	4.5	325.0	41.89	313.2	40.80	295.4	39.17	282.1	37.87	268.8	36.58	253.0	34.34	238.1	32.63	218.4	30.34
	10.0	9.0	325.0	41.01	313.2	39.27	295.4	36.66	282.1	35.43	268.8	34.19	253.0	32.11	238.1	30.49	218.4	28.34
	15.0	14.0	325.0	38.25	313.2	36.63	295.4	34.20	282.1	33.03	268.8	31.85	253.0	29.92	238.1	28.40	218.4	26.37
	20.0	19.0	325.0	35.37	313.2	33.88	295.4	31.65	282.1	30.53	268.8	29.41	253.0	27.65	238.1	26.22	218.4	24.32
	25.0	23.0	325.0	32.55	313.2	31.19	295.4	29.14	282.1	28.08	268.8	27.03	253.0	25.42	238.1	24.09	218.4	22.31
	30.0	28.0	325.0	29.73	313.2	28.49	295.4	26.63	282.1	25.64	268.8	24.64	253.0	23.19	238.1	21.95	218.4	20.30
	35.0	32.0	325.0	26.91	313.2	25.80	295.4	24.12	282.1	23.19	268.8	22.25	253.0	20.96	238.1	19.82	218.4	18.30
	40.0	36.0	325.0	24.09	313.2	23.10	295.4	21.62	282.1	20.74	268.8	19.86	253.0	18.73	238.1	17.68	218.4	16.29
	45.0	41.0	325.0	21.38	313.2	20.51	295.4	19.21	282.1	18.39	268.8	17.57	253.0	16.59	238.1	15.63	218.4	14.36
	47.0	43.0	325.0	20.82	313.2	19.97	295.4	18.70	282.1	17.90	268.8	17.11	253.0	16.15	238.1	15.22	218.4	13.98
	50.0	46.0	325.0	20.05	313.2	19.23	295.4	18.01	282.1	17.24	268.8	16.48	253.0	15.55	238.1	14.66	218.4	13.47
	55.0	51.0	325.0	18.82	313.2	18.05	295.4	16.90	282.1	16.18	268.8	15.47	253.0	14.60	238.1	13.76	218.4	12.64
60.0	56.0	325.0	17.50	313.2	16.79	295.4	15.72	282.1	15.05	268.8	14.38	253.0	13.57	238.1	12.79	218.4	11.76	

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRl Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahrirectory.org.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA



ARUM504BTE5 / ARUM504DTE5

504,000 Btu/h 208-230V / 460V Outdoor Units

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB																
			59		61		64		67		70		73		76		80		
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	
130	-21.6	-22.0	296.7	19.45	295.5	22.13	293.7	26.15	291.9	29.95	290.2	33.76	287.8	38.63	286.3	41.39	284.4	45.08	
	-17.1	-17.5	344.5	23.44	343.1	26.06	340.9	30.00	338.6	33.67	336.2	37.34	333.5	41.81	331.8	44.27	329.5	47.55	
	-12.6	-13.0	406.7	27.43	402.3	30.00	395.7	33.84	391.3	37.38	386.9	40.92	383.7	44.98	381.8	47.14	379.2	50.02	
	-7.0	-7.6	463.5	32.22	458.4	34.71	450.9	38.45	445.9	41.84	440.9	45.22	437.3	48.79	435.1	50.59	432.1	52.98	
	-4.0	-4.4	497.6	35.10	492.1	37.55	484.0	41.22	478.6	44.51	473.3	47.80	469.4	51.08	467.1	52.65	463.9	54.75	
	0.0	-0.4	539.6	38.64	533.7	41.04	524.9	44.64	519.1	47.81	513.3	50.99	509.1	53.90	506.5	55.21	503.1	56.94	
	5.0	4.5	592.2	43.08	585.7	45.41	576.1	48.91	569.7	51.94	563.3	54.97	558.7	57.43	555.9	58.40	552.1	59.68	
	10.0	9.0	644.7	47.51	637.7	49.78	627.2	53.18	620.2	56.06	613.3	58.95	608.3	60.96	605.2	61.59	601.1	62.43	
	15.0	14.0	696.3	51.86	688.7	54.06	677.3	57.37	669.8	60.11	662.3	62.85	656.9	64.23	653.6	64.11	649.1	63.96	
	20.0	19.0	745.5	56.38	739.1	58.52	729.5	61.72	720.8	62.84	712.1	63.97	709.7	62.70	705.9	61.38	702.2	59.61	
	25.0	23.0	756.2	62.04	751.1	62.89	758.4	64.15	747.2	63.29	736.0	62.43	731.2	59.74	726.4	58.44	722.8	56.70	
	30.0	28.0	757.1	64.28	757.1	64.09	757.1	63.81	746.5	61.56	736.0	59.30	731.2	56.78	726.4	55.50	722.8	53.79	
	35.0	32.0	757.1	65.56	757.1	63.81	757.1	61.19	746.5	58.69	736.0	56.18	731.2	53.81	726.4	52.56	722.8	50.88	
	40.0	36.0	757.1	62.88	757.1	60.55	757.1	57.05	746.5	55.05	736.0	53.06	731.2	50.85	726.4	49.62	722.8	47.97	
	45.0	41.0	757.1	55.90	757.1	54.72	757.1	52.96	746.5	51.44	736.0	49.92	731.2	47.87	726.4	46.66	722.8	45.05	
	47.0	43.0	757.1	54.42	757.1	53.27	757.1	51.55	746.5	50.08	736.0	48.60	731.2	46.60	726.4	45.42	722.8	43.85	
	50.0	46.0	757.1	52.41	757.1	51.31	757.1	49.65	746.5	48.23	736.0	46.81	731.2	44.88	726.4	43.75	722.8	42.24	
	55.0	51.0	757.1	49.19	757.1	48.16	757.1	46.60	746.5	45.27	736.0	43.93	731.2	42.13	726.4	41.06	722.8	39.64	
	60.0	56.0	757.1	45.75	757.1	44.78	757.1	43.34	746.5	42.10	736.0	40.85	731.2	39.18	726.4	38.19	722.8	36.87	
	120	-21.6	-22.0	294.6	23.96	293.4	25.97	291.6	28.98	289.8	31.61	288.1	34.24	285.8	35.92	284.3	36.30	282.4	36.80
		-17.1	-17.5	342.0	27.72	340.6	29.73	338.5	32.74	336.2	35.37	333.8	38.00	331.1	39.68	329.4	40.05	327.2	40.56
-12.6		-13.0	396.3	31.48	393.8	33.49	390.1	36.50	387.1	39.13	384.1	41.76	381.0	43.44	379.1	43.81	376.5	44.32	
-7.0		-7.6	457.5	35.99	453.2	38.00	446.7	41.01	442.2	43.64	437.7	46.27	434.2	47.95	432.0	48.33	429.0	48.83	
-4.0		-4.4	491.1	38.70	486.5	40.71	479.5	43.71	474.7	46.35	469.9	48.98	466.1	50.66	463.7	51.03	460.6	51.53	
0.0		-0.4	532.6	42.04	527.6	44.05	520.0	47.06	514.8	49.69	509.6	52.32	505.5	54.00	502.9	54.38	499.5	54.88	
5.0		4.5	584.5	46.22	579.0	48.23	570.7	51.23	565.0	53.87	559.3	56.50	554.7	58.18	551.9	58.55	548.2	59.05	
10.0		9.0	636.4	50.40	630.4	52.40	621.3	55.41	615.1	58.04	608.9	60.68	604.0	62.35	600.9	62.73	596.8	63.23	
15.0		14.0	687.2	54.49	680.7	56.50	671.0	59.51	664.3	62.14	657.6	64.77	641.0	66.14	633.7	65.86	629.3	65.48	
20.0		19.0	737.6	58.75	731.0	60.76	721.0	63.77	705.5	63.97	690.0	64.18	650.1	62.98	610.4	62.62	557.6	62.15	
25.0		23.0	756.2	65.02	751.0	64.94	743.1	64.81	716.5	62.90	690.0	61.00	650.1	59.88	610.4	59.45	557.6	58.88	
30.0		28.0	756.2	65.16	751.0	63.55	743.1	61.15	716.5	59.49	690.0	57.82	650.1	56.79	610.4	56.28	557.6	55.61	
35.0		32.0	756.2	60.93	751.0	59.56	743.1	57.50	716.5	56.07	690.0	54.64	650.1	53.69	610.4	53.12	557.6	52.35	
40.0		36.0	756.2	56.71	751.0	55.56	743.1	53.84	716.5	52.65	690.0	51.46	650.1	50.59	610.4	49.95	557.6	49.08	
45.0		41.0	756.2	52.54	751.0	51.61	743.1	50.21	716.5	49.25	690.0	48.28	650.1	47.49	610.4	46.78	557.6	45.83	
47.0		43.0	756.2	51.15	751.0	50.24	743.1	48.88	716.5	47.94	690.0	47.00	650.1	46.23	610.4	45.54	557.6	44.62	
50.0		46.0	756.2	49.26	751.0	48.39	743.1	47.08	716.5	46.17	690.0	45.27	650.1	44.53	610.4	43.86	557.6	42.97	
55.0		51.0	756.2	46.24	751.0	45.42	743.1	44.19	716.5	43.34	690.0	42.49	650.1	41.79	610.4	41.17	557.6	40.33	
60.0		56.0	756.2	43.00	751.0	42.24	743.1	41.09	716.5	40.30	690.0	39.51	650.1	38.87	610.4	38.28	557.6	37.51	
110		-21.6	-22.0	293.0	30.48	291.8	31.98	290.0	34.24	288.3	36.72	286.5	39.20	284.2	43.81	282.8	47.57	280.8	52.59
		-17.1	-17.5	340.2	34.24	338.8	35.74	336.7	38.00	334.3	40.48	332.0	42.96	329.3	47.57	327.6	51.33	325.4	56.35
	-12.6	-13.0	388.5	38.00	387.4	39.50	385.8	41.76	383.9	44.24	382.1	46.72	379.0	51.33	377.0	55.09	374.5	60.11	
	-7.0	-7.6	445.9	42.51	443.8	44.02	440.6	46.27	438.0	48.75	435.4	51.23	431.8	55.85	429.6	59.61	426.7	64.62	
	-4.0	-4.4	480.6	45.22	477.7	46.72	473.2	48.98	470.3	51.46	467.4	53.94	463.6	58.55	461.2	62.31	458.1	67.33	
	0.0	-0.4	523.3	48.56	519.4	50.06	513.6	52.32	510.2	54.80	506.9	57.28	502.8	61.89	500.2	65.65	496.8	70.67	
	5.0	4.5	576.6	52.74	571.6	54.24	564.2	56.50	560.2	58.98	556.3	61.46	548.8	64.73	539.6	65.61	527.3	66.78	
	10.0	9.0	630.0	56.92	623.9	58.42	614.7	60.68	610.2	63.16	605.6	65.64	580.1	64.79	551.3	63.57	512.9	61.95	
	15.0	14.0	682.2	61.01	675.0	62.51	664.2	64.77	641.9	64.62	619.5	64.46	583.2	62.75	550.2	60.75	506.2	58.10	
	20.0	19.0	748.4	66.82	722.0	66.06	682.4	64.91	651.0	63.26	619.5	61.60	583.2	59.70	550.2	57.85	506.2	55.38	
	25.0	23.0	748.4	65.65	722.0	64.25	682.4	62.15	651.0	60.30	619.5	58.46	583.2	56.71	550.2	54.99	506.2	52.71	
	30.0	28.0	748.4	62.28	722.0	60.70	682.4	58.35	651.0	56.83	619.5	55.31	583.2	53.72	550.2	52.14	506.2	50.04	
	35.0	32.0	748.4	57.54	722.0	56.34	682.4	54.54	651.0	53.35	619.5	52.17	583.2	50.73	550.2	49.29	506.2	47.38	
	40.0	36.0	748.4	52.79	722.0	51.97	682.4	50.73	651.0	49.88	619.5	49.02	583.2	47.74	550.2	46.44	506.2	44.71	
	45.0	41.0	748.4	48.18	722.0	47.70	682.4	46.98	651.0	46.44	619.5	45.89	583.2	44.76	550.2	43.59	506.2	42.03	
	47.0	43.0	748.4	46.90	722.0	46.43	682.4	45.73	651.0	45.20	619.5	44.67	583.2	43.57	550.2	42.43	506.2	40.92	
	50.0	46.0	748.4	45.17	722.0	44.72	682.4	44.05	651.0	43.54	619.5	43.02	583.2	41.96	550.2	40.87	506.2	39.41	
	55.0	51.0	748.4	42.39	722.0	41.97	682.4	41.34	651.0	40.86	619.5	40.38	583.2	39.39	550.2	38.36	506.2	36.99	
	60.0	56.0	748.4	39.43	722.0	39.03	682.4	38.45	651.0	38.00	619.5	37.55	583.2	36.63	550.2	35.67	506.2	34.40	

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50-130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
100	-21.6	-22.0	291.8	24.81	290.6	28.37	288.8	33.71	287.1	37.34	285.4	40.97	283.1	46.06	281.6	49.19	279.7	53.36
	-17.1	-17.5	338.8	29.84	337.4	32.79	335.3	37.21	333.0	40.90	330.6	44.59	328.0	49.76	326.3	52.78	324.1	56.80
	-12.6	-13.0	385.7	34.64	384.1	37.21	381.7	41.08	381.1	44.65	380.5	48.21	377.4	53.46	375.5	56.37	372.9	60.24
	-7.0	-7.6	442.1	40.39	440.3	42.52	437.5	45.72	435.5	49.14	433.6	52.56	430.1	57.91	427.9	60.68	425.0	64.37
	-4.0	-4.4	475.9	43.84	473.9	45.71	471.0	48.51	468.2	51.83	465.5	55.16	461.7	60.58	459.3	63.26	456.2	66.84
	0.0	-0.4	516.3	48.10	514.1	49.64	510.9	51.94	507.9	55.16	504.8	58.38	499.4	63.25	494.1	64.50	487.1	66.16
	5.0	4.5	566.6	53.43	564.2	54.55	560.7	56.24	554.5	59.32	548.3	62.40	526.4	63.98	505.1	63.78	476.6	63.51
	10.0	9.0	610.2	58.76	602.9	59.47	592.0	60.54	579.5	62.30	567.0	64.05	533.7	63.02	502.4	61.50	460.8	59.48
	15.0	14.0	658.7	64.38	644.5	64.28	623.2	64.14	595.1	63.71	567.0	63.29	533.7	59.98	502.4	58.16	460.8	55.73
	20.0	19.0	685.7	64.66	660.7	63.98	623.2	62.97	595.1	61.33	567.0	59.68	533.7	56.52	502.4	54.79	460.8	52.49
	25.0	23.0	685.7	64.72	660.7	62.08	623.2	58.11	595.1	57.13	567.0	56.14	533.7	53.13	502.4	51.49	460.8	49.31
	30.0	28.0	685.7	60.30	660.7	58.08	623.2	54.76	595.1	53.68	567.0	52.60	533.7	49.74	502.4	48.19	460.8	46.12
	35.0	32.0	685.7	55.88	660.7	54.09	623.2	51.40	595.1	50.23	567.0	49.06	533.7	46.35	502.4	44.89	460.8	42.94
	40.0	36.0	685.7	51.46	660.7	50.10	623.2	48.05	595.1	46.79	567.0	45.52	533.7	42.96	502.4	41.59	460.8	39.76
	45.0	41.0	685.7	47.14	660.7	46.18	623.2	44.73	595.1	43.39	567.0	42.05	533.7	39.63	502.4	38.35	460.8	36.64
	47.0	43.0	685.7	45.89	660.7	44.95	623.2	43.54	595.1	42.23	567.0	40.93	533.7	38.58	502.4	37.33	460.8	35.67
	50.0	46.0	685.7	44.20	660.7	43.29	623.2	41.93	595.1	40.68	567.0	39.42	533.7	37.16	502.4	35.95	460.8	34.35
	55.0	51.0	685.7	41.49	660.7	40.64	623.2	39.36	595.1	38.18	567.0	37.00	533.7	34.87	502.4	33.75	460.8	32.24
	60.0	56.0	685.7	38.58	660.7	37.79	623.2	36.60	595.1	35.50	567.0	34.41	533.7	32.43	502.4	31.38	460.8	29.98
90	-21.6	-22.0	290.6	31.97	289.4	33.88	287.6	36.73	285.9	40.57	284.2	44.40	281.9	47.08	280.5	49.58	278.5	52.93
	-17.1	-17.5	337.4	35.73	336.0	37.64	333.9	40.49	331.6	44.33	329.3	48.16	326.6	50.84	325.0	53.34	322.7	56.69
	-12.6	-13.0	384.2	39.49	382.6	41.40	380.2	44.25	379.6	48.09	378.9	51.92	375.9	54.60	373.9	57.10	371.4	60.45
	-7.0	-7.6	440.3	44.00	438.5	45.91	435.7	48.76	433.8	52.60	431.8	56.43	428.3	59.11	426.1	61.61	423.2	64.96
	-4.0	-4.4	473.9	46.71	472.0	48.61	469.0	51.47	466.3	55.31	463.5	59.14	459.8	60.68	457.5	60.76	454.3	60.87
	0.0	-0.4	514.1	50.05	512.0	51.96	508.8	54.81	505.2	57.84	501.5	60.86	482.2	60.65	461.3	60.43	433.4	60.14
	5.0	4.5	568.9	54.23	561.9	56.13	551.4	58.99	535.3	59.81	519.3	60.63	488.7	59.75	458.9	58.15	419.2	56.02
	10.0	9.0	621.5	60.00	600.6	60.31	569.3	60.78	544.3	60.59	519.3	60.40	488.7	57.53	458.9	54.96	419.2	51.52
	15.0	14.0	628.8	60.80	605.0	60.67	569.3	60.48	544.3	59.10	519.3	57.71	488.7	54.58	458.9	52.11	419.2	48.83
	20.0	19.0	628.8	61.17	605.0	59.94	569.3	58.09	544.3	56.26	519.3	54.44	488.7	51.50	458.9	49.16	419.2	46.03
	25.0	23.0	628.8	57.54	605.0	56.38	569.3	54.64	544.3	52.93	519.3	51.23	488.7	48.49	458.9	46.26	419.2	43.28
	30.0	28.0	628.8	53.91	605.0	52.82	569.3	51.19	544.3	49.61	519.3	48.02	488.7	45.47	458.9	43.35	419.2	40.53
	35.0	32.0	628.8	50.27	605.0	49.26	569.3	47.74	544.3	46.28	519.3	44.81	488.7	42.46	458.9	40.45	419.2	37.78
	40.0	36.0	628.8	46.64	605.0	45.70	569.3	44.29	544.3	42.95	519.3	41.60	488.7	39.44	458.9	37.55	419.2	35.04
	45.0	41.0	628.8	43.07	605.0	42.20	569.3	40.90	544.3	39.67	519.3	38.44	488.7	36.47	458.9	34.70	419.2	32.34
	47.0	43.0	628.8	41.92	605.0	41.08	569.3	39.82	544.3	38.62	519.3	37.42	488.7	35.51	458.9	33.78	419.2	31.48
	50.0	46.0	628.8	40.38	605.0	39.56	569.3	38.35	544.3	37.20	519.3	36.04	488.7	34.20	458.9	32.54	419.2	30.32
	55.0	51.0	628.8	37.90	605.0	37.14	569.3	35.99	544.3	34.91	519.3	33.83	488.7	32.10	458.9	30.54	419.2	28.46
	60.0	56.0	628.8	35.24	605.0	34.53	569.3	33.47	544.3	32.47	519.3	31.46	488.7	29.85	458.9	28.40	419.2	26.46
80	-21.6	-22.0	289.5	32.24	288.3	34.34	286.5	37.50	284.7	39.76	283.0	42.01	280.7	47.98	279.3	51.12	277.4	55.30
	-17.1	-17.5	336.0	36.00	334.6	38.10	332.5	41.26	330.2	43.52	327.9	45.77	325.3	51.74	323.6	54.88	321.4	59.06
	-12.6	-13.0	382.6	39.76	381.0	41.86	378.6	45.02	376.7	47.27	374.8	49.53	372.9	53.98	372.9	53.86	372.8	53.69
	-7.0	-7.6	438.5	44.27	436.7	46.37	433.9	49.53	432.0	51.79	430.0	54.04	423.5	53.80	414.8	53.68	403.2	53.52
	-4.0	-4.4	472.0	46.97	470.0	49.08	467.1	52.24	464.3	53.08	461.6	53.93	434.9	53.69	410.6	53.57	378.3	53.42
	0.0	-0.4	517.0	51.38	509.9	52.42	499.3	53.98	482.2	53.89	465.1	53.79	436.2	53.21	410.2	52.38	375.6	51.28
	5.0	4.5	553.5	54.01	536.3	53.94	510.6	53.83	487.8	53.72	465.1	53.61	436.2	51.23	410.2	49.67	375.6	47.59
	10.0	9.0	562.5	53.83	541.8	53.76	510.6	53.67	487.8	52.85	465.1	52.04	436.2	48.67	410.2	47.16	375.6	45.15
	15.0	14.0	562.5	53.85	541.8	53.59	510.6	53.20	487.8	51.24	465.1	49.29	436.2	46.17	410.2	44.71	375.6	42.75
	20.0	19.0	562.5	52.39	541.8	51.47	510.6	50.09	487.8	48.26	465.1	46.43	436.2	43.57	410.2	42.15	375.6	40.26
	25.0	23.0	562.5	49.23	541.8	48.35	510.6	47.04	487.8	45.33	465.1	43.62	436.2	41.01	410.2	39.64	375.6	37.81
	30.0	28.0	562.5	46.07	541.8	45.24	510.6	43.99	487.8	42.40	465.1	40.82	436.2	38.46	410.2	37.14	375.6	35.37
	35.0	32.0	562.5	42.91	541.8	42.12	510.6	40.94	487.8	39.48	465.1	38.02	436.2	35.91	410.2	34.63	375.6	32.93
	40.0	36.0	562.5	39.74	541.8	39.00	510.6	37.89	487.8	36.55	465.1	35.21	436.2	33.35	410.2	32.12	375.6	30.48
	45.0	41.0	562.5	36.64	541.8	35.94	510.6	34.90	487.8	33.68	465.1	32.46	436.2	30.84	410.2	29.66	375.6	28.08
	47.0	43.0	562.5	35.67	541.8	34.99	510.6	33.97	487.8	32.79	465.1	31.60	436.2	30.02	410.2	28.87	375.6	27.34
	50.0	46.0	562.5	34.35	541.8	33.70	510.6	32.72	487.8	31.58	465.1	30.43	436.2	28.92	410.2	27.81	375.6	26.33
	55.0	51.0	562.5	32.24	541.8	31.63	510.6	30.71	487.8	29.64	465.1	28.56	436.2	27.14	410.2	26.10	375.6	24.71
	60.0	56.0	562.5	29.98	541.8	29.41	510.6	28.56	487.8	27.56	465.1	26.56	436.2	25.24	410.2	24.27	375.6	22.98

Performance Data

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



HEATING CAPACITY DATA



ARUM504BTE5 / ARUM504DTE5

504,000 Btu/h 208-230V / 460V Outdoor Units

MULTI V 5 with LGRED Outdoor Unit Performance Data Manual

Combination (%)	Outdoor air temp.		Indoor Air Temp. °F DB/°F WB															
			59		61		64		67		70		73		76		80	
	°F DB	°F WB	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW	TC MBh	PI kW
70	-21.6	-22.0	287.8	34.55	286.6	35.55	284.8	37.05	283.1	40.81	281.4	44.57	279.1	49.80	277.7	52.93	275.8	57.11
	-17.1	-17.5	334.1	38.31	332.7	39.31	330.6	40.81	328.3	44.57	326.0	48.33	323.4	52.04	321.7	51.94	319.5	51.80
	-12.6	-13.0	380.3	42.07	378.8	43.07	376.4	44.57	374.5	48.33	372.6	52.09	365.4	51.91	353.7	51.82	338.2	51.71
	-7.0	-7.6	434.3	46.58	434.1	47.58	433.8	49.09	414.0	50.50	394.1	51.91	372.5	51.74	351.1	51.68	322.6	51.60
	-4.0	-4.4	472.3	49.29	456.9	50.29	433.8	51.79	414.0	51.80	394.1	51.80	372.5	51.65	351.1	51.60	322.6	51.53
	0.0	-0.4	476.5	52.07	459.4	51.97	433.8	51.82	414.0	51.74	394.1	51.66	372.5	50.24	351.1	49.40	322.6	48.29
	5.0	4.5	476.5	51.77	459.4	51.64	433.8	51.46	414.0	50.68	394.1	49.90	372.5	47.56	351.1	46.67	322.6	45.48
	10.0	9.0	476.5	51.47	459.4	51.32	433.8	51.09	414.0	49.10	394.1	47.11	372.5	44.89	351.1	43.94	322.6	42.67
	15.0	14.0	476.5	52.15	459.4	50.68	433.8	48.48	414.0	46.44	394.1	44.39	372.5	42.27	351.1	41.26	322.6	39.92
	20.0	19.0	476.5	48.74	459.4	47.38	433.8	45.34	414.0	43.45	394.1	41.55	372.5	39.55	351.1	38.48	322.6	37.06
	25.0	23.0	476.5	45.40	459.4	44.15	433.8	42.27	414.0	40.52	394.1	38.77	372.5	36.87	351.1	35.75	322.6	34.25
	30.0	28.0	476.5	42.06	459.4	40.91	433.8	39.19	414.0	37.59	394.1	35.99	372.5	34.20	351.1	33.02	322.6	31.45
	35.0	32.0	476.5	38.72	459.4	37.68	433.8	36.11	414.0	34.66	394.1	33.21	372.5	31.53	351.1	30.29	322.6	28.64
	40.0	36.0	476.5	35.38	459.4	34.44	433.8	33.03	414.0	31.73	394.1	30.43	372.5	28.86	351.1	27.56	322.6	25.83
	45.0	41.0	476.5	32.14	459.4	31.30	433.8	30.04	414.0	28.88	394.1	27.72	372.5	26.26	351.1	24.92	322.6	23.13
	47.0	43.0	476.5	31.28	459.4	30.47	433.8	29.24	414.0	28.11	394.1	26.98	372.5	25.56	351.1	24.26	322.6	22.52
	50.0	46.0	476.5	30.13	459.4	29.34	433.8	28.16	414.0	27.08	394.1	25.99	372.5	24.62	351.1	23.36	322.6	21.69
	55.0	51.0	476.5	28.28	459.4	27.54	433.8	26.44	414.0	25.41	394.1	24.39	372.5	23.11	351.1	21.93	322.6	20.35
	60.0	56.0	476.5	26.30	459.4	25.61	433.8	24.58	414.0	23.63	394.1	22.68	372.5	21.49	351.1	20.39	322.6	18.93
	60	-21.6	-22.0	266.4	31.84	265.3	32.84	263.6	34.34	262.0	38.10	260.5	41.86	258.4	47.08	257.0	50.22	255.3
-17.1		-17.5	309.2	35.59	308.0	36.60	306.0	38.30	303.9	41.86	301.8	45.62	298.9	49.32	296.4	49.20	293.1	49.04
-12.6		-13.0	353.0	39.35	350.6	40.36	347.1	41.86	342.6	45.62	338.2	49.38	318.3	49.17	300.8	49.06	277.5	48.91
-7.0		-7.6	408.1	43.87	394.1	44.87	373.1	46.37	355.7	47.76	338.2	49.15	318.3	48.99	300.8	48.88	277.5	48.75
-4.0		-4.4	408.1	46.57	394.1	47.58	373.1	49.08	355.7	49.04	338.2	49.01	318.3	48.25	300.8	46.81	277.5	44.88
0.0		-0.4	408.1	49.37	394.1	49.31	373.1	49.23	355.7	48.57	338.2	47.92	318.3	46.22	300.8	44.65	277.5	42.55
5.0		4.5	408.1	49.20	394.1	49.13	373.1	49.01	355.7	47.12	338.2	45.24	318.3	43.54	300.8	42.00	277.5	39.93
10.0		9.0	408.1	50.04	394.1	48.94	373.1	47.29	355.7	44.92	338.2	42.55	318.3	40.87	300.8	39.35	277.5	37.31
15.0		14.0	408.1	47.71	394.1	46.34	373.1	44.29	355.7	42.10	338.2	39.92	318.3	38.25	300.8	36.75	277.5	34.75
20.0		19.0	408.1	44.51	394.1	43.18	373.1	41.18	355.7	39.18	338.2	37.17	318.3	35.52	300.8	34.05	277.5	32.08
25.0		23.0	408.1	41.38	394.1	40.07	373.1	38.12	355.7	36.30	338.2	34.49	318.3	32.84	300.8	31.40	277.5	29.47
30.0		28.0	408.1	38.24	394.1	36.97	373.1	35.07	355.7	33.43	338.2	31.80	318.3	30.17	300.8	28.75	277.5	26.85
35.0		32.0	408.1	35.11	394.1	33.87	373.1	32.01	355.7	30.56	338.2	29.11	318.3	27.49	300.8	26.10	277.5	24.24
40.0		36.0	408.1	31.97	394.1	30.77	373.1	28.95	355.7	27.69	338.2	26.43	318.3	24.81	300.8	23.45	277.5	21.62
45.0		41.0	408.1	28.94	394.1	27.76	373.1	26.01	355.7	24.92	338.2	23.83	318.3	22.23	300.8	20.90	277.5	19.12
47.0		43.0	408.1	28.17	394.1	27.03	373.1	25.32	355.7	24.26	338.2	23.20	318.3	21.64	300.8	20.34	277.5	18.61
50.0		46.0	408.1	27.13	394.1	26.03	373.1	24.38	355.7	23.36	338.2	22.34	318.3	20.85	300.8	19.59	277.5	17.92
55.0		51.0	408.1	25.46	394.1	24.43	373.1	22.88	355.7	21.93	338.2	20.97	318.3	19.57	300.8	18.39	277.5	16.82
60.0		56.0	408.1	23.68	394.1	22.72	373.1	21.28	355.7	20.39	338.2	19.50	318.3	18.20	300.8	17.10	277.5	15.64
50		-21.6	-22.0	246.6	27.32	245.6	28.32	244.0	29.82	242.6	33.58	241.1	37.34	237.9	42.57	233.9	45.70	228.5
	-17.1	-17.5	286.3	31.08	285.1	32.08	283.3	33.58	277.7	37.34	272.1	41.10	261.8	44.78	251.4	44.60	237.6	44.37
	-12.6	-13.0	341.3	34.84	328.8	35.84	310.2	37.34	296.2	41.10	282.2	44.86	265.6	44.58	250.1	44.39	229.3	44.13
	-7.0	-7.6	341.3	39.35	328.8	40.35	310.2	41.86	296.2	43.23	282.2	44.61	265.6	43.45	250.1	41.32	229.3	38.49
	-4.0	-4.4	341.3	42.06	328.8	43.06	310.2	44.56	296.2	44.51	282.2	44.45	265.6	41.87	250.1	39.81	229.3	37.07
	0.0	-0.4	341.3	44.91	328.8	44.78	310.2	44.59	296.2	43.56	282.2	42.54	265.6	39.92	250.1	37.95	229.3	35.32
	5.0	4.5	341.3	45.74	328.8	44.55	310.2	42.76	296.2	41.35	282.2	39.93	265.6	37.49	250.1	35.62	229.3	33.13
	10.0	9.0	341.3	44.77	328.8	42.87	310.2	40.02	296.2	38.68	282.2	37.33	265.6	35.05	250.1	33.29	229.3	30.94
	15.0	14.0	341.3	41.75	328.8	39.99	310.2	37.34	296.2	36.06	282.2	34.77	265.6	32.67	250.1	31.00	229.3	28.79
	20.0	19.0	341.3	38.61	328.8	36.99	310.2	34.55	296.2	33.33	282.2	32.11	265.6	30.18	250.1	28.63	229.3	26.55
	25.0	23.0	341.3	35.54	328.8	34.05	310.2	31.81	296.2	30.66	282.2	29.51	265.6	27.75	250.1	26.30	229.3	24.36
	30.0	28.0	341.3	32.46	328.8	31.10	310.2	29.07	296.2	27.99	282.2	26.90	265.6	25.31	250.1	23.97	229.3	22.17
	35.0	32.0	341.3	29.38	328.8	28.16	310.2	26.34	296.2	25.32	282.2	24.29	265.6	22.88	250.1	21.63	229.3	19.97
	40.0	36.0	341.3	26.30	328.8	25.22	310.2	23.60	296.2	22.64	282.2	21.69	265.6	20.44	250.1	19.30	229.3	17.78
	45.0	41.0	341.3	23.35	328.8	22.40	310.2	20.97	296.2	20.08	282.2	19.19	265.6	18.11	250.1	17.07	229.3	15.68
	47.0	43.0	341.3	22.73	328.8	21.80	310.2	20.41	296.2	19.55	282.2	18.68	265.6	17.63	250.1	16.62	229.3	15.27
	50.0	46.0	341.3	21.89	328.8	21.00	310.2	19.66	296.2	18.82	282.2	17.99	265.6	16.98	250.1	16.00	229.3	14.70
	55.0	51.0	341.3	20.54	328.8	19.71	310.2	18.45	296.2	17.67	282.2	16.88	265.6	15.94	250.1	15.02	229.3	13.80
	60.0	56.0	341.3	19.11	328.8	18.33	310.2	17.16	296.2	16.43	282.2	15.70	265.6	14.82	250.1	13.97	229.3	12.83

TC = Total Capacity (MBh). PI = Power Input (kW) (includes compressor and outdoor fan).
The System Combination Ratio must be between 50–130%.

Rated capacity is certified under AHRI Standard 1230. Ratings are subject to change without notice.
Current certified ratings are available at www.ahridirectory.org.

Note:

Low ambient performance with LGRED® heat technology is included in units produced after February 2019.



CORRECTION FACTORS

Defrost Correction Factor for Heating Operation on page 158

Equivalent Length Calculation on page 158

Elevation Correction Factors on page 159

Note:

The correction factors shown below are calculated in the LATS software programs.

Defrost Correction Factor for Heating Operation

Capacity tables do not take into consideration capacity reduction when frost has accumulated on the condenser coil, nor during defrost operation. Integrated heating capacity values can be obtained as follows:

Formula: $A = B \times C$

Where: A = Integrated heating capacity

B = Heating capacity value given in table of capacity characteristics

C = Integrated correction factor for frost accumulation

Note:

There will be temporary reduction in capacity when snow piles up on the outside surface of the outdoor unit heat exchanger. The level of capacity reduction depends on a number of factors, for example, outdoor temperature (°F DB), relative humidity (RH), and the amount of frost present.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.

Equivalent Length Calculation for Correction Factors

$TEL = (ELM \times \text{Correction Factor}) + ELB$, where

TEL = Total equivalent length

ELM = Equivalent length to first Y-branch

ELB = Equivalent length from first Y-branch to farthest indoor unit

HU = Indoor units above outdoor unit

HL = Indoor units below outdoor unit

Example: ELM = 230'

ELB = 131'

HU = 33'

Outdoor Unit = ARUM072BTE5

Total equivalent length = $(230' \times 1.0) + 131' = 361'$. Cooling capacity correction factor from table below, when HU = 33' would be approx. 0.90.

Table 2: Pipe Length Correction Factor.

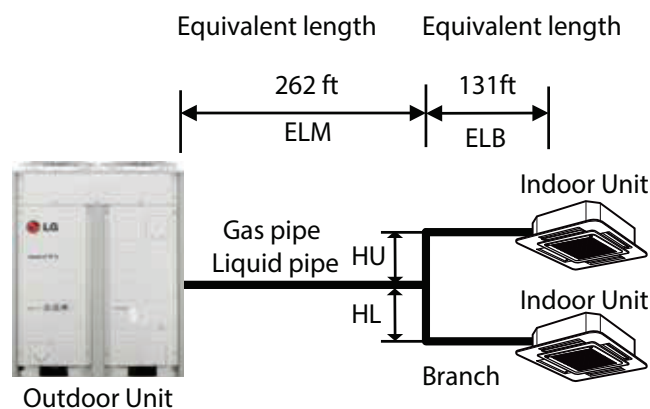
Correction Factor	Overall Equivalent Pipe Length	
	Standard Application	Overall Equivalent Length 295 feet
ARUM072-504BTE5 / DTE5		
Cooling	1.0	0.5

Table 1: Outdoor Unit Frost Accumulation Factor (Heating)¹.

Entering DB (°F)	19.4	23.0	26.6	32.0	37.4	41.0	44.6
Derate factor	0.98	0.95	0.93	0.86	0.93	0.96	1.0

¹At 85% outdoor air relative humidity.

Figure 1: Equivalent Length.



Elevation Correction Factors

For each outdoor unit, calculate the equivalent length of the liquid line from the outdoor unit to the farthest indoor unit. Also, determine the elevation difference of farthest indoor unit above or below the outdoor unit. Find corresponding cooling capacity correction factor in tables below and on the next page. Multiply the cooling correction factor by standard cooling capacity. The resultant is the NET cooling capacity. Repeat for heating correction factor.

Note:

The correction factors shown below are calculated in the LATS software programs.

Table 3: ARUM Outdoor Unit Cooling Correction Factors (072BTE5 / 072DTE5 to 336BTE5 / 336DTE5).

Elevation Differences (ft.)	Equivalent Length (ELF) ¹																						
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	738
<i>HU—Indoor units above heat pump unit (ft.)</i>																							
0	1.0	0.99	0.98	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.83	0.82
25	0.99	0.99	0.98	0.97	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.83	0.82
33	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.83	0.82
66	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.83	0.82
98	-	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.85	0.84	0.83	0.83	0.82
131	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.83	0.83	0.82
164	-	-	-	-	-	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.83	0.83	0.82
197	-	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.84	0.83	0.82
230	-	-	-	-	-	-	-	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.84	0.83	0.82
262	-	-	-	-	-	-	-	-	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.84	0.83	0.82
295	-	-	-	-	-	-	-	-	-	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.82
328	-	-	-	-	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.88	0.88	0.86	0.86	0.85	0.84	0.84	0.83	0.82
361	-	-	-	-	-	-	-	-	-	-	-	0.90	0.89	0.88	0.88	0.88	0.86	0.86	0.85	0.84	0.84	0.83	0.82
<i>HL—Indoor units below heat pump unit (ft.)</i>																							
0	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.82
25	1.0	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.82
33	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.82
66	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.82
98	-	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.85	0.84	0.83	0.83
131	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.85	0.84	0.83	0.83
164	-	-	-	-	-	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.83	0.83
197	-	-	-	-	-	-	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.84	0.83
230	-	-	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.84	0.83
263	-	-	-	-	-	-	-	-	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.84	0.83
295	-	-	-	-	-	-	-	-	-	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.86	0.85	0.84	0.84	0.83
328	-	-	-	-	-	-	-	-	-	-	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83
361	-	-	-	-	-	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83

Correction Factors

¹ELF = Equivalent Pipe Length in Feet—Sum of the actual pipe length plus allocations for pressure drop through elbows, valves, and other fittings in equivalent length.

Note:

Heating Correction Factor for 072BTE5 / 072DTE5 to 336BTE5 / 336DTE5 models is 1.0 for all equivalent lengths and elevation differences.

Note:

Low ambient performance with LGRED° heat technology is included in units produced after February 2019.



CORRECTION FACTORS



Note:

The correction factors shown below are calculated in the LATS software programs.

Table 4: ARUM Outdoor Unit Cooling Correction Factors (360BTE5 / 360DTE5 to 504BTE5 / 504DTE5).

Elevation Differences (ft.)	Equivalent Length (ELF) ¹																						
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	738
<i>HU—Indoor units above heat pump unit (ft.)</i>																							
0	1.0	0.99	0.97	0.95	0.94	0.92	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75
25	0.99	0.99	0.97	0.95	0.94	0.92	0.91	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75
33	-	0.99	0.97	0.96	0.94	0.92	0.91	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.79	0.78	0.77	0.77	0.76	0.75
66	-	-	0.97	0.96	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.84	0.83	0.82	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76	0.75
98	-	-	-	0.96	0.94	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76	0.75
131	-	-	-	-	0.94	0.93	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76	0.75
164	-	-	-	-	-	0.93	0.91	0.90	0.88	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76	0.75
197	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76	0.75
230	-	-	-	-	-	-	-	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76	0.76
263	-	-	-	-	-	-	-	-	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.77	0.77	0.76
295	-	-	-	-	-	-	-	-	-	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.80	0.78	0.77	0.77	0.76
328	-	-	-	-	-	-	-	-	-	-	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.80	0.78	0.77	0.77	0.76
361	-	-	-	-	-	-	-	-	-	-	-	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.80	0.78	0.77	0.77	0.76
<i>HL—Indoor units below heat pump unit (ft.)</i>																							
0	1.0	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.77	0.77	0.76
25	1.0	0.99	0.97	0.96	0.94	0.93	0.91	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.79	0.78	0.77	0.77	0.76
33	-	0.99	0.98	0.96	0.94	0.93	0.91	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.79	0.78	0.77	0.77	0.76
66	-	-	0.98	0.96	0.94	0.93	0.91	0.90	0.89	0.88	0.87	0.86	0.84	0.83	0.82	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76
98	-	-	-	0.96	0.95	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.84	0.83	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76
131	-	-	-	-	0.95	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76
164	-	-	-	-	-	0.93	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77	0.76
197	-	-	-	-	-	-	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76
230	-	-	-	-	-	-	-	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76
263	-	-	-	-	-	-	-	-	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76
295	-	-	-	-	-	-	-	-	-	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.77	0.76
328	-	-	-	-	-	-	-	-	-	-	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.76	0.76
361	-	-	-	-	-	-	-	-	-	-	-	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.76	0.76

¹ELF = Equivalent Pipe Length in Feet—Sum of the actual pipe length plus allocations for pressure drop through elbows, valves, and other fittings in equivalent length.

Note:

Heating Correction Factor for 360BTE5 / 360DTE5 to 504TE5 / 504DTE5 models is 1.0 for all equivalent lengths and elevation differences.

Note:

Low ambient performance with LGRED[®] heat technology is included in units produced after February 2019.



To access additional technical documentation such as submittals, engineering, installation, service, general best practice, and building ventilation manuals, as well as white papers, catalogs, LATS software programs, and more visit www.lghvac.com.

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