Ice Machine Parts List for Series G0600 Cuber Models

GR0600A

GD0602A

GR0692N

GY0605W

GR0601W

GD0603W

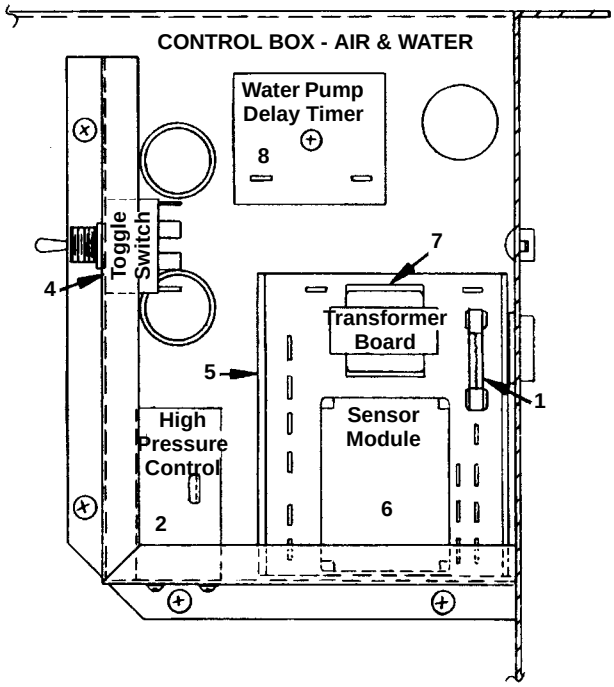
GY0604A

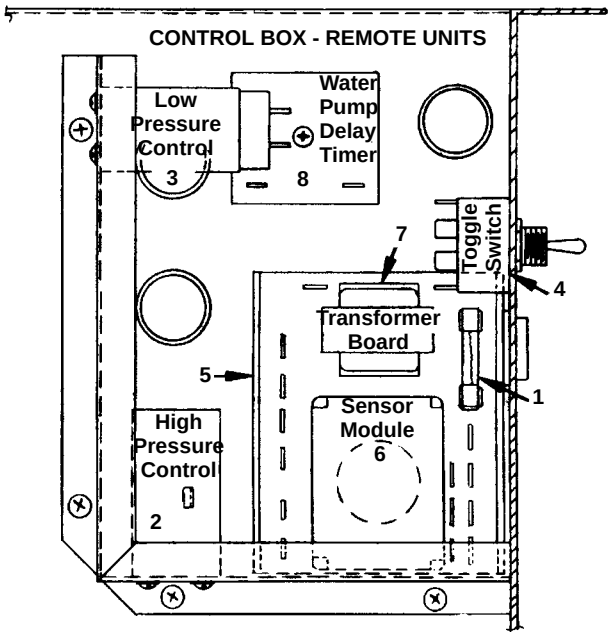
GY0694N

R502 System

Manufactured October 1984 through October 1992

G0600 CONTROL BOX

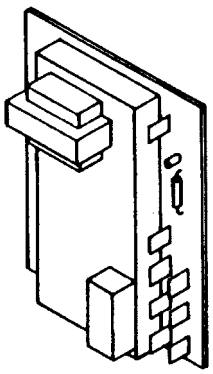




1221

CONTROL BOX		PART NO.
1	Fuse	† 2510379
2	High Pressure Cut-out Control Air, Water and Remote	
	Up To SN 870860000	2355213
	After SN 870860000 Use	NLA
3	Low Pressure Control (Remote)	
	Up To SN 870860000	No Longer Available
	After SN 870860000 Use	2355273
4	Main Toggle Switch	† 2300849
5	Mounting Track (For transformer board)	4408013
6	Sensor Module Use	† 7623753
7	Transformer Board 230V Use	† 7623753
8	Water Pump Delay Timer	† 2406423
9	Unitized Sensor Board	† 7623753
10	Water Shield Used When Stacking	NLA

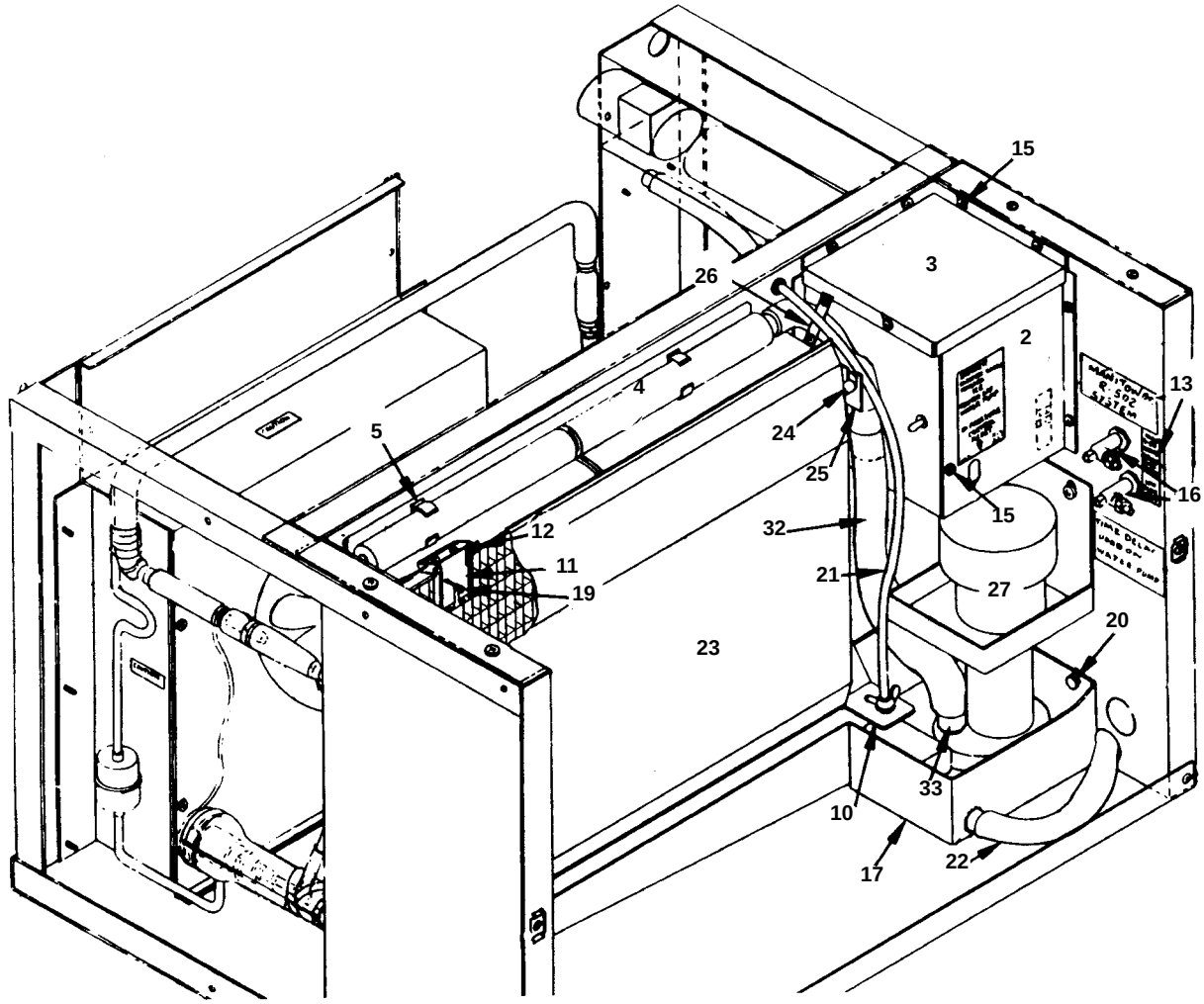
UNITIZED SENSOR BOARD
#7623753



Unitized sensor board is used to replace both the transformer board and sensor module

† Refer to Cross Reference Guide

G0600 WATER DISTRIBUTION

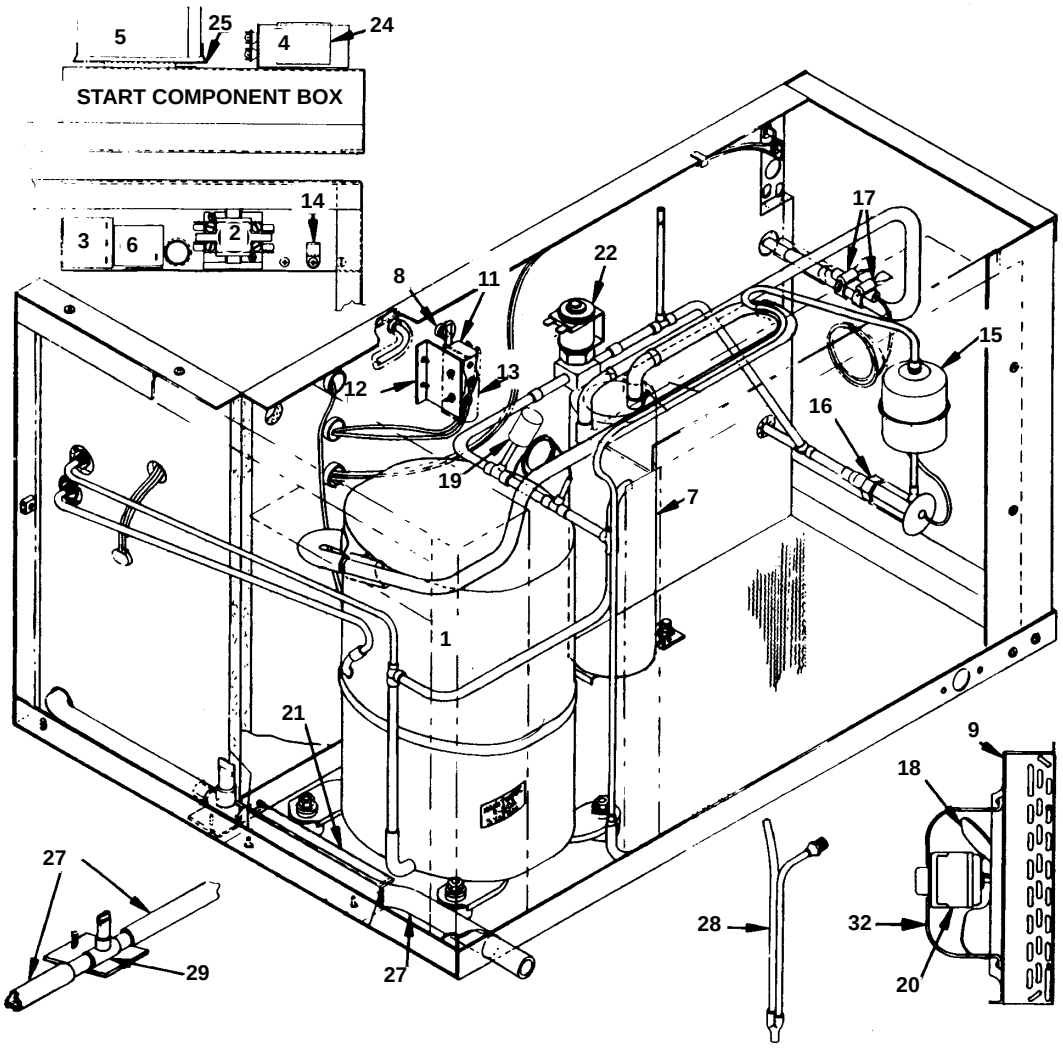


1222

EVAPORATOR AND WATER DISTRIBUTION		PART NO.
1	Activating Pin Assembly	7620253
2	Control Box Front Cover	No Longer Available
3	Control Box Top Cover	No Longer Available
4	Distribution Tube Assembly	No Longer Available
5	Distribution Tube Spring Clip	No Longer Available
6	Evaporator, Regular Cube	† 6843119
7	Evaporator, Dice Cube	No Longer Available
8	Evaporator, Half Dice Cube	No Longer Available
9	Float Valve	† 8369049
10	Float Valve Bracket	† 7621403
11	Ice Thickness Control	† 7619963
12	Ice Thickness Control - Bracket	6185814
13	Label (For high and low side service valve)	† 8131473
14	Nylon Nut (For mounting 4302013)	† 5429459
15	Screw 10-24 Phillips Head (Pkg. of 12)	† 5202059
16	Service Valve, High and Low Side	† 8373109
17	Sump Trough	6861014
18	Sump Trough Support Pin	† 4302019
19	Thumb Screw for Ice Thickness Control	No Longer Available
20	Thumb Screw (Mounting sump trough)	† 5305049
21	Tubing, Polyflow 32" Long (Fresh water inlet to float valve)	4420291
22	Tubing 1/2” ID, 15" Long	† 4420333
23	Water Curtain	† 7619873
24	Water Curtain Hanger (White plastic)	† 5650459
25	Water Curtain Side Bracket (Set of right and left hand)	† 7621773
26	Water Flow Clamp Assembly	7620543
27	Water Pump 60 Hz 220V	† 7626013
28	Water Inlet Strainer	† 1260033
29	Water Pump Lead w/Female Plug	No Longer Available
30	Water Siphon Tube Assembly (See Page 4)	No Longer Available
31	Water Tee Break (See Page 4)	7621553
32	Pump Discharge Tube (Units using siphon system)	No Longer Available
	Units with Dump Solenoid Use The Following in Place of 7621823:	
	Vinyl Tubing	† 4420333
	Reducer Assembly	7623773
33	Pump Discharge Tube Clamp	† 5650539

† Refer to Cross Reference Guide

G0600 AIR-COOLED



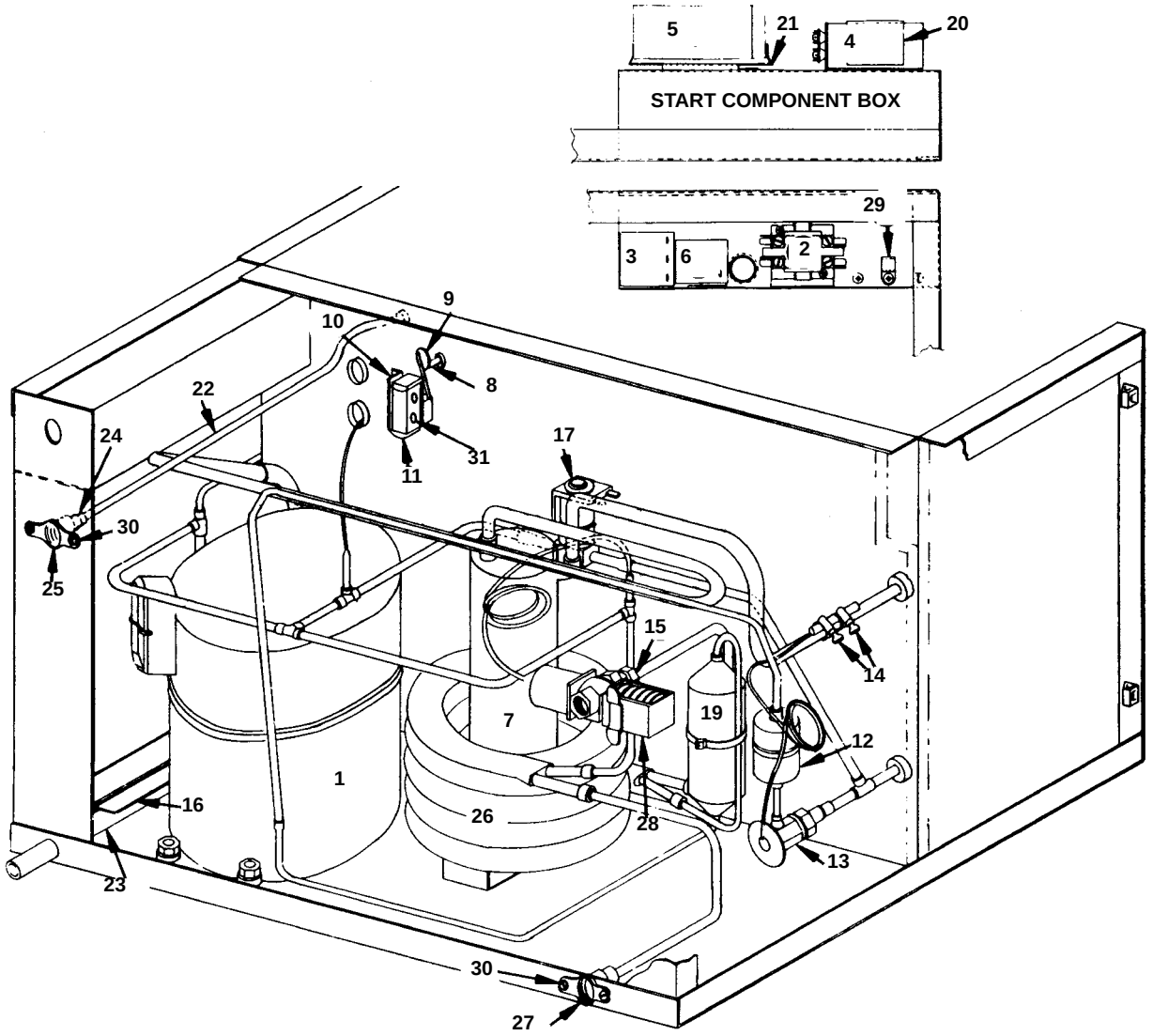
Air-cooled		PART NO.
1	Compressor Assembly 60 Hz 220V	No Longer Available
2	Contactor	No Longer Available
3	Delay Timer (Air and water)	† 2406353
4	Run Capacitor	See Page 9
5	Start Capacitor	See Page 9
6	Start Relay	See Page 9
7	Accumulator	No Longer Available
8	Activating Pin Assembly	7620253
9	Air Condenser with Shroud	No Longer Available
10	Air Condenser Only	No Longer Available
11	Bin Switch	† 2301119
12	Bin Switch Bracket	No Longer Available
13	Bin Switch Mylar Insulation	No Longer Available
14	Cable Clamp, Nylon	No Longer Available
15	Drier	† 8930279
16	Expansion Valve	† 7623983
17	Expansion Valve Stainless Steel Bulb Clamp	† 5650529
18	Fan Blade for Motors ESPOL50EM2 & ESPOL50EM28	No Longer Available
	Fan Blade for Motor K33HXCEJ948	2416173

Air-cooled		PART NO.
19	Fan Cycle Control	2301153
20	Fan Motor	† 7626383
21	Hold Down Bracket	No Longer Available
22	Hot Gas Solenoid Valve Assembly	7630101
23	Hot Gas Solenoid Valve Coil Only Alco	† 2404483
24	Run Capacitor Bracket	No Longer Available
25	Start Capacitor Bracket	No Longer Available
26	Tubing, Polyflow 1/4”	4420291
27	Tubing, 1/2” ID	† 4420333
28	Siphon Tube Assembly	No Longer Available
29	Water Tee Break	7621553
30	Water Dump Solenoid Coil Only (Eaton Dole)	No Longer Available
30a	Water Dump Solenoid (Alco)	000001768
31	Dump Solenoid Diaphragm Only (Eaton Dole)	2404683
32	Wire Motor Mount	No Longer Available
33	Air Baffle	No Longer Available

NOTE: FOR 50 CYCLE PARTS, SEE PAGE 8

† Refer to Cross Reference Guide

G0600 WATER-COOLED



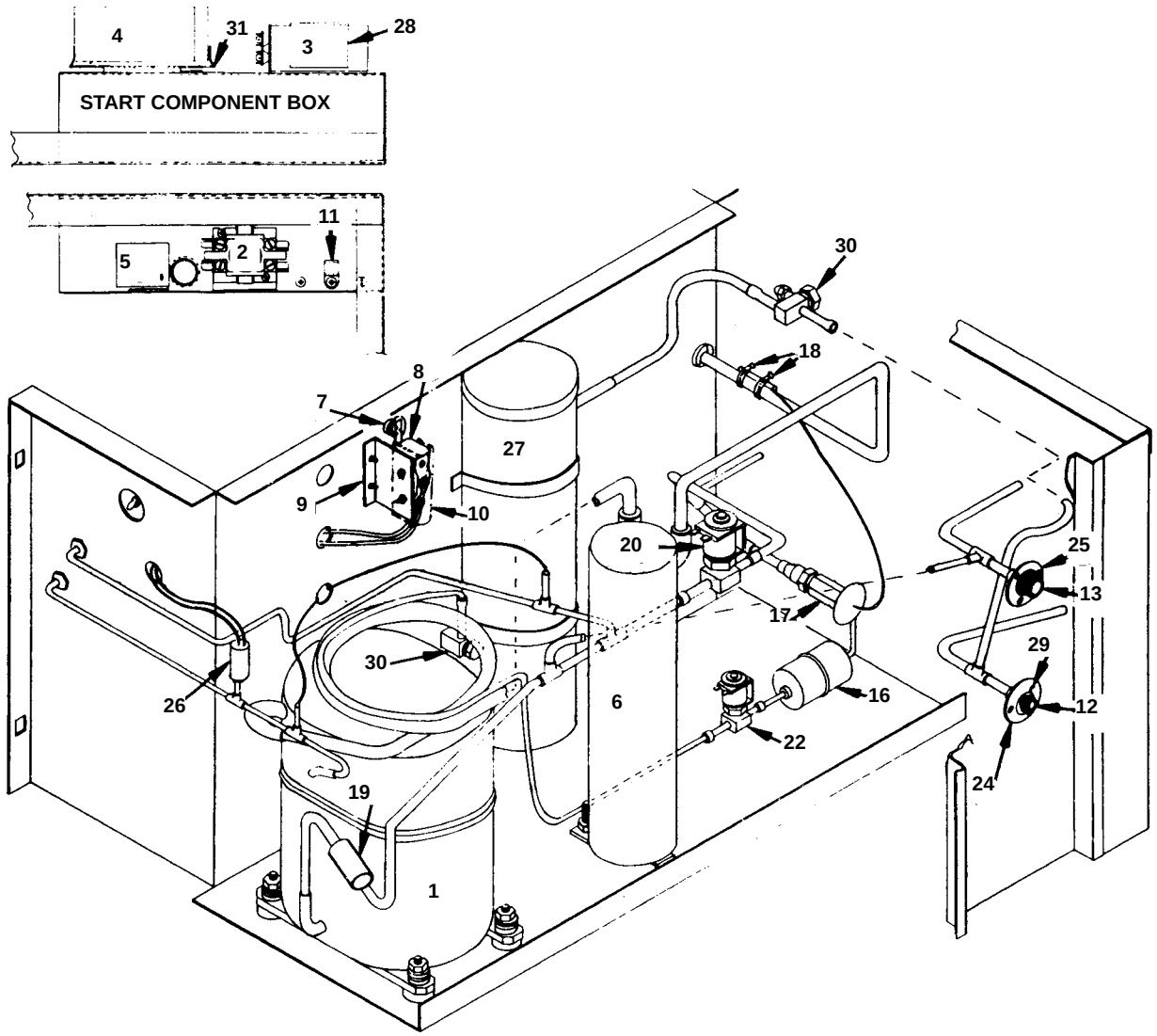
Water-cooled		PART NO.
1	Compressor Assembly 60 Hz 220V	No Longer Available
2	Contactor	No Longer Available
3	Delay Timer (Air and water)	† 2406353
4	Run Capacitor	See Page 9
5	Start Capacitor	See Page 9
6	Start Relay	See Page 9
7	Accumulator	No Longer Available
8	Activating Pin Assembly	7620253
9	Bin Switch	† 2301119
10	Bin Switch Bracket	No Longer Available
11	Bin Switch Mylar Insulation	No Longer Available
12	Drier	† 8930279
13	Expansion Valve	† 7623983
14	Expansion Valve Stainless Steel Bulb Clamp	† 5650529
15	Half Union Coupling	8332023
16	Hold Down Bracket	No Longer Available

Water-cooled		PART NO.
17	Hot Gas Solenoid Valve Assembly	7630101
18	Hot Gas Solenoid Valve Coil Only Alco	† 2404483
19	Receiver	000008892
20	Run Capacitor Bracket	No Longer Available
21	Start Capacitor Bracket	No Longer Available
22	Tubing, Polyflow 1/4”	4420291
23	Tubing, 1/2” ID	† 4420333
24	Union	1360961
25	Water Adapter	6002421
26	Water Condenser	† 8865333
27	Water Condenser Outlet Adapter	8706103
28	Water Regulator	8372063
29	Cable Clamp, Nylon	No Longer Available
30	Screw, 024 Slot Head	† 5202069
31	Screw, 6-32 x 1” SHMS	No Longer Available
32	Hex Nut for Item 31	No Longer Available

NOTE: FOR 50 CYCLE PARTS, SEE PAGE 8

† Refer to Cross Reference Guide

G0600 REMOTE



REMOTE SYSTEM

	COMPRESSOR COMPARTMENT	**PART NO.**
1	Compressor Assembly 60 Hz 220V	No Longer Available
2	Contactor	No Longer Available
3	Run Capacitor	See Page 9
4	Start Capacitor	See Page 9
5	Start Relay	See Page 9
6	Accumulator	No Longer Available
7	Activating Pin Assembly	7620253
8	Bin Switch	† 2301119
9	Bin Switch Bracket	No Longer Available
10	Bin Switch Mylar Insulation	No Longer Available
11	Cable Clamp, Nylon	No Longer Available
12	Coupling 1-1/8" - 12 THD	† 8360353
13	Coupling 1-7/16" - 16 THD	No Longer Available
14	Coupling "0" Ring for 8360223	† 8360229
15	Coupling "0" Ring	† 8360239
16	Drier	† 8930279
17	Expansion Valve	† 7623983
18	Expansion Valve Stainless Steel Bulb Clamp	† 5650529
19	Heater (On discharge line)	No Longer Available
20	Hot Gas Solenoid Valve Assembly	7630101
21	Hot Gas Solenoid Valve Coil Only Alco	† 2404483
22	Liquid Line Pump Down Valve Assembly 208-230V/50-60 Hz (Danfoss)	† 7630081
23	Liquid Line Pump Down Valve Coil Only Alco	† 2404483
24	Mounting Flange 1/2"	8360183
25	Mounting Flange 3/4"	8360173
26	Pressure Limiter Switch	No Longer Available
27	Receiver	† 7629583
27a	Fusible Receiver Plug	No Longer Available
28	Run Capacitor Bracket	No Longer Available
29	Screw, 10-24 x 1/2" TC	† 5202069
30	Service Valve for Receiver	† 8373169
31	Start Capacitor Bracket	No Longer Available

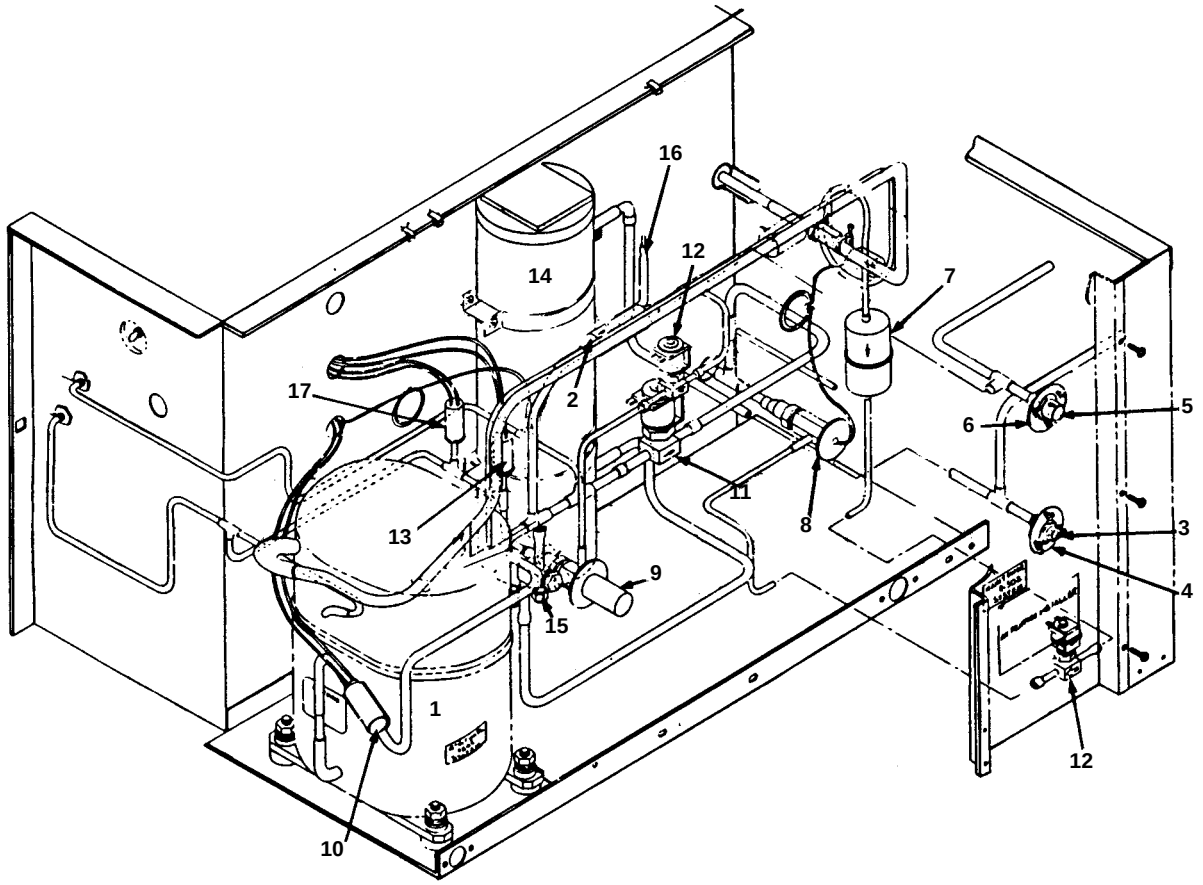
PARTS LOCATED IN REMOTE CONDENSER

Fan Motor	† 7619843
Head Pressure Control	† 8368069
Female Coupling Kit	0700663

NOTE: FOR 50 CYCLE PARTS, SEE PAGE 8

† Refer to Cross Reference Guide

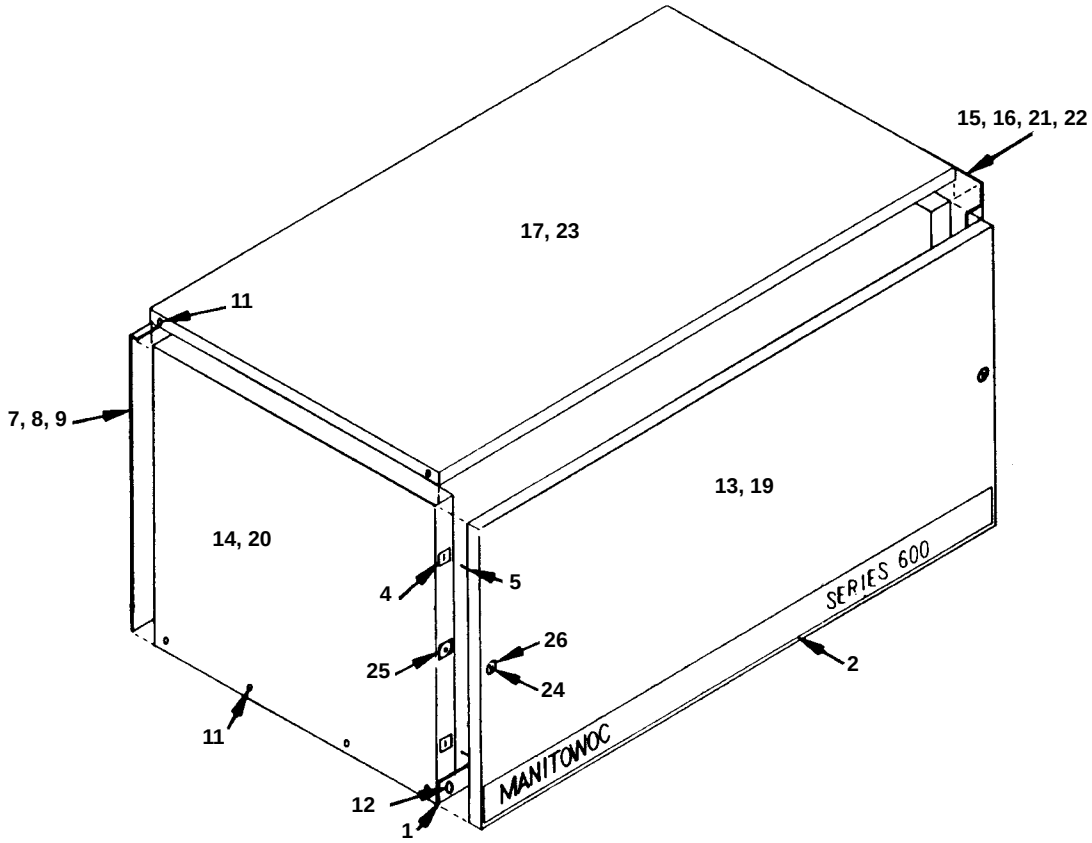
G0600 REMOTE
AFTER SN 880961220



		PART NO.
1	Compressor 60 Hz	No Longer Available
2	Check Valve	† 8373149
3	Coupling 3/8 OD	† 8360353
4	Flange	8360183
5	Coupling 1/2 OD	No Longer Available
6	Flange	8360173
7	Drier	† 8930279
8	Expansion Valve	† 7623983
9	HPR Valve	8367313
10	Heater	No Longer Available
11	Hot Gas Solenoid Valve	7630101
12	Solenoid Valve 208-230V/50-60 Hz (Danfoss) (Liquid line or harvest assist)	† 7630081
13	Low Pressure Control	2355273
14	Receiver	† 7629583
15	Receiver Service Valve	† 8373169
16	Receiver Safety Plug	No Longer Available
17	Suction Pressure Limiter Switch (HPL Safety)	No Longer Available

† Refer to Cross Reference Guide

G0600 OUTER PANELS



1227

COMMON PARTS		PART NO.
1	Front Support Angle	† 6580419
2	Front Panel Trim	† 8134873
3	Front Panel Seal	† 9202509
4	Front Panel Catch Only (Pkg. of 12)	No Longer Available
5	Front Panel Strike Only (Pkg. of 25)	No Longer Available
6	Front Panel Strike-Catch (Pkg. of 4 each)	No Longer Available
7	Rear Panel (Air-cooled)	No Longer Available
8	Rear Panel (Water-cooled)	No Longer Available
9	Rear Panel (Remote)	No Longer Available
10	#10-24 Phillips Head Screw (Mounting control box cover) (Pkg. of 12)	† 5202059
11	#10-24 Slot Head Screw (Mounting outer panels) (Pkg. of 12)	† 5202069
12	#10-24 Phillips Head Screw (Mounting front angle support) (Pkg. of 12)	† 5202099

OUTER PANELS — FAWN		PART NO.
13	Front Panel	No Longer Available
14	LH End Panel	No Longer Available
15	RH End Panel (Remote)	No Longer Available
16	RH End Panel (Air and water)	No Longer Available
17	Top Cover	No Longer Available
18	Fawn Touch Up Paint	9400931

OUTER PANELS — STAINLESS STEEL		PART NO.
19	Front Panel	No Longer Available
20	LH End Panel	No Longer Available
21	RH End Panel (Remote)	No Longer Available
22	RH End Panel (Air/Water)	No Longer Available
23	Top Cover	No Longer Available
24	Fastener Screw (Pkg. of 12)	† 5026689
25	Nut Cage (Pkg. of 12)	† 5429109
26	Hole Plug (Pkg. of 10)	No Longer Available
27	Spacer for Front Panel Screw	† 3718199

50 HZ MODELS ONLY **PART NO.**

Use same parts as previously listed for standard G0600 except for the following:

Unitized Control Board . . . . . No Longer Available

Compressor Assembly . . . . . No Longer Available

Compressor Start Components (See Page 9)

Remote Fan Motor (Located in remote condenser) . . . . . No Longer Available

Water Pump . . . . . † 7626013

† Refer to Cross Reference Guide

COMPRESSOR COMPONENTS FOR G0600

230V/60 HZ/1 PH

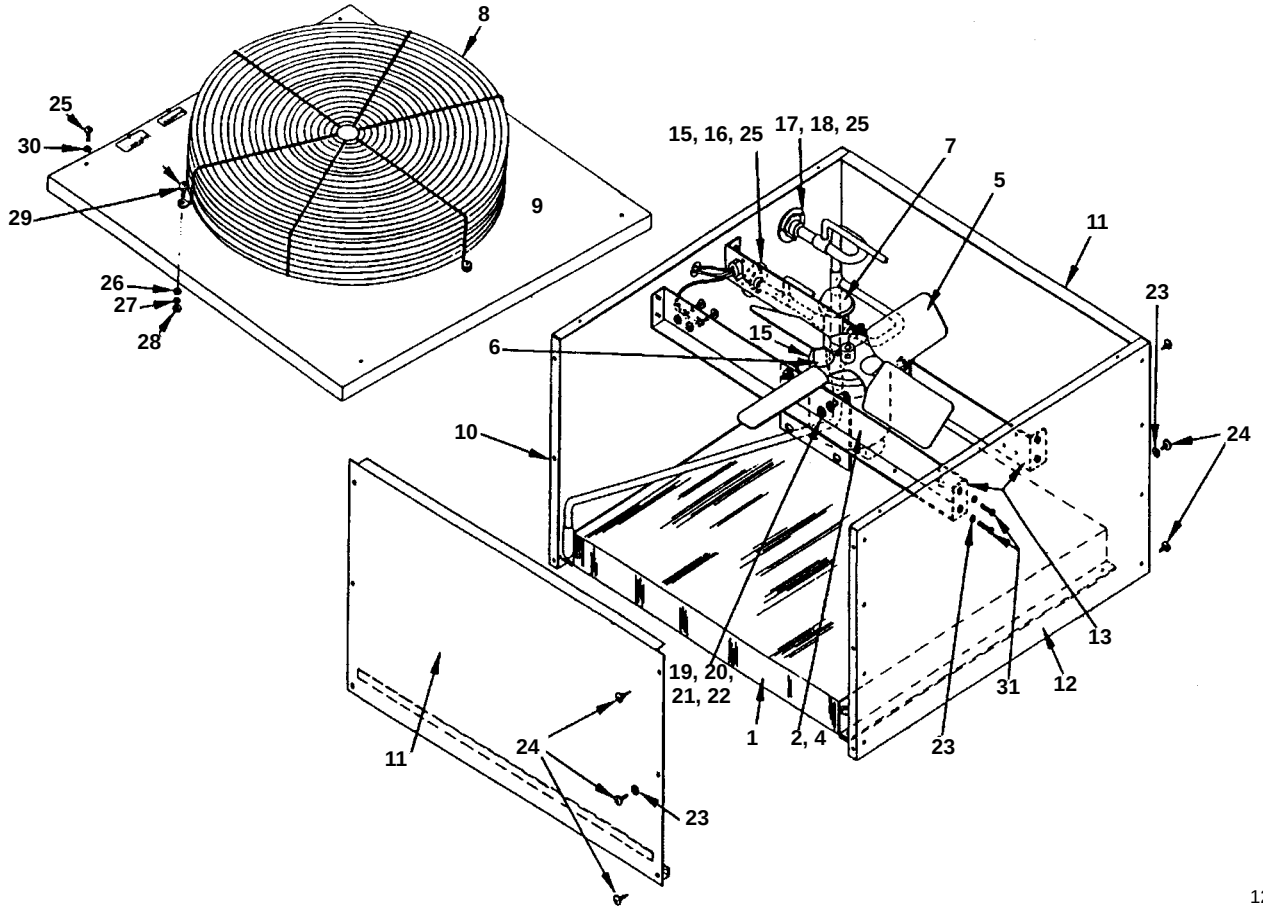
Compressor Model Number	Start Relay	Start Capacitor	Run Capacitor
Tecumseh	† 2007993	† 8503143	† 8503423
Bristol M52123BBCB	No Longer Available	85037033	† 8503413
Bristol M53B982BBCB	2007579	8503143	2010143
Copeland RS86CIEPFV218	2007539	8503723	2010143
Copeland RS86CIEPFV251	2007539	8503723	8503933
Copeland CS08KQEPFV255	2007559	† 8503853	8503933

230V/50 HZ /1 PH

Compressor Model Number	Start Relay	Start Capacitor	Run Capacitor
Tecumseh	No Longer Available	† 8503143	† 8503423
Bristol	No Longer Available	8503143	8503933
Copeland RS86CIEPFJ251	2007559	8505593	2010143
Copeland CS08KQEPF2255	2007559	† 8503853	8503933

† Refer to Cross Reference Guide

REMOTE CONDENSER AC0895



1228

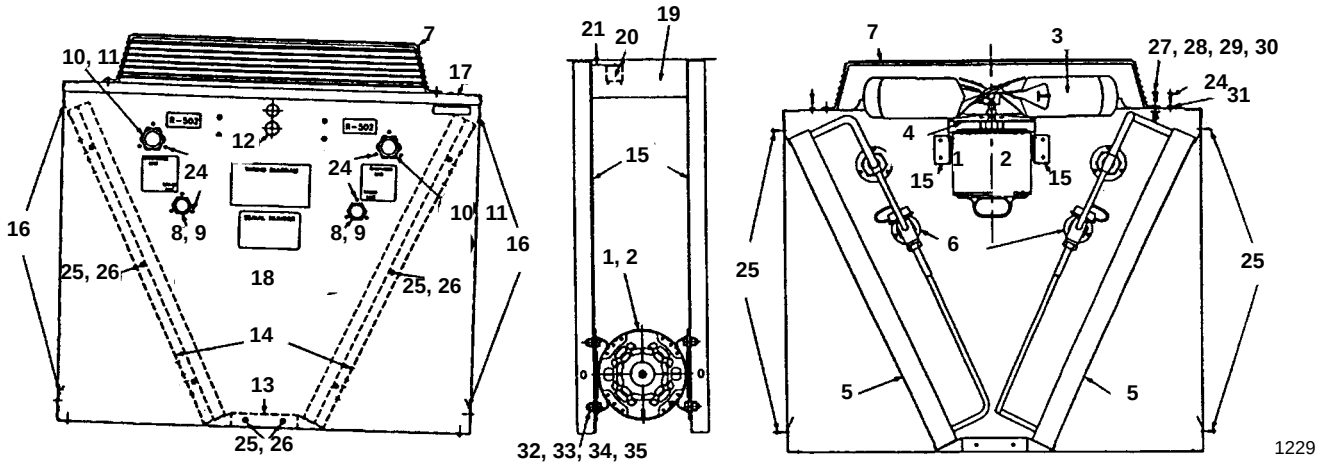
		PART NO.
1	Air Condenser	† 8850629
2	Fan Motor 60 Hz 230V*	† 7629413
3	Run Capacitor (Emerson)*	8503353
3a	Run Capacitor (Magnatec)	No Longer Available
4	Fan Blade*	2416113
5	Fan Motor 50 Hz 230V*	† 7629413
6	Rain Shield*	2415053
7	Head Pressure Control	† 8368069
8	Fan Grill	3400643
9	Top Cover	† 6017751
10	Rear Panel	No Longer Available
11	Panel, Right and Left End	No Longer Available
12	Front Panel	† 6017721
13	Bracket, Fan Motor & Base	† 6017681
14	Legs (Condenser mounting)	† 6017691
15	Coupling Mounting Flange	8360183
16	Coupling Assembly 3/8 OD	No Longer Available
17	Coupling Mounting Flange	8360173
18	Coupling Assembly 1/2 OD	No Longer Available
19	Lockwasher 5/16 Split	† 5573139
20	Flatwasher	† 5573099
21	Hex Nut 5/16-18	† 5429759
22	Screw 5/16-18 Hex Head	† 5035659
23	Lockwasher #8	† 5544599
24	Screw 8-1/2	† 5121539
25	Screw, 10-24 x 5/8	† 5202059
26	Hex Nut 1/4-20	† 5429529
27	Flatwasher 1/4”	† 5573049
28	Lockwasher 1/4” Split	† 5545119
29	Screw 1/2-20 x 5/8	† 5033459
30	Lockwasher #10	† 5544649
31	Screw, 8-32 x 1/2	† 5026249
32	Female Coupling Kit	0700663

*Early models used a single bracket to mount the fan motor. Those units use the following parts:

Fan Motor 60 Hz 230V	† 7619843
Fan Motor 50 Hz 230V	No Longer Available
Rain Shield	No Longer Available
Fan Blade	No Longer Available
Run Capacitor	No Longer Available

† Refer to Cross Reference Guide

REMOTE CONDENSER DC0896



		PART NO.
1	Fan Motor 115V/60 Hz	† 7629423
2	Fan Motor 230V/50-60 Hz	† 7629413
3	Fan Blade	2416113
4	Rain Slinger	2415053
5	Air Condenser DC0896A (Uses 2)	† 8850629
6	Headmaster Control - R502	† 8368069
7	Fan Guard	3400643
8	Male Coupling, 1-1/8 x 3/8 OD	No Longer Available
9	Coupling Flange for Male Coupling, 1-1/8” x 3/8 OD	8360183
10	Male Coupling, 1-7/16 - 16 x 1/2 OD	No Longer Available
11	Coupling Flange	8360173
12	Hole Plug for 7/8” Hole	4301463
13	Base	6017791
14	Condenser Mounting Angle	6017771
15	Base Bracket for Fan Mounting	† 6017681
16	Support Bracket	† 6017781
17	Top Cover	6017891
18	Front Panel	No Longer Available
19	Electrical Box Cover	† 6017761
20	Relay	No Longer Available
21	Relay Mounting Bracket	No Longer Available
22	Transformer (Not shown)	No Longer Available
23	Electrical Junction Box (Not shown)	2515013
24	Screw, #10-24 x 0.62	† 5202059
25	Screw, #8 x 0.50	† 5121539
26	Lockwasher, #8	† 5544599
27	Screw, 0.25 x 0.62	† 5033459
28	Lockwasher 0.25 Split SS	† 5545119
29	Washer - Flat 0.25 SS	† 5573049
30	Nut 0.25-20 Steel Hex	† 5429529
31	Lockwasher #10	† 5544649
32	Screw, 0.31-18 x 0.62 Hex Head	† 5035659
33	Nut 0.31-18 Steel Hex Head	† 5429759
34	Washer, Flat 0.31 ID	† 5573099
35	Lockwasher 0.31 Split Zinc	† 5573139
36	Back Panel (Not shown)	† 6017881

NOTE: Items 20, 21, 22 and 23 are used only when the optional K00095 Relay/Transformer Kit has been installed.

† Refer to Cross Reference Guide

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