HOBART

CATALOG OF REPLACEMENT PARTS

1HF SERIES FRYER
STAND ALONE

1HF50D	ML-136500
1HF50C	ML-136502
1HF85C	ML-136503

PRIOR MLS COVERED IN THIS MANUAL

1HF85D	ML-136501

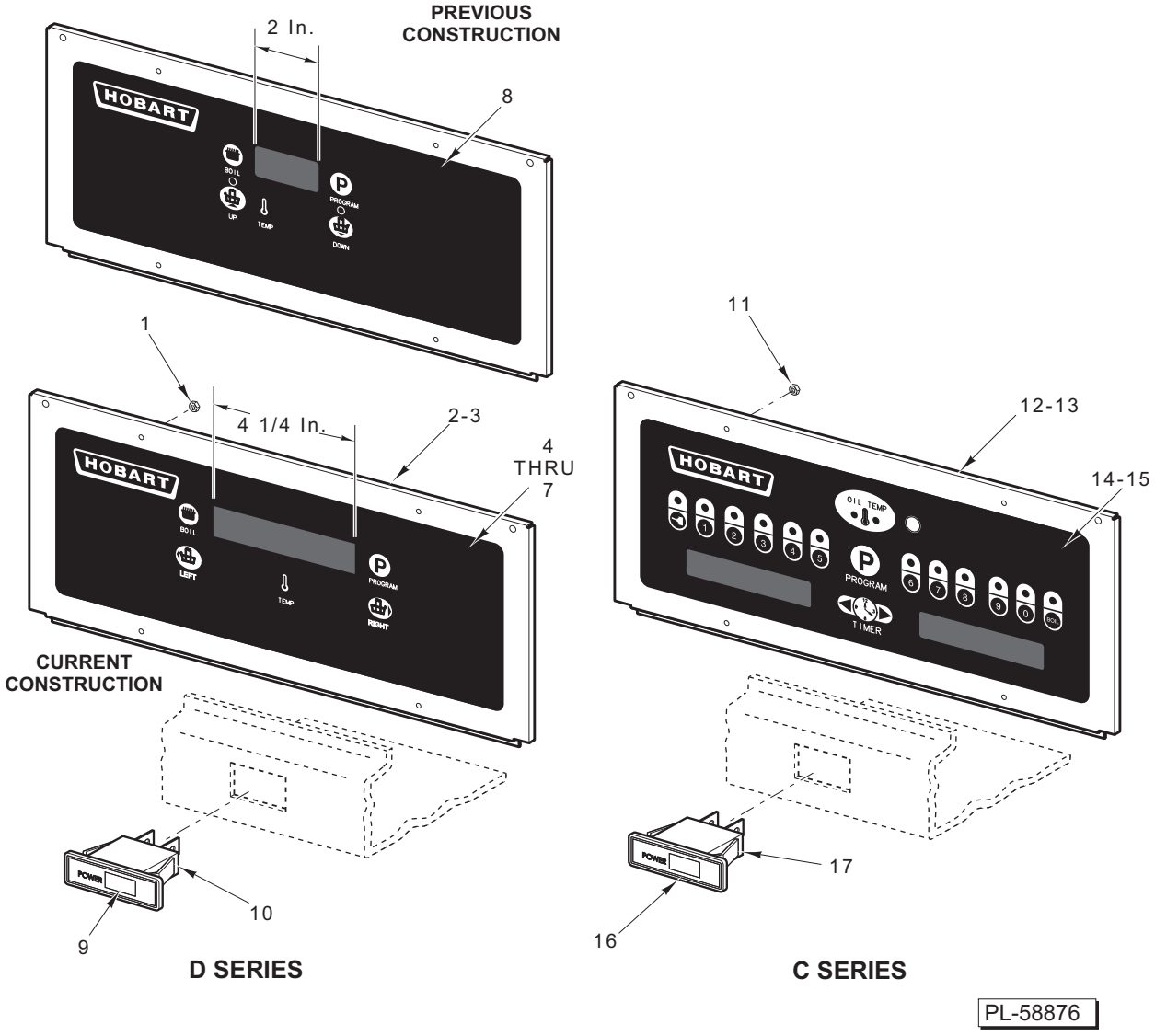
A product of HOBART 701 S. RIDGE AVENUE TROY, OHIO 45374-0001

FORM 43124 Rev. A (February 2009)

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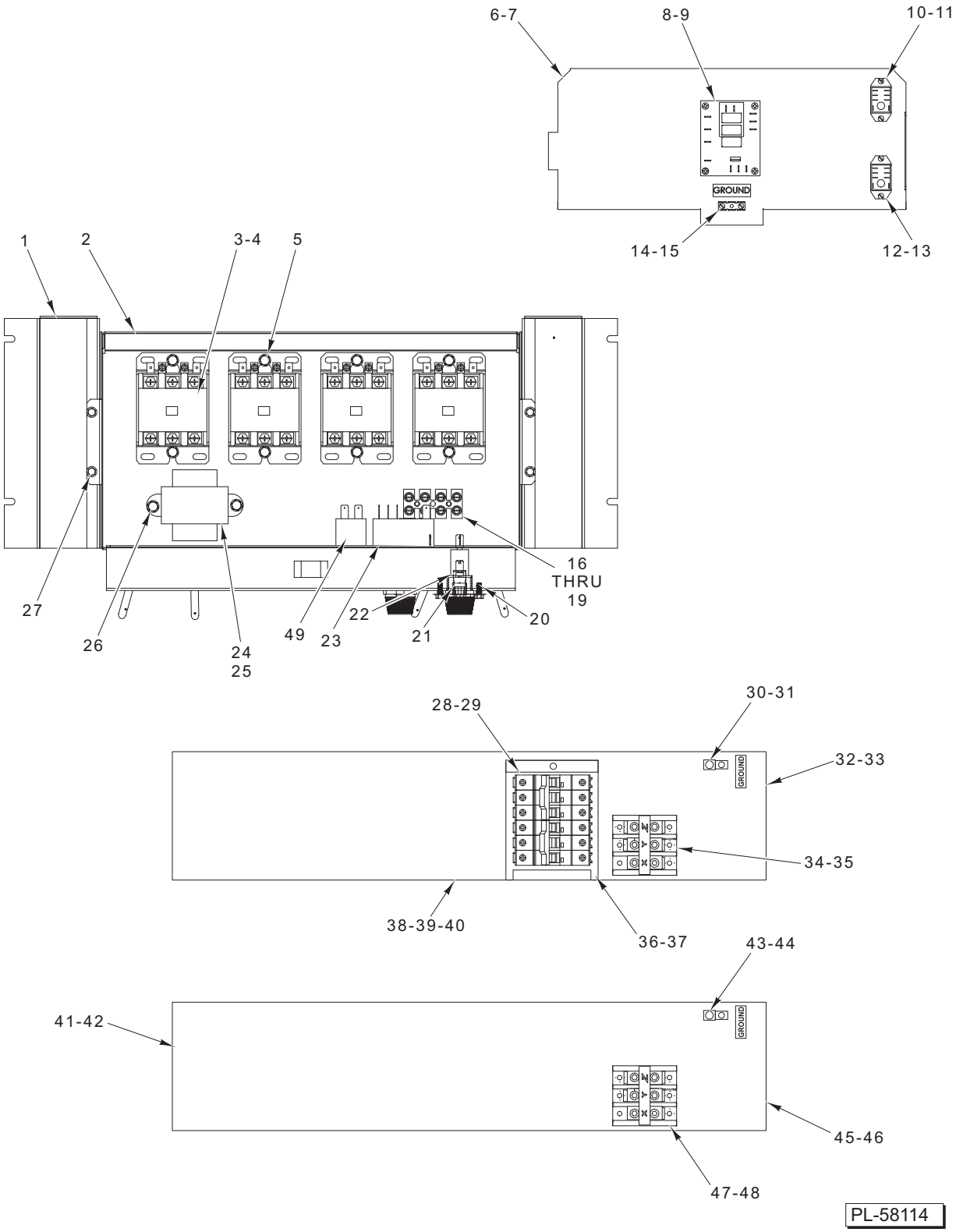
5	CONTROL PANEL (NCC)
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CONTROL PANEL (NCC)

CONTROL PANEL (NCC)

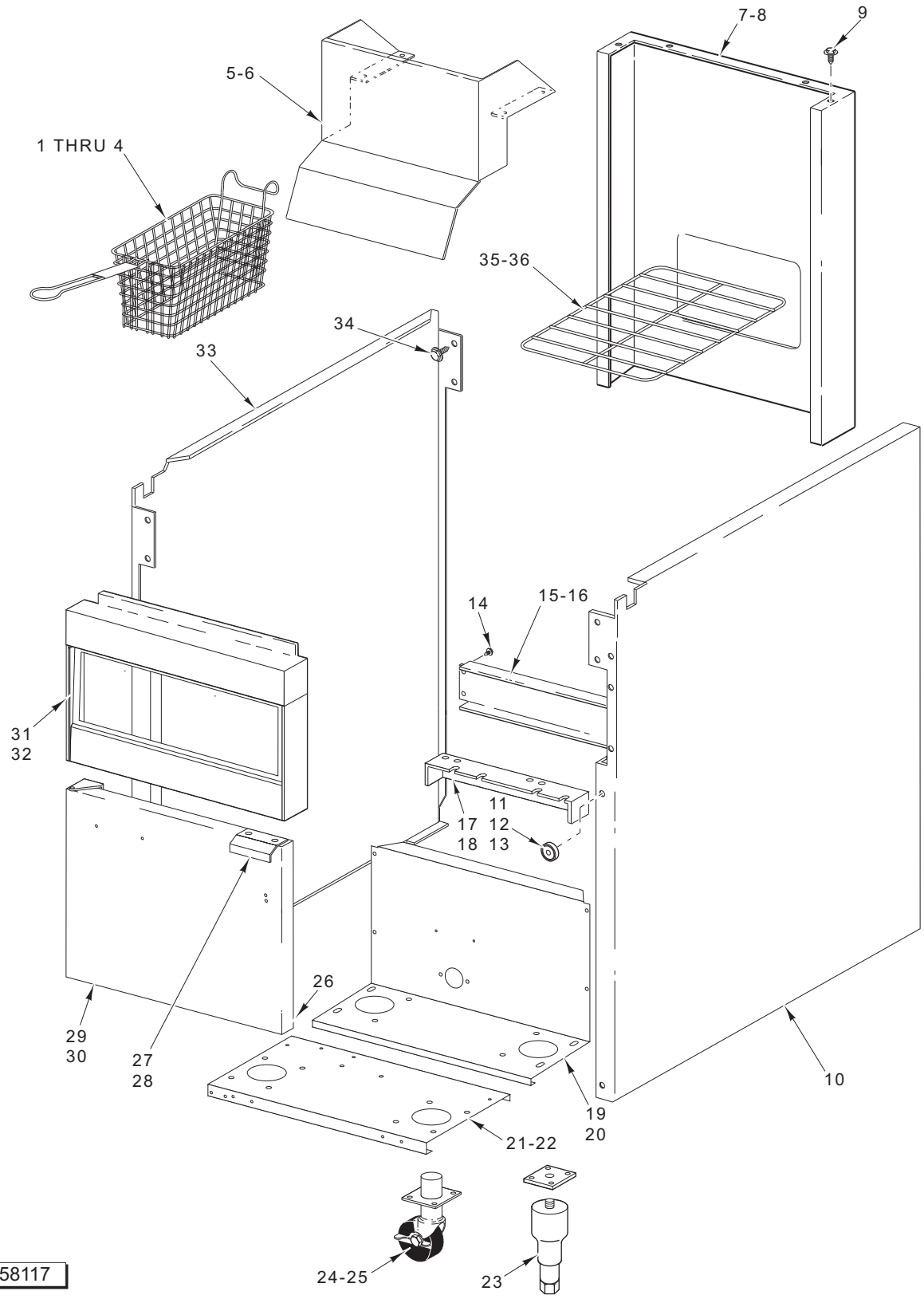
ILLUS. PL-58876	PART NO.	NAME OF PART	AMT.
1	NS-046-89	Nut Assy. 6-32 KEPS	4
2	00-426815-000G1	Plate Assy. – Mounting (1HF50D)	1
3	00-426815-000G2	Plate Assy. – Mounting (1HF85D)	1
4	00-497745-00004	Overlay – Hobart (Boil) (1HF50D)	1
5	00-497745-00002	Overlay – Hobart (Filter)	1
6	00-913012-00006	Control Assy. – Solid State (Boil Button) (1HFD Series) (Incls. Item 4)	1
7	00-913012-00007	Control Assy. – Solid State (Filter Button) (Incls. Item 5)	1
8	00-497421-00002	Overlay – Control Panel	1
9	00-428906-00001	Overlay – Power	1
10	00-427755-000G1	Switch Assy. – Power	1
11	NS-046-89	Nut Assy. 6-32 KEPS	4
12	00-426815-000G1	Plate Assy. – Mounting (1HF50C)	1
13	00-426815-000G2	Plate Assy. – Mounting (1HF85C)	1
14	00-913012-00001	Control Assy. – Computer (Boil Button) (1HFC Series) (Incls. Item 15)	1
15	00-497422-00002	Overlay – Control Panel (1HF50C/85C)	1
16	00-428906-00001	Overlay – Power	1
17	00-427755-000G1	Switch Assy.	1
	00-428280-000G1	Harness Assy. (1HF50C/85D)	1
	00-428280-000G2	Harness Assy. – Interconnect	1
	00-428280-000G3	Harness Assy. – Lift Output (1HF50C)	1



POWER SUPPLY BOX

POWER SUPPLY BOX

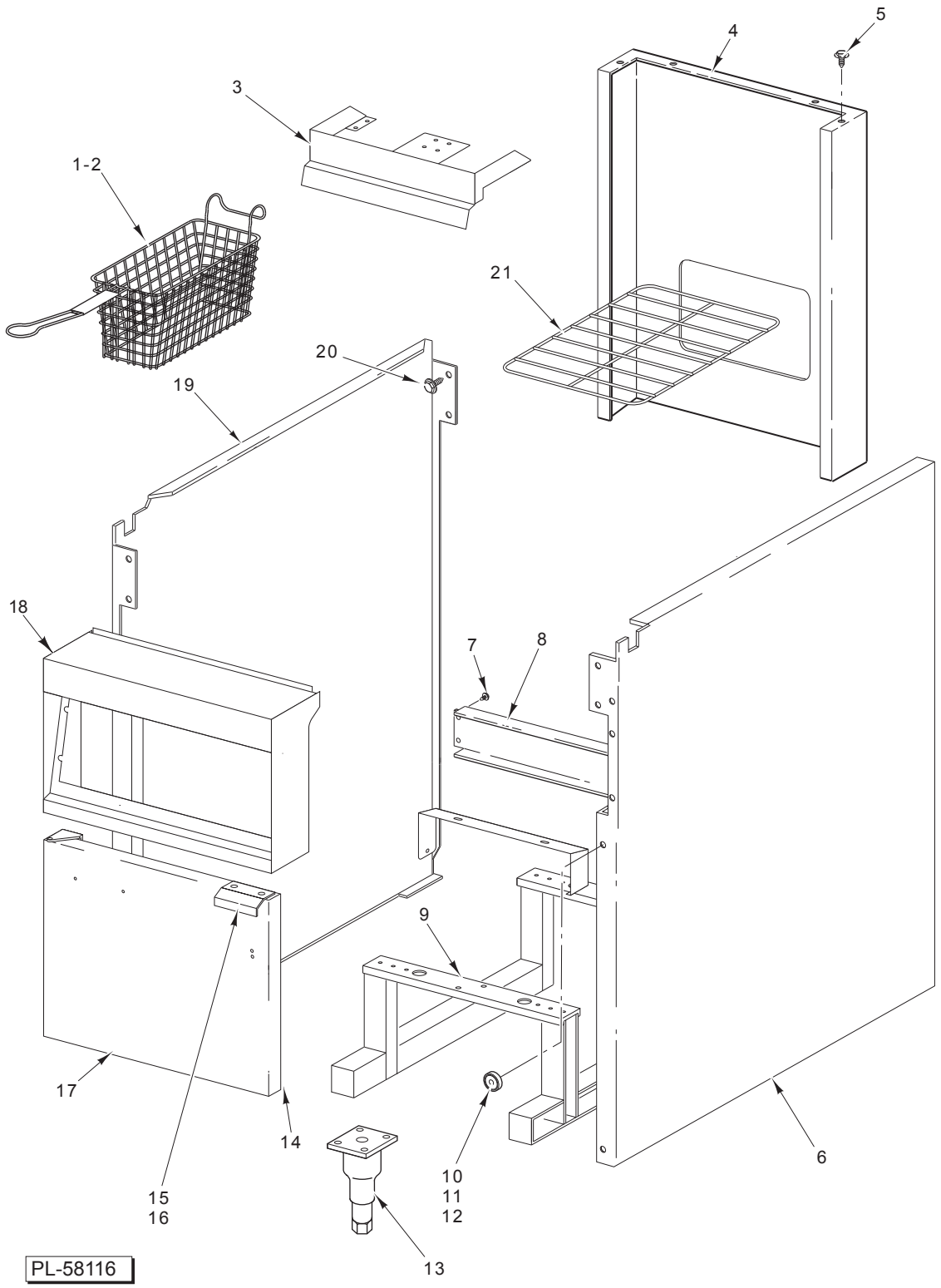
ILLUS. PL-58114	PART NO.	NAME OF PART	AMT.
1	00-497095-00002	Box – Power Supply (1HF85C/D)	1
2	00-497095-00001	Box – Power Supply (1HF50C/D)	1
3	00-411497-000C5	Contactor – 3 Pole (40 Amp., 230 V.)	4
4	00-411497-000C3	Contactor – 3 Pole (40 Amp., 120 V.)	4
5	SD-037-96	Self-Tapping Screw 8-18 x 3/4 Hex Hd., Type AB	8
6	00-497096-00001	Plate – Temperature Board (1HF50C/D)	1
7	00-497096-00002	Plate – Temperature Board (1HF85C)	1
8	SD-024-40	Self-Tapping Screw 6-32 x 5/8 Phil. Pan Hd., Type TT	4
9	00-427759-00001	Control – Interface	1
10	SC-060-23	Mach. Screw 4-40 x 1/4 Slotted Rd. Hd.	AR
11	00-416535-00004	Switch – Relay (24 V.)	1
12	00-416535-00007	Switch – Relay (240 V.)	1
13	NS-047-32	Lock Nut 4-40	AR
14	00-419317	Terminal – Stationary	1
15	SC-060-23	Mach. Screw 4-40 x 1/4 Slotted Rd. Hd.	AR
16	00-414208-00002	Barrier – Terminal	1
17	NS-009-07	Mach. Nut 6-32 Hex	2
18	SC-119-90	Mach. Screw 6-32 x 1 Pan Hd.	2
19	WL-004-40	Lockwasher #10 Medium	2
20	SD-036-80	Self-Tapping Screw 8-32 x 3/8 Hex Washer Hd., Type TT	4
21	FE-019-40	Fuse (15 Amp., 300 V.)	2
22	FE-023-55	Holder – Fuse (15 Amp., 300 V.)	2
23	00-428864-00004	Relay	1
24	00-411500-00012	Transformer (120 VAC, 28 V., 40 VA)	1
25	00-411500-00013	Transformer (200-240 VAC, 28 V., 40 VA)	1
26	SD-037-96	Self-Tapping Screw 8-18 x 3/4 Hex Washer Hd., Type AB	2
27	SD-036-80	Self-Tapping Screw 8-32 x 3/8 Hex Washer Hd., Type TT	4
28	00-497265-00001	Breaker	2
29	SD-036-96	Self-Tapping Screw 8-18 x 3/4 Hex Washer Hd.	2
30	00-417856-00001	Lug – Ground With Set Screw	1
31	SD-036-96	Self-Tapping Screw 8-18 x 3/4 Hex Washer Hd.	1
32	00-428271-00004	Lid Breaker Box With Breakers	1
33	SD-036-96	Self-Tapping Screw 8-18 x 3/4 Hex Washer Hd.	1
34	00-410472-00008	Block – Terminal (3 Pole)	1
35	SD-036-96	Self-Tapping Screw 8-18 x 3/4 Hex Washer Hd.	2
36	00-497361-00002	Stand – Breaker	1
37	SD-036-96	Self-Tapping Screw 8-18 x 3/4 Hex Washer Hd.	1
38	00-428270-00002	Box – Breaker	1
39	00-497266-000G2	Box – Power Supply (208 V.) (1HF85C)	1
40	00-497266-000G4	Box – Power Supply (480 V.)	1
41	00-428271-00005	Lid – Breaker Box Small	1
42	SD-036-96	Self-Tapping Screw 8-18 x 3/4 Hex Washer Hd.	1
43	00-417856-00001	Lug – Ground With Set Screw	1
44	SD-036-96	Self-Tapping Screw 8-18 x 3/4 Hex Washer Hd.	1
45	00-428270-00003	Box – Breaker	1
46	00-497266-000G1	Box – Power Supply (208 V.) (1HF50C/D)	1
47	00-410472-00008	Block – Terminal (3 Pole)	1
48	SD-036-96	Self-Tapping Screw 8-18 x 3/4 Hex Washer Hd.	2
49	00-416535-00004	Switch – Relay (24 V.)	1
	00-418346-00001	Cord – Power	1



BODY UNIT (1HF50C & 1HFD SERIES)

BODY UNIT (1HF50C & 1HFD SERIES)

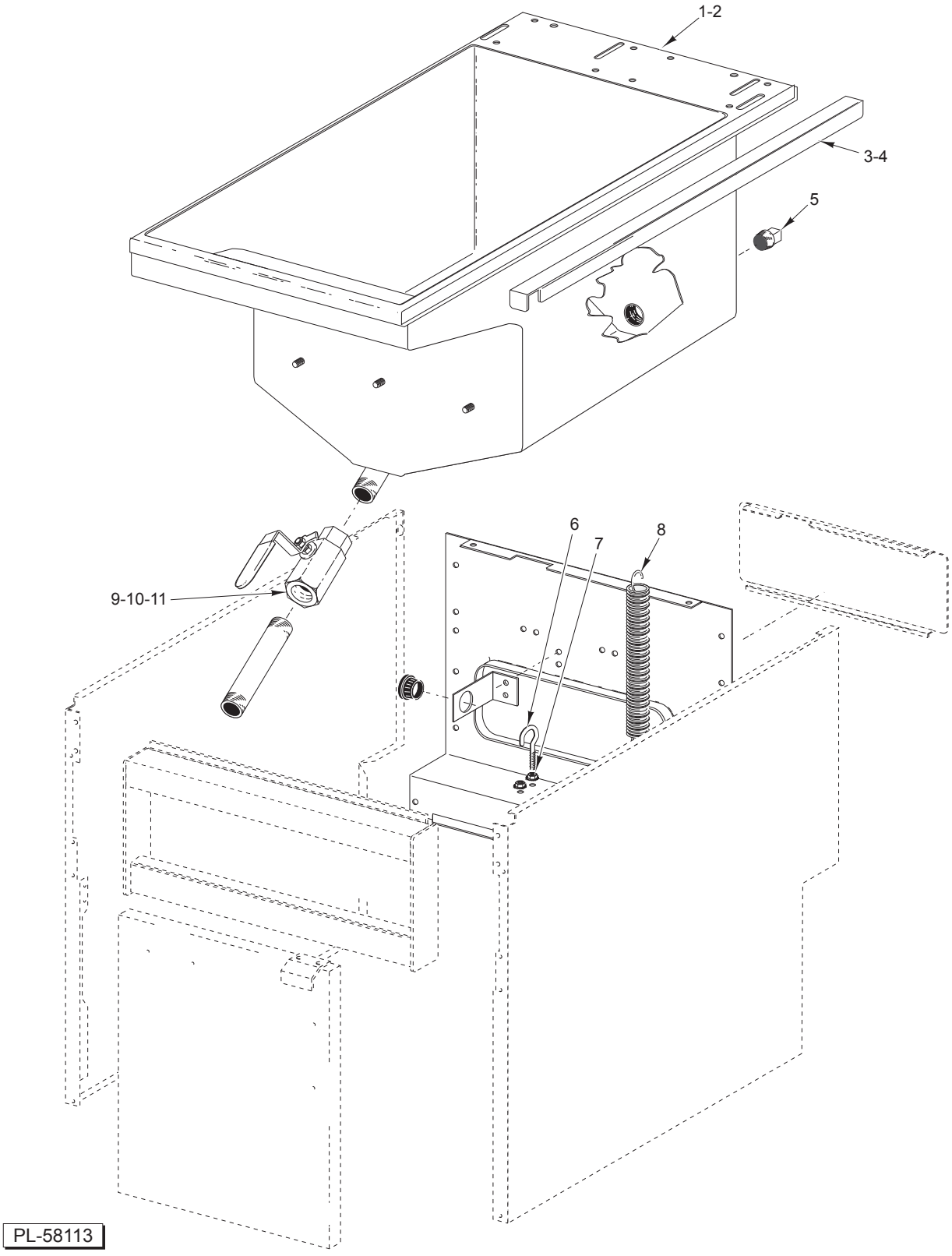
ILLUS. PL-58117	PART NO.	NAME OF PART	AMT.
1	00-499223-00001	Basket – Twin (1HF50C/D)	AR
2	00-499223-00004	Basket – Twin (HFD85D)	AR
3	00-499223-00011	Basket – Single (1HF85)	AR
4	00-499223-00009	Basket – Single (1HF50C/D)	AR
5	00-421912-000G1	Hanger – Single Basket (1HF85D)	1
6	00-421911-000G1	Hanger – Single Basket (1HF50C/D)	1
7	00-422020-000G4	Flue Wrap (SST) (1HF85D)	1
8	00-422021-00002	Flue Wrap (SST) (1HF50C/D)	1
9	SD-036-96	Self-Tapping Screw 8-18 x 3/4 Hex Hd., Type AB	2
10	00-420596-00004	Body – Side (SST) (RH)	1
11	RS-033-04	Rivet – Pop	1
12	00-497296-00001	Magnet – Door	1
13	00-497296-000G1	Magnet Assy.	1
14	SD-032-07	Self-Tapping Screw 10-24 x 1/2 Hex Washer Hd., Type TT	10
15	00-417014-00001	Bracket – Rear Support (1HF50C/D)	1
16	00-418320-00001	Bracket – Rear Support (1HF85D)	1
17	00-427825-00001	Bracket – Power Supply – Rear	1
18	00-427824-00001	Bracket – Power Supply – Front	1
19	00-416950-00001	Body – Bottom (Rear) (1HF50C/D)	1
20	00-419652	Body – Bottom (Rear) (1HF85D)	1
21	00-427886-00001	Body – Bottom (Front) (1HF50C/D)	1
22	00-428152-00001	Body – Bottom (Front) (1HF85D)	1
23	00-413112-00012	Leg (6 In.) (SST)	4
24	00-421893-00001	Plate – Mount – Casters (1HF50C & 1HF85D)	2
25	00-421893-00002	Caster (No Brake) (1HF50C & 1HF85D)	2
26	00-420769-00001	Bumper – Rubber	1
27	00-419653	Handle	1
28	RS-033-02	Rivet – Pop	4
29	00-499487-000G1	Door Assy. (SST) (1HF50C/D)	1
30	00-499487-000G5	Door Assy. (1HF85D)	1
31	00-426806-000G1	Frame – Front (1HF50C/D)	1
32	00-426806-000G4	Frame – Front (1HF85D)	1
33	00-420596-00003	Body – Side (SST) (LH)	1
34	SD-036-03	Self-Tapping Screw 8-18 x 3/8 Hex Washer Hd., Type AB	8
35	00-427883-00002	Screen – Basket Support (1HF50C/D)	1
36	00-427883-00004	Rack – Basket (1HF85D)	1
	00-416737-00002	Bracket – Thermistor	1
	00-422737-00002	Probe – Thermistor (1HF50C/D)	1
	00-422737-00001	Probe – Thermistor (1HF85C/D)	1



BODY UNIT (1HF85C)

BODY UNIT (1HF85C)

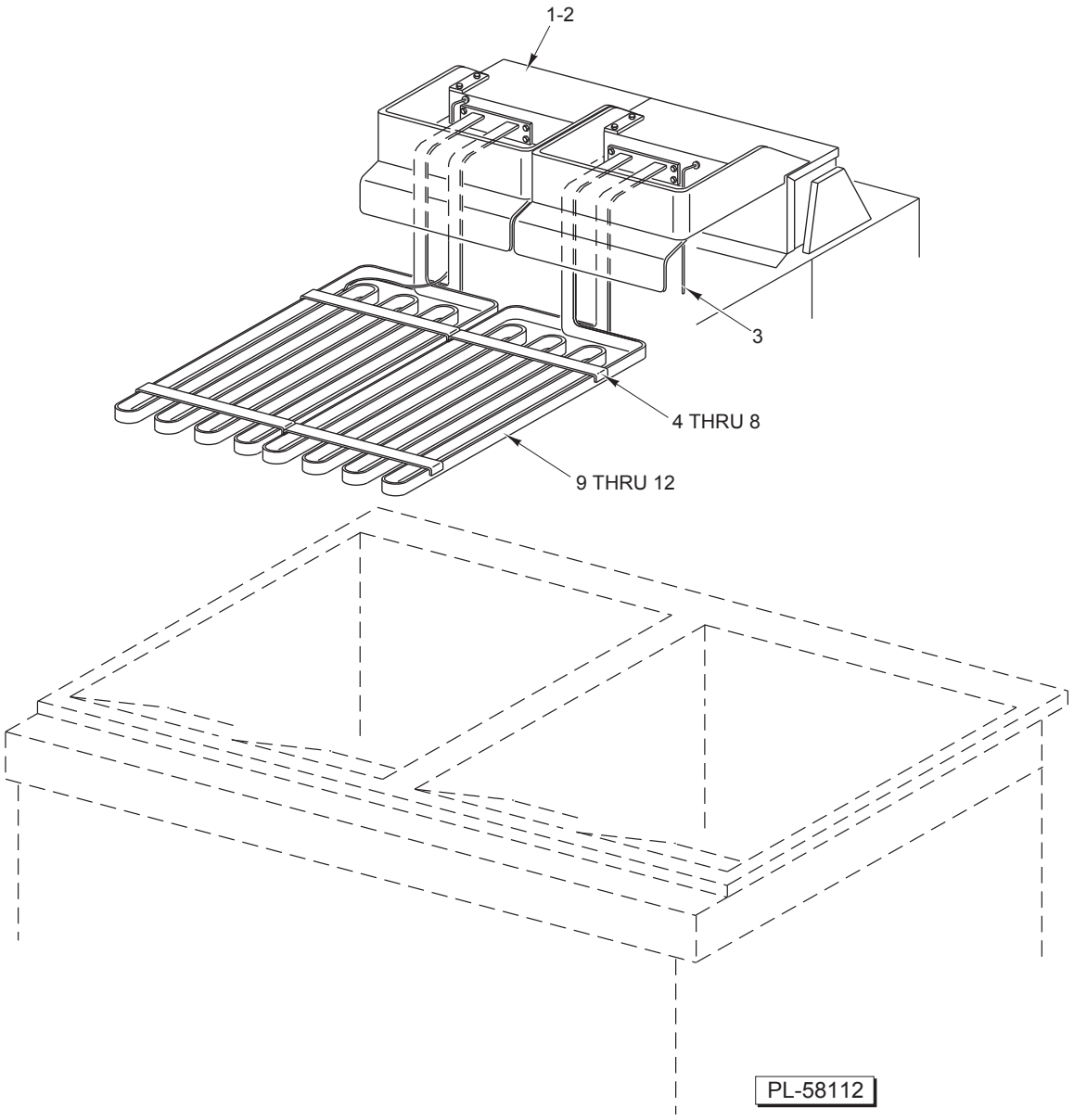
ILLUS. PL-58116	PART NO.	NAME OF PART	AMT.
1	00-499223-00004	Basket – Twin	AR
2	00-499223-00011	Basket – Single	AR
3	00-421912-000G1	Hanger – Single Basket	1
4	00-422020-000G4	Flue Wrap (SST) (HFD85/85F & HFC85/85F)	1
5	SD-036-96	Self-Tapping Screw 8-18 x 3/4 Hex Hd., Type AB	2
6	00-419777-00004	Body – Side (SST) (RH)	1
7	SD-032-07	Self-Tapping Screw 10-24 x 1/2 Hex Washer Hd., Type TT	10
8	00-418320-00001	Bracket – Rear Support	1
9	00-420839-000G2	Base Assy.	1
10	00-497296-00001	Magnet – Door	1
11	00-497296-000G1	Magnet Assy.	1
12	RS-033-04	Rivet – Pop	1
13	00-413112-00007	Leg (6 1/4 In.)	4
14	00-420769-00001	Bumper – Rubber	1
15	00-419653	Handle	1
16	RS-033-04	Rivet – Pop (0.187)	4
17	00-499487-000G7	Door Assy. – With Hinge (LH)	1
18	00-426806-000G4	Frame Assy. – Front	1
19	00-419777-00003	Body – Side (SST) (LH)	1
20	SD-036-03	Self-Tapping Screw 8-18 x 3/8 Hex Washer Hd., Type AB	8
21	00-427883-00004	Screen – Basket Support	1



TANK

TANK

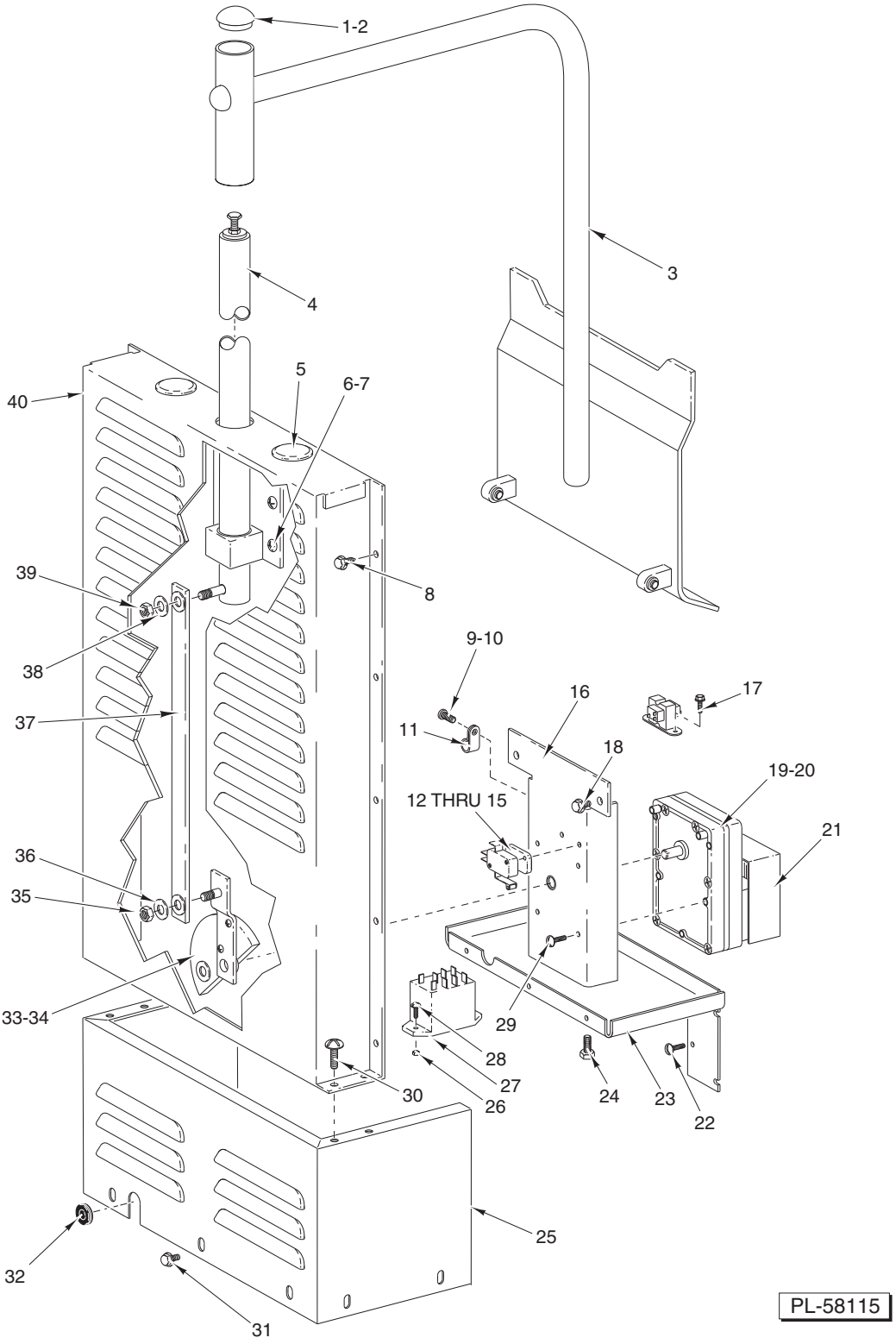
ILLUS. PL-58113	PART NO.	NAME OF PART	AMT.
1	00-421844-000G3	Tank Assy. (1HF50C/D)	1
2	00-421842-000G3	Tank Assy. (1HF85C/D)	1
3	00-410863-00002	Channel – Grease (1HF50C/D)	1
4	00-410863-00007	Channel – Grease (Spec) (1HF85C/D)	1
5	FP-028-14	Plug – Pipe 1/2 Sq. Hd.	AR
6	00-402570-00003	Eye Bolt	AR
7	NS-047-69	Lock Nut 6-32 Hex	AR
8	00-406363-00001	Spring – Door (Long)	AR
9	00-426803-000G2	Valve Assy. (Incls. Items 10 & 11)	1
10	00-426805-000G1	Switch Assy.	1
11	00-426801-00002	Magnet – Switch Element Head	1



HEATING ELEMENT ASSEMBLY

HEATING ELEMENT ASSEMBLY

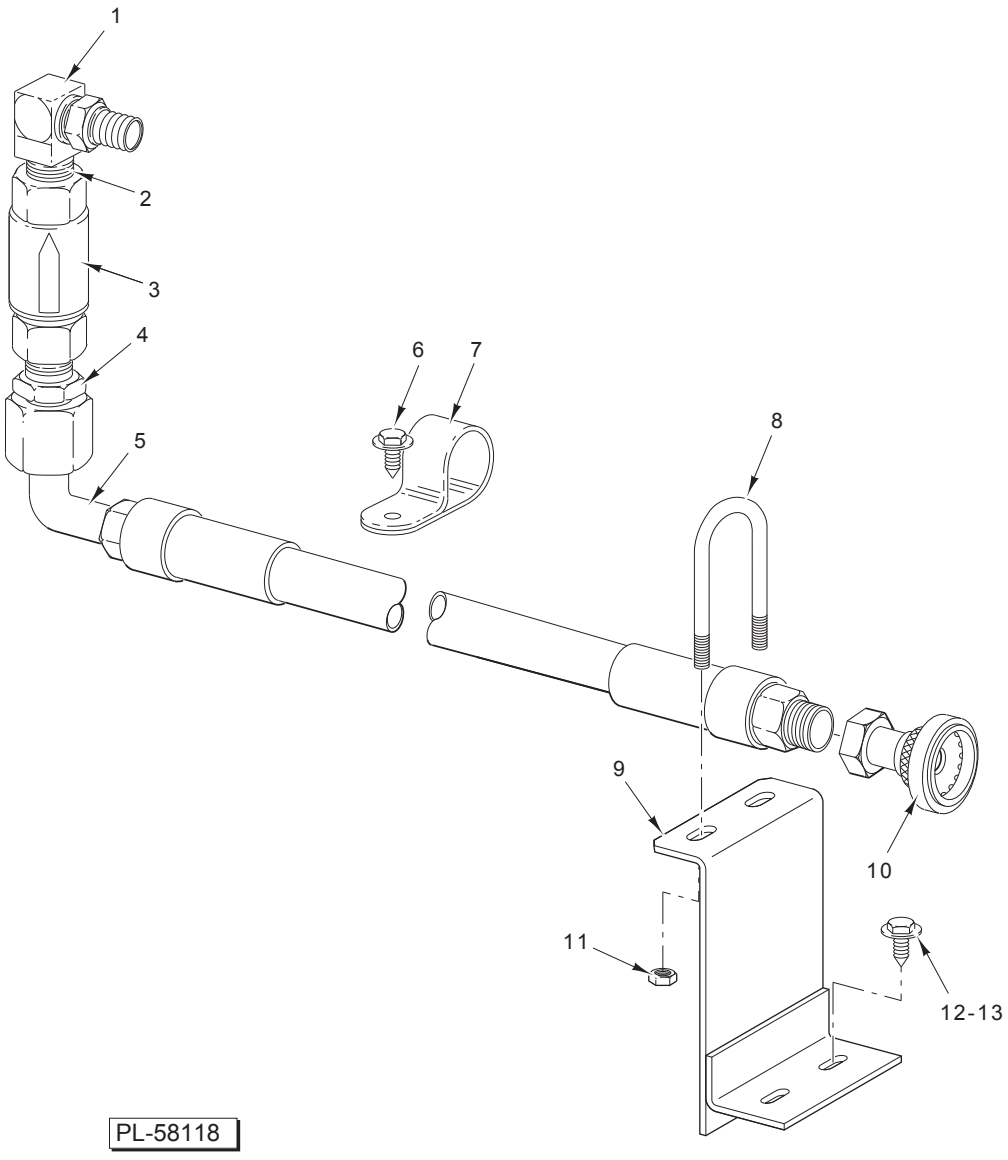
ILLUS. PL-58112	PART NO.	NAME OF PART	AMT.
1	00-421829-000G1	Element Head Assy. (1HF85C/D)	1
2	00-422322-000G1	Element Head Assy. (1HF50C/D)	1
3	00-416782-00001	Bracket – Hi-Limit	AR
4	00-416782-00002	Bracket – Hi-Limit	1
5	00-414177-00001	Clamp – Bottom Element Assy. (HFD50/50F & HFC50/50F)	2
6	00-422380-00002	Clamp – Bottom Element Assy. (HFD85/85F & HFC85/85F)	1
7	00-422381-000G1	Clamp – Top Element Assy. (HFD85/85F & HFC85/85F)	4
8	00-414178-000G2	Clamp – Top Element Assy. (HFD50/50F & HFC50/50F)	4
9	00-416741-000G9	Element Assy. (208 V., 8500 kW) (1HF50C/D)	2
10	00-416741-00G12	Element Assy. (480 V., 8500 kW) (1HF50C/D)	2
11	00-421892-000G1	Element Assy. (208 V., 12000 kW) (1HF85C/D)	2
12	00-421892-000G4	Element Assy. (480 V., 12000 kW) (1HF85C/D)	2
	00-414146-00002	Thermostat Hi-Limit	1
	00-426801-00001	Switch – Wired	1
	00-426801-00002	Magnet – Switch Element Head	1
	00-422380-00001	Clamp – Rear Lower Element (1HF85C)	1
	00-422381-000G2	Clamp – Top Element Assy. With Guard (1HF85C)	1
	00-422414-00001	Clamp – Front Lower Element (1HF85C)	1
	00-427764-00001	Clamp – Front Lower Element (1HF50C/D)	1
	00-416736-00001	Gasket – Element Flange	4
	00-422737-00001	Probe – Thermistor	1



BASKETLIFT COMPONENTS

BASKETLIFT COMPONENTS

ILLUS. PL-58115	PART NO.	NAME OF PART	AMT.
1	PB-005-29	Plug – Button	1
2	SC-047-34	Set Screw 5/16-18 x 1/2 Hdls., Cup Pt.	1
3	00-427877-000G1	Lift Assy. (Single)	1
4	00-418503-00002	Tube	1
5	PB-004-04	Plug Button (1 1/4)	2
6	SD-032-07	Self-Tapping Screw 10-24 x 1/2 Hex Washer Hd., Type TT	6
7	00-422247-000G1	Bearing Support Assy.	1
8	SD-036-03	Self-Tapping Screw 8-18 x 3/8 Hex Washer Hd., Type AB	10
9	SC-109-10	Mach. Screw 6-32 x 3/8 Pan Hd.	1
10	NS-009-07	Mach. Nut 6-32 Hex	1
11	00-078752-00012	Clamp – Cable	1
12	00-418159-00001	Block – Cam Switch	1
13	00-411496-000F3	Switch – Micro	1
14	SC-112-90	Mach. Screw 4-40 x 1 Pan Hd.	2
15	NS-009-12	Mach. Nut 8-32 Hex	2
16	00-418123-000G1	Plate – Motor	1
17	SD-032-07	Self-Tapping Screw 10-24 x 1/2 Hex Washer Hd., Type TT	2
18	SC-037-80	Cap Screw 10-24 x 1/2 Hex Hd.	6
19	00-418156-00001	Gear – Motor (480 V.)	1
20	00-418156-00003	Gear – Motor (208/240 V., 50/60 Hz.)	1
21	00-418517-00001	Shroud – Motor	1
22	SD-032-07	Self-Tapping Screw 10-24 x 1/2 Hex Washer Hd., Type TT	2
23	00-418513-00001	Base – Motor (21 In.)	1
24	SC-037-80	Cap Screw 10-24 x 1/2 Hex Hd.	2
25	00-418510-00001	Wrap – Bottom (HFD85/85F & HFC85/85F)	1
26	NS-009-07	Mach. Nut 6-32 Hex	2
27	00-416535-00004	Relay S.P.D.T. 24 V. Coil (Located on rear of panel)	1
28	SC-109-10	Mach. Screw 6-32 x 3/8 Pan Hd.	2
29	SC-018-47	Mach. Screw 10-32 x 3/4 Pan Hd.	4
30	SD-036-03	Self-Tapping Screw 8-18 x 3/8 Hex Washer Hd., Type AB	14
31	SC-037-80	Cap Screw 10-24 x 1/2 Hex Hd.	2
32	00-418482-00001	Grommet	1
33	00-418475-000G1	Crank-Arm Assy.	1
34	SC-055-02	Set Screw 1/4-20 x 1/4 Hdls., Cup Pt.	2
35	NS-047-73	Lock Nut 5/16-18 Hex	1
36	WS-004-33	Washer	1
37	00-418477-000G2	Coupler Assy.	1
38	WS-004-33	Washer	1
39	NS-047-73	Lock Nut 5/16-18 Hex	1
40	00-422018-00001	Wrap – Top	1
	00-422376-00001	Brace – Spring Retainer (1HF50C/D)	1
	00-422377-00001	Brace – Spring Retainer (1HF85C)	1



OIL RETURN AND ACCESSORIES (1HF85C)

OIL RETURN AND ACCESSORIES (1HF85C)

ILLUS. PL-58118	PART NO.	NAME OF PART	AMT.
1	00-419251-00001	Elbow – 1/2 NPTF Male Swivel	1
2	FP-035-96	Pipe 1/2 x 2 1/2 TBE	1
3	00-418786-00001	Valve – Check (Ball Cone)	1
4	00-419211-00001	Adapter (Pipe to Flare)	1
5	00-418966-00002	Oil Return Line	1
6	SD-032-07	Self-Tapping Screw 10-24 x 1/2 Hex Washer Hd., Type TT	2
7	00-078752-00003	Clamp – Cable	2
8	00-521820	U-Bolt 1/4-20	1
9	00-420588-000G1	Bracket – Oil Return	1
10	00-418791-000G1	Quick Disconnect Assy.	1
11	NS-046-52	Nut 1/4-20 Hex KEPS	2
12	SD-032-07	Self-Tapping Screw 10-24 x 1/2 Hex Washer Hd., Type TT	4
13	NS-044-09	Nut Assy. 10-24 Hex KEPS	4
	00-423268-00001	Pipe – Drain	1
	00-499486-00001	Clip – Drain Pipe	1
	00-956636-00001	Bracket – Bulb Locator	1