

Parts List, Wiring Diagrams

PAE180 - 300 SERIES

PACKAGE A/C UNITS



TABLE OF CONTENTS

PARTS LIST	2-14
PARTS DRAWING	15-49
WIRING DIAGRAM	50-67

PAE180 - 300 PARTS LIST

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAE180H000AA	PAE180L000AA	PAE180S000AA	PAE210H000AA	PAE210L000AA	PAE210S000AA	PAE240H000AA	PAE240L000AA	PAE240S000AA	PAE300H000AA	PAE300L000AA	PAE300S000AA
			*	*	*	*	*	*	*	*	*	*	*	*
1	BEARING PILLOW BLOCK 1-7/16"	1171034	*	*	*	2	2	2	*	*	*	*	*	*
1	PANEL TOP COND	1171489	1	1	1	*	*	*	1	1	1	*	*	*
1	SUPPORT COIL	1172131	*	*	*	*	*	*	*	*	*	1	1	1
2	BELT V BX50 53"	1171506	*	*	*	1	1	1	*	*	*	*	*	*
2	POST CORNER	1171176	1	1	1	*	*	*	1	1	1	*	*	*
2	SUPPORT COIL	1171468	*	*	*	*	*	*	*	*	*	1	1	1
3	ANGLE	1171014	*	*	*	*	*	*	*	*	*	1	1	1
3	CAP RN OV 370V 10	1171729	*	*	*	3	3	3	*	*	*	*	*	*
3	PANEL OUTDOOR ACCESS	1171377	2	2	2	*	*	*	2	2	2	*	*	*
4	BREAKER 3.2A 1 POLE 250V	1171114	*	*	*	1	1	1	*	*	*	*	*	*
4	PANEL CENTER ACCESS	1171378	2	1	1	*	*	*	1	1	1	*	*	*
4	TRACK FILTER	1171491	*	*	*	*	*	*	*	*	*	1	1	1
5	ANGLE COIL	1171118	*	*	*	*	*	*	*	*	*	1	1	1
5	BREAKER 14.6A 3 POLE 48V	1171816	*	*	*	1	*	*	*	*	*	*	*	*
5	BREAKER 23A 3 POLE 600V	1170545	*	*	*	*	1	*	*	*	*	*	*	*
5	BREAKER 6A 3 POLE 480V	1171817	*	*	*	*	*	1	*	*	*	*	*	*
5	PANEL INDOOR ACCESS	1171379	2	2	2	*	*	*	2	2	2	*	*	*
6	BRACE UPPER	1171060	*	*	*	*	*	*	*	*	*	1	1	1
6	COIL ASY	1175459	*	*	*	1	1	1	*	*	*	*	*	*
6	PANEL TOP EVAP	1171360	1	1	1	*	*	*	1	1	1	*	*	*
7	COIL ASY	1175458	*	*	*	1	1	1	*	*	*	*	*	*
7	PANEL	1171361	1	1	1	*	*	*	1	1	1	*	*	*
7	PLATE BLOCKOFF	1171042	*	*	*	*	*	*	*	*	*	1	1	1
8	COMP ZR108KC-TF5-950	1173469	*	*	*	1	*	*	*	*	*	*	*	*
8	COMP ZR108KC-TFD-950	1173470	*	*	*	*	1	*	*	*	*	*	*	*
8	COMP ZR108KC-TFE-950	1175465	*	*	*	*	*	1	*	*	*	*	*	*
8	FILTER AIR 16X20X2 DISP	1171229	*	*	*	*	*	*	*	*	*	4	4	4
8	PANEL HOOD SIDE RIGHT	1171380	1	1	1	*	*	*	1	1	1	*	*	*
9	COMP ZR94KC-TF5-950	1171155	*	*	*	1	*	*	*	*	*	*	*	*
9	COMP ZR94KC-TFD-950	1171154	*	*	*	*	1	*	*	*	*	*	*	*
9	COMP ZR94KC-TFE-930	1171856	*	*	*	*	*	1	*	*	*	*	*	*
9	COVER HOOD TOP	1171183	1	1	1	*	*	*	1	1	1	*	*	*
9	FILTER AIR 20X20X2 DISP	1171010	*	*	*	*	*	*	*	*	*	4	4	4
10	ANGLE MOTOR MOUNTING PLATE	1171013	*	*	*	*	*	*	1	*	*	*	*	*
10	CONTACTOR 2P 20A 24V	1171160	*	*	*	*	1	1	*	*	*	*	*	*
10	CONTACTOR 2P 30A 24V	1171163	*	*	*	1	*	*	*	*	*	*	*	*
10	PANEL HOOD SIDE LEFT	1171381	1	1	1	*	*	*	1	1	1	*	*	*
10	TRACK FILTER	1171492	*	*	*	*	*	*	*	*	*	3	3	3
11	ANGLE FILTER RETAINER	1171015	1	1	1	*	*	*	1	1	1	*	*	*
11	CONTACTOR 2P 40A 24V	1173183	*	*	*	1	*	*	*	*	*	*	*	*
11	SUPPORT LOWER	1171464	*	*	*	*	*	*	*	*	*	1	1	1
12	BRACKET FILTER	1171084	1	1	1	*	*	*	1	1	1	*	*	*
12	CONTACTOR 3P 40A 24V	1172449	*	*	*	2	3	3	*	*	*	*	*	*
13	BRACKET FILTER	1171241	1	1	1	*	*	*	1	1	1	*	*	*

PAE180 - 300 PARTS LIST (continued)

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAE180H000AA	PAE180L000AA	PAE180S000AA	PAE210H000AA	PAE210L000AA	PAE210S000AA	PAE240H000AA	PAE240L000AA	PAE240S000AA	PAE300H000AA	PAE300L000AA	PAE300S000AA
13	DISTRIBUTOR	1173485	*	*	*	2	2	2	*	*	*	*	*	*
13	HEATER COVER	1171290	*	*	*	*	*	*	*	*	*	1	1	1
14	DRIER 16 CI 1/2"IN & OUT	1171203	*	*	*	2	2	2	*	*	*	*	*	*
14	PAN HOOD DRAIN	1171358	1	1	1	*	*	*	1	1	1	*	*	*
15	FILTER AIR 16X20X2 DISP	1171229	*	*	*	4	4	4	*	*	*	*	*	*
15	GUARD FAN	1171266	*	*	*	*	*	*	*	*	*	6	6	6
16	ANGLE BASE RAIL	1171029	*	*	*	*	*	*	*	*	*	*	2	*
16	BAFFLE	1171017	1	1	1	*	*	*	1	1	1	*	*	*
16	FILTER AIR 20X20X2 DISP	1171010	*	*	*	4	4	4	*	*	*	*	*	*
17	FAN C 22" 3B 1/2" 28 INT	1171219	*	*	*	*	*	*	*	*	*	6	6	6
17	FUSE KTK-3 1/2 3.5A 600V	1171098	*	*	*	*	2	2	*	*	*	*	*	*
17	FUSE SC-25 25A 600V	1171253	*	*	*	2	*	*	*	*	*	*	*	*
17	POST CENTER	1171083	4	4	4	*	*	*	4	4	4	*	*	*
18	FUSE HOLDER HPF 30A 600V	1171258	*	*	*	*	2	2	*	*	*	*	*	*
18	FUSE HOLDER HPS-FF 30A 300V	1171259	*	*	*	2	*	*	*	*	*	*	*	*
18	POST CONDENSER CTRL BOX SIDE	1171411	1	1	1	*	*	*	1	1	1	*	*	*
19	GROMMET COMPRESSOR 1.62"DIA	1171268	*	*	*	8	8	8	*	*	*	*	*	*
19	HEAT BAFFLE	1171283	1	1	1	*	*	*	1	1	1	*	*	*
19	MTR COND 1/230 1/2 1050/1	1173519	*	*	*	*	*	*	*	*	*	6	*	*
19	MTR COND 1/460 1/2 1050/1	1173520	*	*	*	*	*	*	*	*	*	*	6	*
19	MTR COND 1/575 1/2 1050/1	1173521	*	*	*	*	*	*	*	*	*	*	*	6
20	CLAMP 7/8"ID	1171115	*	*	*	2	2	2	*	*	*	*	*	*
20	HEATER COVER	1171290	1	1	1	*	*	*	1	1	1	*	*	*
21	KEY	1171321	*	*	*	1	1	1	*	*	*	*	*	*
21	SUPPORT COIL	1172131	1	1	1	*	*	*	1	1	1	*	*	*
22	CORNER POST IFM ACCESS SIDE	1171408	1	1	1	*	*	*	1	1	1	*	*	*
22	MTR BLT 3/208-460 5.0 1745	1170542	*	*	*	1	1	*	*	*	*	*	*	*
22	MTR BLT 3/575 5HP	1171852	*	*	*	*	*	1	*	*	*	*	*	*
23	CHANNEL DUCT	1171111	1	1	1	*	*	*	1	1	1	*	*	*
23	MTR COND 1/230 1/2	1171342	*	*	*	3	*	*	*	*	*	*	*	*
23	MTR COND 1/460 1/2	1171336	*	*	*	*	3	3	*	*	*	*	*	*
24	NOZZLE ORIFICE .2656"DIA C8	1171825	*	*	*	1	1	1	*	*	*	*	*	*
24	SUPPORT COIL	1171468	1	1	1	*	*	*	1	1	1	*	*	*
24	WHEEL BD12x12x1-7/16 REV CV	1171052	*	*	*	*	*	*	*	*	*	2	2	2
25	CONNECTOR FEMALE COMPRESSION	1171138	*	*	*	*	*	*	*	*	*	1	1	1
25	CORNER POST	1171171	1	1	1	*	*	*	1	1	1	*	*	*
25	NOZZLE	1173175	*	*	*	1	1	1	*	*	*	*	*	*
26	DECK FAN INDOOR	1171215	*	*	*	*	*	*	*	*	*	1	1	1
26	FAN C 22" 3B 1/2" 28 INT	1171219	*	*	*	3	3	3	*	*	*	*	*	*
26	PLATE BLOCKOFF	1171042	1	1	1	*	*	*	1	1	1	*	*	*
27	HEAT BAFFLE	1171283	*	*	*	*	*	*	*	*	*	1	1	1
27	PULLEY 1 1/8 X 6.25 1VP65	1173538	*	*	*	1	1	1	*	*	*	*	*	*
28	KEY	1171321	*	*	*	*	*	*	*	*	*	1	1	1
28	PARTITION FAN	1171217	1	1	1	*	*	*	1	1	1	*	*	*

PAE180 - 300 PARTS LIST (continued)

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAE180H000AA	PAE180L000AA	PAE180S000AA	PAE210H000AA	PAE210L000AA	PAE210S000AA	PAE240H000AA	PAE240L000AA	PAE240S000AA	PAE300H000AA	PAE300L000AA	PAE300S000AA
28	PULLEY 1 7/16 X 9.75 BK100	1171419	*	*	*	1	1	1	*	*	*	*	*	*
29	PULLEY 1 7/16 X 8.00 2B5V80	1173194	*	*	*	*	*	*	*	*	*	1	1	1
29	RELAY 24V DPST 9400-03Q228	1171436	*	*	*	2	3	3	*	*	*	*	*	*
30	BELT V B50	1171528	*	*	*	*	*	*	*	*	*	2	2	2
30	RELAY SENSING	1171434	*	*	*	2	2	2	*	*	*	*	*	*
31	OUTDOOR FAN DECK	1171354	1	1	1	*	*	*	*	*	*	*	*	*
31	OUTDOOR FAN DECK	1171355	*	*	*	*	*	*	1	1	1	*	*	*
31	PULLEY 1 3/8 X 6.50 2VP65	1173193	*	*	*	*	*	*	*	*	*	1	1	1
31	SHAFT BLR	1171225	*	*	*	1	1	1	*	*	*	*	*	*
32	ANGLE COIL	1171118	1	2	1	*	*	*	1	1	1	*	*	*
32	SWITCH PRESS HI O426 C320	1172381	*	*	*	2	2	2	*	*	*	*	*	*
32	UPRIGHT INDOOR FAN MOTOR	1171226	*	*	*	*	*	*	*	*	*	1	1	1
33	BRACKET EVAP MOTOR	1171076	*	*	*	*	*	*	*	*	*	1	1	1
33	FAN C 22" 3B 1/2" 28 INT	1171219	3	3	3	*	*	*	*	*	*	*	*	*
33	FAN CC 30" 3B 5/8" 20.5 DIS	1171819	*	*	*	*	*	*	2	2	2	*	*	*
33	SWITCH PRESS LO O27 C44	1171868	*	*	*	2	2	2	*	*	*	*	*	*
34	FREEZE STAT O30 C45	1171252	*	*	*	2	2	2	*	*	*	*	*	*
34	MTR BLT 3/208-460 10.0 1745	1173180	*	*	*	*	*	*	*	*	*	1	1	*
34	MTR BLT 3/575 10.0 1740	1173179	*	*	*	*	*	*	*	*	*	*	*	1
35	MOTOR PLATE	1171346	*	*	*	*	*	*	*	*	*	1	1	1
35	TERMINAL BLOCK	1171485	*	*	*	1	*	*	*	*	*	*	*	*
35	TERMINAL BLOCK 1P 175A 600V	1171486	*	*	*	*	1	1	*	*	*	*	*	*
36	BOLT BELT ADJ 5/16-18 X 15.5	1171055	*	*	*	*	*	*	*	*	*	2	2	2
36	TERMINAL BOARD	1173187	*	*	*	1	1	1	*	*	*	*	*	*
36	TRACK FILTER	1171492	3	3	3	*	*	*	*	*	*	*	*	*
37	BRACKET EVAP MOTOR	1171075	*	*	*	*	*	*	*	*	*	1	1	1
37	SUPPORT LOWER	1171464	1	1	1	*	*	*	*	*	*	*	*	*
37	TRANS 200/230/460>24 75VA	1171498	*	*	*	1	1	1	*	*	*	*	*	*
38	ANGLE MOTOR MOUNTING PLATE	1171013	*	*	*	*	*	*	*	*	*	1	1	1
38	FILTER AIR 20X20X2 DISP	1171231	4	4	4	*	*	*	*	*	*	*	*	*
38	TUBE FEEDER	1171228	*	*	*	40	40	40	*	*	*	*	*	*
39	BRACKET FAN 19"ZEE CHANNEL	1171212	*	*	*	*	*	*	*	*	*	1	1	1
39	FILTER AIR 16X20X2 DISP	1171230	4	4	4	*	*	*	*	*	*	*	*	*
39	VALVE TXV 11.0 NONBLD	1171858	*	*	*	1	1	1	*	*	*	*	*	*
40	PANEL CUTOFF BLWR	1171044	*	*	*	*	*	*	*	*	*	2	2	2
40	TRACK FILTER	1171491	1	1	1	*	*	*	*	*	*	*	*	*
40	VALVE TXV 8.0 NONBLD	1171862	*	*	*	1	1	1	*	*	*	*	*	*
41	ANGLE	1171014	1	1	1	*	*	*	*	*	*	*	*	*
41	WHEEL BD12x12x1-7/16 REV CV	1171052	*	*	*	2	2	2	*	*	*	*	*	*
42	COUPLING HALF	1171009	*	*	*	2	2	2	*	*	*	*	*	*
42	INDOOR FAN DECK	1171310	*	*	*	*	*	*	*	*	*	1	1	1
42	RAIL TOP	1171490	1	1	1	*	*	*	1	1	1	*	*	*
43	BRACE UPPER	1171060	1	1	1	*	*	*	*	*	*	*	*	*
43	FITTING ACCESS	1171507	*	*	*	2	2	2	*	*	*	*	*	*

PAE180 - 300 PARTS LIST (continued)

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43	RAIL TOP	1171490	*	*	*	*	*	*	*	*	*	1	1	1
44	BRACKET ASY BEARING	1171036	*	*	*	*	*	*	*	*	*	2	2	2
44	CONDUIT	1172139	3	3	3	*	*	*	*	*	*	*	*	*
44	CONNECTOR MALE COMPRESSION	1171157	*	*	*	1	1	1	*	*	*	*	*	*
45	BRACKET FAN 1.75"HAT CHANNEL	1171210	*	*	*	*	*	*	*	*	*	2	2	2
45	CAP FLARE	1172410	*	*	*	8	8	8	*	*	*	*	*	*
45	MTR COND 1/230 1/2	1171342	3	*	*	*	*	*	*	*	*	*	*	*
45	MTR COND 1/460 1/2	1171336	*	3	*	*	*	*	*	*	*	*	*	*
45	MTR COND 1/575V 1/2	1171778	*	*	3	*	*	*	*	*	*	*	*	*
46	CORE VALVE	1171508	*	*	*	6	6	6	*	*	*	*	*	*
46	GUARD FAN	1171266	3	3	3	*	*	*	*	*	*	*	*	*
46	TUBE	1171501	*	*	*	*	*	*	*	*	*	1	1	1
47	CLAMP OD FAN MOTOR	1171116	*	*	*	*	*	*	4	4	4	*	*	*
47	CORE VALVE	1173177	*	*	*	4	4	4	*	*	*	*	*	*
47	SCROLL FAN	1171224	*	*	*	*	*	*	*	*	*	2	2	2
48	BRACKET ASY MOTOR MOUNT	1171061	*	*	*	*	*	*	2	2	2	*	*	*
48	PLATE BLOWER SIDE	1171046	*	*	*	*	*	*	*	*	*	2	2	2
48	PLUG FUSIBLE 170F	1171403	*	*	*	2	2	2	*	*	*	*	*	*
49	GUARD FAN	1171272	*	*	*	*	*	*	2	2	2	*	*	*
49	PLATE BLOWER SIDE	1171047	*	*	*	*	*	*	*	*	*	2	2	2
49	TRANS 600>120/240 500VA	1171837	*	*	*	*	*	1	*	*	*	*	*	*
50	BEARING PILLOW BLOCK 1-7/16"	1171034	*	*	*	*	*	*	*	*	*	2	2	2
50	FILTER AIR 20X20X1 WASHABLE	1171243	*	*	*	1	1	1	*	*	*	*	*	*
50	MTR COND 3/230-460 1.5HP	1171869	*	*	*	*	*	*	2	2	*	*	*	*
50	MTR COND 3/230-460-575 1HP	1171343	*	*	*	*	*	*	*	*	2	*	*	*
51	CONNECTOR MALE COMPRESSION	1171157	*	*	*	*	*	*	*	*	*	1	1	1
51	FILTER AIR 20X25X1 WASHABLE	1171244	*	*	*	2	2	2	*	*	*	*	*	*
52	BRACKET FAN 7"ZEE CHANNEL	1171211	*	*	*	*	*	*	*	*	*	1	1	1
54	DECK FAN INDOOR	1171213	*	*	*	*	*	*	*	*	*	1	1	1
55	PAN FILTER	1171236	1	1	1	*	*	*	1	1	1	*	*	*
55	SHAFT BLR	1171225	*	*	*	*	*	*	*	*	*	1	1	1
56	BASE PAN	1171021	1	1	1	*	*	*	1	1	1	*	*	*
57	HEATER PAN	1171292	1	1	1	*	*	*	1	1	1	*	*	*
58	RAIL BASE	1171028	1	1	1	*	*	*	1	1	1	*	*	*
59	HTR CC WP 70W240V CH354	1171859	*	*	*	*	*	*	*	*	*	1	*	1
59	HTR CC WP 70W480V CH254-03	1171866	*	*	*	*	*	*	*	*	*	*	1	*
59	RAIL BASE	1171027	1	1	1	*	*	*	1	1	1	*	*	*
60	BASE PAN	1171022	1	1	1	*	*	*	1	1	1	*	*	*
60	HEATER CC WP 40W240V	1171850	*	*	*	*	*	*	*	*	*	2	*	2
60	HEATER CRANKCASE 460V	1173513	*	*	*	*	*	*	*	*	*	*	2	*
61	COIL	1173443	*	*	*	*	*	*	*	*	*	1	1	1
61	HEATER PAN	1171291	1	1	1	*	*	*	1	1	1	*	*	*
62	COIL	1173451	*	*	*	*	*	*	*	*	*	1	1	1
62	PAN CONDENSATE	1171517	1	1	1	*	*	*	1	1	1	*	*	*

PAE180 - 300 PARTS LIST (continued)

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63	CAP FLARE	1171101	*	*	*	*	*	*	*	*	*	7	7	7
63	PAN FILTER	1171237	1	1	1	*	*	*	1	1	1	*	*	*
64	ANGLE BASE RAIL	1171029	2	2	2	*	*	*	2	2	2	*	*	*
64	CORE VALVE	1171508	*	*	*	*	*	*	*	*	*	9	9	9
65	CORE VALVE	1173177	*	*	*	*	*	*	*	*	*	4	4	4
65	RAIL BASE	1171030	1	1	1	*	*	*	1	1	1	*	*	*
65	SPACER PLATE	1171459	1	1	1	*	*	*	1	1	1	*	*	*
66	SWITCH PRESS HI O426 C320	1171553	*	*	*	*	*	*	*	*	*	2	2	2
67	PLUG BUTTON 1" SS-48143	1171831	2	2	2	*	*	*	2	2	2	*	*	*
67	SWITCH PRESS LO O27 C44	1171868	*	*	*	*	*	*	*	*	*	2	2	2
71	BRACKET	1172141	1	1	1	*	*	*	1	1	1	*	*	*
71	CLAMP 7/8"ID	1171115	*	*	*	*	*	*	*	*	*	7	7	7
72	COMP ZRU140KC-TF5-980	1173465	*	*	*	*	*	*	*	*	*	1	*	*
72	COMP ZRU140KC-TFD-980	1173466	*	*	*	*	*	*	*	*	*	*	1	*
72	COMP ZRU140KC-TFE-980	1173467	*	*	*	*	*	*	*	*	*	*	*	1
73	COMP ZR144KC-TF5-950	1173471	*	*	*	*	*	*	*	*	*	1	*	*
73	COMP ZR144KC-TFD-950	1173472	*	*	*	*	*	*	*	*	*	*	1	*
73	COMP ZR144KC-TFE-950	1173473	*	*	*	*	*	*	*	*	*	*	*	1
73	PANEL	1171366	2	2	2	*	*	*	2	2	2	*	*	*
74	COVER FILTER ACCESS	1171319	1	1	1	*	*	*	1	1	1	*	*	*
75	BAFFLE FAN	1171209	1	1	1	*	*	*	1	1	1	*	*	*
75	FREEZE STAT O30 C45	1171252	*	*	*	*	*	*	*	*	*	2	2	2
76	SUPPORT TOP IFM ACCESS SIDE	1171847	1	1	1	*	*	*	1	1	1	*	*	*
77	COVER HEATER	1171178	1	1	1	*	*	*	1	1	1	*	*	*
77	HTR CC WP 70W240V CH254-00	1171861	*	*	*	2	*	*	*	*	*	*	*	*
77	HTR CC WP 70W480V CH254-03	1171866	*	*	*	*	2	2	*	*	*	*	*	*
78	CONDUIT FLEXIBLE	1172138	1	1	1	*	*	*	1	1	1	*	*	*
79	COVER INNER ELEC BOX	1171882	1	1	1	*	*	*	1	1	1	*	*	*
79	SCREW	1173427	*	*	*	*	*	*	*	*	*	10	10	10
80	NUT RIVET INSERT	1173527	*	*	*	*	*	*	*	*	*	10	10	10
80	PLUG BUTTON 1-1/2" SS-50834	1171100	1	1	1	*	*	*	2	2	2	*	*	*
81	CONNECTOR FEMALE COMPRESSION	1171138	*	*	*	1	1	1	*	*	*	*	*	*
81	DRIER 16 CI 1/2"IN & OUT	1171203	*	*	*	*	*	*	*	*	*	2	2	2
81	INSUL HEAT BAFFLE ASY	1171881	1	1	1	*	*	*	1	1	1	*	*	*
82	BOLT CARRIAGE	1171839	*	*	*	8	8	8	*	*	*	*	*	*
82	SUPPORT	1171465	1	1	1	*	*	*	1	1	1	*	*	*
83	BOLT BELT ADJ 5/16-18 X 15.5	1171055	*	*	*	2	2	2	*	*	*	*	*	*
84	GUARD FAN	1171273	1	1	1	*	*	*	1	1	1	*	*	*
85	STRAP FILTER	1172133	*	*	*	*	*	*	*	*	*	2	2	2
88	DECK FAN INDOOR	1171215	1	1	1	*	*	*	1	1	1	*	*	*
89	RETAINER OUTER FANSIDE PLATE	1172134	2	2	2	*	*	*	2	2	2	*	*	*
90	DECK FAN INDOOR	1171213	1	1	1	*	*	*	1	1	1	*	*	*
90	PLUG FUSIBLE 170F	1171403	*	*	*	*	*	*	*	*	*	2	2	2
91	COIL	1173452	*	*	*	*	*	*	*	*	*	1	1	1

PAE180 - 300 PARTS LIST (continued)

KEY NO.	DESCRIPTION	FAST PARTS NO.	PARTS LIST											
			PAE180H000AA	PAE180L000AA	PAE180S000AA	PAE210H000AA	PAE210L000AA	PAE210S000AA	PAE240H000AA	PAE240L000AA	PAE240S000AA	PAE300H000AA	PAE300L000AA	PAE300S000AA
91	PLATE BLOWER SIDE	1171047	2	2	2	*	*	*	2	2	2	*	*	*
92	PLATE BLOWER SIDE	1171046	2	2	2	*	*	*	2	2	2	*	*	*
93	INDOOR FAN DECK	1171310	1	1	1	*	*	*	1	1	1	*	*	*
94	PANEL CUTOFF BLWR	1171044	2	2	2	*	*	*	2	2	2	*	*	*
94	PANEL TOP EVAP	1171360	*	*	*	*	*	*	*	*	*	1	1	1
95	BEARING PILLOW BLOCK 1-7/16"	1171034	2	2	2	*	*	*	2	2	2	*	*	*
96	CONNECTOR MALE COMPRESSION	1171157	1	1	1	*	*	*	1	1	1	*	*	*
97	BRACKET FAN 1.75"HAT CHANNEL	1171210	2	2	2	*	*	*	2	2	2	*	*	*
98	SCROLL FAN	1171224	2	2	2	*	*	*	2	2	2	*	*	*
99	BRACKET ASY BEARING	1171036	2	2	2	*	*	*	2	2	2	*	*	*
100	TUBE	1171501	1	1	1	*	*	*	1	1	1	*	*	*
101	ANGLE MOTOR MOUNTING PLATE	1171013	1	1	1	*	*	*	*	1	1	*	*	*
101	POST CENTER	1171083	*	*	*	*	*	*	*	*	*	6	6	6
102	BRACKET EVAP MOTOR	1171075	1	1	1	*	*	*	1	1	1	*	*	*
102	LATCH ASSEMBLY	1171019	*	*	*	*	*	*	*	*	*	8	8	8
103	MOTOR PLATE	1171346	1	1	1	*	*	*	1	1	1	*	*	*
103	PANEL CENTER ACCESS	1171378	*	*	*	*	*	*	*	*	*	2	2	2
104	BAFFLE FAN	1171209	*	*	*	*	*	*	*	*	*	1	1	1
104	MTR BLT 3/200-460 7.5 1745	1171216	*	*	*	*	*	*	1	1	*	*	*	*
104	MTR BLT 3/208-460 5.0 1745	1170542	1	1	1	*	*	*	*	*	*	*	*	*
104	MTR BLT 3/575 5HP	1171852	*	*	1	*	*	*	*	*	*	*	*	*
104	MTR BLT 3/575 7.5HP	1171854	*	*	*	*	*	*	*	*	1	*	*	*
105	PANEL INDOOR ACCESS	1171379	*	*	*	*	*	*	*	*	*	2	2	2
105	PULLEY 1 1/8 X 5.6 1VC62	1171838	1	1	1	*	*	*	*	*	*	*	*	*
105	PULLEY 1 3/8 X 6.55 1VP68	1171416	*	*	*	*	*	*	1	1	1	*	*	*
106	BRACKET EVAP MOTOR	1171076	1	1	1	*	*	*	1	1	1	*	*	*
106	COVER FILTER ACCESS	1171319	*	*	*	*	*	*	*	*	*	1	1	1
107	CORNER POST IFM ACCESS SIDE	1171408	*	*	*	*	*	*	*	*	*	1	1	1
107	UPRIGHT INDOOR FAN MOTOR	1171226	1	1	1	*	*	*	1	1	1	*	*	*
108	GUARD FAN	1171799	*	*	*	*	*	*	1	1	1	*	*	*
108	PLATE 25% AIR	1171392	*	*	*	*	*	*	*	*	*	1	1	1
108	PLATE MOTOR	1171400	*	1	1	*	*	*	*	*	*	*	*	*
109	BELT V B50 53"	1171811	1	1	1	*	*	*	*	*	*	*	*	*
109	BELT V BX54 57"	1171038	*	*	*	*	*	*	1	1	1	*	*	*
109	SLIDER 25% AIR	1171457	*	*	*	*	*	*	*	*	*	1	1	1
110	BUSHING HEYCO 2" 2400	1171823	2	2	2	*	*	*	2	2	2	*	*	*
110	PANEL	1171361	*	*	*	*	*	*	*	*	*	1	1	1
111	CORNER POST	1171171	*	*	*	*	*	*	*	*	*	1	1	1
111	KEY	1171321	1	1	1	*	*	*	1	1	1	*	*	*
112	BAFFLE	1171017	*	*	*	*	*	*	*	*	*	1	1	1
112	PULLEY 1 7/16 X 9.75 BK100	1171419	1	1	1	*	*	*	1	1	1	*	*	*
113	BRACKET FAN 7"ZEE CHANNEL	1171211	1	1	1	*	*	*	1	1	1	*	*	*
114	CONNECTOR FEMALE COMPRESSION	1171138	1	1	1	*	*	*	1	1	1	*	*	*
115	BRACKET FAN 19"ZEE CHANNEL	1171212	1	1	1	*	*	*	1	1	1	*	*	*

PAE180 - 300 PARTS LIST (continued)

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAE180H000AA	PAE180L000AA	PAE180S000AA	PAE210H000AA	PAE210L000AA	PAE210S000AA	PAE240H000AA	PAE240L000AA	PAE240S000AA	PAE300H000AA	PAE300L000AA	PAE300S000AA
116	ANGLE BASE RAIL	1171029	*	*	*	*	*	*	*	*	*	2	*	2
117	RAIL BASE	1171030	*	*	*	*	*	*	*	*	*	1	1	1
117	WHEEL BD12x12x1-7/16 REV CV	1171052	2	2	2	*	*	*	2	2	2	*	*	*
118	PAN FILTER	1171236	*	*	*	*	*	*	*	*	*	1	1	1
118	SHAFT BLR	1171225	1	1	1	*	*	*	1	1	1	*	*	*
119	PAN FILTER	1171237	*	*	*	*	*	*	*	*	*	1	1	1
120	PAN CONDENSATE	1171517	*	*	*	*	*	*	*	*	*	1	1	1
121	BASE PAN	1171021	*	*	*	*	*	*	*	*	*	1	1	1
121	STRAP FILTER	1172133	2	2	2	*	*	*	2	2	2	*	*	*
122	DRIER 16 CI 1/2"IN & OUT	1171203	2	2	2	*	*	*	2	2	2	*	*	*
122	HEATER PAN	1171292	*	*	*	*	*	*	*	*	*	1	1	1
123	COMP ZR108KC-TF5-950	1171153	*	*	*	*	*	*	1	*	*	*	*	*
123	COMP ZR108KC-TFD-950	1171152	*	*	*	*	*	*	*	1	*	*	*	*
123	COMP ZR108KC-TFE-930	1171848	*	*	*	*	*	*	*	*	1	*	*	*
123	COMP ZR72KC-TF5-950	1171864	1	*	*	*	*	*	*	*	*	*	*	*
123	COMP ZR72KC-TFD-930	1171849	*	1	*	*	*	*	*	*	*	*	*	*
123	COMP ZR72KC-TFE-950	1171865	*	*	1	*	*	*	*	*	*	*	*	*
123	HEATER PAN	1171291	*	*	*	*	*	*	*	*	*	1	1	1
124	BASE PAN	1171022	*	*	*	*	*	*	*	*	*	1	1	1
124	CLAMP 7/8"ID	1171115	2	2	2	*	*	*	2	2	2	*	*	*
125	RAIL COMPRESSOR	1171140	2	2	2	*	*	*	2	2	2	*	*	*
126	HTR CC WP 70W240V CH354	1171859	1	*	1	*	*	*	2	*	2	*	*	*
126	HTR CC WP 70W480V CH254-03	1171866	*	1	*	*	*	*	*	2	*	*	*	*
127	BAFFLE	1171016	*	*	*	*	*	*	*	*	*	1	1	1
127	HEATER CC WP 40W240V	1171850	1	*	1	*	*	*	*	*	*	*	*	*
127	HTR CC WP 40W460V CH-245-7	1171827	*	1	*	*	*	*	*	*	*	*	*	*
128	CORE VALVE	1171508	9	9	9	*	*	*	9	9	9	*	*	*
128	COVER HOOD TOP	1171183	*	*	*	*	*	*	*	*	*	1	1	1
129	BRACKET FILTER	1171241	*	*	*	*	*	*	*	*	*	1	1	1
129	SWITCH PRESS LO O27 C44	1171868	2	2	2	*	*	*	2	2	2	*	*	*
130	ANGLE FILTER RETAINER	1171015	*	*	*	*	*	*	*	*	*	1	1	1
130	CAP FLARE	1171101	7	7	7	*	*	*	7	7	7	*	*	*
131	BRACKET FILTER	1171084	*	*	*	*	*	*	*	*	*	1	1	1
132	PAN HOOD DRAIN	1171358	*	*	*	*	*	*	*	*	*	1	1	1
133	FREEZE STAT O30 C45	1171252	2	2	2	*	*	*	2	2	2	*	*	*
133	PANEL HOOD SIDE RIGHT	1171380	*	*	*	*	*	*	*	*	*	1	1	1
134	COIL EVAP	1171798	*	*	*	*	*	*	1	1	1	*	*	*
134	EVAP P*E180	1171863	1	1	1	*	*	*	*	*	*	*	*	*
134	PANEL HOOD SIDE LEFT	1171381	*	*	*	*	*	*	*	*	*	1	1	1
135	GROMMET COMPRESSOR 1.62"DIA	1171268	8	8	8	*	*	*	8	8	8	*	*	*
135	PLUG FUSIBLE 170F	1171403	*	*	*	*	*	*	2	*	*	*	*	*
136	BOLT CARRIAGE	1171839	8	8	8	*	*	*	8	8	8	*	*	*
136	SPACER PLATE	1171459	*	*	*	*	*	*	*	*	*	1	1	1
137	SWITCH PRESS HI O426 C320	1171303	2	2	2	*	*	*	2	2	2	*	*	*

PAE180 - 300 PARTS LIST (continued)

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAE180H000AA	PAE180L000AA	PAE180S000AA	PAE210H000AA	PAE210L000AA	PAE210S000AA	PAE240H000AA	PAE240L000AA	PAE240S000AA	PAE300H000AA	PAE300L000AA	PAE300S000AA
138	PLUG FUSIBLE 170F	1171403	2	2	2	*	*	*	*	2	2	*	*	*
139	COND P*E180/240	1171857	1	1	1	*	*	*	1	1	1	*	*	*
140	COMP ZR125KC-TF5-930	1171144	*	*	*	*	*	*	1	*	*	*	*	*
140	COMP ZR125KC-TFD-930	1171147	*	*	*	*	*	*	*	1	*	*	*	*
140	COMP ZR125KC-TFE-930	1171853	*	*	*	*	*	*	*	*	1	*	*	*
140	COMP ZR94KC-TF5-950	1171155	1	*	*	*	*	*	*	*	*	*	*	*
140	COMP ZR94KC-TFD-950	1171154	*	1	*	*	*	*	*	*	*	*	*	*
140	COMP ZR94KC-TFE-930	1171856	*	*	1	*	*	*	*	*	*	*	*	*
144	BOARD TERMINAL LO VOLT 8P	1171488	1	1	1	*	*	*	1	1	1	*	*	*
145	FUSE HOLDER HPF 30A 600V	1171258	*	2	2	*	*	*	*	*	*	*	*	*
145	FUSE HOLDER HPS-FF 30A 300V	1171259	2	*	*	*	*	*	3	*	*	*	*	*
146	FUSE KTK-3 1/2 3.5A 600V	1171098	*	2	*	*	*	*	*	*	*	*	*	*
146	FUSE KTK-3 1/2 3.5A 600V	1171098	*	*	2	*	*	*	*	*	*	*	*	*
146	FUSE SC-25 25A 600V	1171253	2	*	*	*	*	*	3	*	*	*	*	*
147	BUSHING HEYCO 1-3/32" 2166	1171829	7	7	7	*	*	*	6	1	1	*	*	*
148	TERMINAL BLOCK	1171485	1	*	*	*	*	*	1	*	*	*	*	*
148	TERMINAL BLOCK 1P 175A 600V	1171486	*	1	1	*	*	*	*	1	1	*	*	*
149	CONTACTOR	1171818	*	3	*	*	*	*	*	*	*	*	*	*
149	CONTACTOR 2P 40A 24V	1171815	1	*	*	*	*	*	*	*	*	*	*	*
149	CONTACTOR 2P 40A 24V	1171158	*	*	*	*	*	*	1	*	*	*	*	*
149	CONTACTOR 3P 40A 24V	1171161	*	*	3	*	*	*	*	4	4	*	*	*
151	BREAKER 10A 3 POLE 600V	1171812	*	*	*	*	*	*	*	*	1	*	*	*
151	BREAKER 12A 3 POLE 600V	1171081	*	*	*	*	*	*	*	1	*	*	*	*
151	BREAKER 14.6A 3 POLE 48V	1171816	1	*	*	*	*	*	*	*	*	*	*	*
151	BREAKER 22A 3 POLE 240V	1171082	*	*	*	*	*	*	1	*	*	*	*	*
151	BREAKER 23A 3 POLE 600V	1170545	*	1	*	*	*	*	*	*	*	*	*	*
151	BREAKER 6A 3 POLE 480V	1171817	*	*	1	*	*	*	*	*	*	*	*	*
151	INSUL HEAT BAFFLE ASY	1171881	*	*	*	*	*	*	*	*	*	1	1	1
152	BARRIER FUSE	1171020	*	*	*	*	*	*	*	*	*	1	1	1
152	BUSHING HEYCO 7/8" 2126	1171828	3	3	3	*	*	*	3	3	3	*	*	*
153	CAP RN OV 370V 10	1171108	3	3	3	*	*	*	*	*	*	*	*	*
153	CHANNEL DUCT	1171111	*	*	*	*	*	*	*	*	*	1	1	1
153	CONTACTOR 2P 30A 24V	1171163	1	*	*	*	*	*	*	*	*	*	*	*
154	COVER HEATER	1171178	*	*	*	*	*	*	*	*	*	1	1	1
154	STRAP FORMED	1172132	1	1	1	*	*	*	*	*	*	*	*	*
155	BARRIER 24V	1171001	1	1	1	*	*	*	1	1	1	*	*	*
155	GUARD FAN	1171273	*	*	*	*	*	*	*	*	*	2	2	2
156	BREAKER 3.2A 1 POLE 250V	1171114	1	1	1	*	*	*	1	1	1	*	*	*
157	LUG GROUND 14-2/0	1171822	1	1	1	*	*	*	1	1	1	*	*	*
158	CONTACTOR 3P 60A 240V	1171162	*	*	*	*	*	*	1	*	*	*	*	*
158	COVER INNER ELEC BOX	1171882	*	*	*	*	*	*	*	*	*	1	1	1
159	CONTACTOR 3P 40A 240V	1171159	*	*	*	*	*	*	1	*	*	*	*	*
159	CONTACTOR 3P 40A 24V	1171161	2	*	*	*	*	*	*	*	*	*	*	*
160	BRACKET CIRCUIT BREAKER	1172140	1	1	1	*	*	*	1	1	1	*	*	*

PAE180 - 300 PARTS LIST (continued)

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAE180H000AA	PAE180L000AA	PAE180S000AA	PAE210H000AA	PAE210L000AA	PAE210S000AA	PAE240H000AA	PAE240L000AA	PAE240S000AA	PAE300H000AA	PAE300L000AA	PAE300S000AA
161	BUSHING HEYCO 2-1/2" 2420	1171824	4	4	4	*	*	*	4	6	6	*	*	*
161	POST CONDENSER	1173534	*	*	*	*	*	*	*	*	*	1	1	1
162	CONTROL BOX	1171167	1	1	1	*	*	*	1	1	1	*	*	*
162	POST CONDENSER	1173535	*	*	*	*	*	*	*	*	*	1	1	1
163	PANEL CONDENSER	1173529	*	*	*	*	*	*	*	*	*	1	1	1
163	RELAY COMP LOCKOUT	1171437	2	2	2	*	*	*	2	2	2	*	*	*
164	GRILLE OUTDOOR COIL	1173498	*	*	*	*	*	*	*	*	*	2	2	2
164	RELAY 24V DPST 9400-03Q228	1171436	3	3	3	*	*	*	3	*	*	*	*	*
164	RELAY 24V SPDT R8222B1117	1171806	*	*	*	*	*	*	*	2	*	*	*	*
164	RELAY DPDT 6FLA 24V	1171813	*	*	*	*	*	*	*	*	2	*	*	*
165	CONTACTOR 2P 20A 24V	1171160	*	*	*	*	*	*	1	*	*	*	*	*
165	CONTACTOR 2P 30A 24V	1171163	*	1	1	*	*	*	*	*	*	*	*	*
165	PANEL OUTDOOR COIL	1173531	*	*	*	*	*	*	*	*	*	2	2	2
166	PANEL CONDENSER	1173530	*	*	*	*	*	*	*	*	*	1	1	1
166	TRANS 600>120/240 500VA	1171837	*	*	1	*	*	*	*	*	1	*	*	*
167	OUTDOOR FAN DECK	1171354	*	*	*	*	*	*	*	*	*	2	2	2
167	RELAY 24V DPST 9400-03Q228	1171436	*	*	*	*	*	*	*	1	*	*	*	*
167	RELAY 24V DPST 9400-03Q228	1171436	*	*	*	*	*	*	*	*	1	*	*	*
168	CAP TOP	1173430	*	*	*	*	*	*	*	*	*	1	1	1
168	TRANS 200/230/460>24 75VA	1171498	1	1	1	*	*	*	1	1	1	*	*	*
170	FUSE KTK-3 1/2 3.5A 600V	1171098	*	*	*	*	*	*	*	2	2	*	*	*
171	FUSE HOLDER HPF 30A 600V	1171258	*	*	*	*	*	*	*	2	2	*	*	*
172	BRACKET FUSE	1171256	*	*	*	*	*	*	1	*	*	*	*	*
174	SUPPORT TOP	1173549	*	*	*	*	*	*	*	*	*	1	1	1
189	SUPPORT DECK	1171189	*	*	*	*	*	*	*	*	*	4	4	4
202	STRAP FORMED	1172132	*	*	*	*	*	*	*	*	*	2	2	2
204	CONTROL BOX	1171167	*	*	*	*	*	*	*	*	*	1	1	1
205	BRACKET CIRCUIT BREAKER	1172140	*	*	*	*	*	*	*	*	*	1	1	1
208	CAP RN OV 370V 10	1171108	*	*	*	*	*	*	*	*	*	6	6	6
209	BREAKER 3.2A 1 POLE 250V	1171114	*	*	*	*	*	*	*	*	*	2	2	2
210	CONTACTOR 2P 20A 24V	1171160	*	*	*	*	*	*	*	*	*	2	2	2
211	RELAY DPDT 6FLA 24V	1171813	*	*	*	*	*	*	*	*	*	2	2	2
212	RELAY COMP LOCKOUT	1171437	*	*	*	*	*	*	*	*	*	3	3	3
213	TRANS 200/230/460>24 75VA	1171498	*	*	*	*	*	*	*	*	*	2	2	2
214	TERMINAL BOARD	1173187	*	*	*	*	*	*	*	*	*	1	1	1
215	LUG GROUND 14-2/0	1171822	*	*	*	*	*	*	*	*	*	1	1	1
217	BUSHING HEYCO 1-3/32" 2166	1171829	*	*	*	*	*	*	*	*	*	9	9	9
218	BUSHING HEYCO 2-1/2" 2420	1171824	*	*	*	*	*	*	*	*	*	5	5	5
219	BUSHING HEYCO 2" 2400	1171823	*	*	*	*	*	*	*	*	*	2	2	2
220	BREAKER 12A 3 POLE 600V	1171081	*	*	*	*	*	*	*	*	*	*	*	1
220	BREAKER 14.6A 3 POLE 48V	1171816	*	*	*	*	*	*	*	*	*	*	1	*
220	BREAKER CIRCUIT	1173182	*	*	*	*	*	*	*	*	*	1	*	*
221	CONTACTOR 3P 40A 24V	1172449	*	*	*	*	*	*	*	*	*	3	2	2
222	CONTACTOR 3P 25A 24V	1173184	*	*	*	*	*	*	*	*	*	*	2	2

PAE180 - 300 PARTS LIST (continued)

KEY NO.	DESCRIPTION	FAST PARTS NO.	PARTS LIST											
			PAE180H000AA	PAE180L000AA	PAE180S000AA	PAE210H000AA	PAE210L000AA	PAE210S000AA	PAE240H000AA	PAE240L000AA	PAE240S000AA	PAE300H000AA	PAE300L000AA	PAE300S000AA
222	CONTACTOR 3P 50A 24V	1173477	*	*	*	*	*	*	*	*	*	1	*	*
223	FUSE	1173492	*	*	*	*	*	*	*	*	*	2	*	*
223	FUSE KTK-3 1/2 3.5A 600V	1171098	*	*	*	*	*	*	*	*	*	*	2	2
224	FUSE	1173491	*	*	*	*	*	*	*	*	*	2	*	*
224	FUSE HOLDER HPF 30A 600V	1171258	*	*	*	*	*	*	*	*	*	*	2	2
225	TERMINAL BLOCK	1171485	*	*	*	*	*	*	*	*	*	1	1	1
226	TRANS 600>120/240 500VA	1171837	*	*	*	*	*	*	*	*	*	*	*	1
227	RELAY 24V DPST 9400-03Q228	1171436	*	*	*	*	*	*	*	*	*	1	1	1
230	PLUG BUTTON 1" SS-48143	1171831	*	*	*	*	*	*	*	*	*	4	4	4
AA	DECK FAN INDOOR	1171213	*	*	*	1	1	1	*	*	*	*	*	*
AB	DECK FAN INDOOR	1171215	*	*	*	1	1	1	*	*	*	*	*	*
AC	INDOOR FAN DECK	1171310	*	*	*	1	1	1	*	*	*	*	*	*
AD	OUTDOOR FAN DECK	1171354	*	*	*	1	1	1	*	*	*	*	*	*
AE	UPRIGHT INDOOR FAN MOTOR	1171226	*	*	*	1	1	1	*	*	*	*	*	*
AF	FILTER PACKAGE	1171235	*	*	*	1	1	1	*	*	*	*	*	*
AG	GUARD FAN	1171266	*	*	*	3	3	3	*	*	*	*	*	*
AH	PANEL HOOD SIDE RIGHT	1171380	*	*	*	1	1	1	*	*	*	*	*	*
AJ	PANEL HOOD SIDE LEFT	1171381	*	*	*	1	1	1	*	*	*	*	*	*
AK	PLATE 25% AIR	1171392	*	*	*	1	1	1	*	*	*	*	*	*
AL	COVER HEATER	1171178	*	*	*	1	1	1	*	*	*	*	*	*
AM	BASE PAN	1171022	*	*	*	1	1	1	*	*	*	*	*	*
AN	HEATER COVER	1171290	*	*	*	1	1	1	*	*	*	*	*	*
AP	HEAT BAFFLE	1171283	*	*	*	1	1	1	*	*	*	*	*	*
AQ	PANEL	1171361	*	*	*	1	1	1	*	*	*	*	*	*
AR	BAFFLE	1171017	*	*	*	1	1	1	*	*	*	*	*	*
AS	INSUL HEAT BAFFLE ASY	1171881	*	*	*	1	1	1	*	*	*	*	*	*
AT	PARTITION FAN	1171217	*	*	*	1	1	1	*	*	*	*	*	*
AU	PANEL TOP EVAP	1171360	*	*	*	1	1	1	*	*	*	*	*	*
AV	BAFFLE FAN	1171209	*	*	*	1	1	1	*	*	*	*	*	*
AW	COVER FILTER ACCESS	1171319	*	*	*	1	1	1	*	*	*	*	*	*
AX	LATCH ASSEMBLY	1171019	*	*	*	8	8	8	*	*	*	*	*	*
AY	PANEL CENTER ACCESS	1171378	*	*	*	2	2	2	*	*	*	*	*	*
AZ	PANEL OUTDOOR ACCESS	1171377	*	*	*	2	2	2	*	*	*	*	*	*
BA	PANEL INDOOR ACCESS	1171379	*	*	*	2	2	2	*	*	*	*	*	*
BB	PLATE BLOCKOFF	1171042	*	*	*	1	1	1	*	*	*	*	*	*
BC	MOTOR PLATE	1171346	*	*	*	1	1	1	*	*	*	*	*	*
BD	PANEL	1171366	*	*	*	2	2	2	*	*	*	*	*	*
BE	PLATE BLOWER SIDE	1171046	*	*	*	2	2	2	*	*	*	*	*	*
BF	PLATE BLOWER SIDE	1171047	*	*	*	2	2	2	*	*	*	*	*	*
BG	PLATE MOTOR	1171400	*	*	*	1	1	1	*	*	*	*	*	*
BH	SPACER PLATE	1171459	*	*	*	1	1	1	*	*	*	*	*	*
BJ	POST CENTER	1171083	*	*	*	4	4	4	*	*	*	*	*	*
BK	POST CONDENSER CTRL BOX SIDE	1171411	*	*	*	1	1	1	*	*	*	*	*	*
BL	POST CORNER	1171176	*	*	*	1	1	1	*	*	*	*	*	*

PAE180 - 300 PARTS LIST (continued)

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAE180H000AA	PAE180L000AA	PAE180S000AA	PAE210H000AA	PAE210L000AA	PAE210S000AA	PAE240H000AA	PAE240L000AA	PAE240S000AA	PAE300H000AA	PAE300L000AA	PAE300S000AA
			*	*	*	*	*	*	*	*	*	*	*	*
BM	CORNER POST	1171171	*	*	*	1	1	1	*	*	*	*	*	*
BN	CORNER POST IFM ACCESS SIDE	1171408	*	*	*	1	1	1	*	*	*	*	*	*
BP	RAIL BASE	1171030	*	*	*	1	1	1	*	*	*	*	*	*
BQ	RAIL BASE	1171028	*	*	*	1	1	1	*	*	*	*	*	*
BR	RAIL BASE	1171027	*	*	*	1	1	1	*	*	*	*	*	*
BS	RAIL COMPRESSOR	1171140	*	*	*	2	2	2	*	*	*	*	*	*
BT	RAIL TOP	1171490	*	*	*	1	1	1	*	*	*	*	*	*
BU	RETAINER DRIP EDGE	1171204	*	*	*	1	1	1	*	*	*	*	*	*
BV	SCROLL FAN	1171224	*	*	*	2	2	2	*	*	*	*	*	*
BW	SLIDER 25% AIR	1171457	*	*	*	1	1	1	*	*	*	*	*	*
BX	STRAP FILTER	1172133	*	*	*	2	2	2	*	*	*	*	*	*
BY	STRAP FORMED	1172132	*	*	*	1	2	2	*	*	*	*	*	*
BZ	SUPPORT COIL	1172131	*	*	*	1	1	1	*	*	*	*	*	*
CA	SUPPORT COIL	1171468	*	*	*	1	1	1	*	*	*	*	*	*
CB	SUPPORT DECK	1171189	*	*	*	2	2	2	*	*	*	*	*	*
CC	SUPPORT LOWER	1171464	*	*	*	1	1	1	*	*	*	*	*	*
CD	SUPPORT	1171465	*	*	*	1	1	1	*	*	*	*	*	*
CE	SUPPORT TOP IFM ACCESS SIDE	1171847	*	*	*	1	1	1	*	*	*	*	*	*
CF	TRACK FILTER	1171492	*	*	*	3	3	3	*	*	*	*	*	*
CG	TRACK FILTER	1171491	*	*	*	1	1	1	*	*	*	*	*	*
CH	PAN CONDENSATE	1171517	*	*	*	1	1	1	*	*	*	*	*	*
CJ	PAN FILTER	1171236	*	*	*	1	1	1	*	*	*	*	*	*
CK	PAN FILTER	1171237	*	*	*	1	1	1	*	*	*	*	*	*
CL	HEATER PAN	1171292	*	*	*	1	1	1	*	*	*	*	*	*
CM	HEATER PAN	1171291	*	*	*	1	1	1	*	*	*	*	*	*
DE	TUBE	1171501	*	*	*	1	1	1	*	*	*	*	*	*
DF	BUSHING HEYCO 1-3/32" 2166	1171829	*	*	*	3	3	3	*	*	*	*	*	*
DG	BUSHING HEYCO 2" 2400	1171823	*	*	*	2	2	2	*	*	*	*	*	*
DH	PLUG BUTTON 1-1/2" SS-50834	1171100	*	*	*	1	1	1	*	*	*	*	*	*
DJ	CONDUIT FLEXIBLE	1172138	*	*	*	1	1	1	*	*	*	*	*	*
DK	BUSHING HEYCO 2-1/2" 2420	1171824	*	*	*	3	3	3	*	*	*	*	*	*
DL	PLUG BUTTON 1" SS-48143	1171831	*	*	*	4	*	*	*	*	*	*	*	*
A	ANGLE COIL	1171118	*	*	*	2	1	1	*	*	*	*	*	*
B	ANGLE BASE RAIL	1171029	*	*	*	2	2	2	*	*	*	*	*	*
C	BRACKET FILTER SUPPORT	1171085	*	*	*	1	1	1	*	*	*	*	*	*
D	ANGLE MOTOR MOUNTING PLATE	1171013	*	*	*	1	1	1	*	*	*	*	*	*
E	ANGLE	1171014	*	*	*	1	1	1	*	*	*	*	*	*
F	BASE PAN	1171021	*	*	*	1	1	1	*	*	*	*	*	*
G	BLOCKOFF	1175397	*	*	*	2	2	2	*	*	*	*	*	*
H	BRACE UPPER	1171060	*	*	*	1	1	1	*	*	*	*	*	*
J	BRACKET ASY BEARING	1171036	*	*	*	2	2	2	*	*	*	*	*	*
K	BRACKET	1172141	*	*	*	1	1	1	*	*	*	*	*	*
L	BRACKET CIRCUIT BREAKER	1172140	*	*	*	1	1	1	*	*	*	*	*	*
M	BRACKET FAN 1.75"HAT CHANNEL	1171210	*	*	*	2	2	2	*	*	*	*	*	*

PAE180 - 300 PARTS LIST (continued)

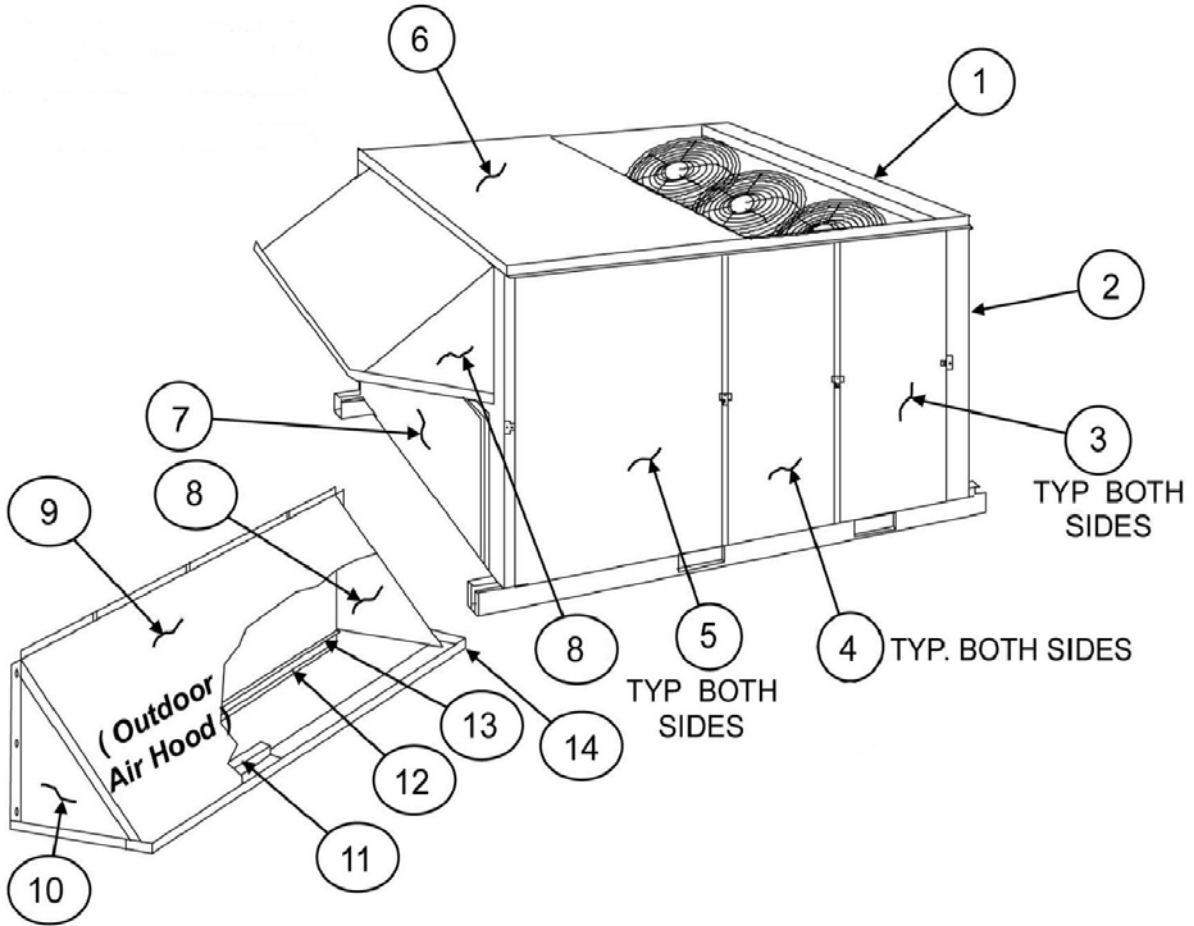
KEY NO.	DESCRIPTION	FAST PARTS NO.	PAE180H000AA	PAE180L000AA	PAE180S000AA	PAE210H000AA	PAE210L000AA	PAE210S000AA	PAE240H000AA	PAE240L000AA	PAE240S000AA	PAE300H000AA	PAE300L000AA	PAE300S000AA
			*	*	*	1	1	1	*	*	*	*	*	*
N	BRACKET FAN 7"ZEE CHANNEL	1171211	*	*	*	1	1	1	*	*	*	*	*	*
P	BRACKET FAN 19"ZEE CHANNEL	1171212	*	*	*	1	1	1	*	*	*	*	*	*
Q	BRACKET EVAP MOTOR	1171075	*	*	*	1	1	1	*	*	*	*	*	*
R	BRACKET EVAP MOTOR	1171076	*	*	*	1	1	1	*	*	*	*	*	*
S	CHANNEL DUCT	1171111	*	*	*	1	1	1	*	*	*	*	*	*
T	CONDUIT	1172139	*	*	*	3	3	3	*	*	*	*	*	*
U	CONTROL BOX	1171167	*	*	*	1	1	1	*	*	*	*	*	*
V	HOOD	1171298	*	*	*	1	1	1	*	*	*	*	*	*
V1	COVER HOOD TOP	1171183	*	*	*	1	*	*	*	*	*	*	*	*
V2	BRACKET FILTER	1171241	*	*	*	1	*	*	*	*	*	*	*	*
V3	ANGLE FILTER RETAINER	1171015	*	*	*	1	*	*	*	*	*	*	*	*
V4	BRACKET FILTER	1171084	*	*	*	1	*	*	*	*	*	*	*	*
V5	PAN HOOD DRAIN	1171358	*	*	*	1	*	*	*	*	*	*	*	*
W	COVER INNER ELEC BOX	1171882	*	*	*	1	1	1	*	*	*	*	*	*
X	PANEL TOP COND	1171489	*	*	*	1	1	1	*	*	*	*	*	*
Y	GUARD FAN	1171273	*	*	*	1	1	1	*	*	*	*	*	*
Z	PANEL CUTOFF BLWR	1171044	*	*	*	2	2	2	*	*	*	*	*	*
PARTS NOT SHOWN														
II	ADAPTER	1173420	*	*	*	*	*	*	*	*	*	2	2	2
II	ANGLE	1171014	*	*	*	*	*	*	1	1	1	*	*	*
II	BAFFLE	1171016	1	1	1	*	*	*	1	1	1	*	*	*
II	BAFFLE CONDENSER FAN	1171804	*	*	*	*	*	*	1	1	1	*	*	*
II	BRACE UPPER	1171060	*	*	*	*	*	*	1	1	1	*	*	*
II	BRACKET FILTER SUPPORT	1171085	1	1	1	*	*	*	1	1	1	1	1	1
II	BUSHING HEYCO 7/8" 2126	1171828	*	*	*	*	*	*	*	*	*	1	*	*
II	CLAMP TUBE	1173190	*	*	*	*	*	*	*	*	*	1	1	1
II	CONDUIT	1172139	*	*	*	*	*	*	*	*	*	6	6	6
II	CONDUIT FLEXIBLE	1172138	*	*	*	*	*	*	*	*	*	1	1	1
II	CONV KIT NAT>LP	AXB265LPA	1	1	1	*	*	*	1	1	1	*	*	*
II	COUPLING HALF	1171009	*	*	*	*	*	*	*	*	*	2	2	2
II	DISTRIBUTOR	1173485	*	*	*	*	*	*	*	*	*	2	2	2
II	DISTRIBUTOR 1-1/8"X(16)3/16"	1171802	1	1	1	*	*	*	1	1	1	*	*	*
II	DISTRIBUTOR 1-3/8"X(24)3/16"	1171851	1	1	1	*	*	*	1	1	1	*	*	*
II	FILTER AIR 16X20X2 DISP	1171229	*	*	*	*	*	*	4	4	4	*	*	*
II	FILTER AIR 20X20X1 WASHABLE	1171243	1	1	1	*	*	*	1	1	1	1	1	1
II	FILTER AIR 20X20X2 DISP	1171010	*	*	*	*	*	*	4	4	4	*	*	*
II	FILTER AIR 20X25X1 WASHABLE	1171244	2	2	2	*	*	*	2	2	2	2	2	2
II	FILTER PACKAGE	1171235	*	*	*	*	*	*	*	*	*	1	1	1
II	FITTING ACCESS	1171507	*	*	*	*	*	*	*	*	*	12	12	12
II	HARNESS	1173171	*	*	*	*	1	1	*	*	*	*	1	1
II	HARNESS	1173507	*	*	*	1	*	*	*	*	*	1	*	*
II	HARNESS ASY	1175460	*	*	*	1	*	*	*	*	*	*	*	*
II	HARNESS ASY	1175905	*	*	*	*	1	1	*	*	*	*	*	*
II	HARNESS ASY COND FAN	1173508	*	*	*	*	*	*	*	*	*	6	6	6

PAE180 - 300 PARTS LIST (continued)

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAE180H000AA	PAE180L000AA	PAE180S000AA	PAE210H000AA	PAE210L000AA	PAE210S000AA	PAE240H000AA	PAE240L000AA	PAE240S000AA	PAE300H000AA	PAE300L000AA	PAE300S000AA
]]	HOOD	1171298	*	*	*	*	*	*	*	*	*	1	1	1
]]	LATCH ASSEMBLY	1171019	8	8	8	*	*	*	8	8	8	*	*	*
]]	NOZZLE	1173175	*	*	*	*	*	*	*	*	*	2	2	2
]]	NOZZLE	1170582	1	1	1	*	*	*	*	*	*	*	*	*
]]	NOZZLE	1170583	1	1	1	*	*	*	*	*	*	*	*	*
]]	NOZZLE	1170586	*	*	*	*	*	*	1	1	1	*	*	*
]]	NOZZLE ORIFICE .2656"DIA C8	1171825	*	*	*	*	*	*	1	1	1	*	*	*
]]	PLATE 25% AIR	1171392	1	1	1	*	*	*	1	1	1	*	*	*
]]	PLATE MOTOR	1171400	1	*	*	*	*	*	1	1	1	1	1	1
]]	PLUG ASSEMBLY	1171404	1	1	1	1	1	1	1	1	1	*	*	*
]]	PLUG BUTTON 1-1/2" SS-50834	1171100	*	*	*	*	*	*	*	*	*	2	2	2
]]	PLUG BUTTON 5/16"	1171843	4	4	4	*	*	*	4	4	4	4	4	4
]]	PLUG BUTTON 7/8" SS-48155	1171830	1	1	1	*	*	*	1	1	1	1	1	1
]]	RECEPTACLE	1171430	1	1	1	*	*	*	1	1	1	1	1	1
]]	RETAINER DRIP EDGE	1171204	1	1	1	*	*	*	1	1	1	*	*	*
]]	RETAINER OUTER FANSIDE PLATE	1172134	*	*	*	*	*	*	*	*	*	2	2	2
]]	ADAPTER	1172142	1	1	1	*	*	*	1	1	1	*	*	*
]]	SLIDER 25% AIR	1171457	1	1	1	*	*	*	1	1	1	*	*	*
]]	SPACER	1171458	1	1	1	*	*	*	1	1	1	1	1	1
]]	SUPPORT DECK	1171189	2	2	2	*	*	*	*	*	*	*	*	*
]]	SUPPORT LOWER	1171464	*	*	*	*	*	*	1	1	1	*	*	*
]]	SUPPORT TOP	1173548	*	*	*	*	*	*	*	*	*	1	1	1
]]	TRACK FILTER	1171491	*	*	*	*	*	*	1	1	1	*	*	*
]]	TRACK FILTER	1171492	*	*	*	*	*	*	3	3	3	*	*	*
]]	TUBE FEEDER	1171228	40	40	40	*	*	*	40	40	40	40	40	40
]]	VALVE TXV 11.0 EBSVE-11-GA	1173561	*	*	*	*	*	*	*	*	*	2	2	2
]]	VALVE TXV 11.0 NONBLD	1171858	*	*	*	*	*	*	1	1	1	*	*	*
]]	VALVE TXV 8.0 NONBLD	1171860	1	1	1	*	*	*	1	1	1	*	*	*
]]	VALVE TXV 8.0 NONBLD	1171862	1	1	1	*	*	*	*	*	*	*	*	*
]]	WIRE HARNESS COMP	1173504	*	*	*	*	*	*	*	*	*	1	1	1
]]	WIRE HARNESS COMP	1173505	*	*	*	*	1	1	*	*	*	1	1	1

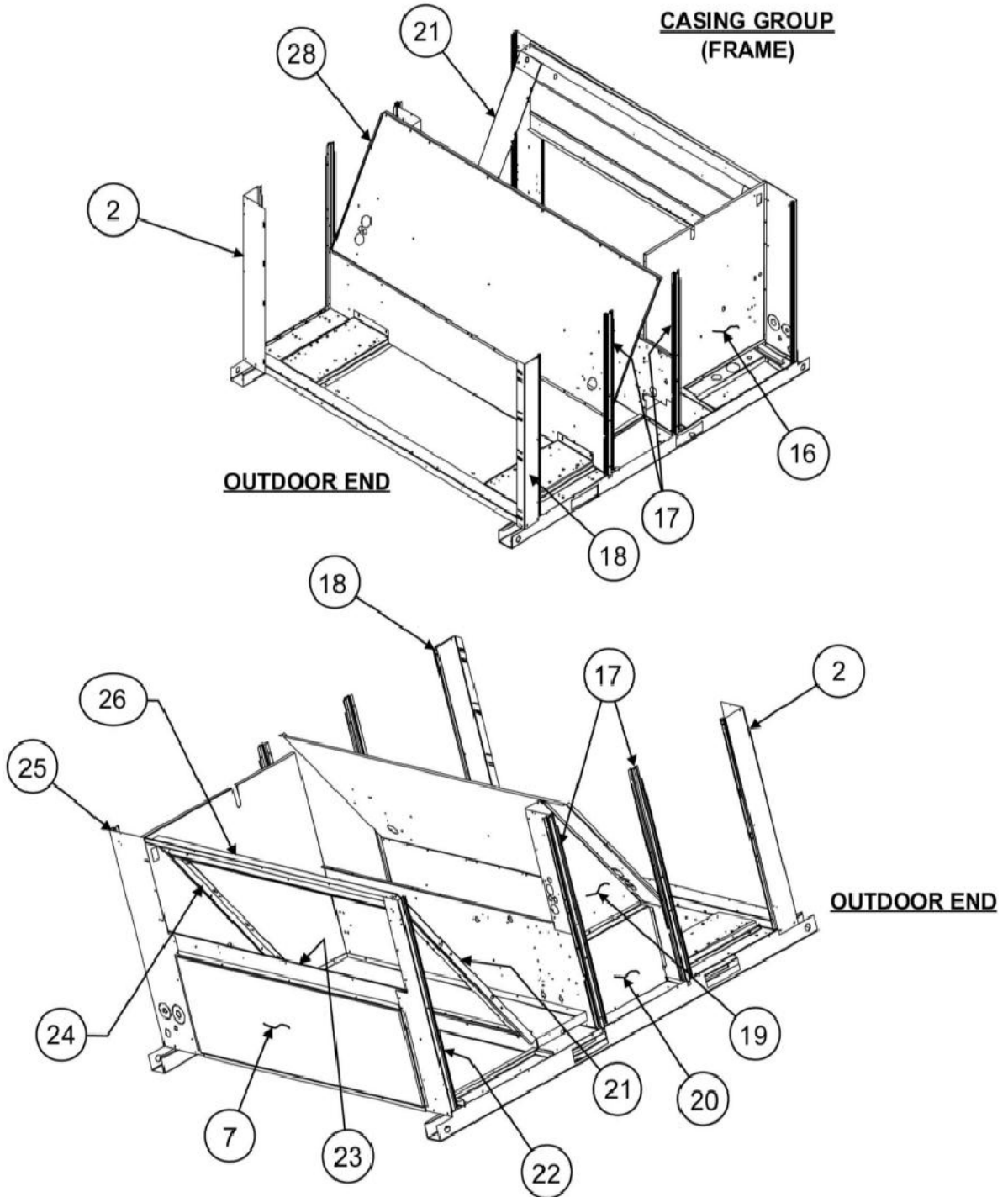
PAE180

NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.



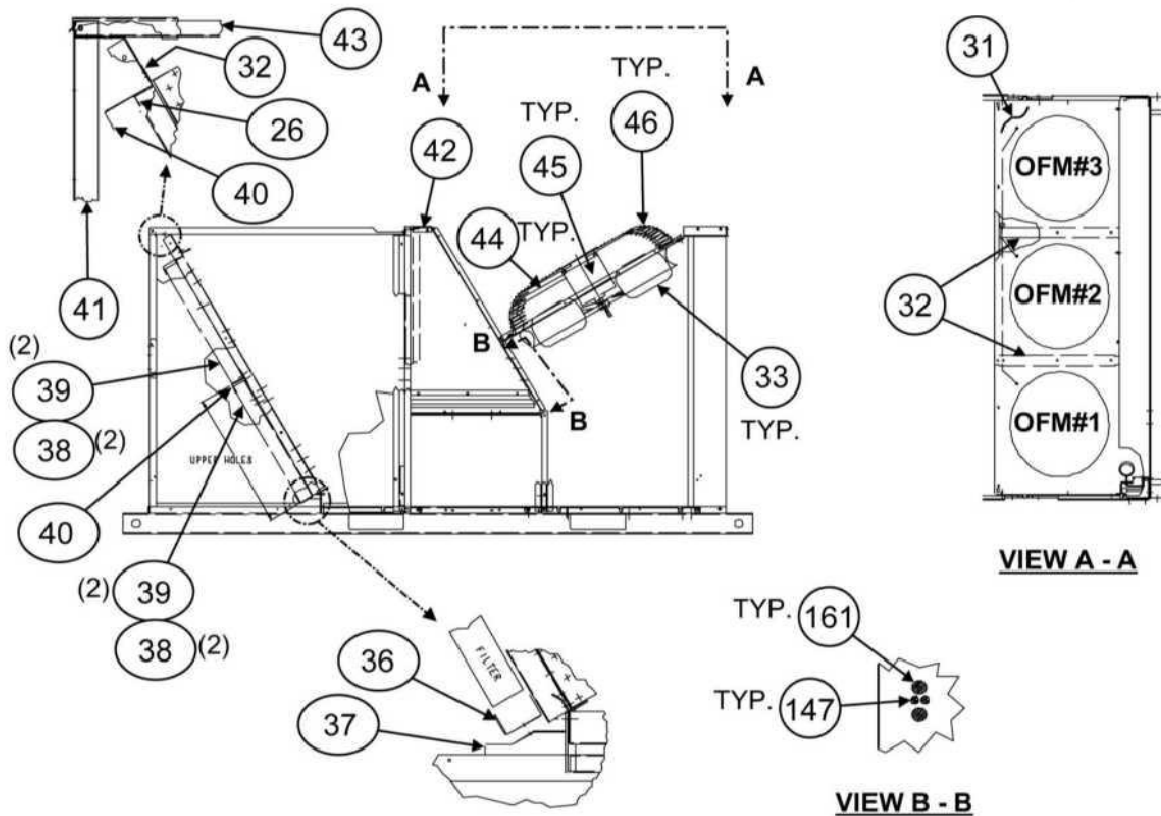
PAE180

NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.



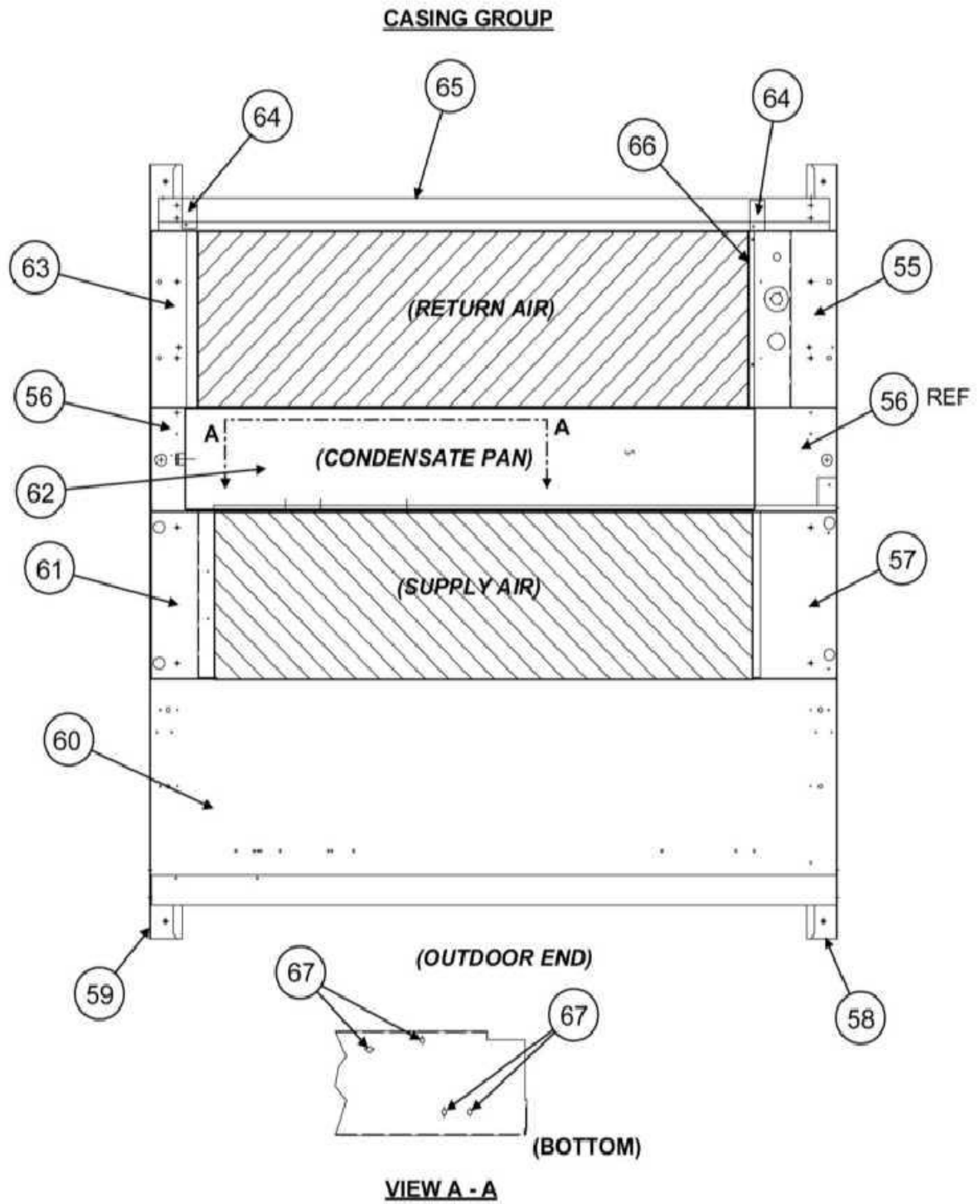
PAE180

NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.



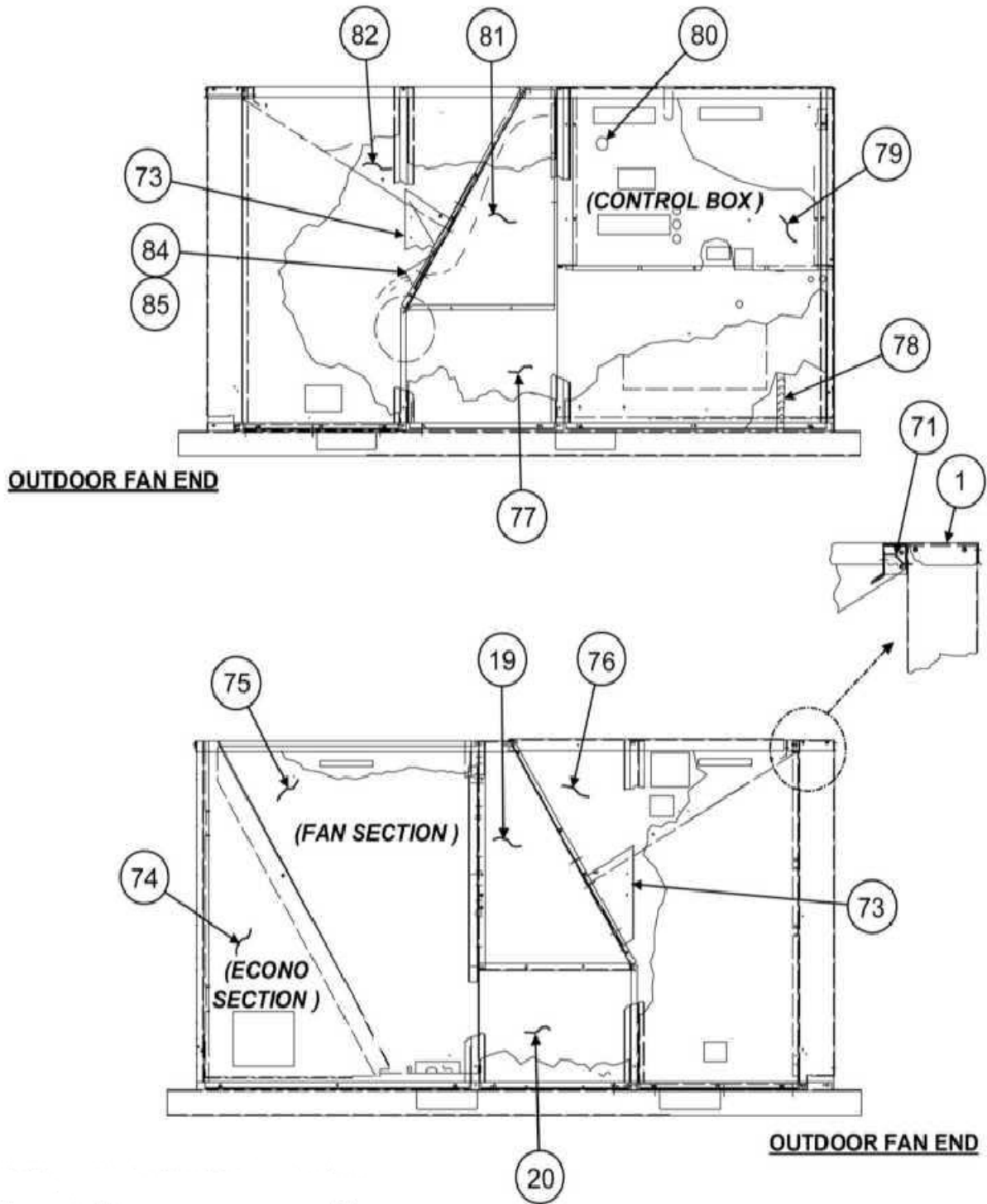
PAE180

NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.



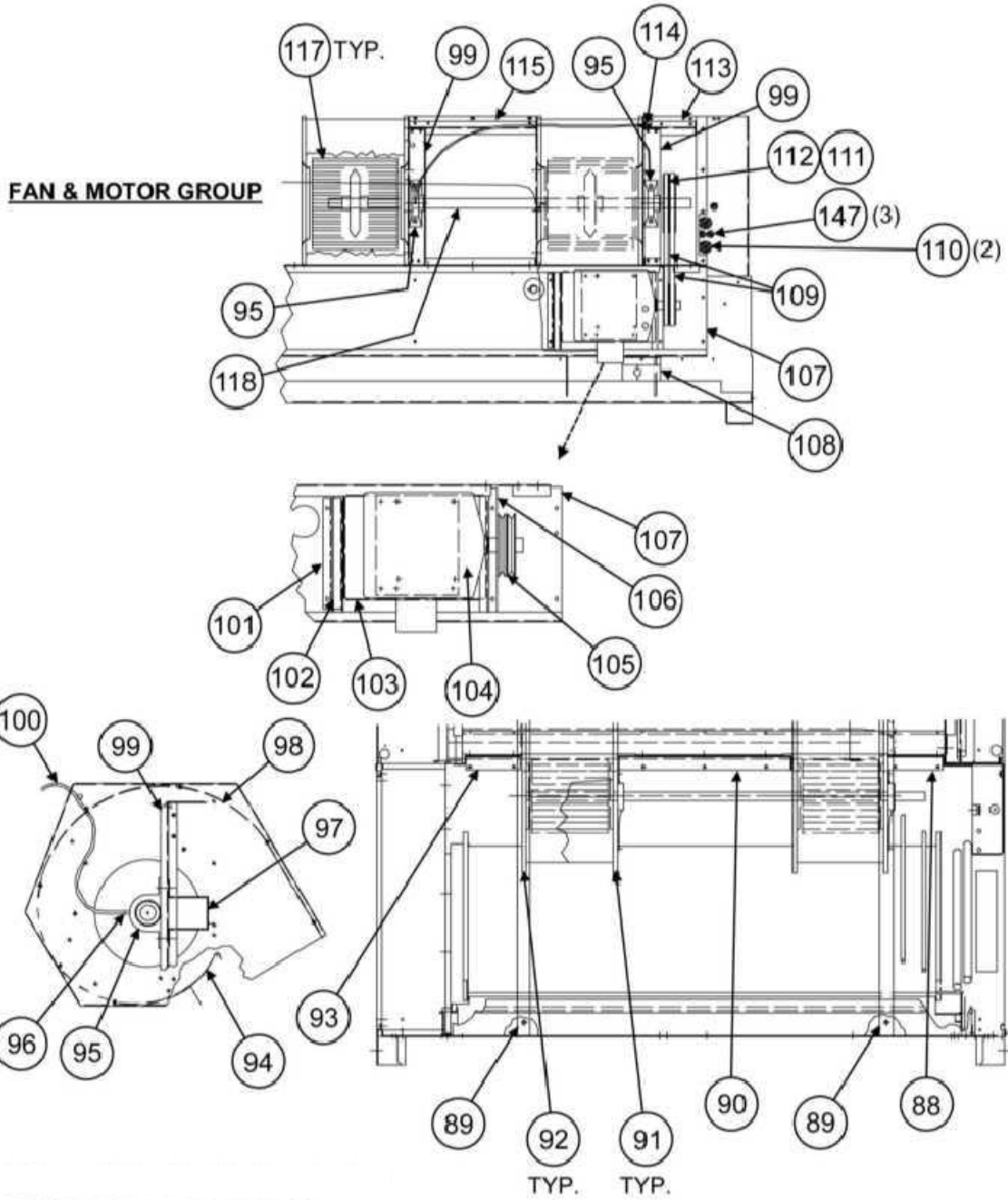
PAE180

NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.



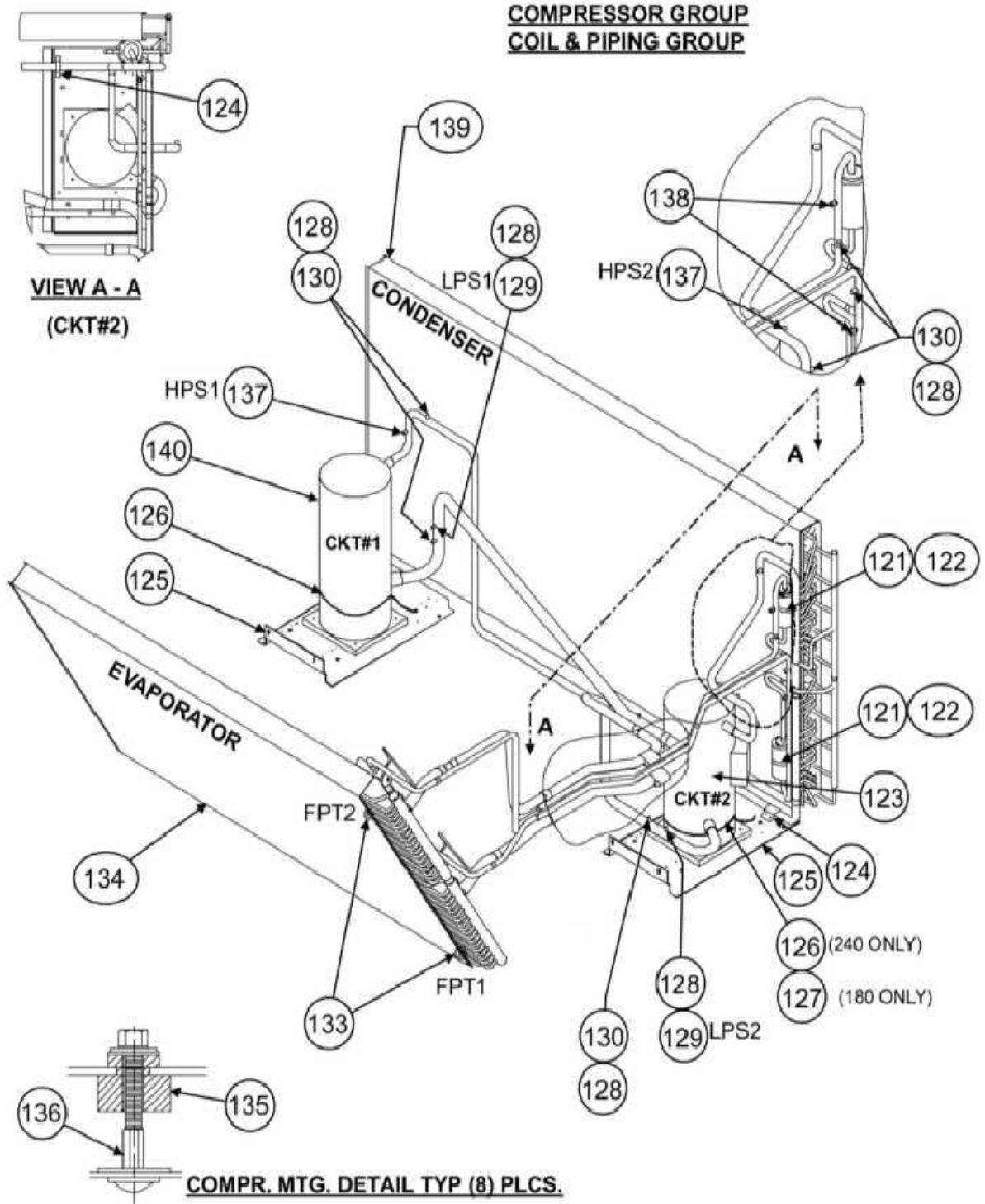
PAE180

NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.



PAE180

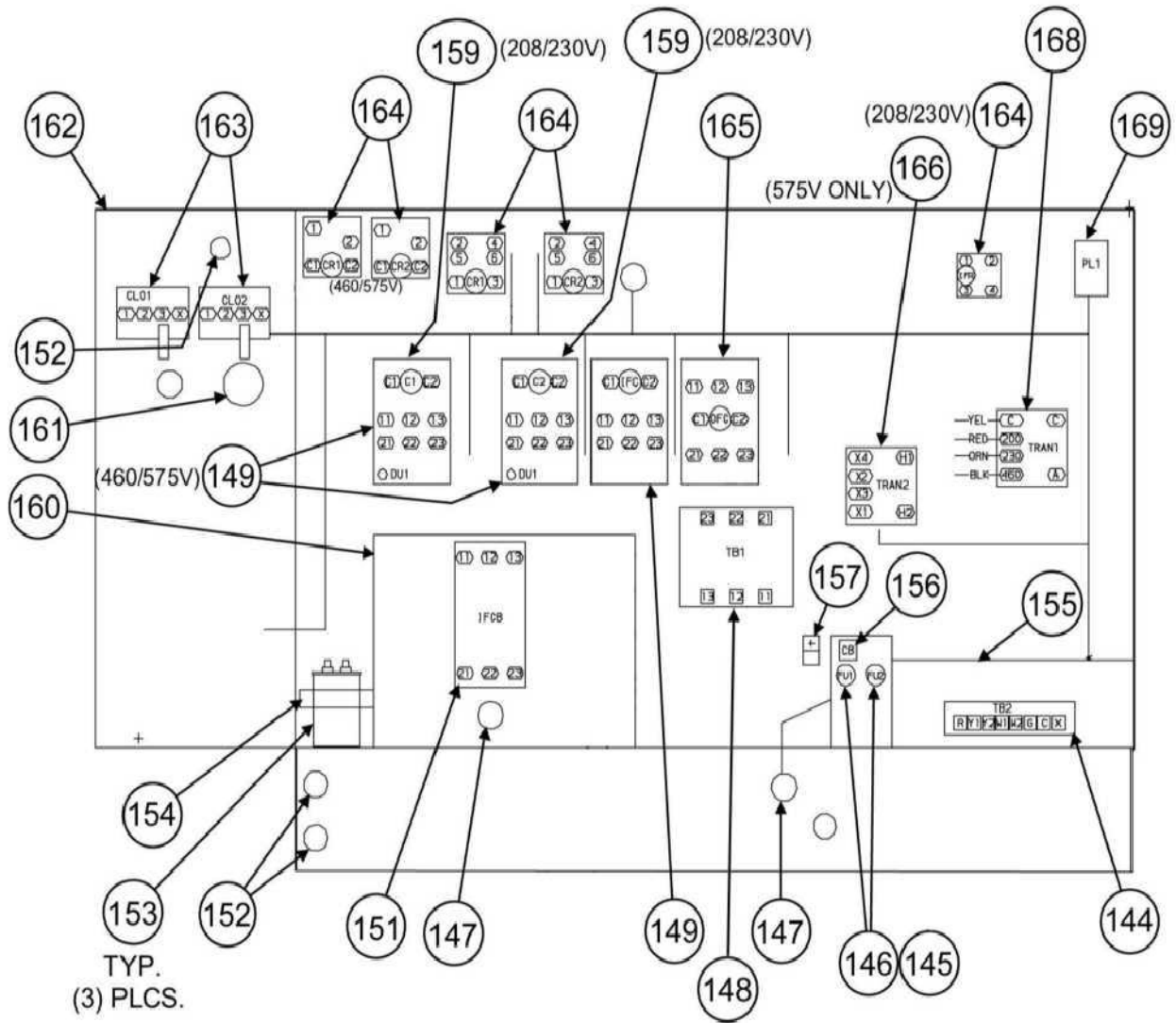
NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.



PAE180

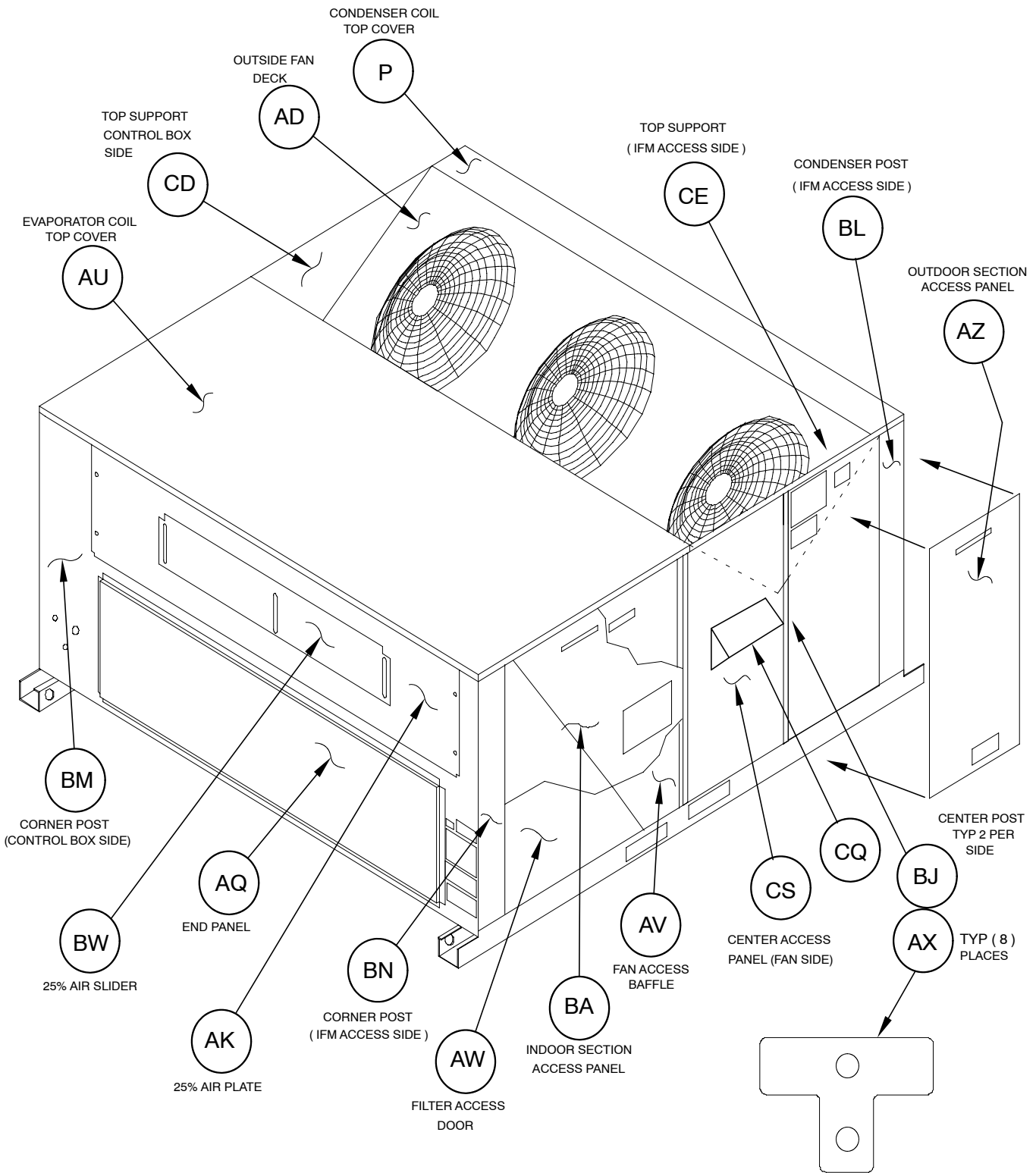
NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.

CONTROL BOX GROUP



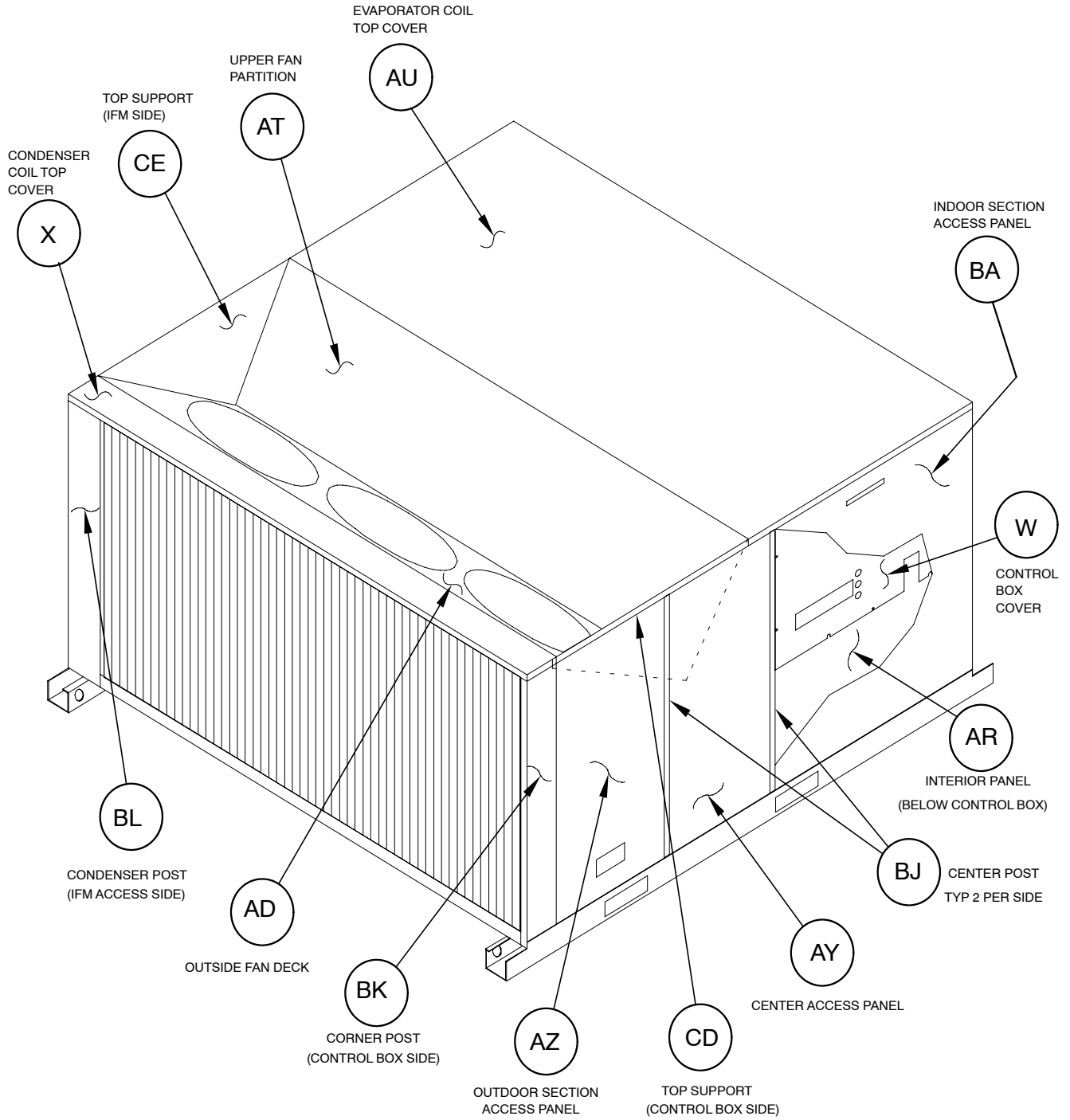
PAE210

NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.



PAE210

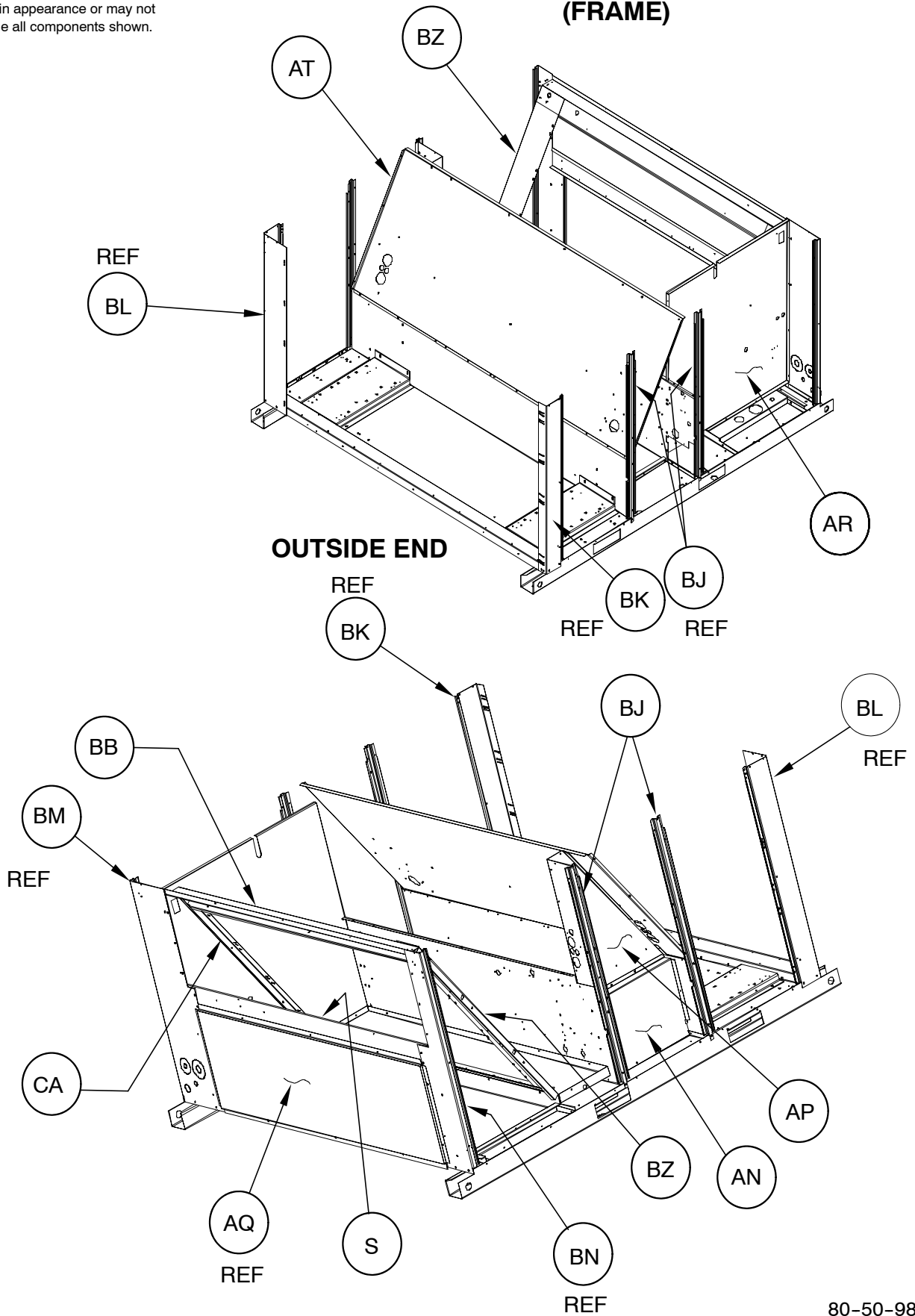
NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.



PAE210

NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.

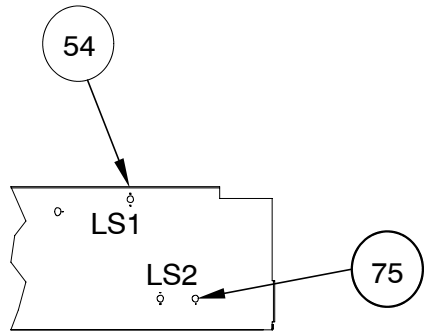
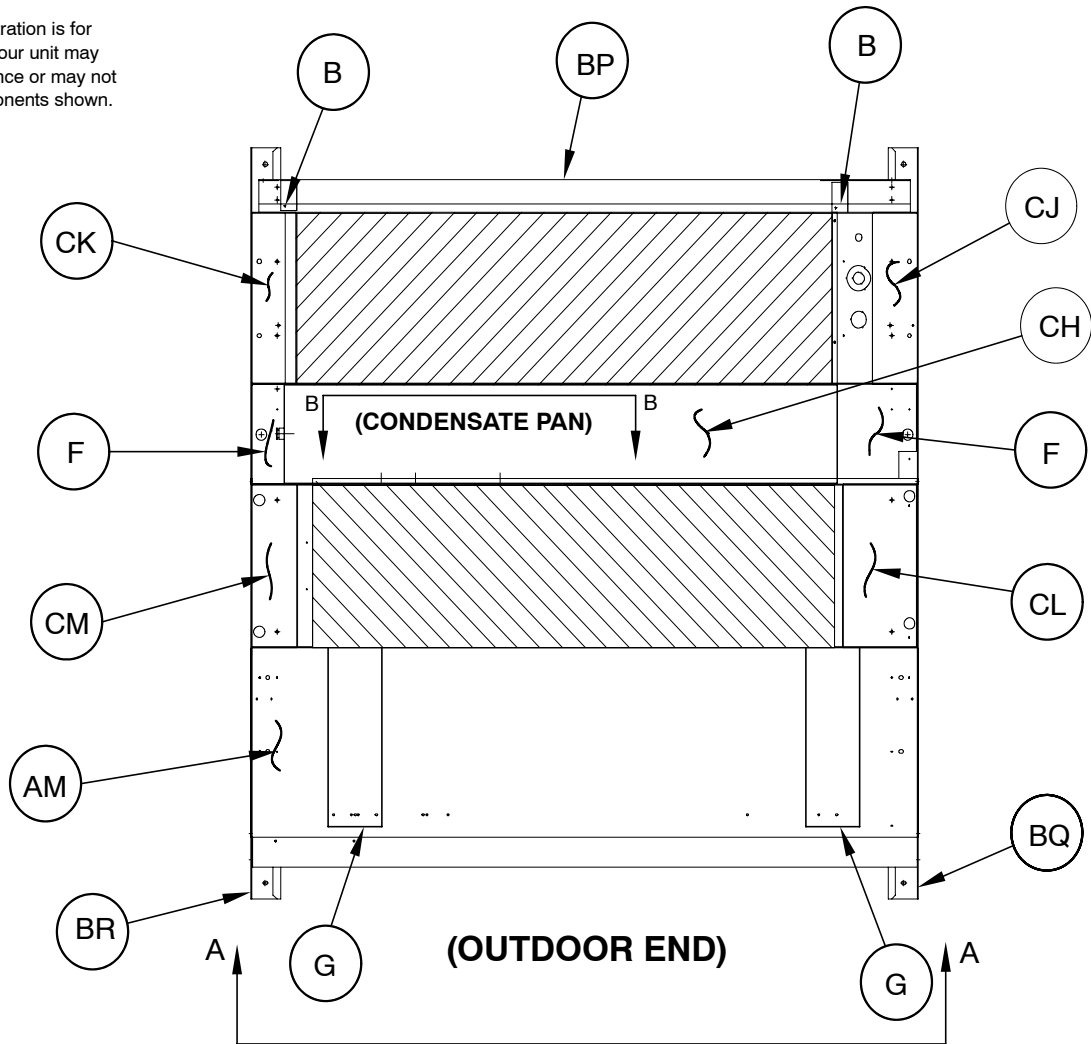
CASING GROUP (FRAME)



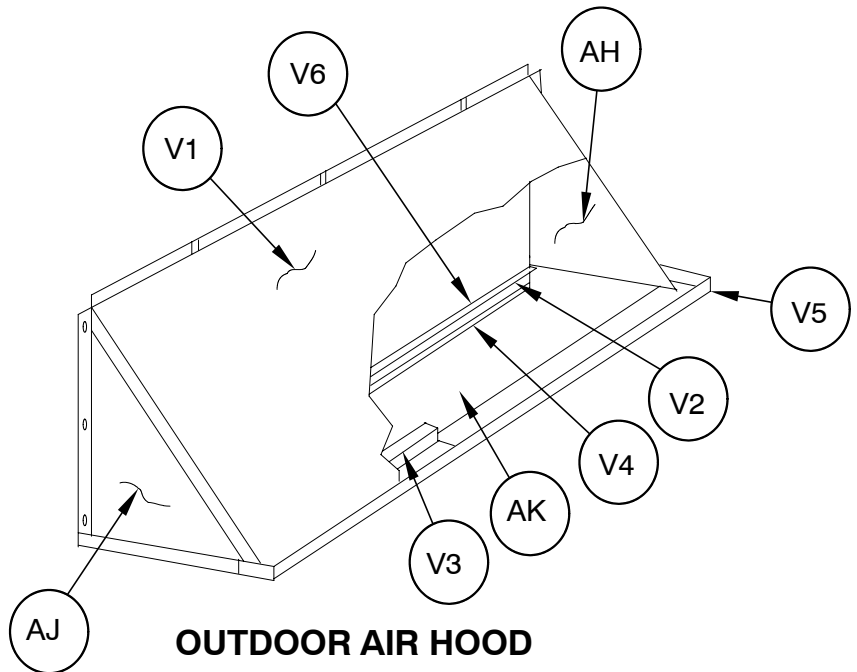
80-50-98

PAE210

NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.



**(BASE PAN SURFACE)
VIEW B - B**



**OUTDOOR AIR HOOD
VIEW A - A**

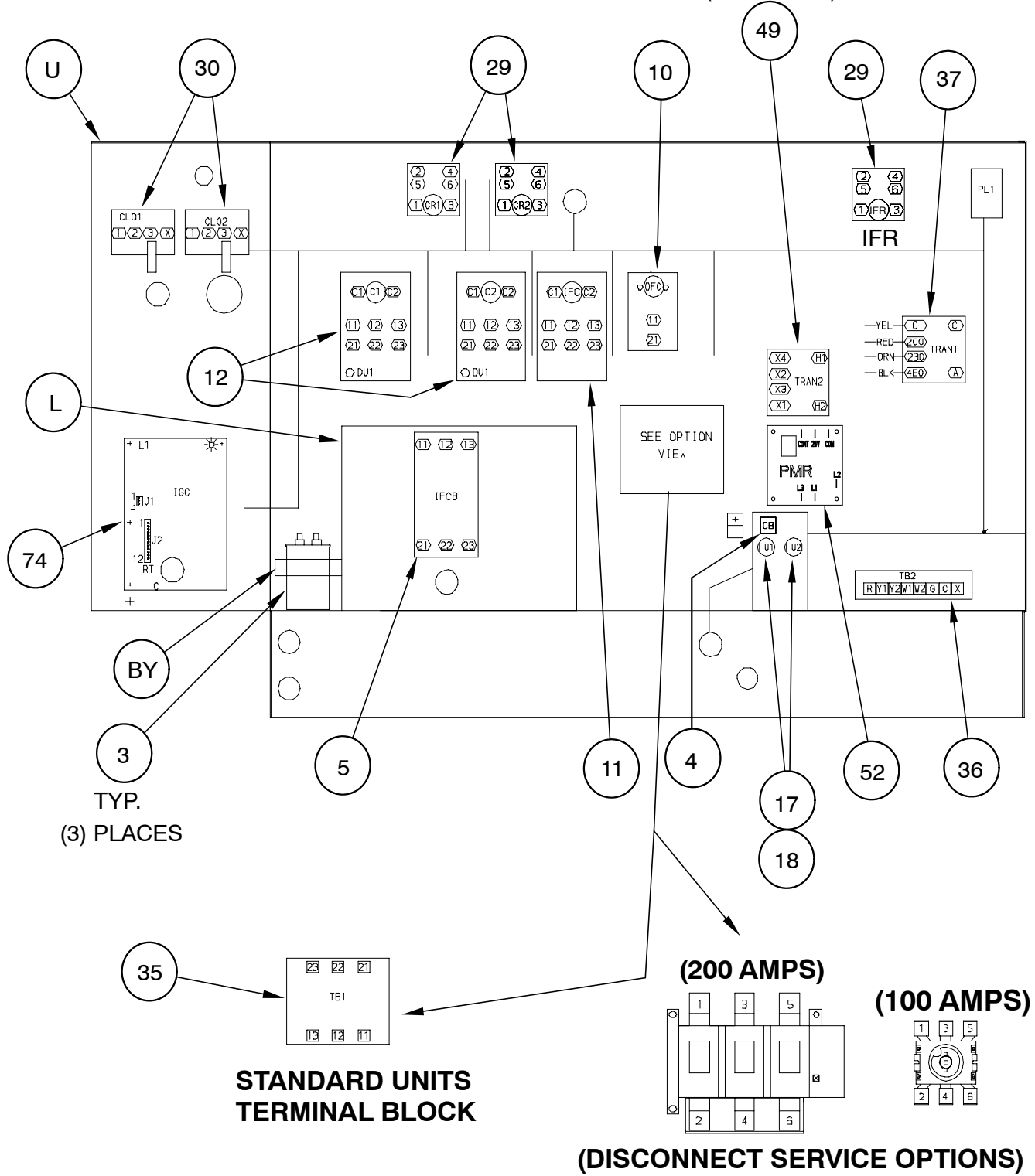
80-51-12

PAE210

NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.

CONTROL BOX

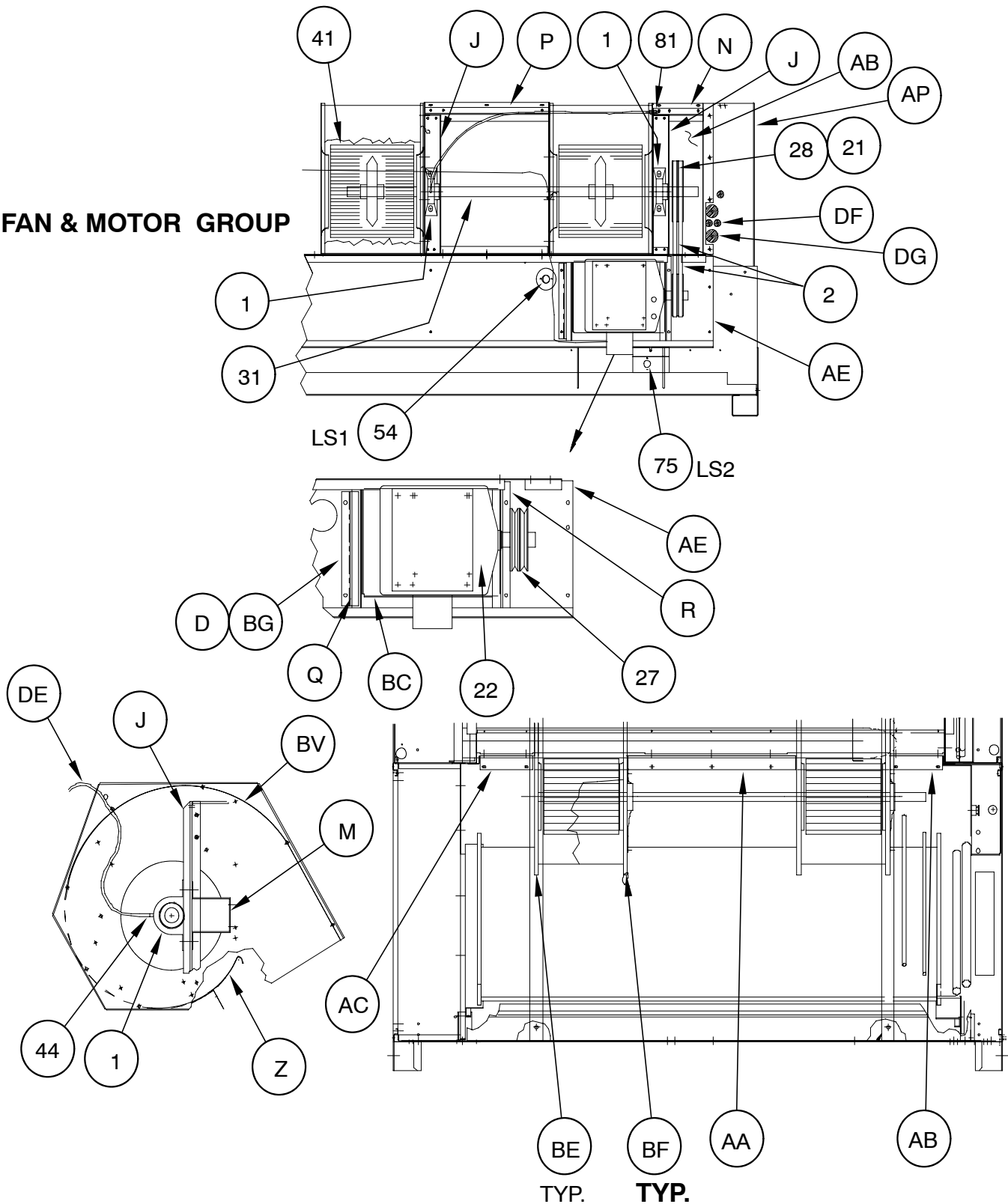
(575V ONLY)



PAE210

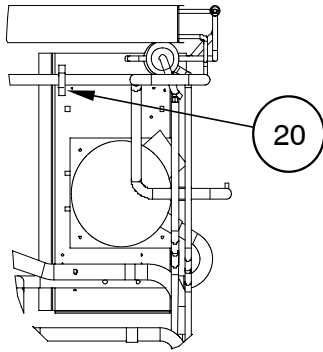
NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.

FAN & MOTOR GROUP

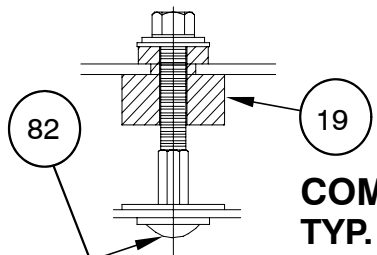
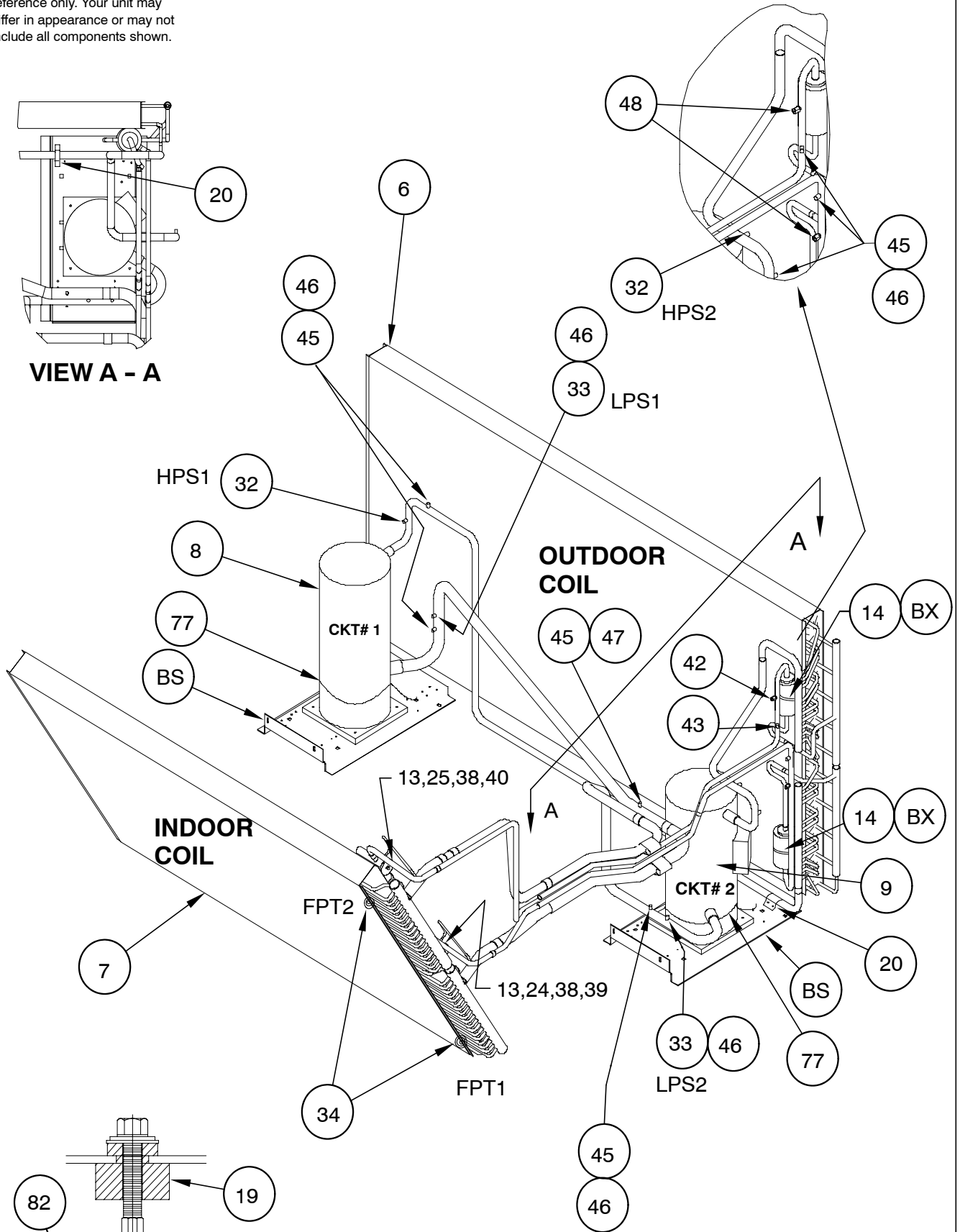


PAE210

NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.



VIEW A - A

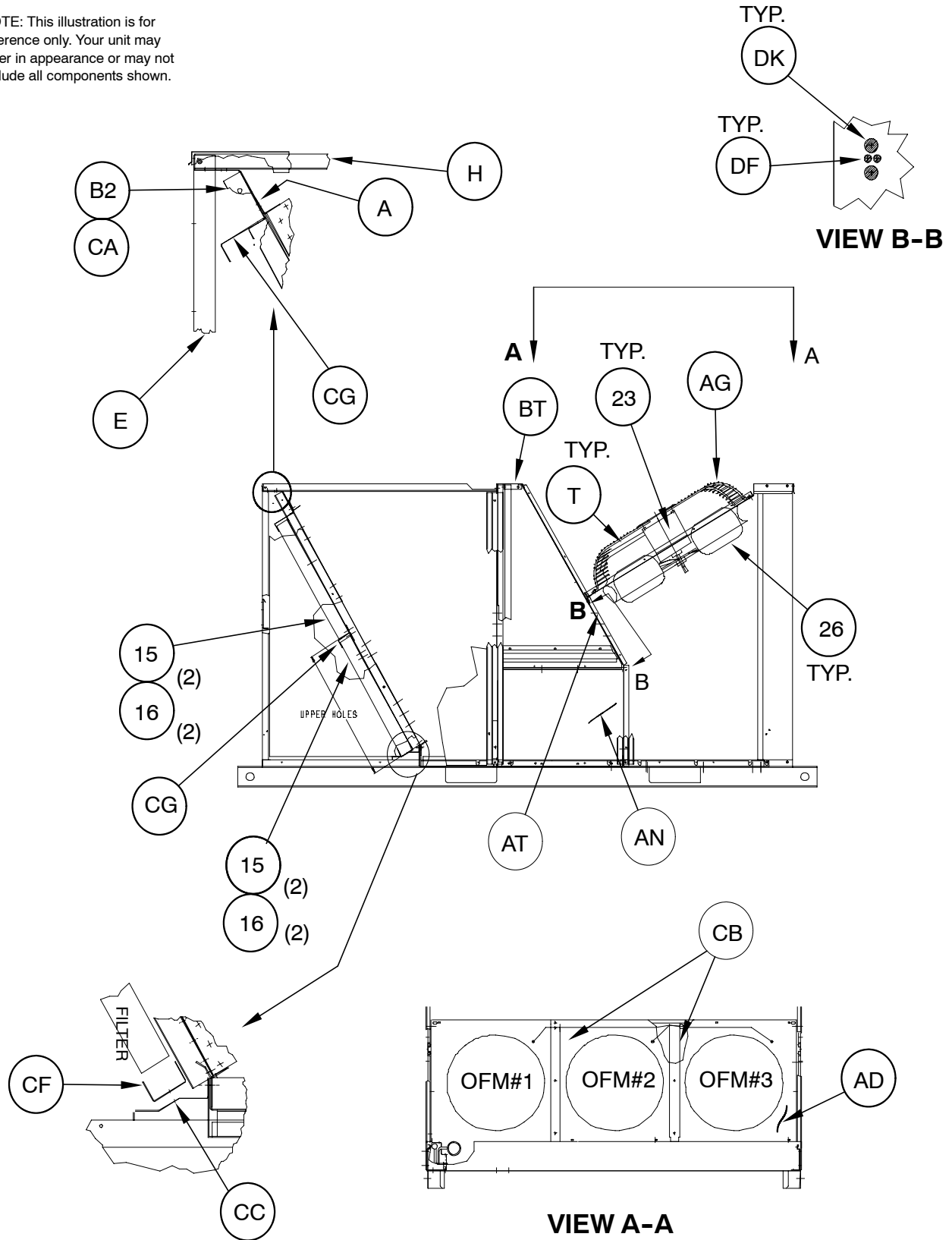


**COMPR. MTG DETAIL
TYP. (8) PLACES.**

80-51-01

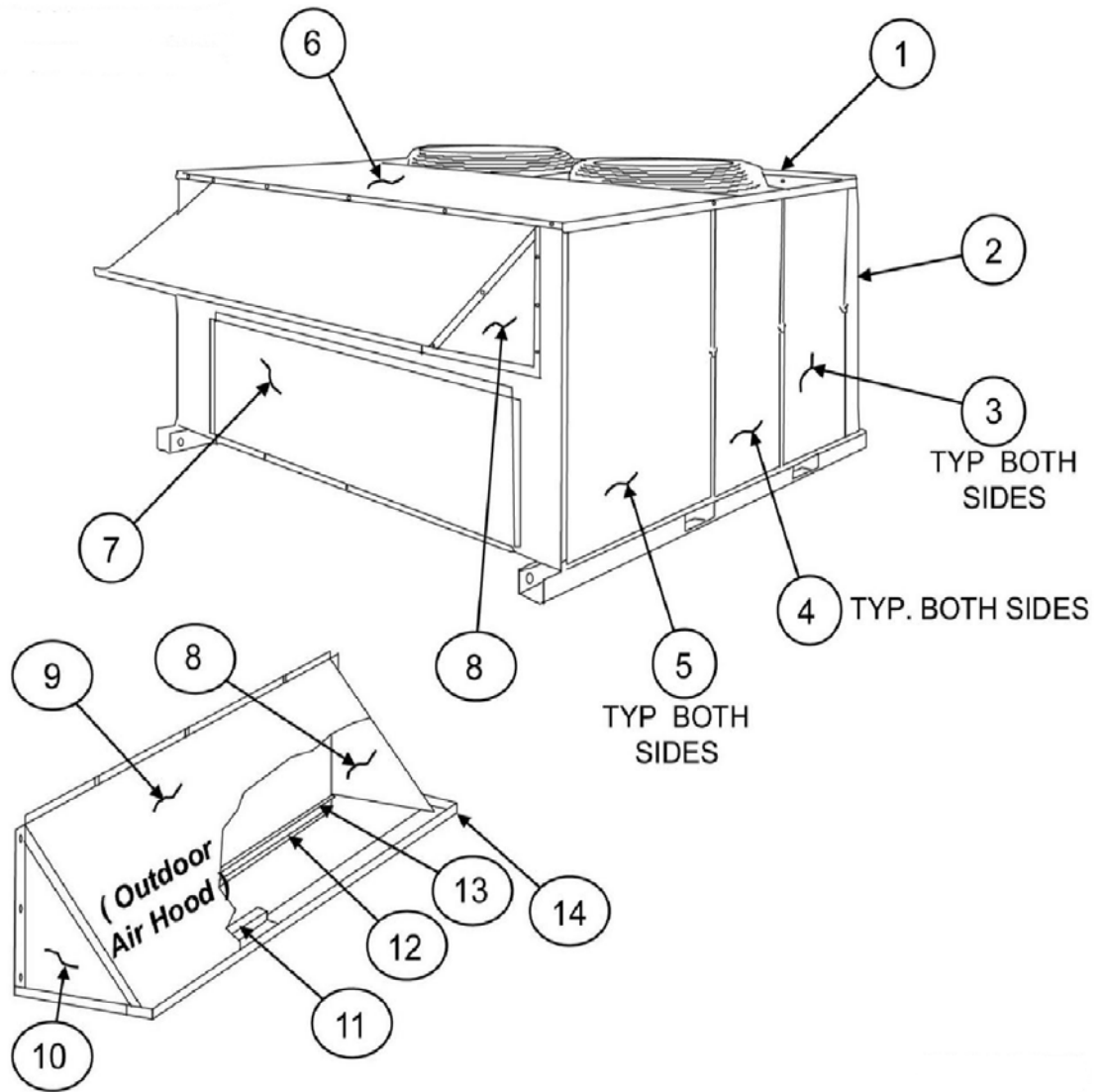
PAE210

NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.



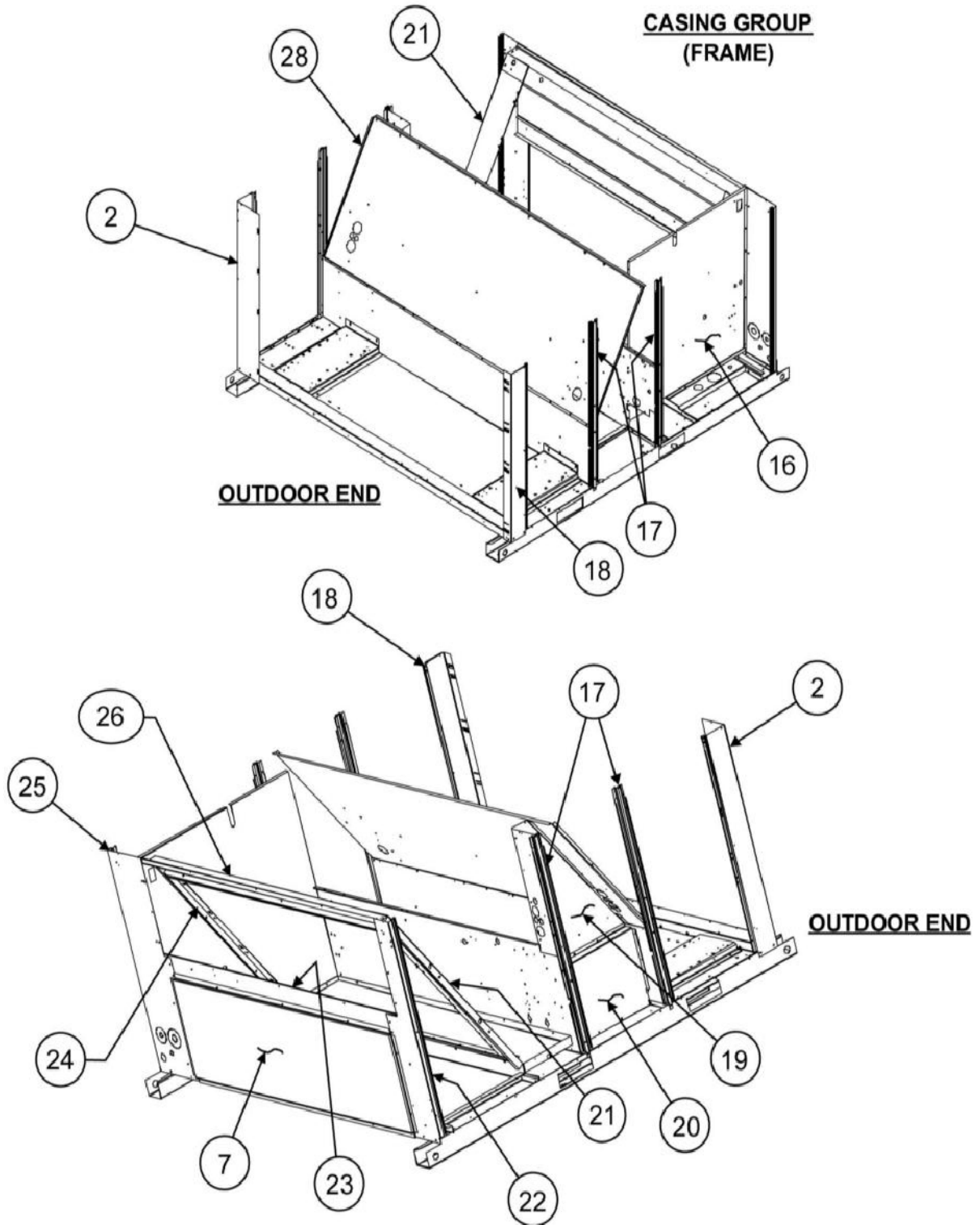
PAE240

NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.



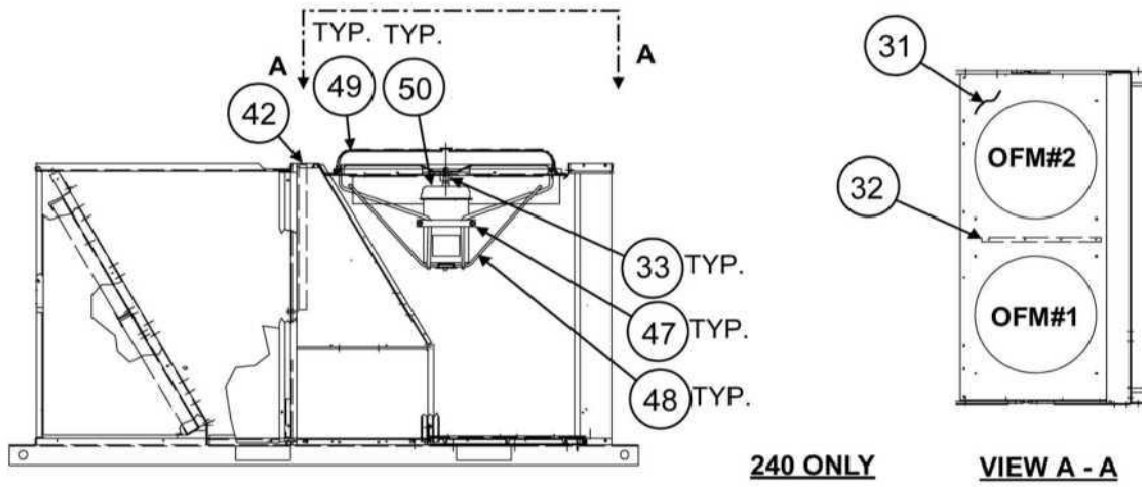
PAE240

NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.



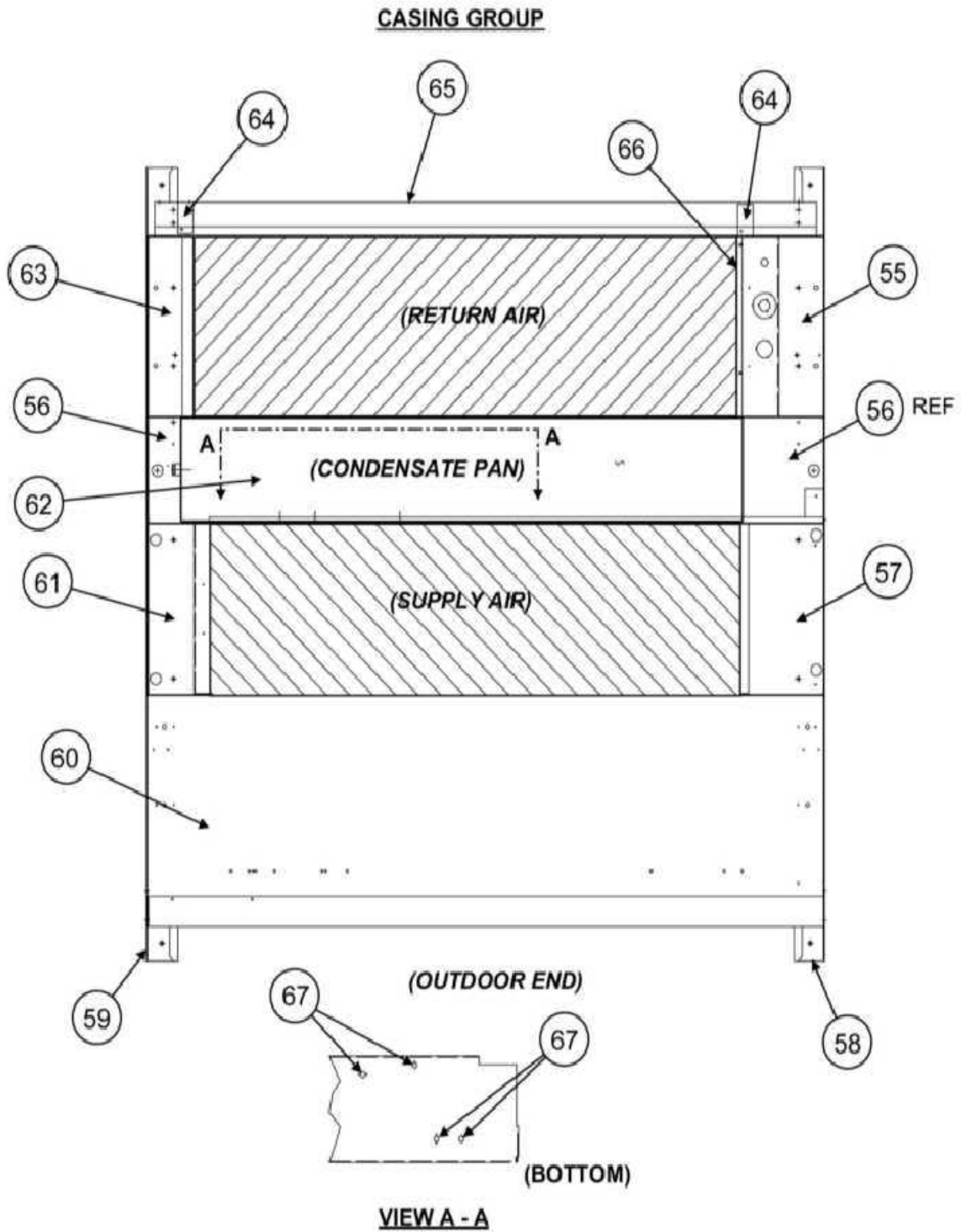
PAE240

NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.



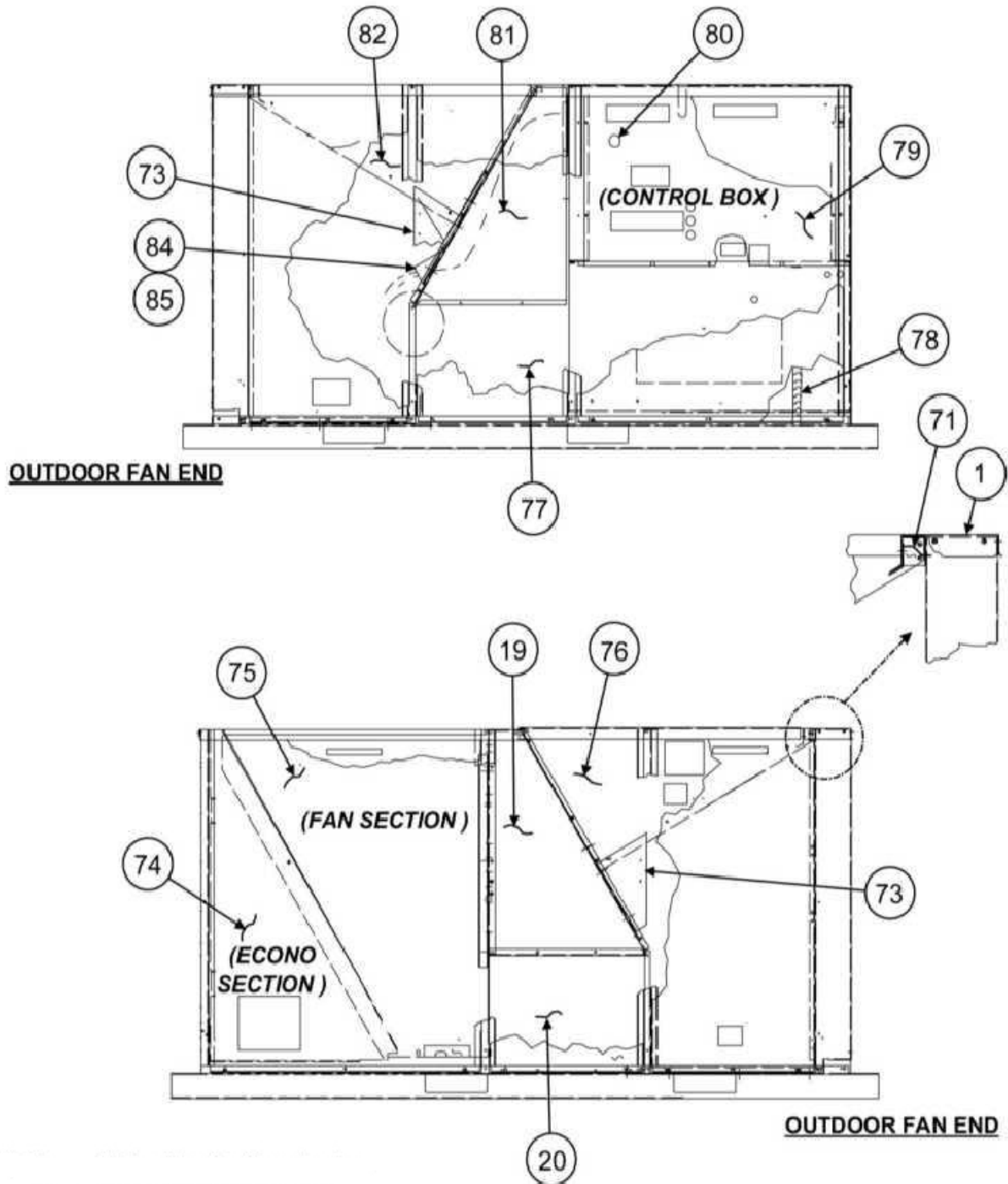
PAE240

NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.



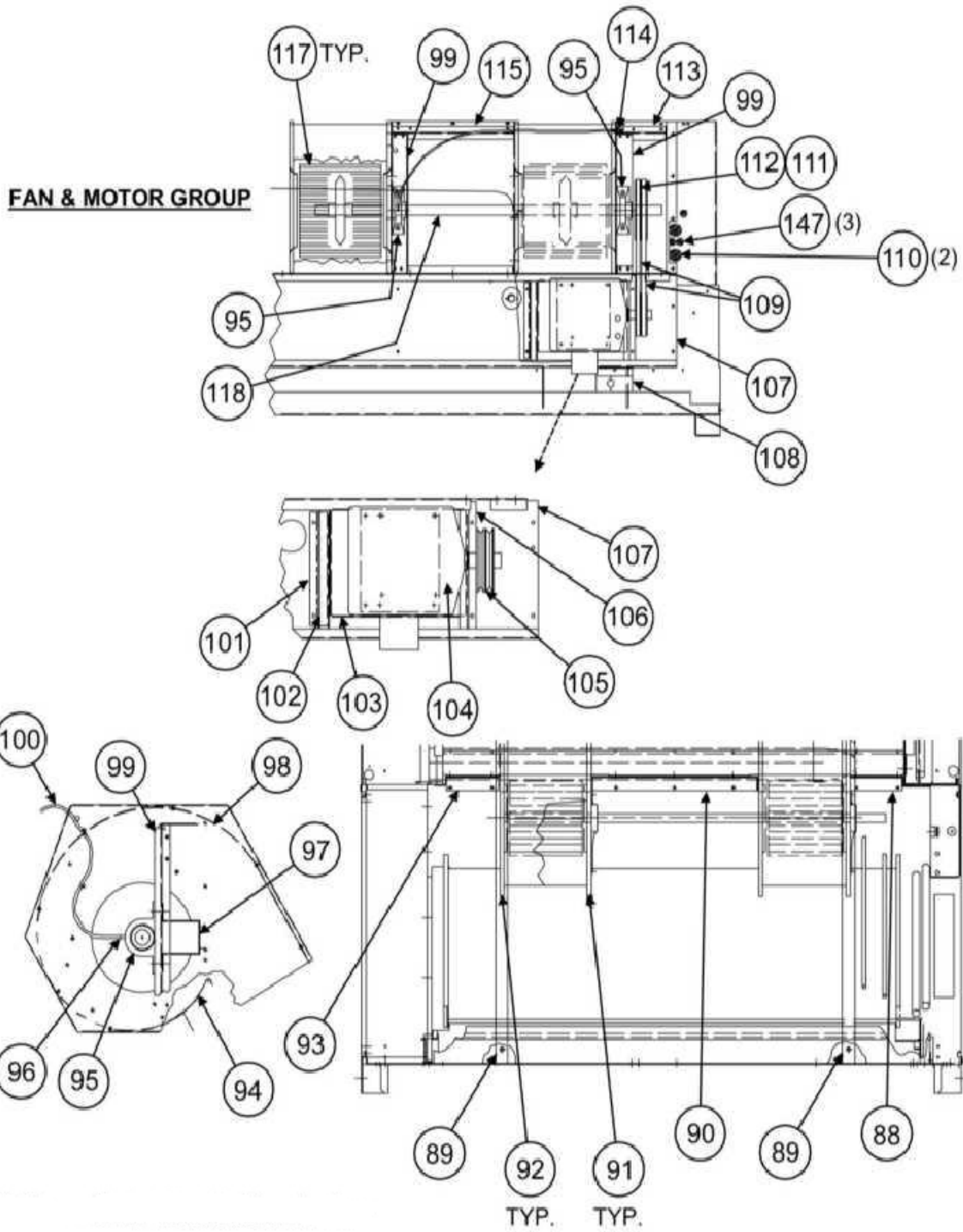
PAE240

NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.



PAE240

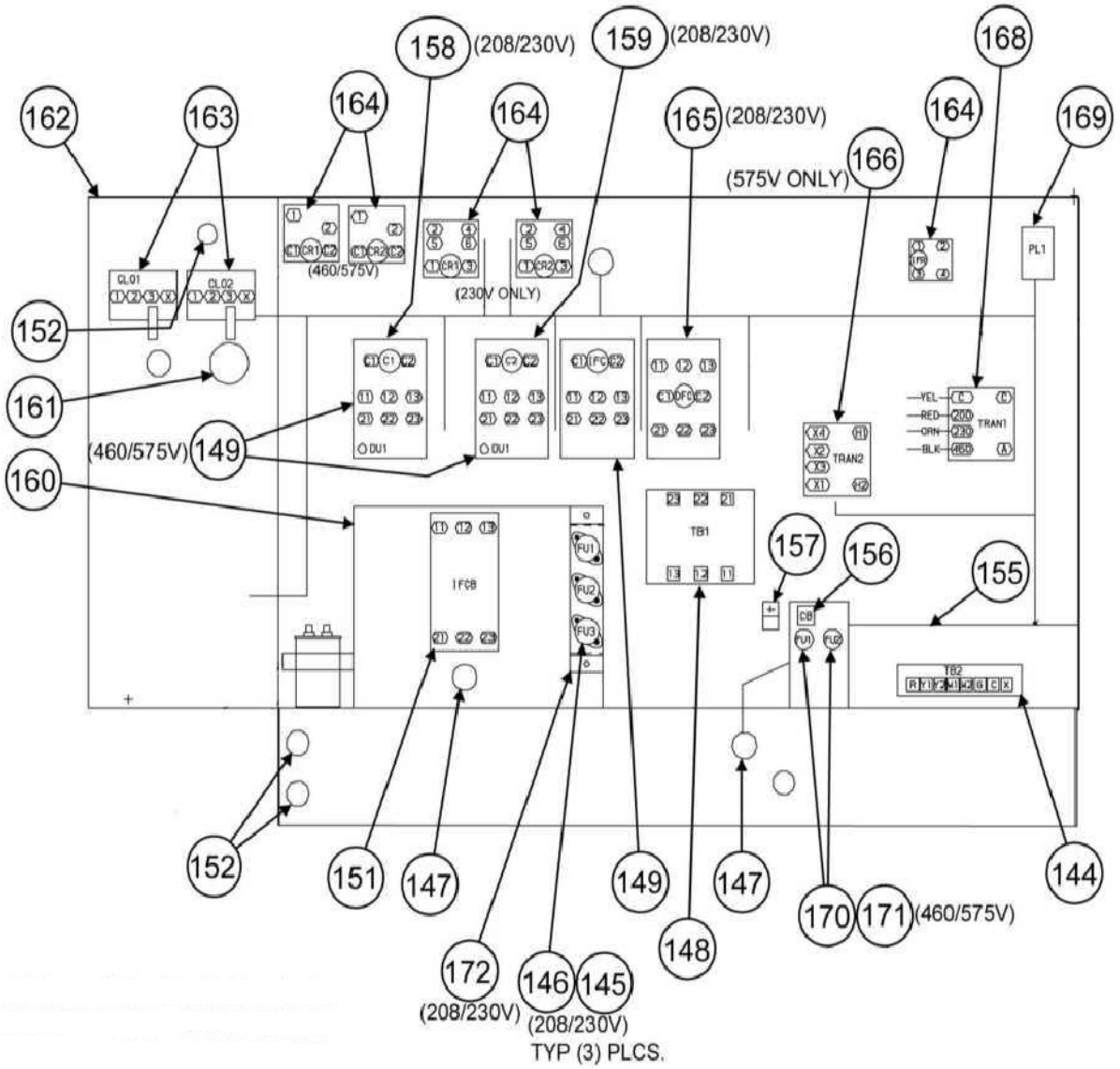
NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.



PAE240

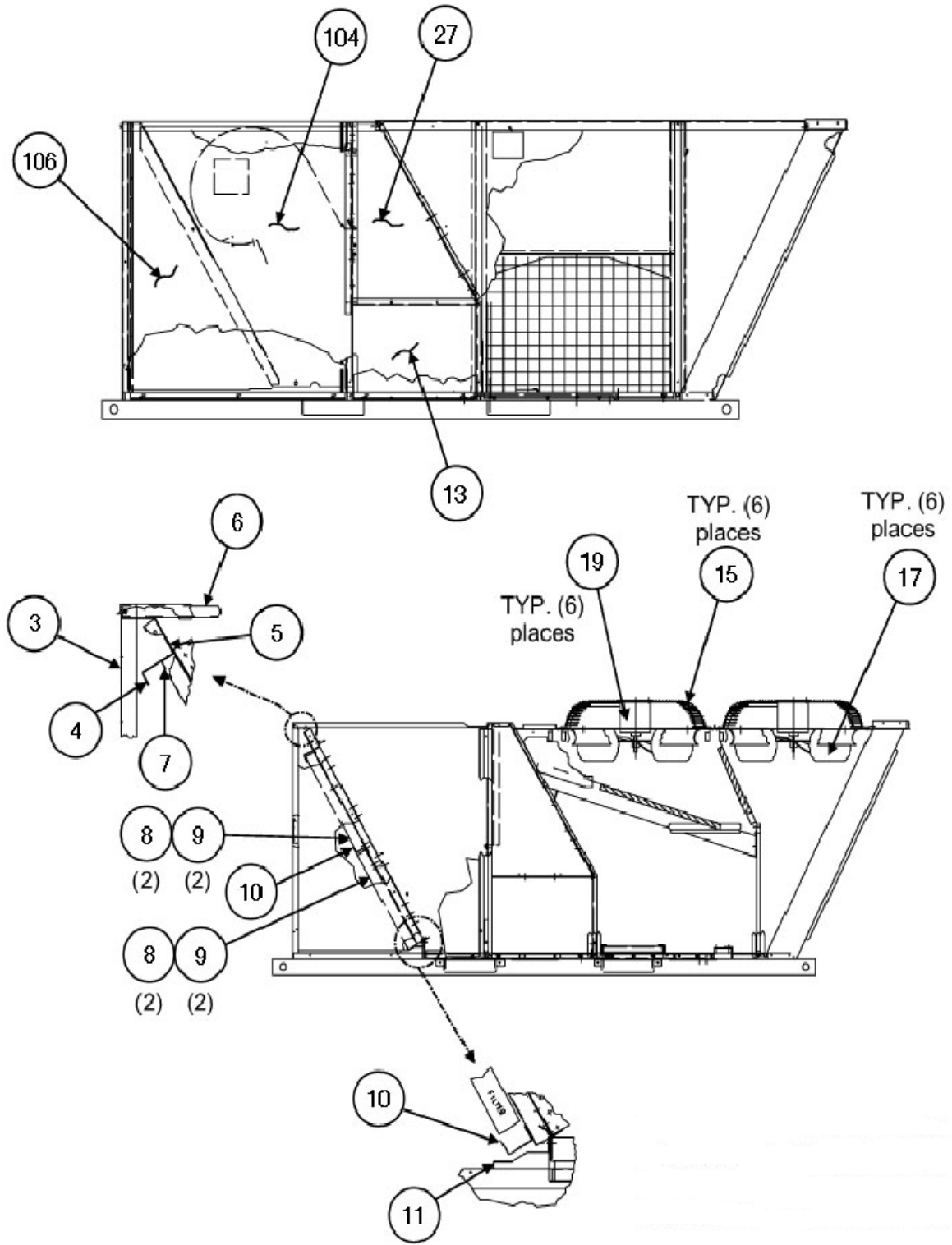
NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.

CONTROL BOX GROUP



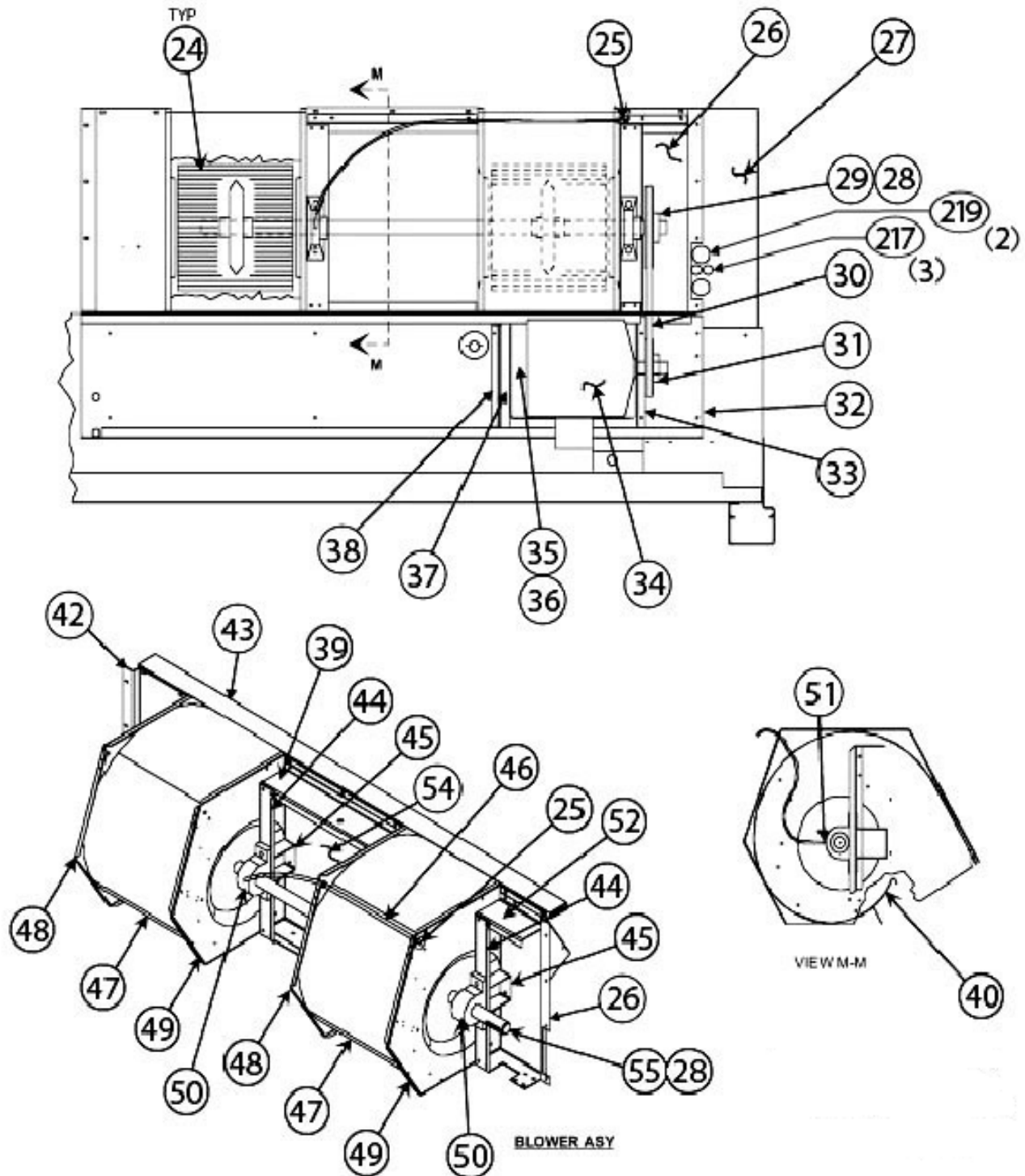
PAE300

NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.



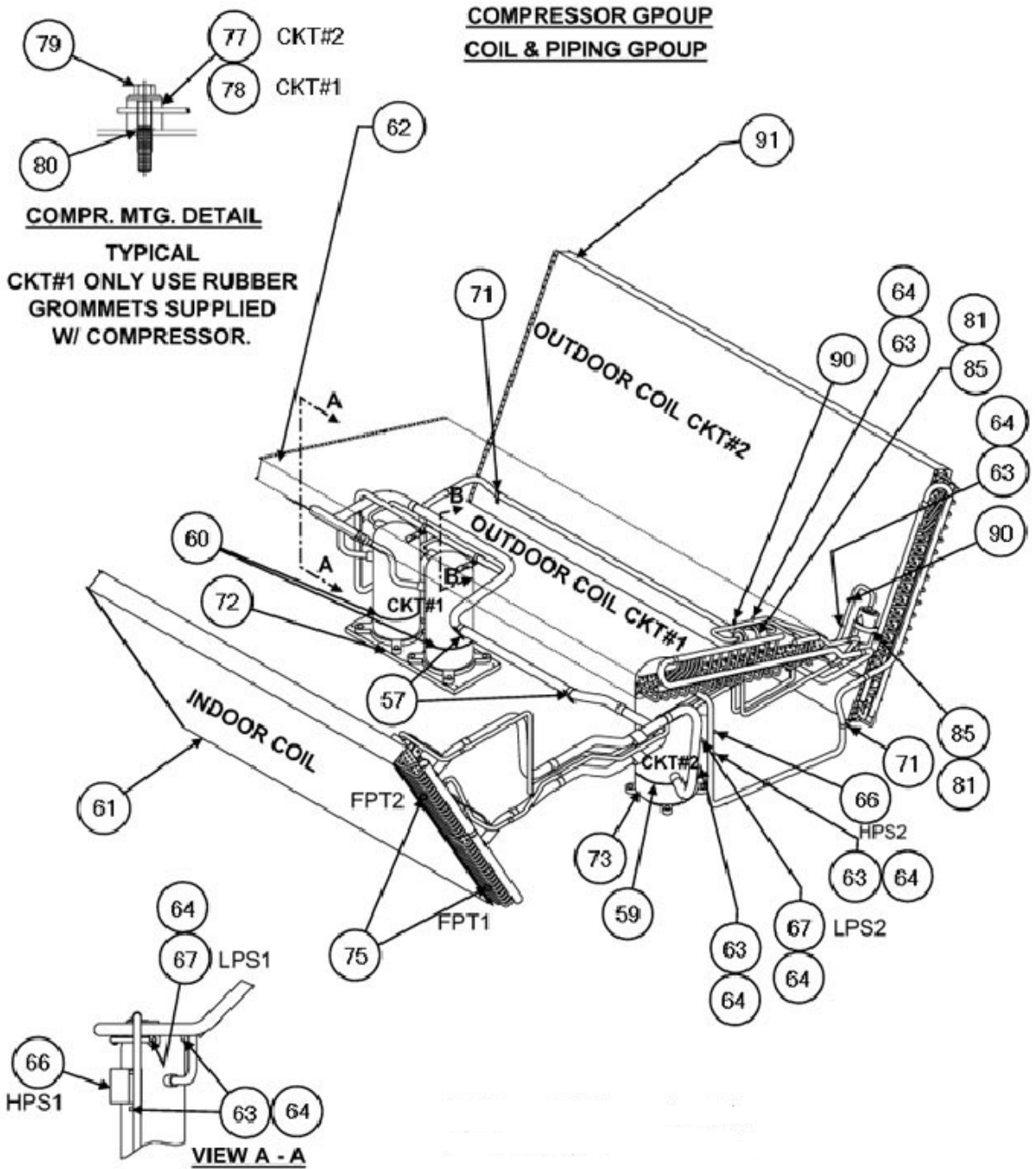
PAE300

NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.



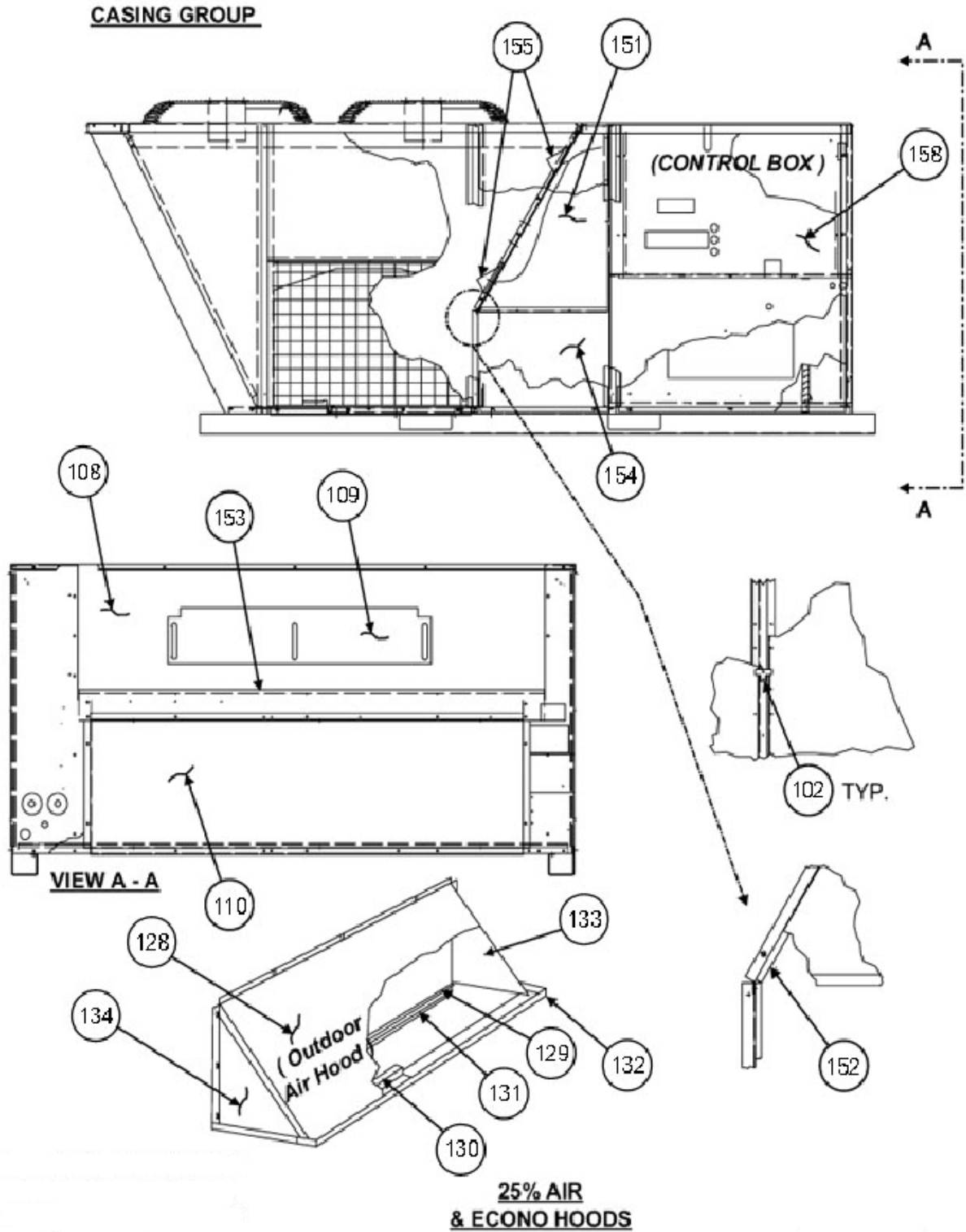
PAE300

NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.



PAE300

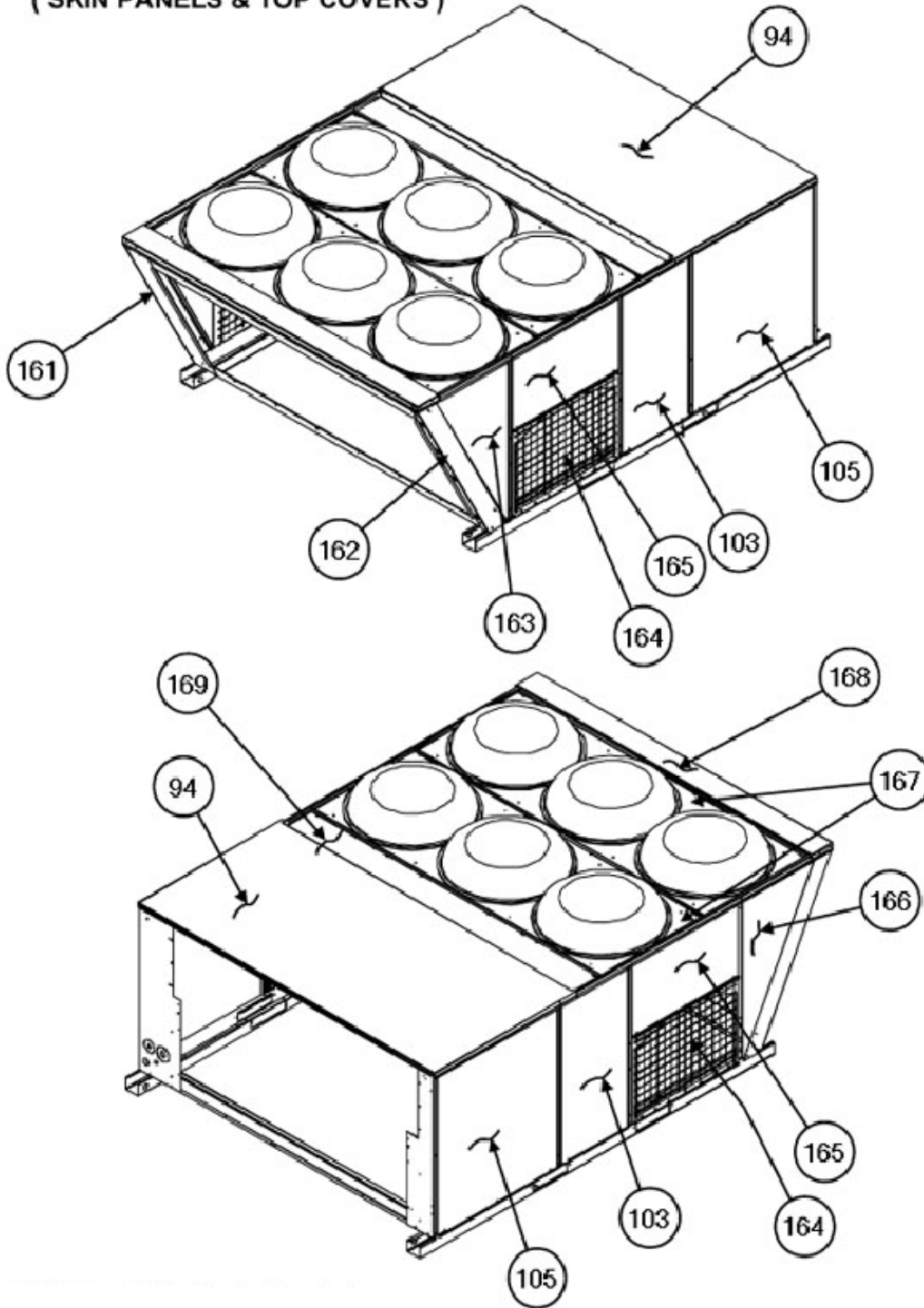
NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.



PAE300

NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.

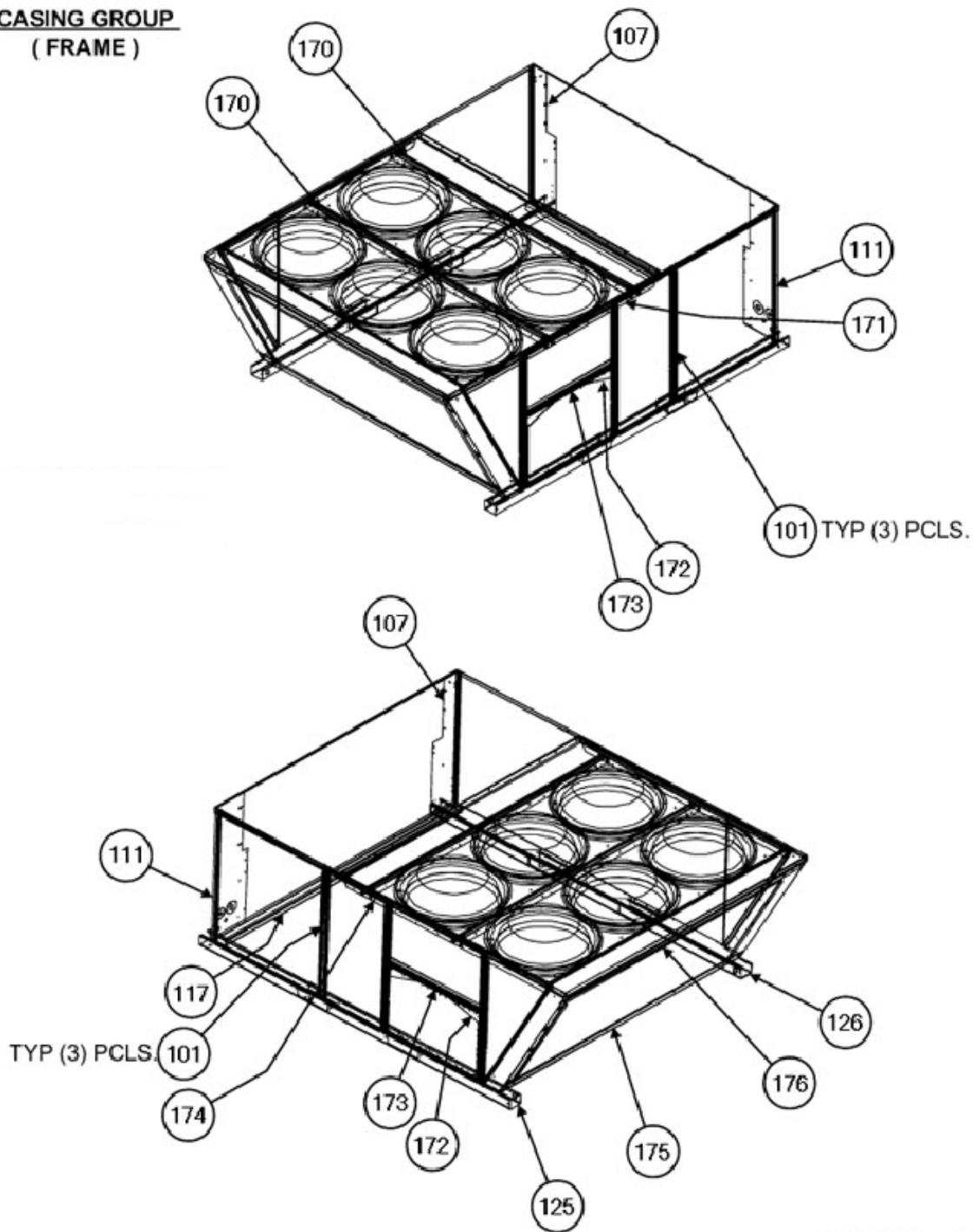
CASING GROUP
(SKIN PANELS & TOP COVERS)



PAE300

NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.

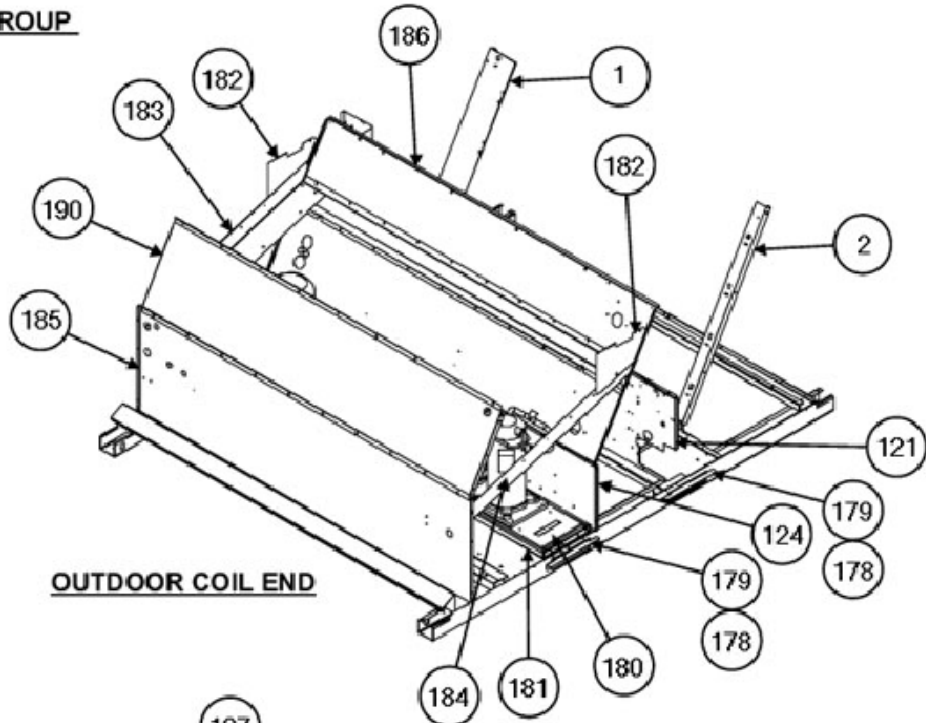
CASING GROUP
(FRAME)



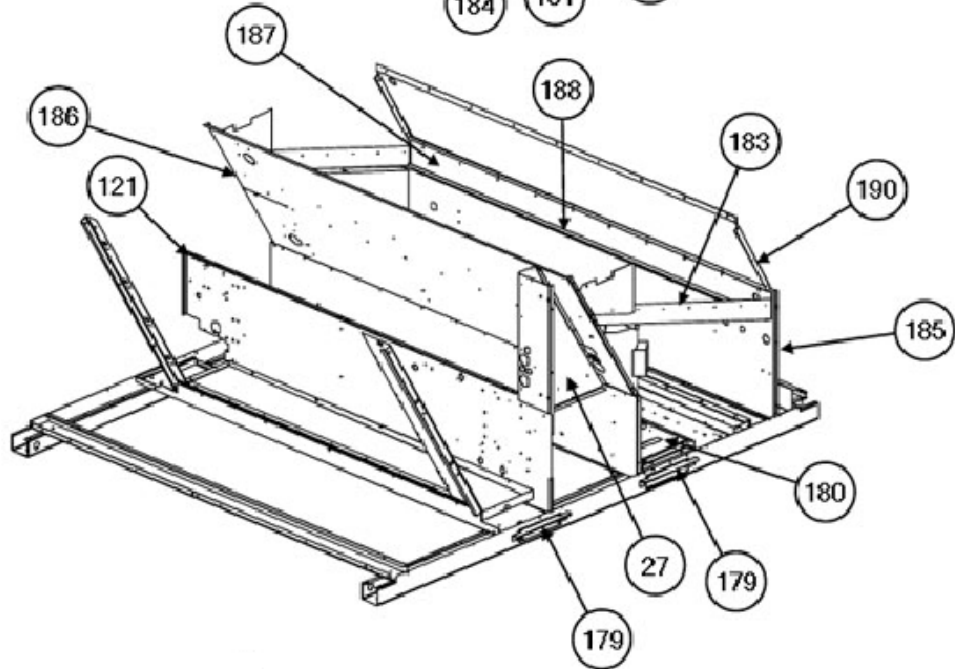
PAE300

NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.

CASING GROUP

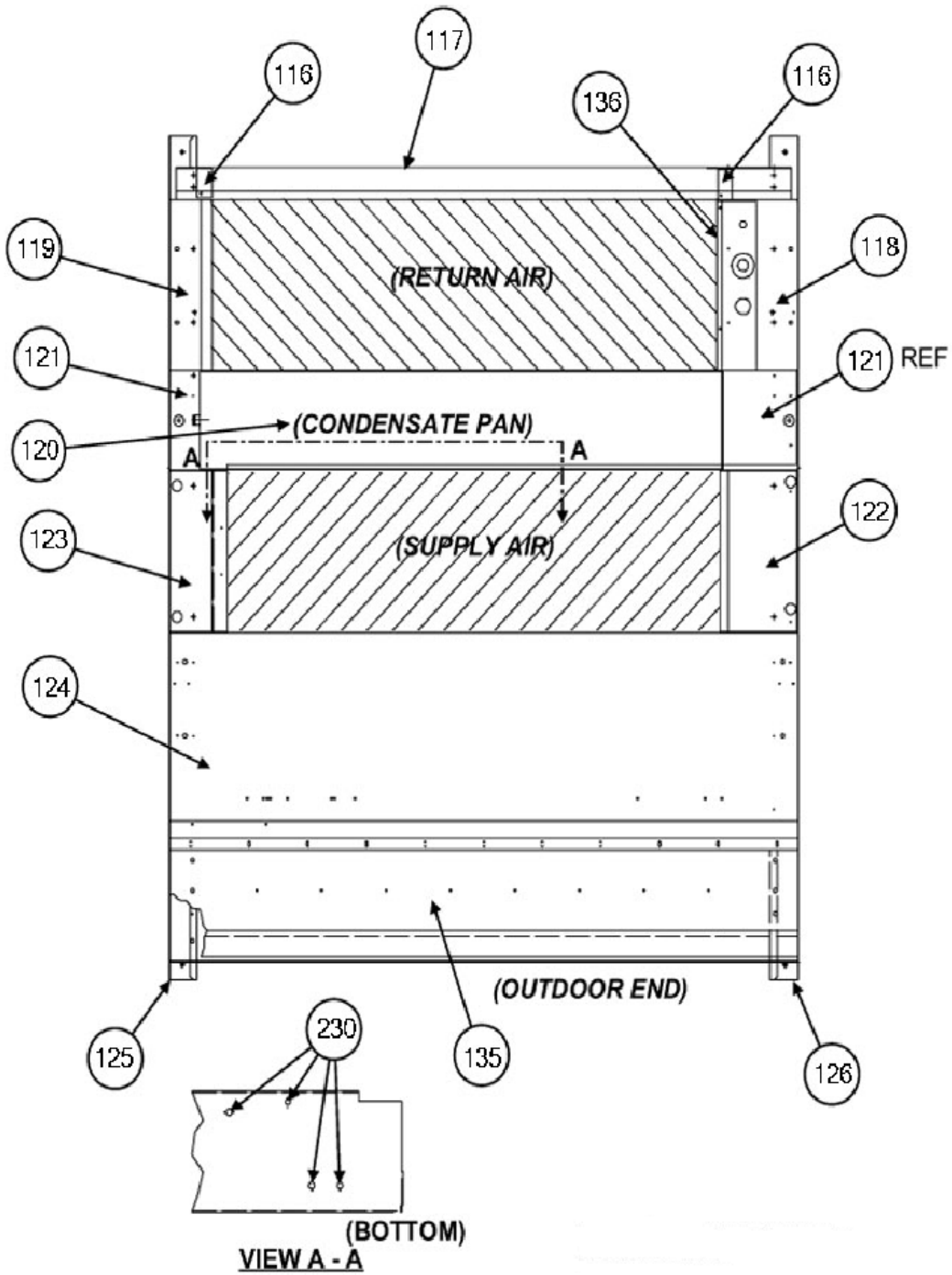


OUTDOOR COIL END



PAE300

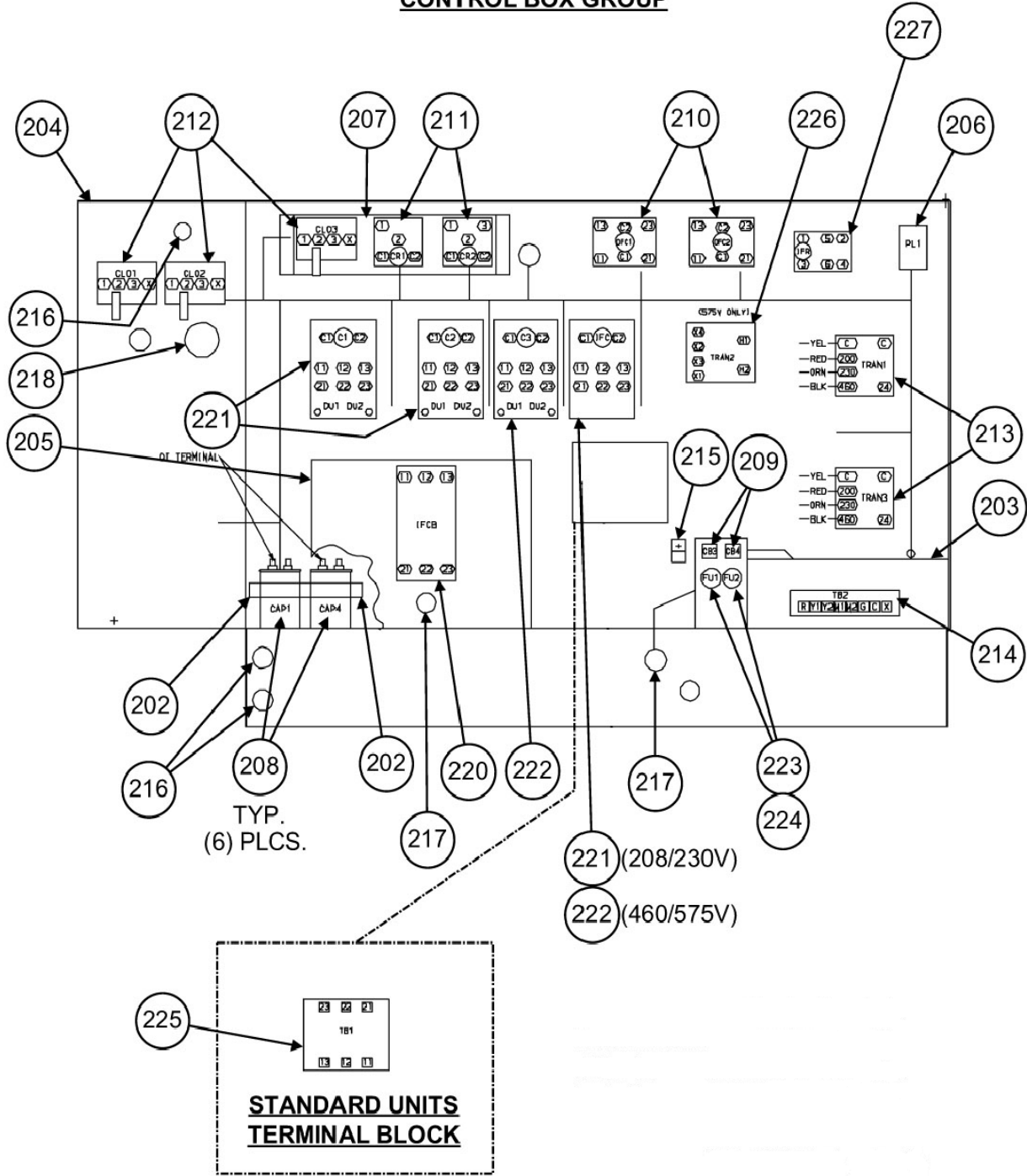
NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.



PAE300

NOTE: This illustration is for reference only. your unit may differ in appearance or may not include all components shown.

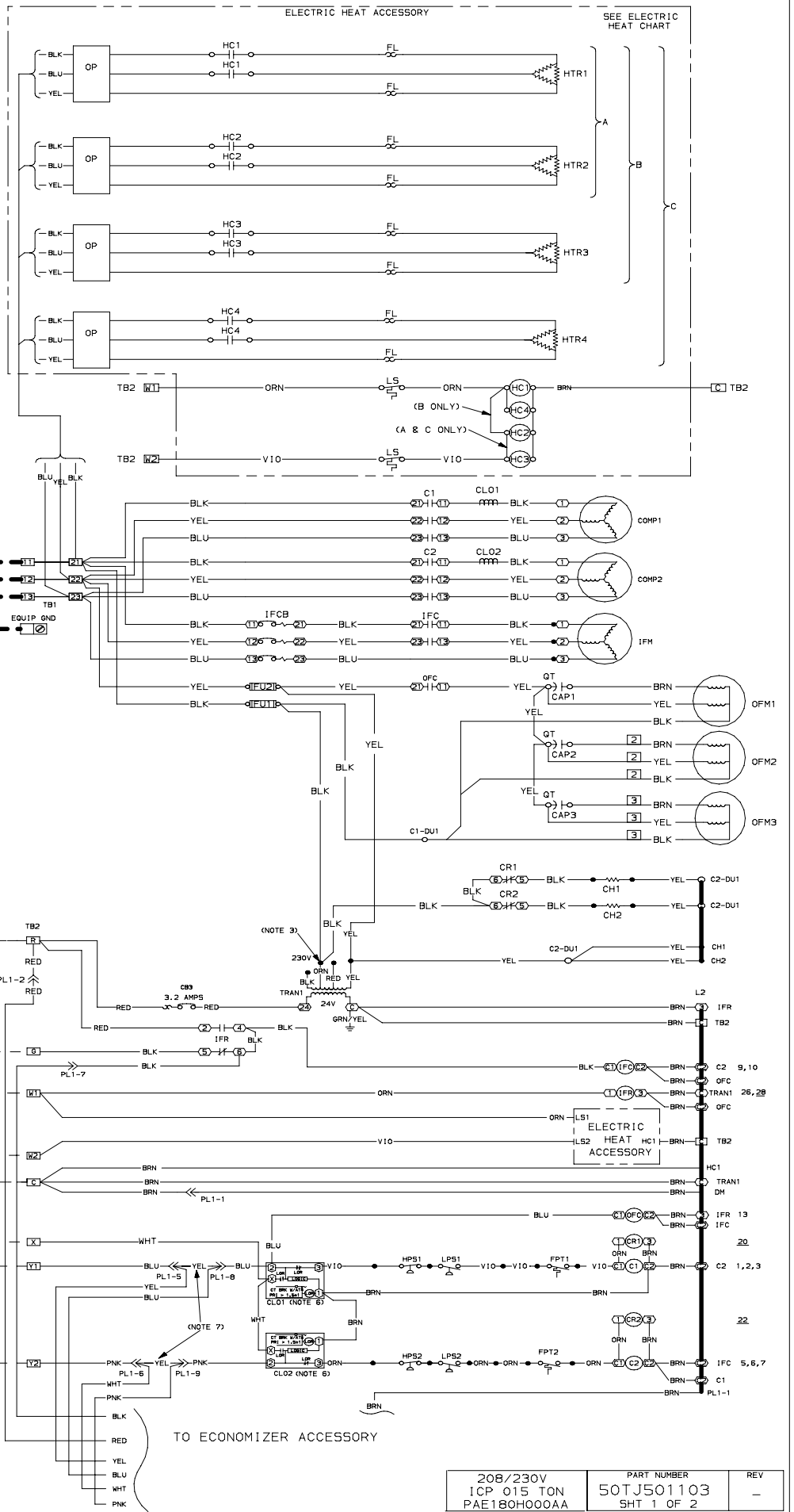
CONTROL BOX GROUP



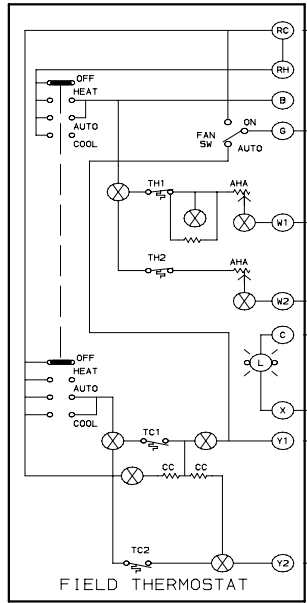
SCHEMATIC

ELECTRIC HEAT

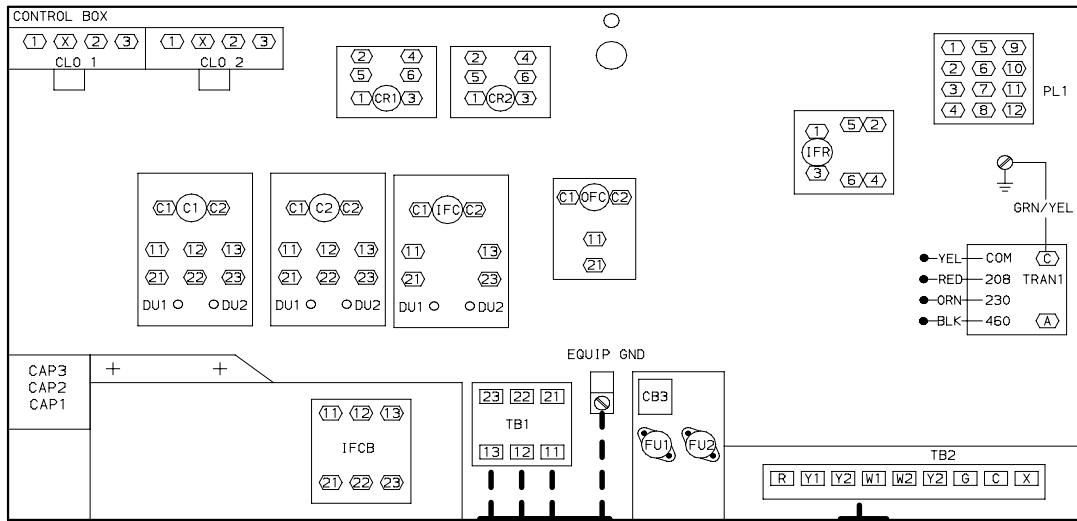
	208/240V AMPS	200/230V KW
A	71.3/82.3	25.7/34.2
B	117/135	42.2/56.1
C	156/180	56.2/74.8



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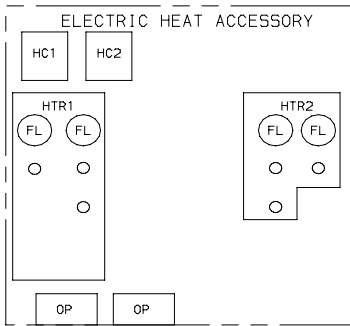
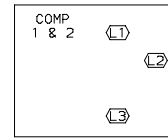
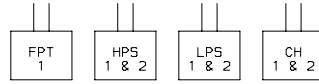
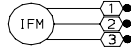
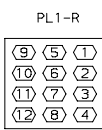
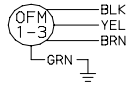


208/230V 1CP 015 TON PAE180H000AA	PART NUMBER 50TJ501103 SHT 1 OF 2	REV -
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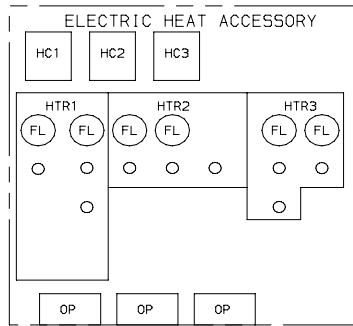


FIELD POWER WIRING

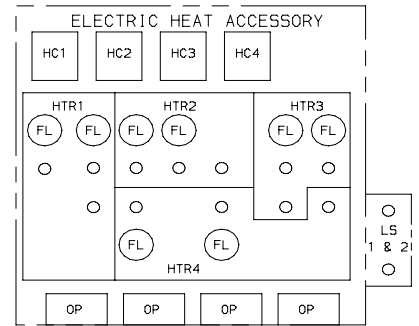
FIELD CONTROL WIRING



(A)



(B)



(C)

NOTES

1. COMPRESSOR AND/OR FAN MOTOR(S) THERMALLY PROTECTED----- THREE PHASE MOTORS PROTECTED AGAINST PRIMARY SINGLE PHASING CONDITIONS.
2. IF ANY OF THE ORIGINAL WIRE FURNISHED MUST BE REPLACED. IT MUST BE REPLACED WITH TYPE 90°C WIRE OR ITS EQUIVALENT.
3. TRAN1 IS WIRED FOR 230V OPERATION. IF UNIT IS 208V, DISCONNECT THE BLACK WIRES FROM THE ORN TRAN WIRE AND RECONNECT TO THE RED TRAN WIRE, APPLY WIRENUTS TO WIRES.
5. IFCB MUST TRIP AMPS ARE EQUAL TO OR LESS THAN 140% FLA.
6. THE CLO LOCKS OUT THE COMPRESSOR TO PREVENT SHORT CYCLING ON COMPRESSOR OVERLOAD AND SAFETY DEVICES; BEFORE REPLACING CLO, CHECK THESE DEVICES.
7. JUMPERS ARE OMITTED WHEN UNIT IS EQUIPPED WITH ECONOMIZER.
8. NUMBER(S) INDICATES THE LINE LOCATION OF USED CONTACTS. A BRACKET OVER (2) NUMBERS SIGNIFIES A SINGLE POLE, DOUBLE THROW CONTACT. AN UNDERLINED NUMBER SIGNIFIES A NORMALLY CLOSED CONTACT. PLAIN (NO LINE) NUMBER SIGNIFIES A NORMALLY OPEN CONTACT.

LEGEND

- TERMINAL (MARKED)
- TERMINAL (UNMARKED)
- TERMINAL BLOCK
- SPLICE

- FACTORY WIRING
- FIELD WIRING
- OPTION/ACCESSORY WIRING
- TO INDICATE COMMON POTENTIAL ONLY; NOT TO REPRESENT WIRING

AHA	ADJUSTABLE HEAT ANTICIPATOR	HTR	HEATER
BRK W/AT	BREAKS WITH AMP TURNS	IFC	INDOOR FAN CONTACTOR
C	CONTACTOR, COMPRESSOR	IFCB	INDOOR FAN CIRCUIT BREAKER
CAP	CAPACITOR	IFM	INDOOR FAN MOTOR
CB	CIRCUIT BREAKER	IFR	INDOOR FAN RELAY
CC	COOLING COMPENSATOR	IP	INTERNAL PROTECTOR
CH	CRANKCASE HEATER	L	LIGHT
CLO	COMPRESSOR LOCKOUT	LLSV	LIG LINE SOLENOID VALVE
CLS	COILING LOCKOUT SWITCH	LPS	LOW PRESSURE SWITCH
COMP	COMPRESSOR MOTOR	LS	LIMIT SWITCH
CR	CONTROL RELAY	MAT	MIXED AIR THERMOSTAT
DAT	DISCHARGE AIR THERMISTOR	OAT	OUTDOOR AIR THERMOSTAT
DM	DAMPER MOTOR	OFC	OUTDOOR FAN CONTACTOR
DU	DUMMY TERMINAL	OFM	OUTDOOR FAN MOTOR
EQUIP	EQUIPMENT	OP	OVERCURRENT PROTECTOR
FL	FUSE LINK	PL	PLUG ASSEMBLY
FPT	FREEZE PROTECTION THERMOSTAT	PRI	PRIMARY
FU	FUSE	SR	SOLENOID RELAY
GND	GROUND	SW	SWITCH
HC	HEATER CONTACTOR	TB	TERMINAL BLOCK
HPS	HIGH PRESSURE SWITCH	TC	THERMOSTAT COILING
		TDR	TIME DELAY RELAY
		TH	THERMOSTAT HEATING
		TRAN	TRANSFORMER

208/230V ICP 015 TON PAE180H000AA	PART NUMBER 50TJ501103 SHT 2 OF 2	REV -
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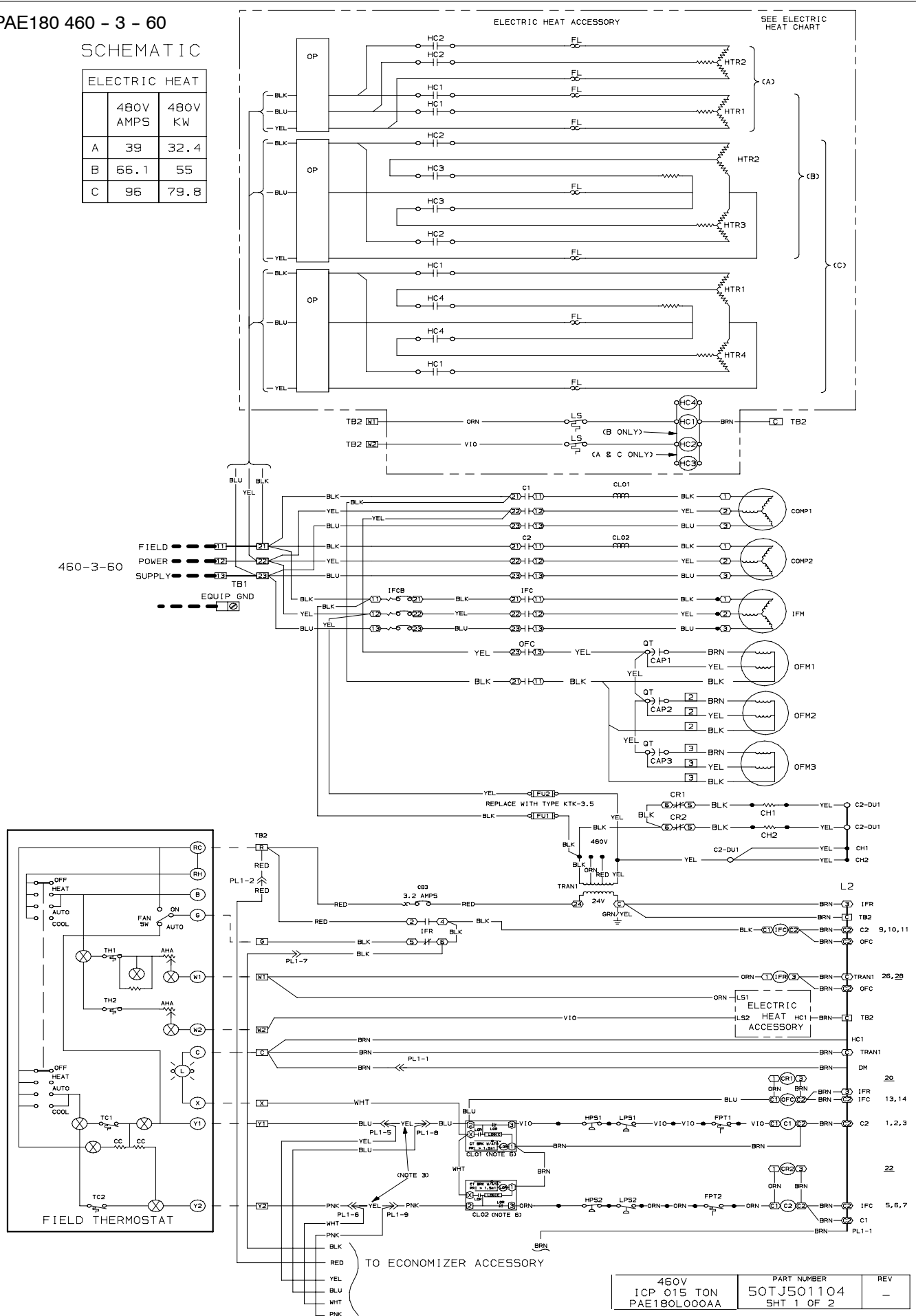
PAE180 460 - 3 - 60

SCHEMATIC

ELECTRIC HEAT		
	480V AMPS	480V KW
A	39	32.4
B	66.1	55
C	96	79.8

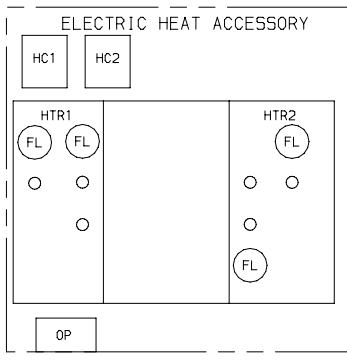
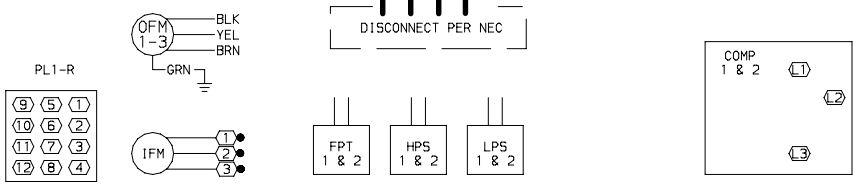
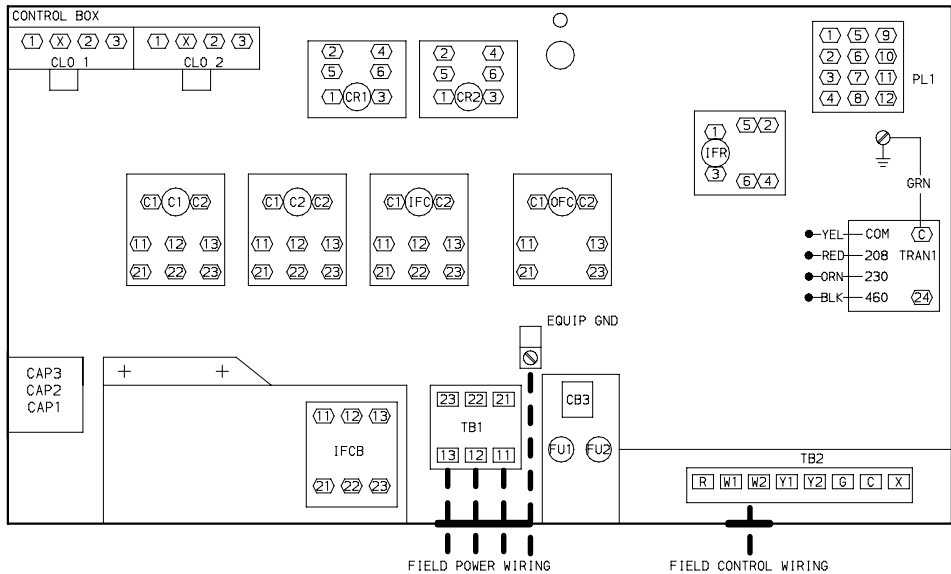
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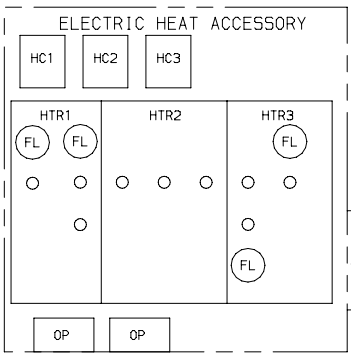


460V 1CP 015 TON PAE180L000AA	PART NUMBER 50TJ501104 SHT 1 OF 2	REV -
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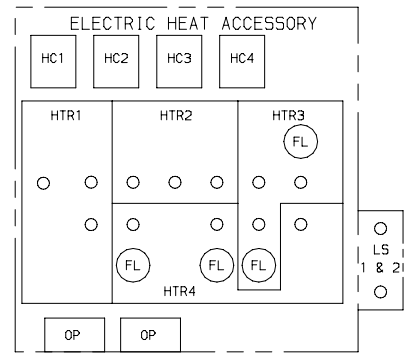
COMPONENT ARRANGEMENT



(A)



(B)



(C)

NOTES

1. COMPRESSOR AND/OR FAN MOTOR(S) THERMALLY PROTECTED----- THREE PHASE MOTORS PROTECTED AGAINST PRIMARY SINGLE PHASING CONDITIONS.
2. IF ANY OF THE ORIGINAL WIRE FURNISHED MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE 90°C WIRE OR ITS EQUIVALENT.
3. JUMPERS ARE OMITTED WHEN UNIT IS EQUIPPED WITH ECONOMIZER.
5. IFCB MUST TRIP AMPS ARE EQUAL TO OR LESS THAN 140% FLA.
6. THE CLO LOCKS OUT THE COMPRESSOR TO PREVENT SHORT CYCLING ON COMPRESSOR OVERLOAD AND SAFETY DEVICES, BEFORE REPLACING CLO, CHECK THESE DEVICES.
7. NUMBER(S) INDICATES THE LINE LOCATION OF USED CONTACTS. A BRACKET OVER (2) NUMBERS SIGNIFIES A SINGLE POLE,DOUBLE THROW CONTACT.AN UNDERLINED NUMBER SIGNIFIES A NORMALLY CLOSED CONTACT.PLAIN (NO LINE) NUMBER SIGNIFIES A NORMALLY OPEN CONTACT.

LEGEND

- TERMINAL (MARKED)
- TERMINAL (UNMARKED)
- TERMINAL BLOCK
- SPLICE

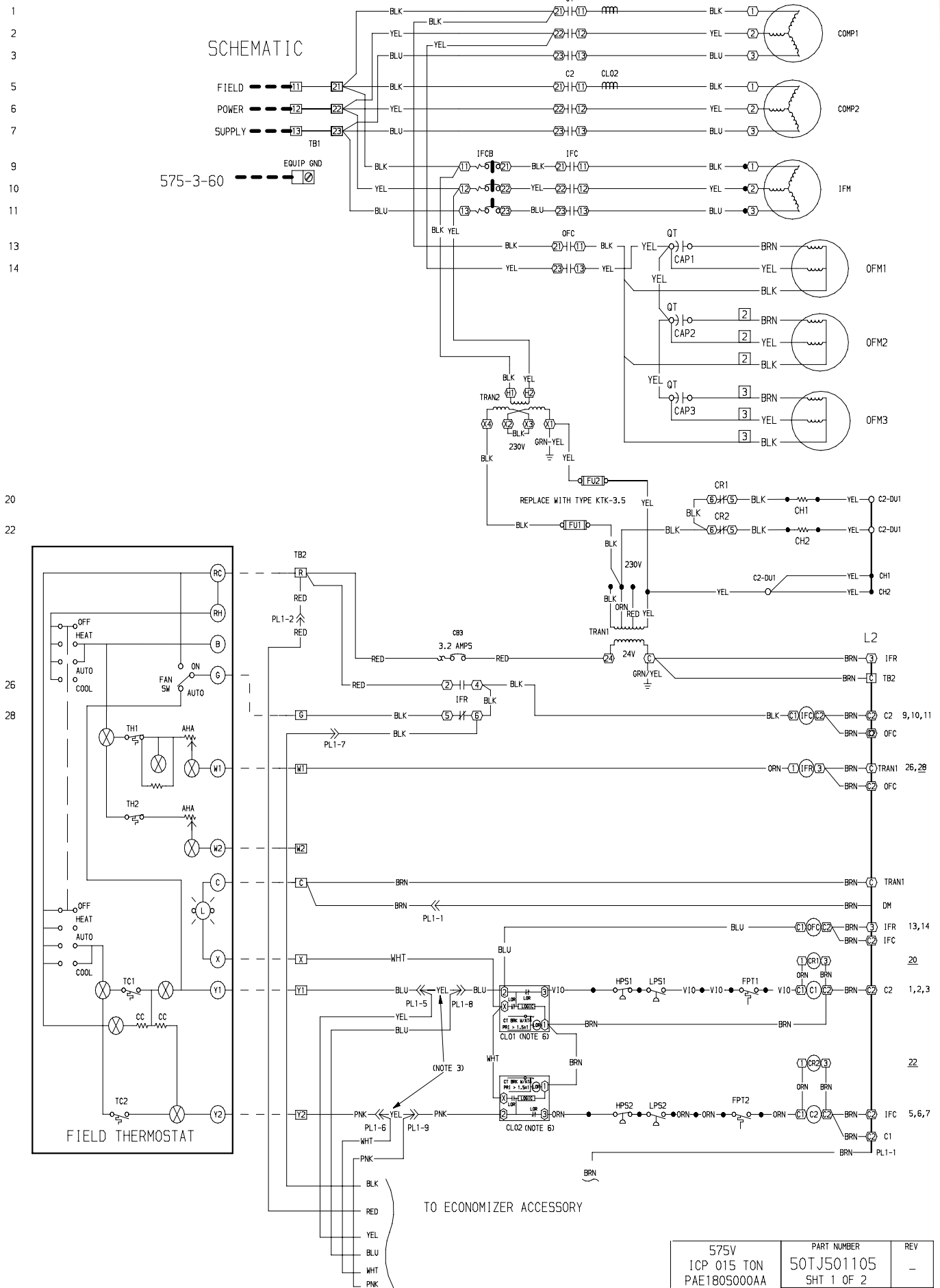
- FACTORY WIRING
- FIELD WIRING
- TO INDICATE COMMON POTENTIAL ONLY: NOT TO REPRESENT WIRING
- OPTION/ACCESSORY WIRING

AHA ADJUSTABLE HEAT ANTICIPATOR BRK W/AT BREAKS WITH AMP TURNS C CONTACTOR,COMPRESSOR CAP CAPACITOR CB CIRCUIT BREAKER CC COOLING COMPENSATOR CH CRANKCASE HEATER CLO COMPRESSOR LOCKOUT CLS COOLING LOCKOUT SWITCH COMP COMPRESSOR MOTOR CR CONTROL RELAY DAT DISCHARGE AIR THERMISTOR DM DAMPER MOTOR DU DUMMY TERMINAL EQUIP EQUIPMENT FL FUSE LINK FPT FREEZE PROTECTION THERMOSTAT FU FUSE GND GROUND HC HEATER CONTACTOR HPS HIGH PRESSURE SWITCH HTR HEATER	IFC INDOOR FAN CONTACTOR IFCB INDOOR FAN CIRCUIT BREAKER IFM INDOOR FAN MOTOR IFR INDOOR FAN RELAY IP INTERNAL PROTECTOR L LIGHT LLSV LIQ LINE SOLONOID VALVE LPS LOW PRESSURE SWITCH LS LIMIT SWITCH MAT MIXED AIR THERMOSTAT OAT OUTDOOR AIR THERMOSTAT OFC OUTDOOR FAN CONTACTOR OFM OUTDOOR FAN MOTOR OP OVERCURRENT PROTECTOR PL PLUG ASSEMBLY PRI PRIMARY SR SOLONOID RELAY SW SWITCH TB TERMINAL BLOCK TC THERMOSTAT COOLING TDR TIME DELAY RELAY TH THERMOSTAT HEATING TRAN TRANSFORMER
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460V ICP 015 TON PAE180L000AA	PART NUMBER 50TJ501104 SHT 2 OF 2	REV -
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PAE180 575 - 3 - 60

SCHEMATIC

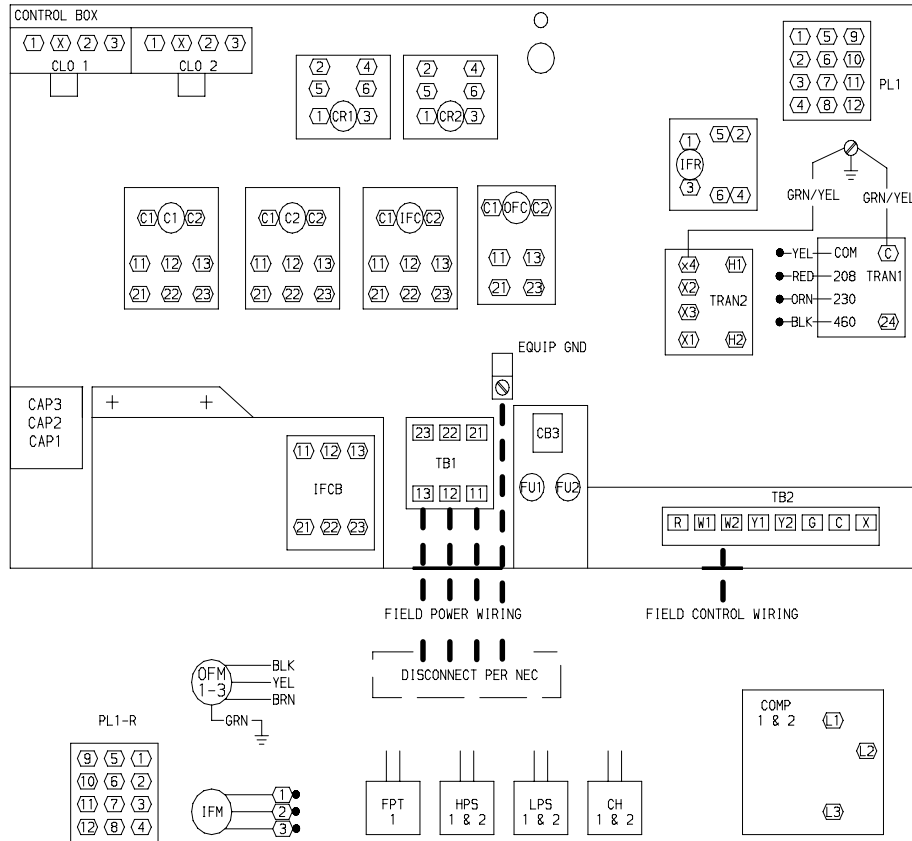


FIELD --- 11 --- 21
 POWER --- 12 --- 22
 SUPPLY --- 13 --- 23
 TB1
 575-3-60 --- EQUIP GND --- 2

TO ECONOMIZER ACCESSORY

575V 1CP 015 TON PAE180S000AA	PART NUMBER 50TJ501105 SHT 1 OF 2	REV -
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COMPONENT ARRANGEMENT



NOTES

1. COMPRESSOR AND/OR FAN MOTOR(S) THERMALLY PROTECTED-----
THREE PHASE MOTORS PROTECTED AGAINST PRIMARY SINGLE PHASING CONDITIONS.
2. IF ANY OF THE ORIGINAL WIRE FURNISHED MUST BE REPLACED,
IT MUST BE REPLACED WITH TYPE 90°C WIRE OR ITS EQUIVALENT.
3. JUMPERS ARE OMITTED WHEN UNIT IS EQUIPPED WITH ECONOMIZER.
5. IFCB MUST TRIP AMPS ARE EQUAL TO OR LESS THAN 140% FLA.
6. THE CLO LOCKS OUT THE COMPRESSOR TO PREVENT SHORT CYCLING ON
COMPRESSOR OVERLOAD AND SAFETY DEVICES; BEFORE REPLACING CLO,
CHECK THESE DEVICES.
7. NUMBER(S) INDICATES THE LINE LOCATION OF USED CONTACTS.
A BRACKET OVER (2) NUMBERS SIGNIFIES A SINGLE POLE,DOUBLE
THROW CONTACT,AN UNDERLINED NUMBER SIGNIFIES A NORMALLY CLOSED
CONTACT.PLAIN (NO LINE) NUMBER SIGNIFIES A NORMALLY OPEN CONTACT.

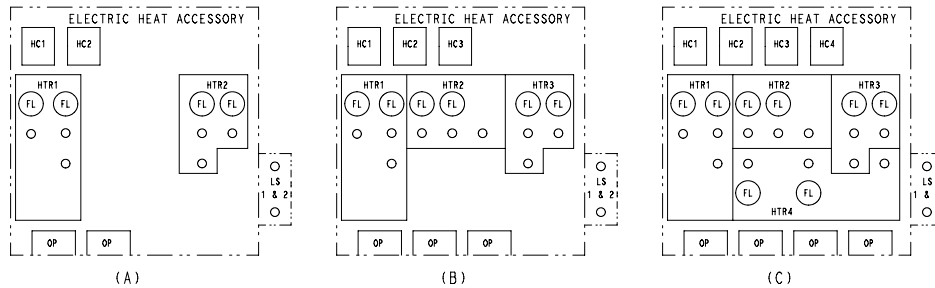
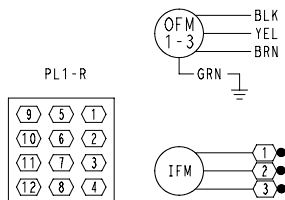
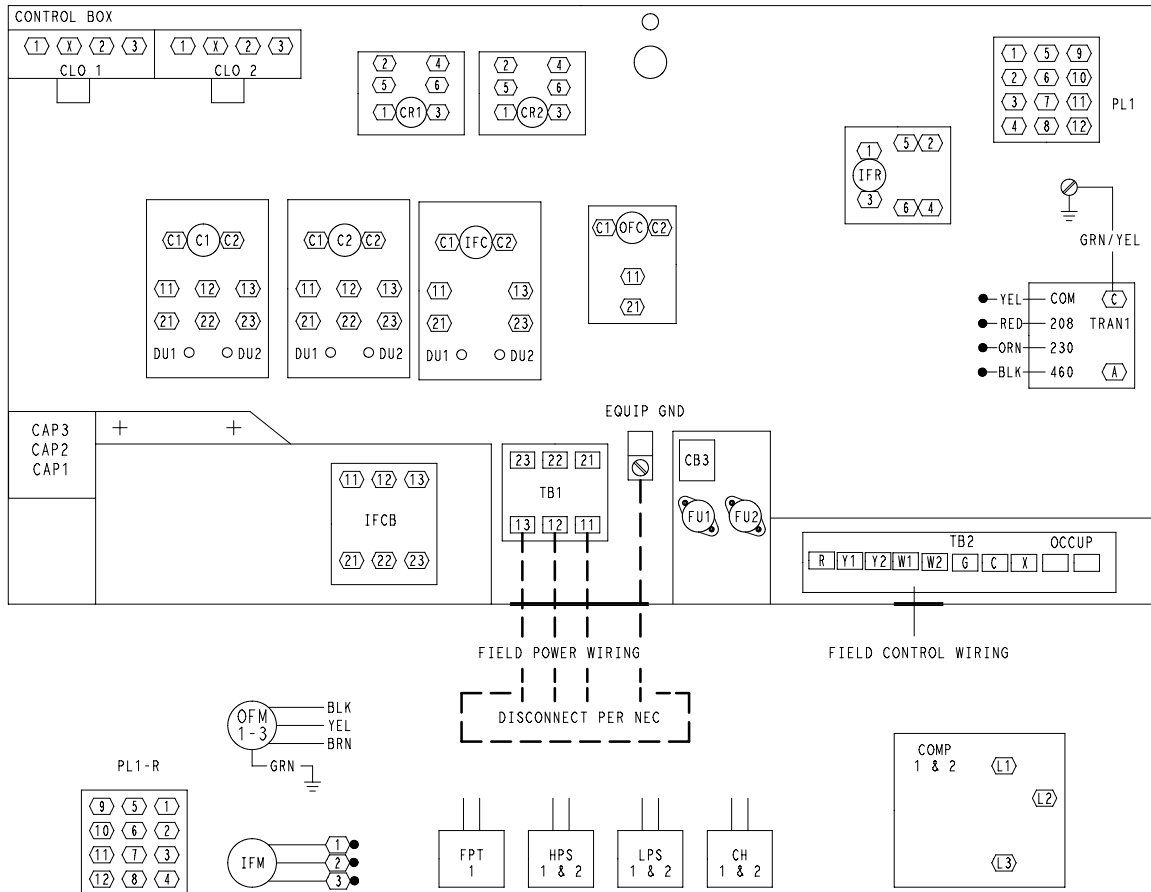
LEGEND

- TERMINAL (MARKED)
- TERMINAL (UNMARKED)
- TERMINAL BLOCK
- SPLICE

- FACTORY WIRING
- FIELD WIRING
- OPTION/ACCESSORY WIRING
- TO INDICATE COMMON POTENTIAL ONLY;
NOT TO REPRESENT WIRING

AHA	ADJUSTABLE HEAT ANTICIPATOR	IFC	INDOOR FAN CONTACTOR
BRK W/AT	BREAKS WITH AMP TURNS	IFCB	INDOOR FAN CIRCUIT BREAKER
C	CONTACTOR, COMPRESSOR	IFM	INDOOR FAN MOTOR
CAP	CAPACITOR	IFR	INDOOR FAN RELAY
CB	CIRCUIT BREAKER	IP	INTERNAL PROTECTOR
CC	COOLING COMPENSATOR	L	LIGHT
CH	CRANKCASE HEATER	LLSV	LIQ LINE SOLENOID VALVE
CLO	COMPRESSOR LOCKOUT	LPS	LOW PRESSURE SWITCH
CLS	COOLING LOCKOUT SWITCH	LS	LIMIT SWITCH
COMP	COMPRESSOR MOTOR	MAT	MIXED AIR THERMOSTAT
CR	CONTROL RELAY	OAT	OUTDOOR AIR THERMOSTAT
DAT	DISCHARGE AIR THERMISTOR	OFC	OUTDOOR FAN CONTACTOR
DM	DAMPER MOTOR	OFM	OUTDOOR FAN MOTOR
DU	DUMMY TERMINAL	PL	PLUG ASSEMBLY
EQUIP	EQUIPMENT	PRI	PRIMARY
FPT	FREEZE PROTECTION THERMOSTAT	SR	SOLENOID RELAY
FU	FUSE	SW	SWITCH
GND	GROUND	TB	TERMINAL BLOCK
HPS	HIGH PRESSURE SWITCH	TC	THERMOSTAT COOLING
		TDR	TIME DELAY RELAY
		TH	THERMOSTAT HEATING
		TRAN	TRANSFORMER

575V	PART NUMBER	REV
ICP 015 TON	50TJ501105	-
PAE180S000AA	SHT 2 OF 2	



NOTES

1. COMPRESSOR AND/OR FAN MOTOR(S) THERMALLY PROTECTED. THREE PHASE MOTORS PROTECTED AGAINST PRIMARY SINGLE PHASING CONDITIONS.
2. IF ANY OF THE ORIGINAL WIRE FURNISHED MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE 90°C OR ITS EQUIVALENT.
3. JUMPERS ARE OMITTED WHEN UNIT IS EQUIPPED WITH ECONOMIZER.
4. IFCB MUST TRIP AMPS IS EQUAL TO OR LESS THAN 140% FLA.
5. TRAN1 IS WIRED FOR 230V OPERATION. IF UNIT IS 208V CONNECT THE BLACK WIRES TO THE RED LEAD ON TRAN1.
6. THE CLO LOCKS OUT THE COMPRESSOR TO PREVENT SHORT CYCLING ON COMPRESSOR OVERLOAD AND SAFETY DEVICES; BEFORE REPLACING CLO, CHECK THESE DEVICES.
7. NUMBER(S) INDICATES THE LINE LOCATION OF USED CONTACTS. A BRACKET OVER (2) NUMBERS SIGNIFIES A SINGLE POLE, DOUBLE THROW CONTACT. AN UNDERLINED NUMBER SIGNIFIES A NORMALLY CLOSED CONTACT. PLAIN (NO LINE) NUMBER SIGNIFIES A NORMALLY OPEN CONTACT.

LEGEND

- TERMINAL (MARKED)
- TERMINAL (UNMARKED)
- TERMINAL BLOCK
- SPLICE
- FACTORY WIRING
- FIELD WIRING
- TO INDICATE COMMON POTENTIAL ONLY: NOT TO REPRESENT WIRING
- OPTION/ACCESSORY WIRING

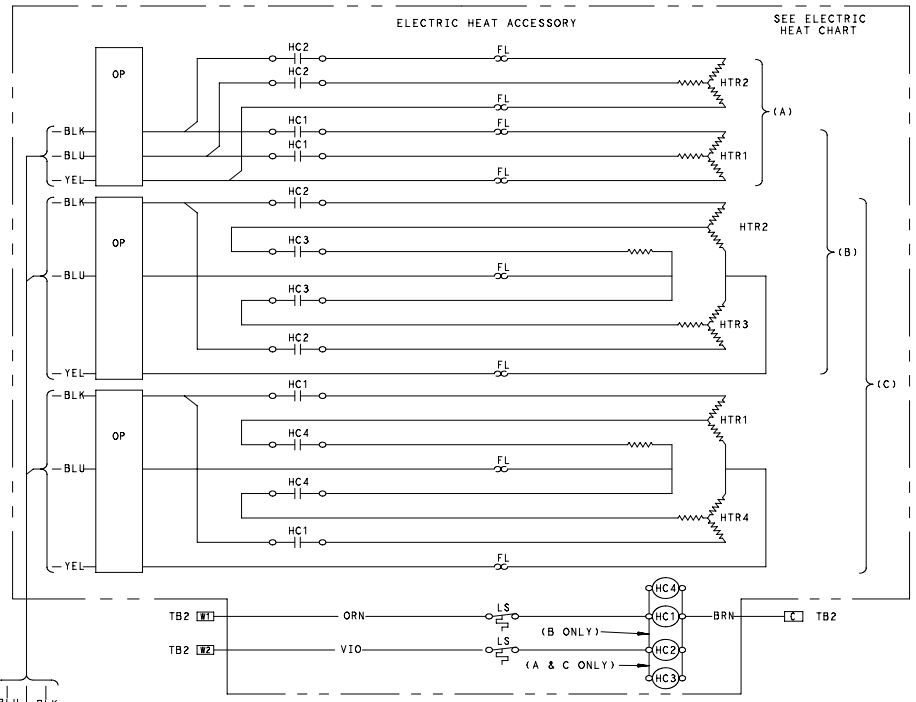
AHA	ADJUSTABLE HEAT ANTICIPATOR	IFCB	INDOOR FAN CIRCUIT BREAKER
BRK W/AT	BREAKS WITH AMP TURNS	IFM	INDOOR FAN MOTOR
C	CONTACTOR, COMPRESSOR	IFR	INDOOR FAN RELAY
CB	CIRCUIT BREAKER	IP	INTERNAL PROTECTOR
CC	COOLING COMPENSATOR	L	LIGHT
CH	CRANKCASE HEATER	LLSV	LIQUID LINE SOLENOID
CLO	DISCHARGE AIR THERMISTOR	LPS	LOW PRESSURE SWITCH
CLS	COOLING LOCKOUT SWITCH	LS	LIMIT SWITCH
COMP	COMPRESSOR MOTOR	MAT	MIXED AIR THERMOSTAT
CR	CONTROL RELAY	OAT	OUTDOOR AIR THERMOSTAT
DAT	DAMPER MOTOR	OFC	OUTDOOR FAN CONTACTOR
DM	DAMPER MOTOR	OFM	OUTDOOR FAN MOTOR
DU	DUMMY TERMINAL	OP	OVERCURRENT PROTECTOR
EQUIP	EQUIPMENT	PL	PLUG ASSEMBLY
FL	FUSE LINK	PRI	PRIMARY
FPT	FREEZE PROTECTION THERMOSTAT	SR	SOLENOID RELAY
FU	FUSE	SW	SWITCH
GND	GROUND	TB	TERMINAL BLOCK
HC	HEATER CONTACTOR	TC	THERMOSTAT COOLING
HPS	HIGH PRESSURE SWITCH	TDR	TIME DELAY RELAY
HTR	HEATER	TH	THERMOSTAT HEATING
IFC	INDOOR FAN CONTACTOR	TRAN	TRANSFORMER

208/230V PAE210	PART NUMBER 50TJ501444 SHT 3 OF 3	REV 2.0
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PAE210 460 - 3 - 60

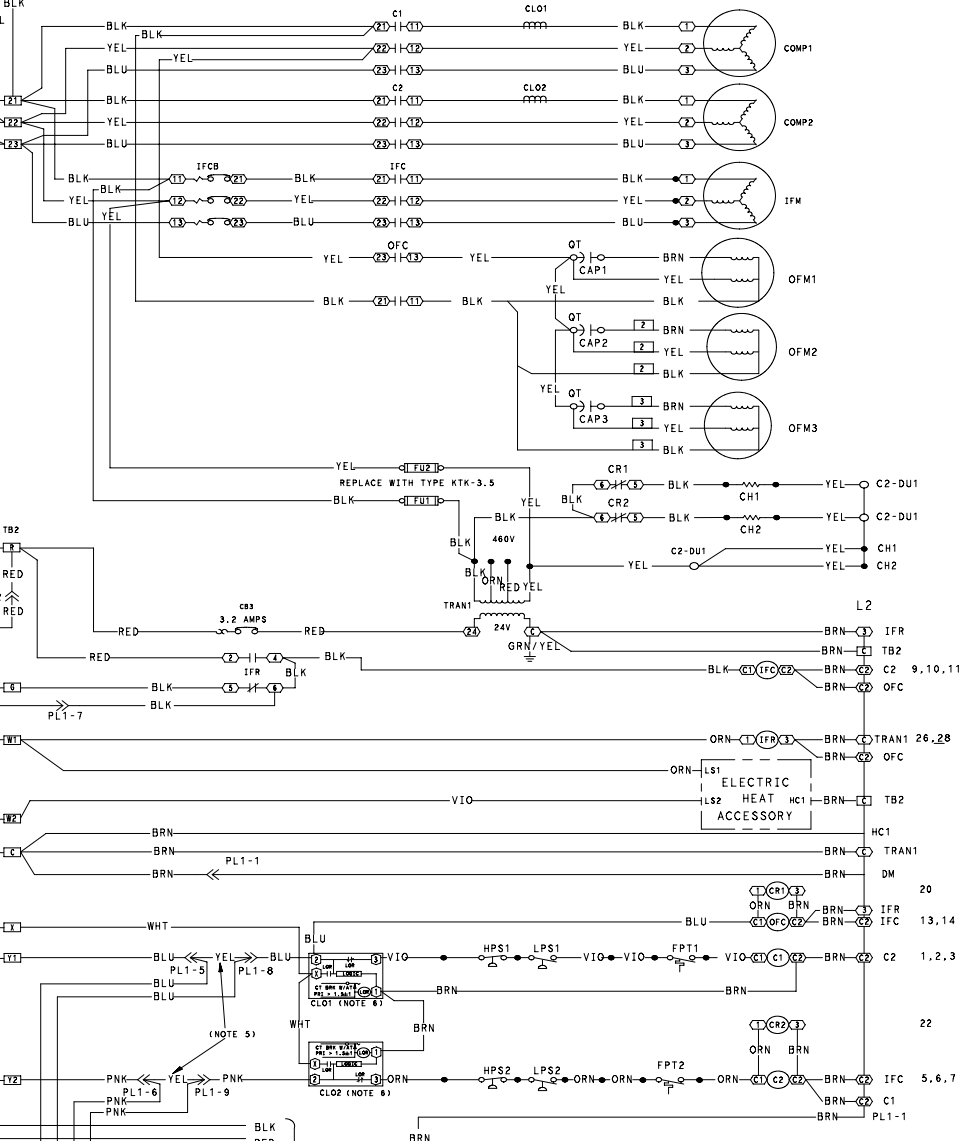
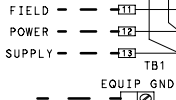
SCHEMATIC

ELECTRIC HEAT		
	480V AMPS	480V KW
A	39	32.4
B	66.1	55
C	96	79.8

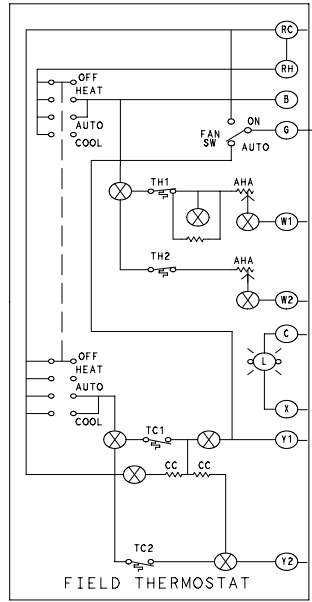


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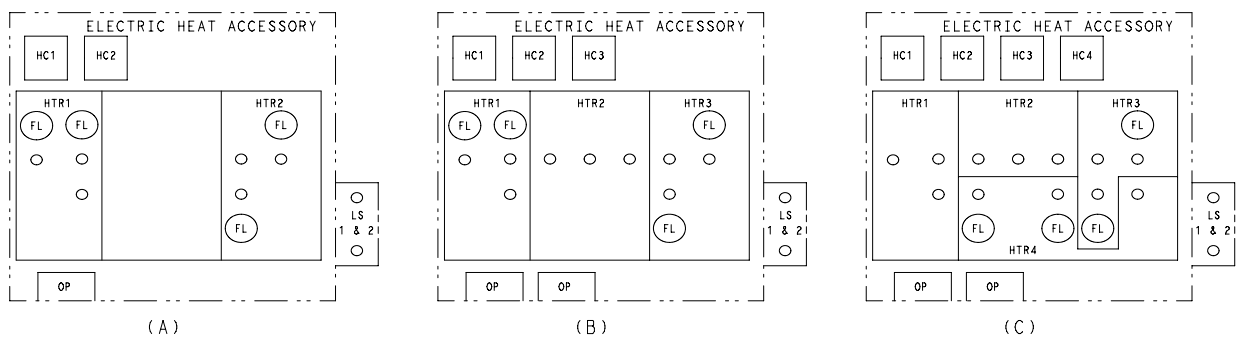
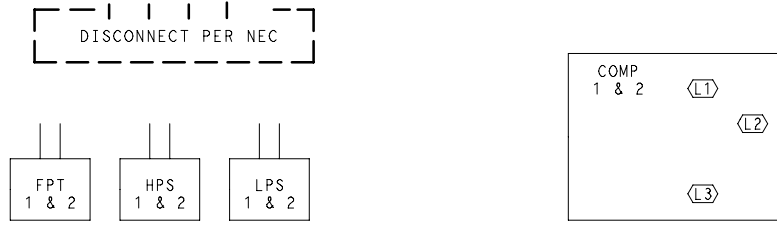
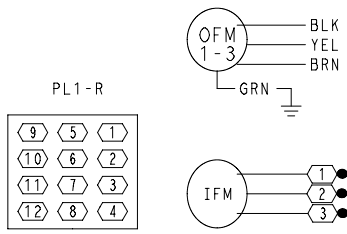
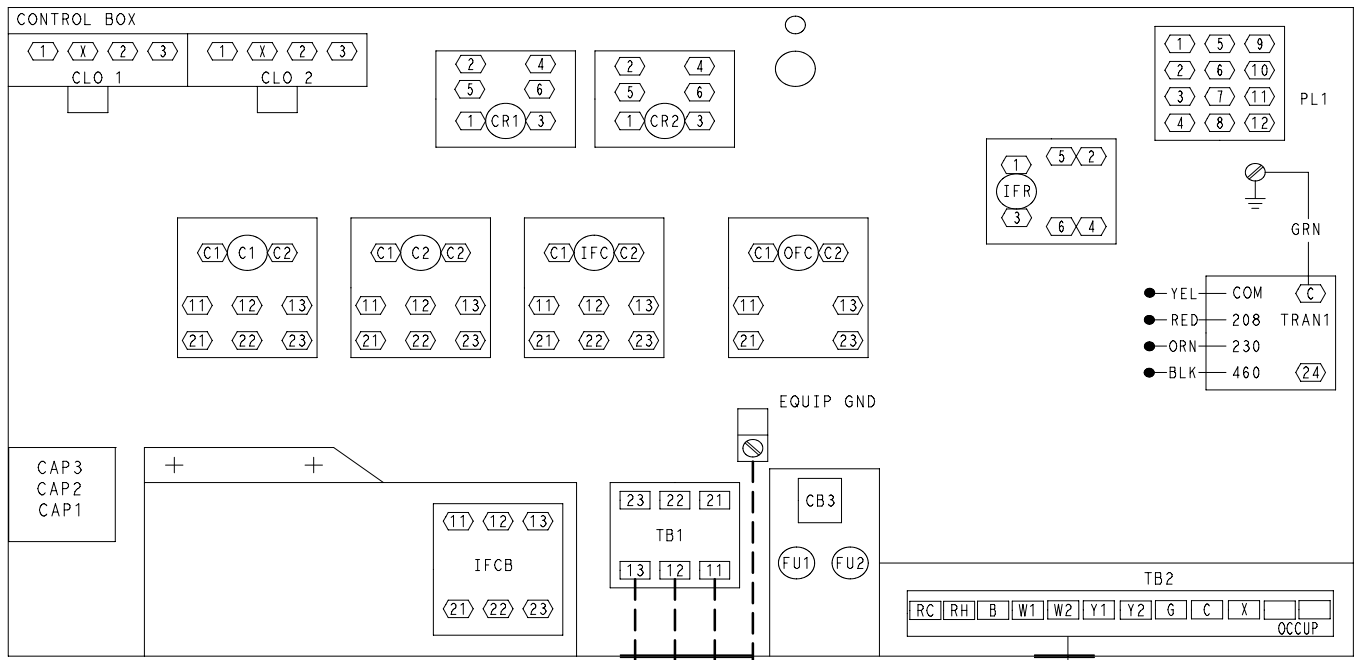
460-3-60



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460V PAE210	PART NUMBER 50TJ501445 SHT 2 OF 3	REV 2.0
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- LEGEND**
- ○ TERMINAL (MARKED)
 - ○ ○ TERMINAL (UNMARKED)
 - TERMINAL BLOCK
 - SPLICE
 - ===== FACTORY WIRING
 - ===== FIELD WIRING
 - ===== TO INDICATE COMMON POTENTIAL ONLY:
 - NOT TO REPRESENT WIRING
 - OPTION/ACCESSORY WIRING

NOTES

1. COMPRESSOR AND/OR FAN MOTOR(S) THERMALLY PROTECTED. THREE PHASE MOTORS PROTECTED AGAINST PRIMARY SINGLE PHASING CONDITIONS.
2. IF ANY OF THE ORIGINAL WIRE FURNISHED MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE 90°C WIRE OR ITS EQUIVALENT.
3. CB1,2 MUST TRIP AMPS ARE EQUAL TO OR LESS THAN 156% FLA, IFCB 140%.
4. THE CLO LOCKS OUT THE COMPRESSOR TO PREVENT SHORT CYCLING ON COMPRESSOR OVERLOAD AND SAFETY DEVICES; BEFORE REPLACING CLO, CHECK THESE DEVICES.
5. JUMPERS ARE OMITTED WHEN UNIT IS EQUIPPED WITH ECONOMIZER.
6. NUMBER(S) INDICATES THE LINE LOCATION OF USED CONTACTS. A BRACKET OVER (2) NUMBERS SIGNIFIES A SINGLE POLE, DOUBLE THROW CONTACT. AN UNDERLINED NUMBER SIGNIFIES A NORMALLY CLOSED CONTACT. PLAIN (NO LINE) NUMBER SIGNIFIES A NORMALLY OPEN CONTACT.

AHA BRK W/AT C CB CC CH CLO CLS COMP CR DAT DM DU EQUIP FU FPT FU GND HC HPS HTR IFC	ADJUSTABLE HEAT ANTICIPATOR BREAKS WITH AMP TURNS CONTACTOR, COMPRESSOR CIRCUIT BREAKER COOLING COMPENSATOR CRANKCASE HEATER COMPRESSOR LOCKOUT COOLING LOCKOUT SWITCH COMPRESSOR MOTOR CONTROL RELAY DISCHARGE AIR THERMISTOR DAMPER MOTOR DUMMY TERMINAL EQUIPMENT FUSE LINK FREEZE PROTECTION THERMOSTAT FUSE GROUND HEATER CONTACTOR HIGH PRESSURE SWITCH HEATER INDOOR FAN CONTACTOR	IFCB IFM OAT IFR IP L LLSV LPS LS MAT MIXED AIR THERMOSTAT OAT OFC OFM OP OP PRI PRI SR SW TB TC TOR TH TRAN	INDOOR FAN CIRCUIT BREAKER INDOOR FAN MOTOR INDOOR FAN RELAY INTERNAL PROTECTOR LIGHT LIQUID LINE SOLENOID LOW PRESSURE SWITCH LIMIT SWITCH MIXED AIR THERMOSTAT OUTDOOR AIR THERMOSTAT OUTDOOR FAN CONTACTOR OUTDOOR FAN MOTOR OVERCURRENT PROTECTOR PLUG ASSEMBLY PRIMARY SOLENOID RELAY SWITCH TERMINAL BLOCK THERMOSTAT COOLING TIME DELAY RELAY THERMOSTAT HEATING TRANSFORMER
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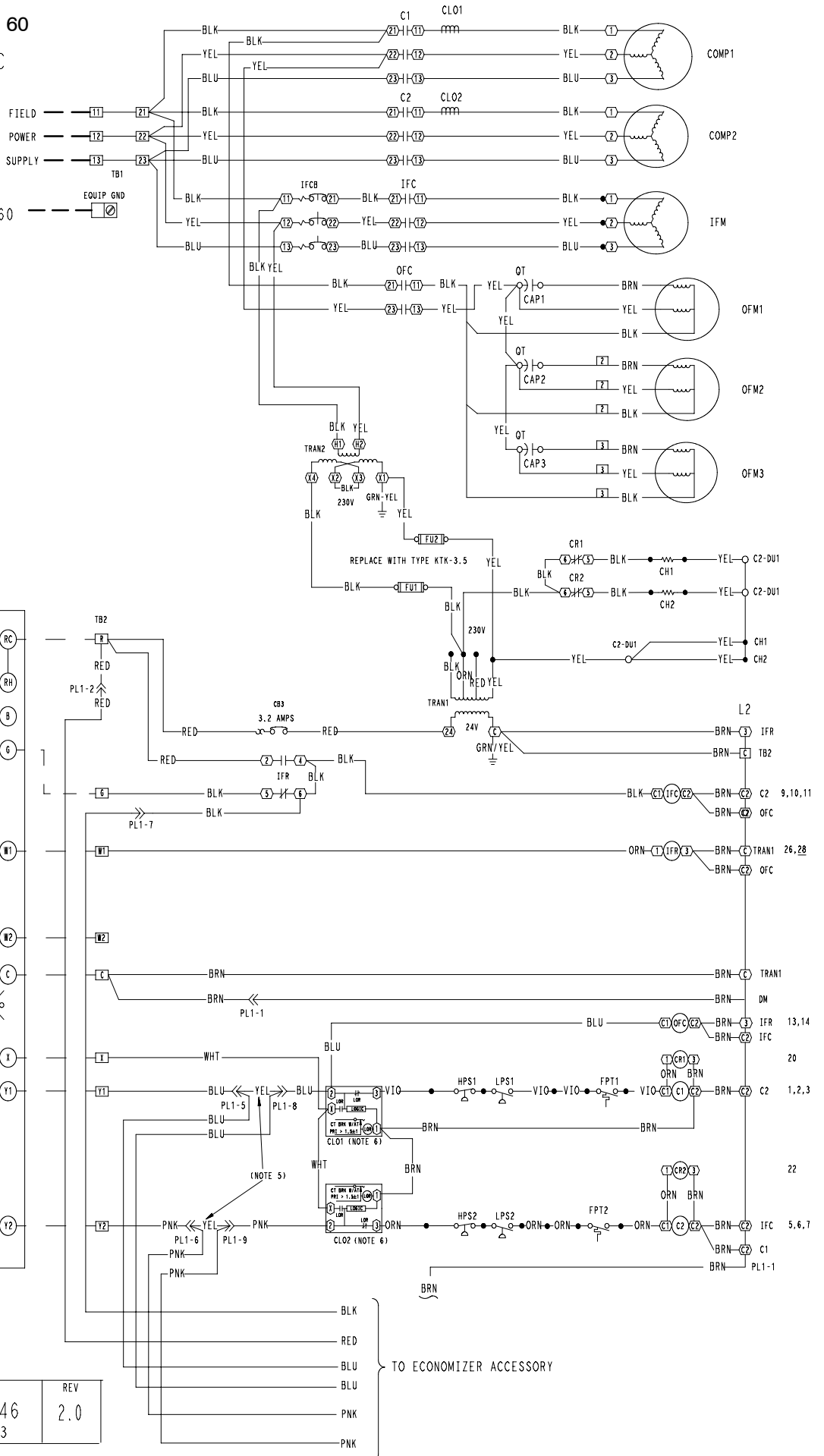
460V PAE210	PART NUMBER 50TJ501445 SHT 3 OF 3	REV 2.0
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PAE210 575 - 3 - 60

SCHEMATIC

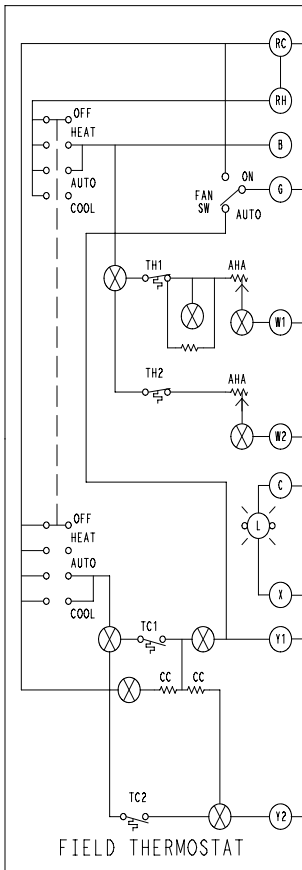
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575-3-60



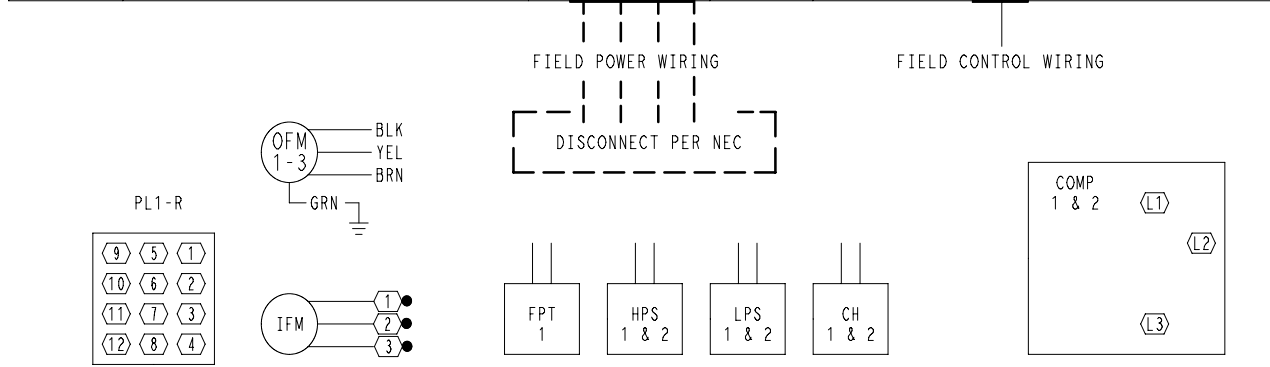
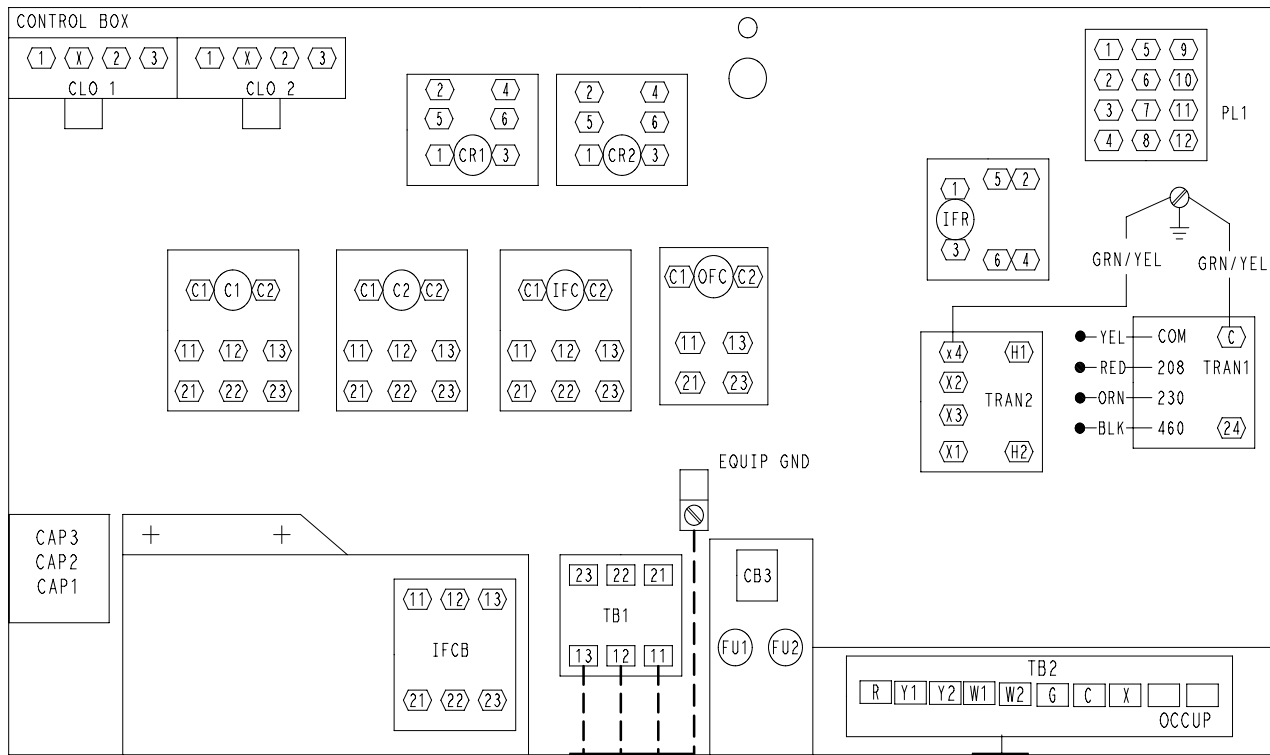
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575V PAE210	PART NUMBER 50TJ501446 SHT 2 OF 3	REV 2.0
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TO ECONOMIZER ACCESSORY



NOTES

1. COMPRESSOR AND/OR FAN MOTOR(S) THERMALLY PROTECTED THREE PHASE MOTORS PROTECTED AGAINST PRIMARY SINGLE PHASING CONDITIONS.
2. IF ANY OF THE ORIGINAL WIRE FURNISHED MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE 90°C OR ITS EQUIVALENT.
3. JUMPERS ARE OMITTED WHEN UNIT IS EQUIPPED WITH ECONOMIZER.
4. IFCB MUST TRIP AMPS IS EQUAL TO OR LESS THAN 140% FLA.
5. ON TRAN1 USE BLK LEAD FOR 460V POWER SUPPLY AND ORN LEAD FOR 575V POWER SUPPLY.
6. THE CLO LOCKS OUT THE COMPRESSOR TO PREVENT SHORT CYCLING ON COMPRESSOR OVERLOAD AND SAFETY DEVICES; BEFORE REPLACING CLO, CHECK THESE DEVICES.
7. NUMBER(S) INDICATES THE LINE LOCATION OF USED CONTACTS. A BRACKET OVER (2) NUMBERS SIGNIFIES A SINGLE POLE, DOUBLE THROW CONTACT. AN UNDERLINED NUMBER SIGNIFIES A NORMALLY CLOSED CONTACT. PLAIN (NO LINE) NUMBER SIGNIFIES A NORMALLY OPEN CONTACT.

575V PAE210	PART NUMBER 50TJ501446 SHT 3 OF 3	REV 2.0
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- LEGEND
- ◻ TERMINAL (MARKED)
 - TERMINAL (UNMARKED)
 - ◻ TERMINAL BLOCK
 - SPLICE
- FACTORY WIRING
 ————— FIELD WIRING
 ————— TO INDICATE COMMON POTENTIAL ONLY:
 NOT TO REPRESENT WIRING
 - - - - - OPTION/ACCESSORY WIRING

AHA	ADJUSTABLE HEAT ANTICIPATOR	IFCB	INDOOR FAN CIRCUIT BREAKER
BRK	BREAKS WITH AMP TURNS	IFM	INDOOR FAN MOTOR
C	CONTACTOR, COMPRESSOR	IFR	INDOOR FAN RELAY
CB	CIRCUIT BREAKER	IP	INTERNAL PROTECTOR
CC	COOLING COMPENSATOR	L	LIGHT
CH	CRANKCASE HEATER	LLSV	LIQUID LINE SOLENOID
CLO	COMPRESSOR LOCKOUT	LPS	LOW PRESSURE SWITCH
CLS	COOLING LOCKOUT SWITCH	LS	LIMIT SWITCH
COMP	COMPRESSOR MOTOR	MAT	MIXED AIR THERMOSTAT
CR	CONTROL RELAY	OAT	OUTDOOR AIR THERMOSTAT
DAT	DISCHARGE AIR THERMISTOR	OFC	OUTDOOR FAN CONTACTOR
DM	DAMPER MOTOR	OFM	OUTDOOR FAN MOTOR
DU	DUMMY TERMINAL	OP	OVERCURRENT PROTECTOR
EQUIP	EQUIPMENT	PL	PLUG ASSEMBLY
FL	FUSE LINK	PRI	PRIMARY
FPT	FREEZE PROTECTION THERMOSTAT	SR	SOLENOID RELAY
FU	FUSE	SW	SWITCH
GND	GROUND	TB	TERMINAL BLOCK
HC	HEATER CONTACTOR	TC	THERMOSTAT COOLING
HPS	HIGH PRESSURE SWITCH	TDR	TIME DELAY RELAY
HTR	HEATER	TH	THERMOSTAT HEATING
IFC	INDOOR FAN CONTACTOR	TRAN	TRANSFORMER

PAE240 208/230 - 3 - 60

SCHEMATIC

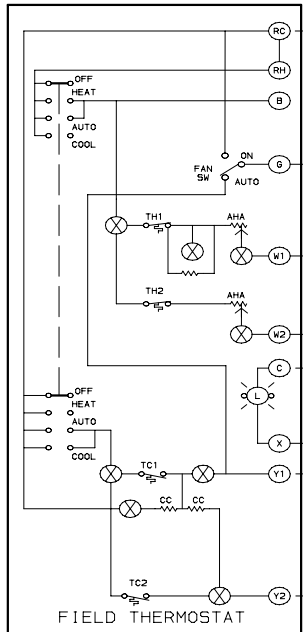
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	208/240V AMPS	200/230V KW
A	71.3/82.3	25.7/34.2
B	117/135	42.2/56.1
C	156/180	56.2/74.8

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208/230-3-60
220-3-50

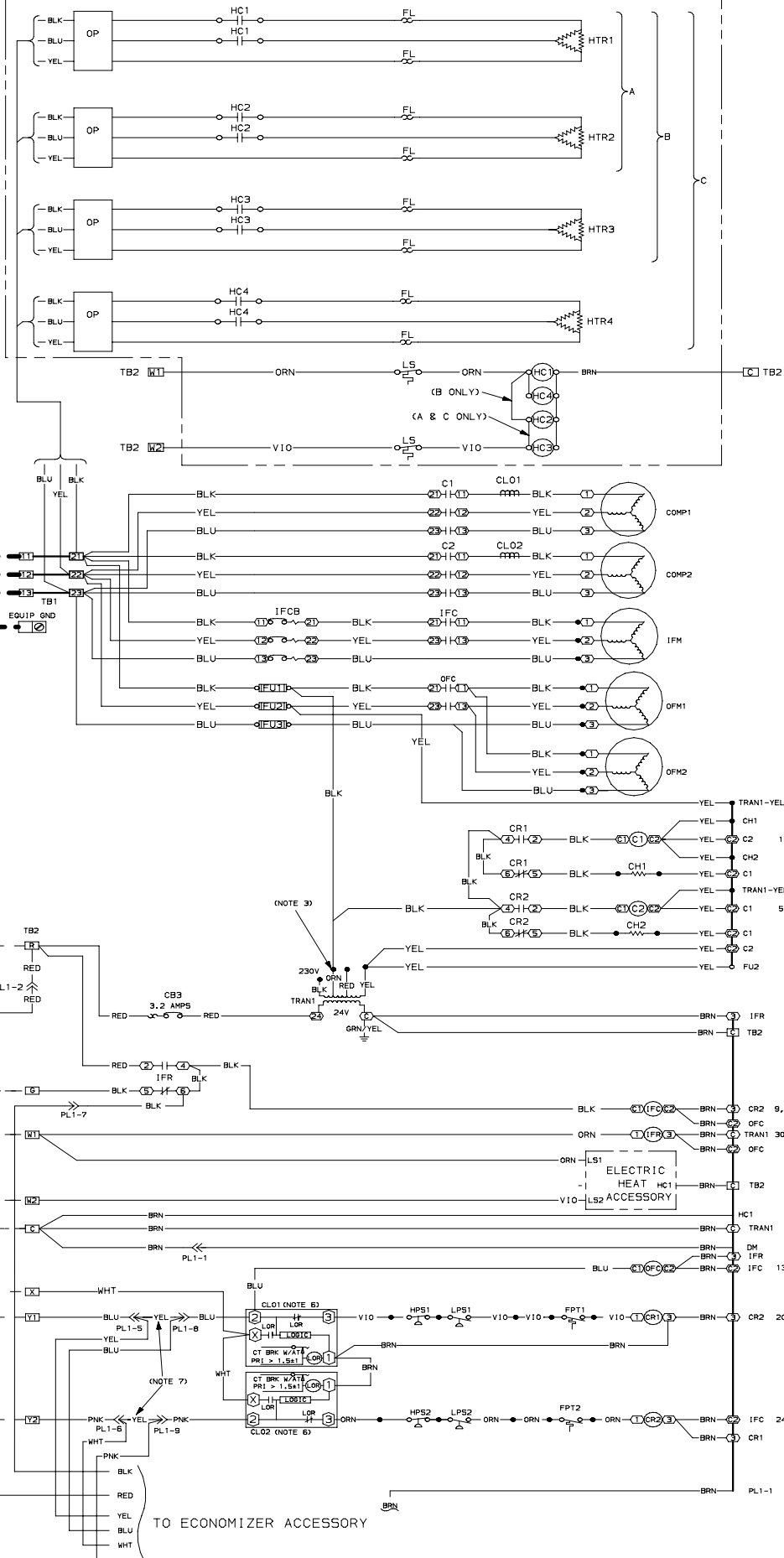
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POWER --- 12
SUPPLY --- 13
EQUIP. GND --- 14



FIELD THERMOSTAT

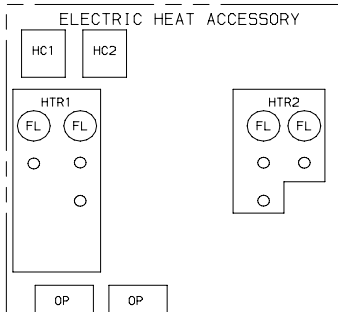
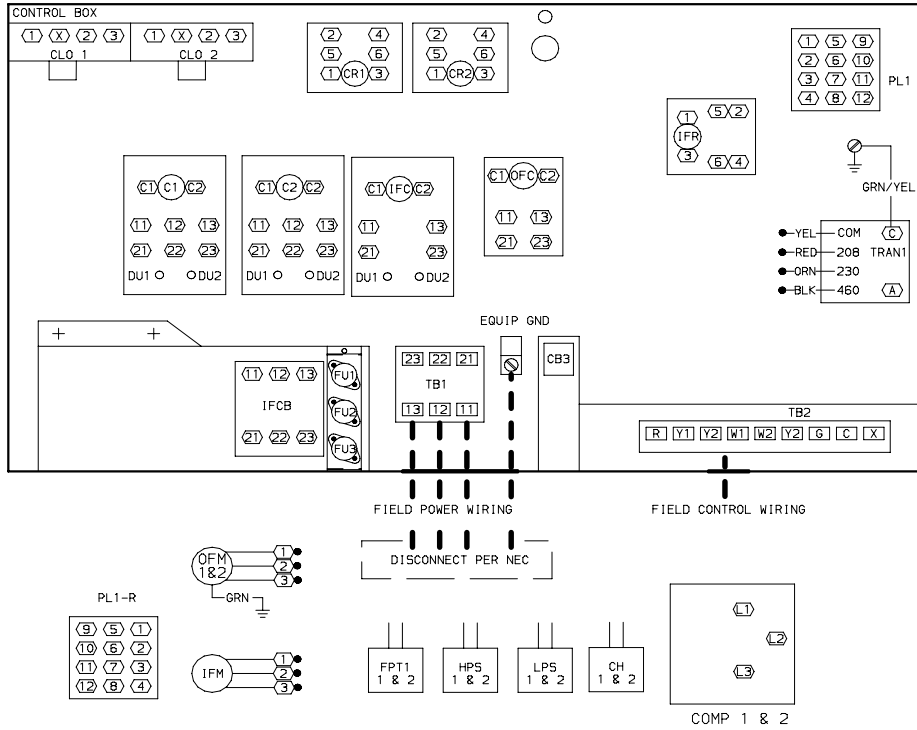
ELECTRIC HEAT ACCESSORY

SEE ELECTRIC HEAT CHART

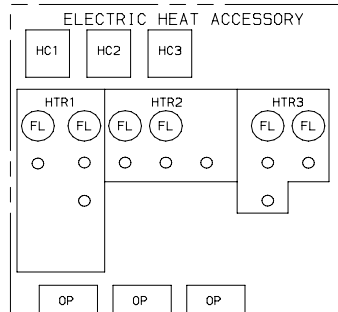


TO ECONOMIZER ACCESSORY

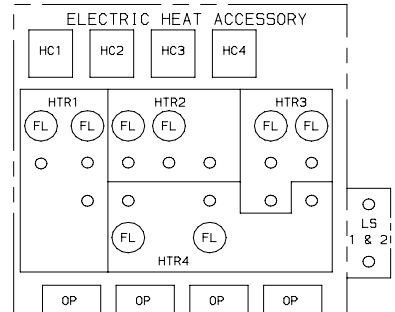
208/230V ICP 020 TON PAE240H000AA	PART NUMBER 50TJ501106 SHT 1 OF 2	REV -
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(A)



(B)



(C)

NOTES

1. COMPRESSOR AND/OR FAN MOTOR(S) THERMALLY PROTECTED----- THREE PHASE MOTORS PROTECTED AGAINST PRIMARY SINGLE PHASING CONDITIONS.
2. IF ANY OF THE ORIGINAL WIRE FURNISHED MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE 90°C WIRE OR ITS EQUIVALENT.
3. TRAN1 IS WIRED FOR 230V 60HZ OPERATION. IF UNIT IS 208V 60HZ, DISCONNECT THE BLACK WIRES FROM THE ORN TRAN1 WIRE AND RECONNECT TO THE RED TRAN1 WIRE, APPLY WIRENUTS TO WIRES.
5. IFCB MUST TRIP AMPS ARE EQUAL TO OR LESS THAN 140% FLA.
6. THE CLO LOCKS OUT THE COMPRESSOR TO PREVENT SHORT CYCLING ON COMPRESSOR OVERLOAD AND SAFETY DEVICES; BEFORE REPLACING CLO, CHECK THESE DEVICES.
7. JUMPERS ARE OMITTED WHEN UNIT IS EQUIPPED WITH ECONOMIZER.
8. NUMBER(S) INDICATES THE LINE LOCATION OF USED CONTACTS. A BRACKET OVER (2) NUMBERS SIGNIFIES A SINGLE POLE, DOUBLE THROW CONTACT. AN UNDERLINED NUMBER SIGNIFIES A NORMALLY CLOSED CONTACT. PLAIN (NO LINE) NUMBER SIGNIFIES A NORMALLY OPEN CONTACT.

LEGEND

- TERMINAL (MARKED)
- TERMINAL (UNMARKED)
- TERMINAL BLOCK
- SPLICE

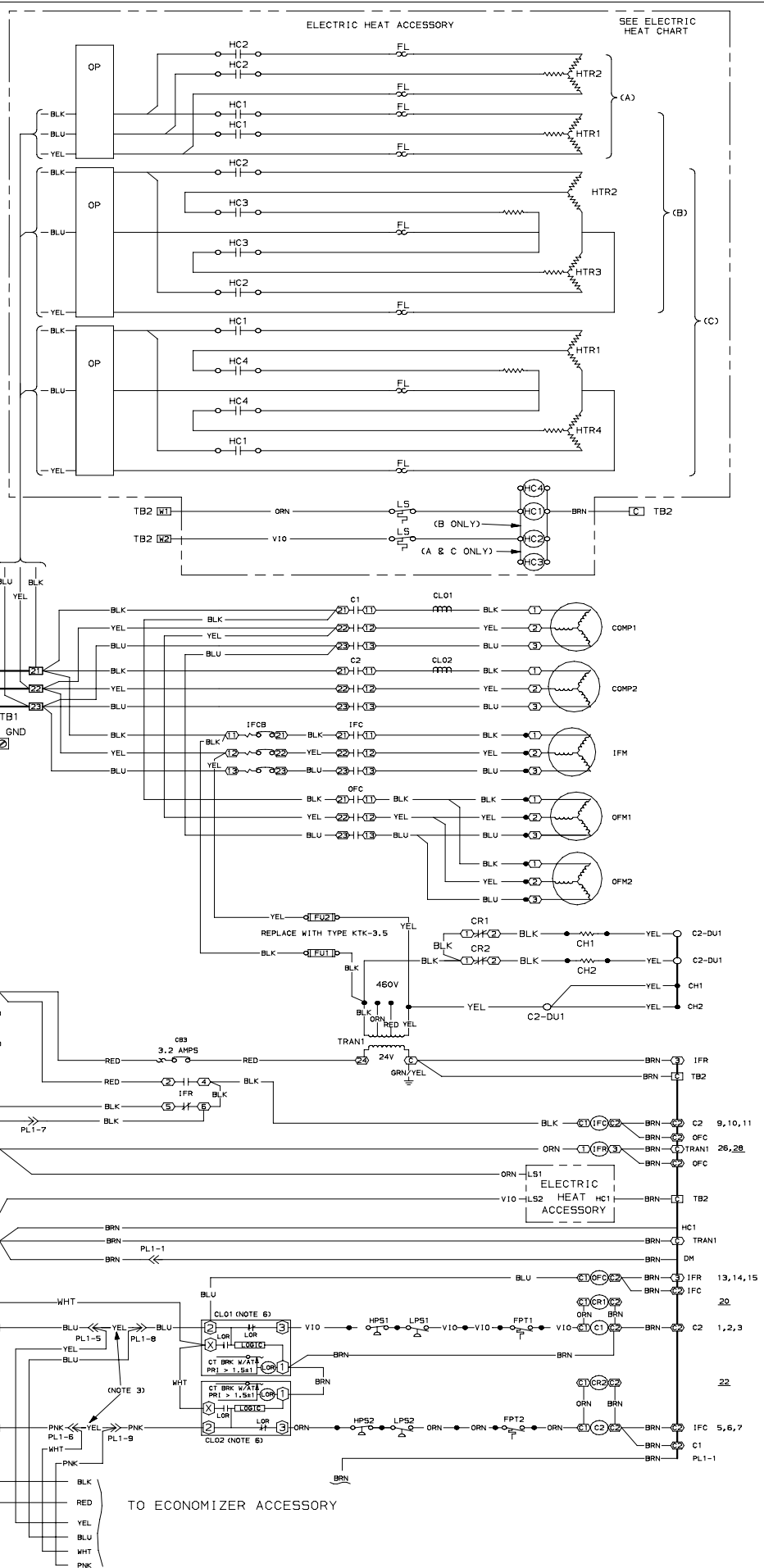
- FACTORY WIRING
- FIELD WIRING
- - - - - OPTION/ACCESSORY WIRING
- TO INDICATE COMMON POTENTIAL ONLY: NOT TO REPRESENT WIRING

AHA	ADJUSTABLE HEAT ANTICIPATOR	IFCB	INDOOR FAN CIRCUIT BREAKER
BRK W/AT	BREAKS WITH AMP TURNS	IFM	INDOOR FAN MOTOR
C	CONTACTOR, COMPRESSOR	IFR	INDOOR FAN RELAY
CB	CIRCUIT BREAKER	IP	INTERNAL PROTECTOR
CC	COOLING COMPENSATOR	L	LIGHT
CH	CRANKCASE HEATER	LLSV	LIQUID LINE SOLONOID
CLO	COMPRESSOR LOCKOUT	LPS	LOW PRESSURE SWITCH
CLS	COOLING LOCKOUT SWITCH	LS	LIMIT SWITCH
COMP	COMPRESSOR MOTOR	MAT	MIXED AIR THERMOSTAT
CR	CONTROL RELAY	OAT	OUTDOOR AIR THERMOSTAT
DAT	DISCHARGE AIR THERMISTOR	OFC	OUTDOOR FAN CONTACTOR
DM	DAMPER MOTOR	OFM	OUTDOOR FAN MOTOR
DU	DUMMY TERMINAL	OP	OVERCURRENT PROTECTOR
EQUIP	EQUIPMENT	PL	PLUG ASSEMBLY
FL	FUSE LINK	PRI	PRIMARY
FPT	FREEZE PROTECTION THERMOSTAT	SR	SOLONOID RELAY
FU	FUSE	SW	SWITCH
GND	GROUND	TB	TERMINAL BLOCK
HC	HEATER CONTACTOR	TC	THERMOSTAT COOLING
HPS	HIGH PRESSURE SWITCH	TDR	TIME DELAY RELAY
HTR	HEATER	TH	THERMOSTAT HEATING
IFC	INDOOR FAN CONTACTOR	TRAN	TRANSFORMER

208/230V ICP 020 TON PAE240H000AA	PART NUMBER 50TJ501106 SHT 2 OF 2	REV -
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SCHEMATIC

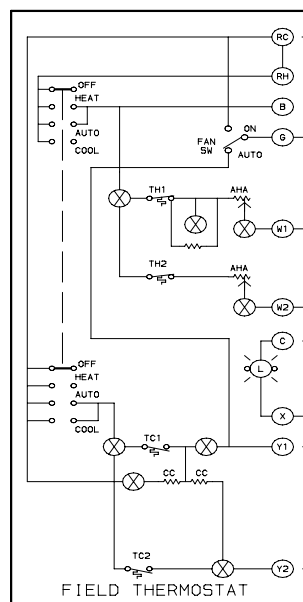
ELECTRIC HEAT		
	480V AMPS	480V KW
A	39	32.4
B	66.1	55
C	96	79.8



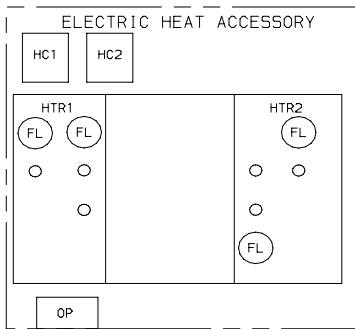
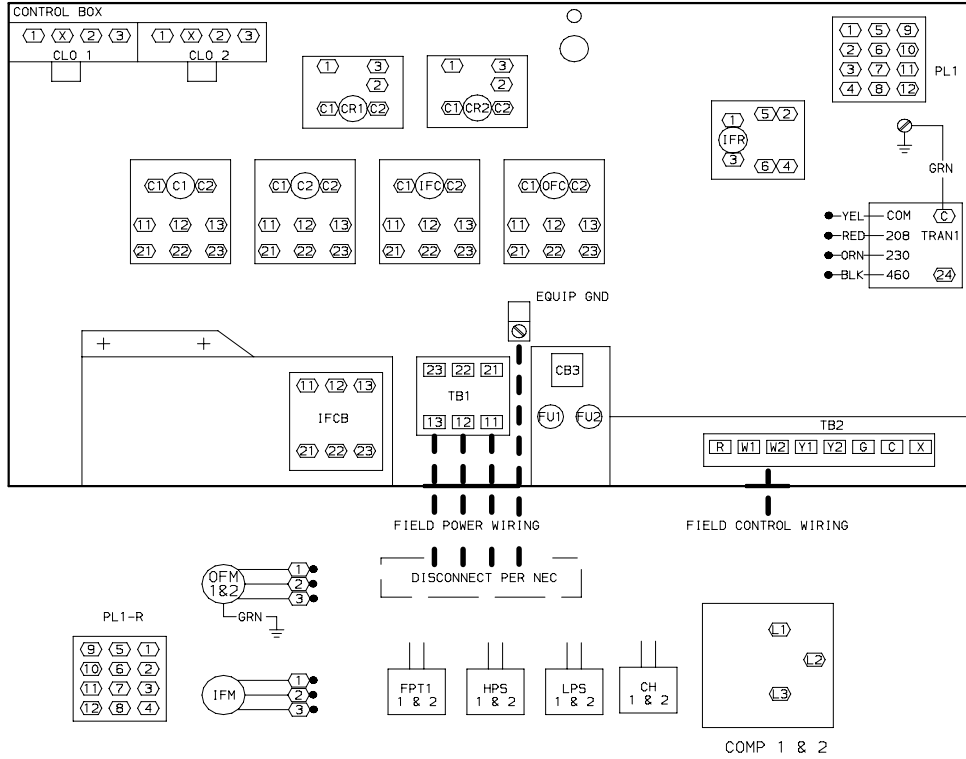
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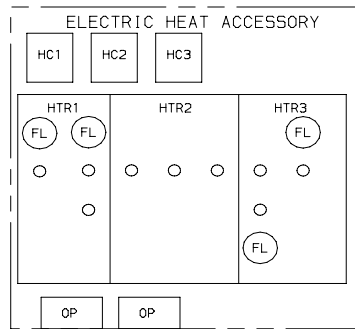
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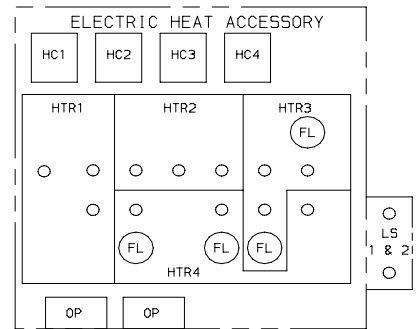
480V ICP 020 TON PAE240L000AA	PART NUMBER 50TJ501107 SHT 1 OF 2	REV -
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(A)



(B)



(C)

NOTES

1. COMPRESSOR AND/OR FAN MOTOR(S) THERMALLY PROTECTED----- THREE PHASE MOTORS PROTECTED AGAINST PRIMARY SINGLE PHASING CONDITIONS.
2. IF ANY OF THE ORIGINAL WIRE FURNISHED MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE 90°C WIRE OR ITS EQUIVALENT.
3. JUMPERS ARE OMITTED WHEN UNIT IS EQUIPPED WITH ECONOMIZER.
5. IFCB MUST TRIP AMPS ARE EQUAL TO OR LESS THAN 140% FLA.
6. THE CLO LOCKS OUT THE COMPRESSOR TO PREVENT SHORT CYCLING ON COMPRESSOR OVERLOAD AND SAFETY DEVICES; BEFORE REPLACING CLO, CHECK THESE DEVICES.
7. NUMBER(S) INDICATES THE LINE LOCATION OF USED CONTACTS. A BRACKET OVER (2) NUMBERS SIGNIFIES A SINGLE POLE, DOUBLE THROW CONTACT. AN UNDERLINED NUMBER SIGNIFIES A NORMALLY CLOSED CONTACT. PLAIN (NO LINE) NUMBER SIGNIFIES A NORMALLY OPEN CONTACT.

LEGEND

- TERMINAL (MARKED)
- TERMINAL (UNMARKED)
- TERMINAL BLOCK
- SPLICE

- FACTORY WIRING
- FIELD WIRING
- TO INDICATE COMMON POTENTIAL ONLY: NOT TO REPRESENT WIRING
- OPTION/ACCESSORY WIRING

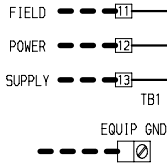
AHA	ADJUSTABLE HEAT ANTICIPATOR	IFCB	INDOOR FAN CIRCUIT BREAKER
BRK W/AT	BREAKS WITH AMP TURNS	IFM	INDOOR FAN MOTOR
C	CONTACTOR, COMPRESSOR	IFR	INDOOR FAN RELAY
CB	CIRCUIT BREAKER	IP	INTERNAL PROTECTOR
CC	COOLING COMPENSATOR	L	LIGHT
CH	CRANKCASE HEATER	LLSV	LIQUID LINE SOLONOID
CLS	COMPRESSOR LOCKOUT	LPS	LOW PRESSURE SWITCH
CLS	COOLING LOCKOUT SWITCH	LS	LIMIT SWITCH
COMP	COMPRESSOR MOTOR	MAT	MIXED AIR THERMOSTAT
CR	CONTROL RELAY	OAT	OUTDOOR AIR THERMOSTAT
DAT	DISCHARGE AIR THERMISTOR	OFC	OUTDOOR FAN CONTACTOR
DM	DAMPER MOTOR	OP	OVERCURRENT PROTECTOR
DU	DUMMY TERMINAL	PL	PLUG ASSEMBLY
EQUIP	EQUIPMENT	PRI	PRIMARY
FL	FUSE LINK	SR	SOLONOID RELAY
FPT	FREEZE PROTECTION THERMOSTAT	SW	SWITCH
FU	FUSE	TB	TERMINAL BLOCK
GND	GROUND	TC	THERMOSTAT COOLING
HC	HEATER CONTACTOR	TDR	TIME DELAY RELAY
HPS	HIGH PRESSURE SWITCH	TH	THERMOSTAT HEATING
HTR	HEATER	TRAN	TRANSFORMER
IFC	INDOOR FAN CONTACTOR		

460V	PART NUMBER	REV
ICP 020 TON	50TJ501107	-
PAE240L000AA	SHT 2 OF 2	

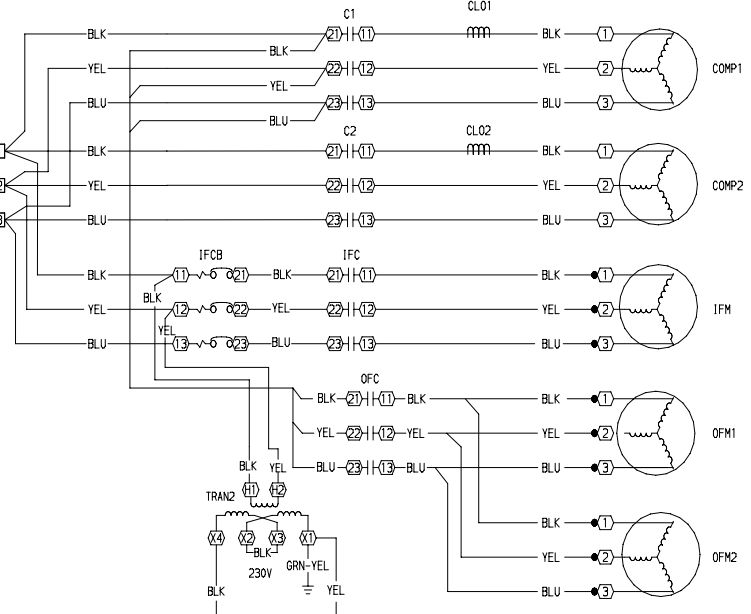
PAE240 575 - 3 - 60

SCHEMATIC

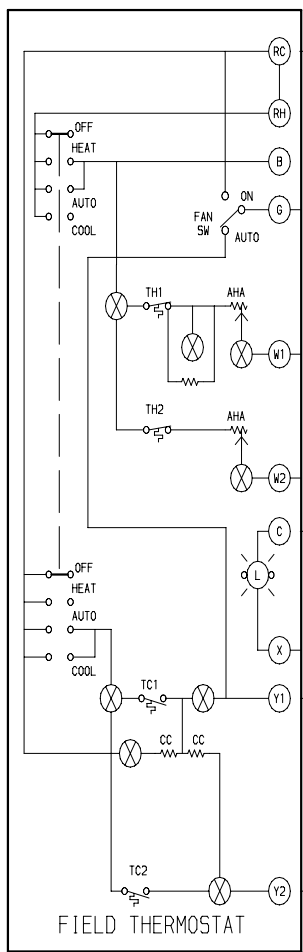
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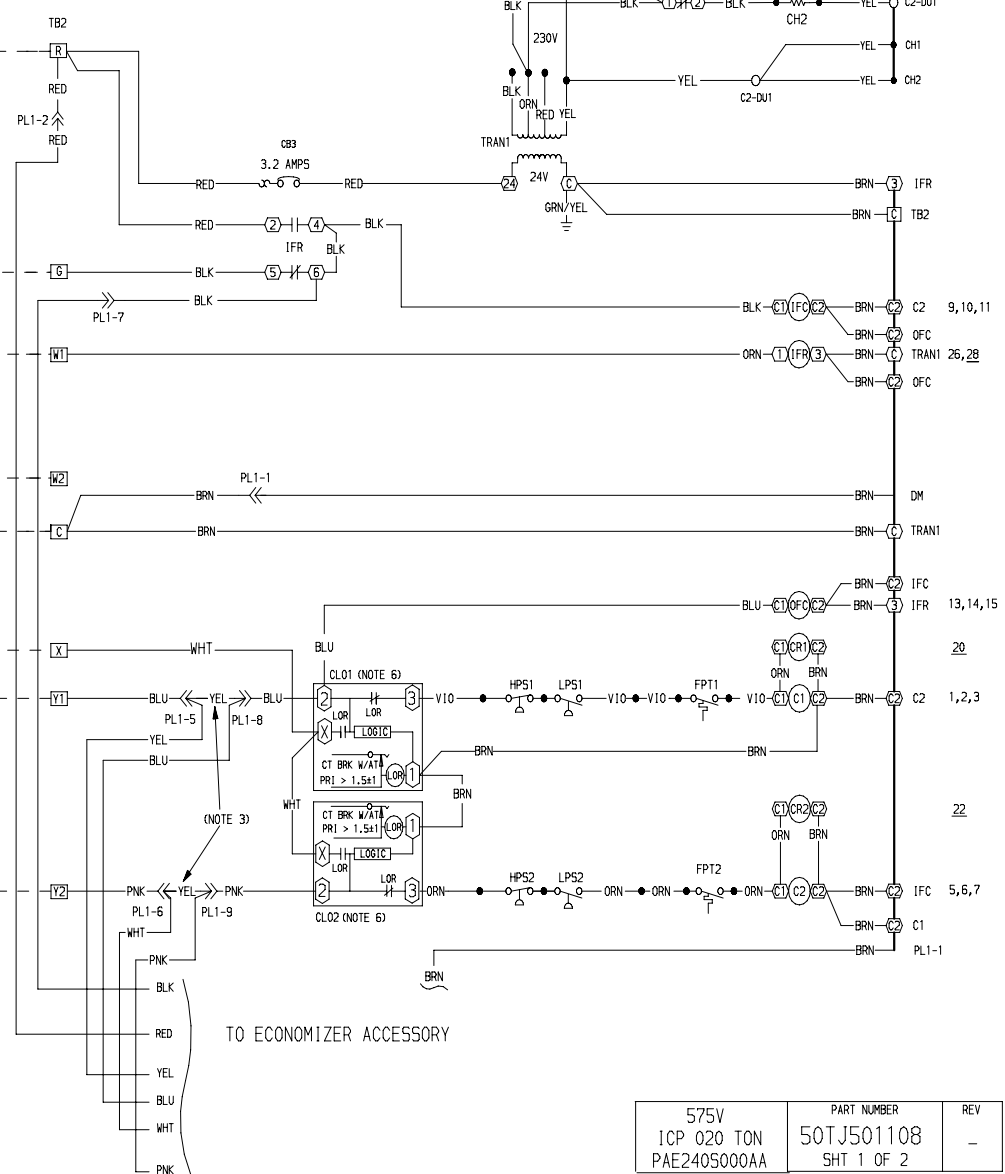
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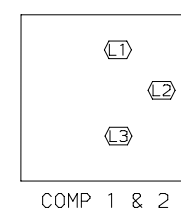
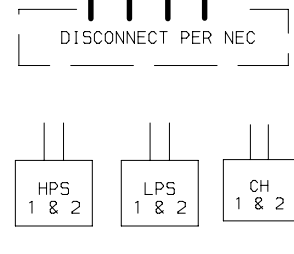
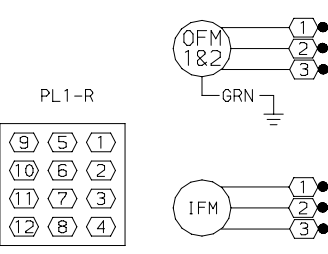
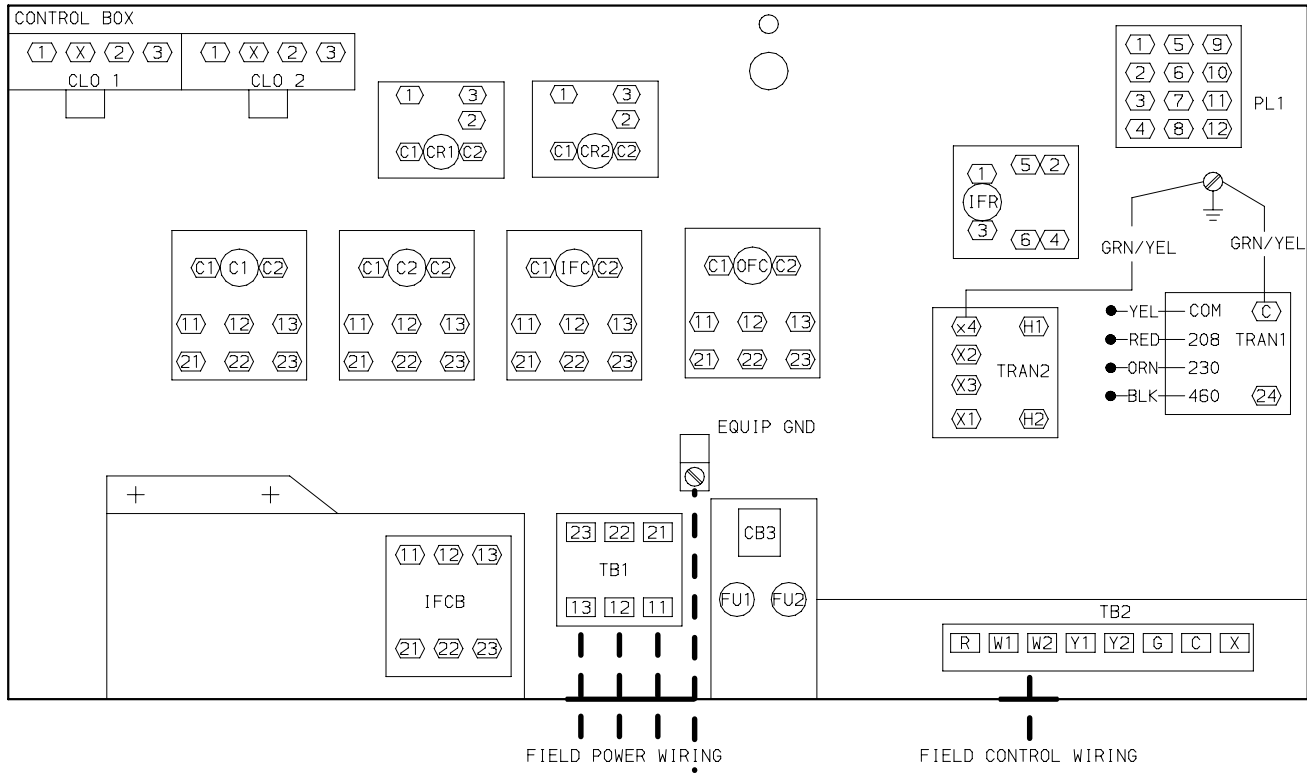


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575V 1CP 020 TON PAE240S000AA	PART NUMBER 50TJ501108 SHT 1 OF 2	REV -
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COMPONENT ARRANGEMENT



NOTES

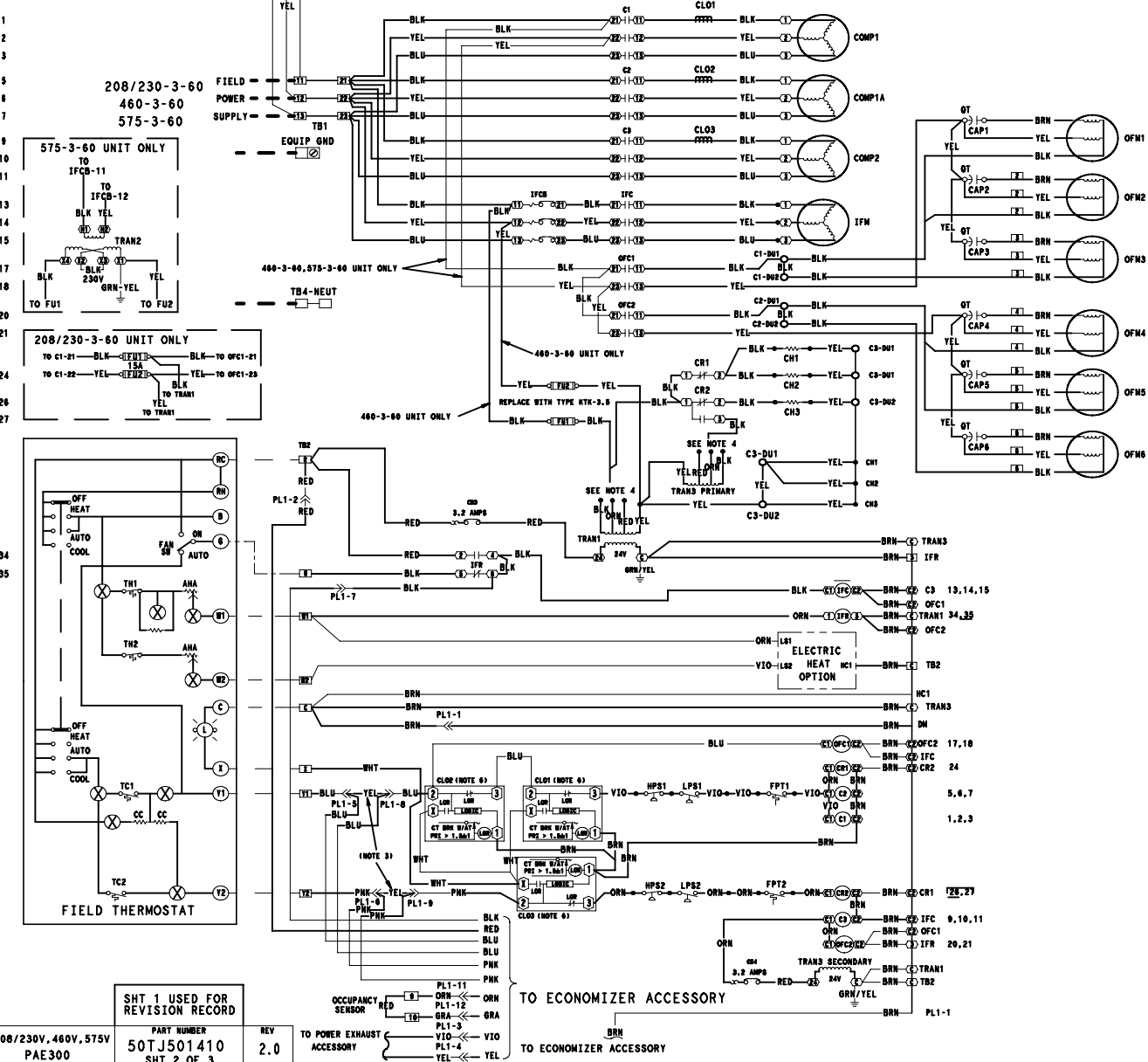
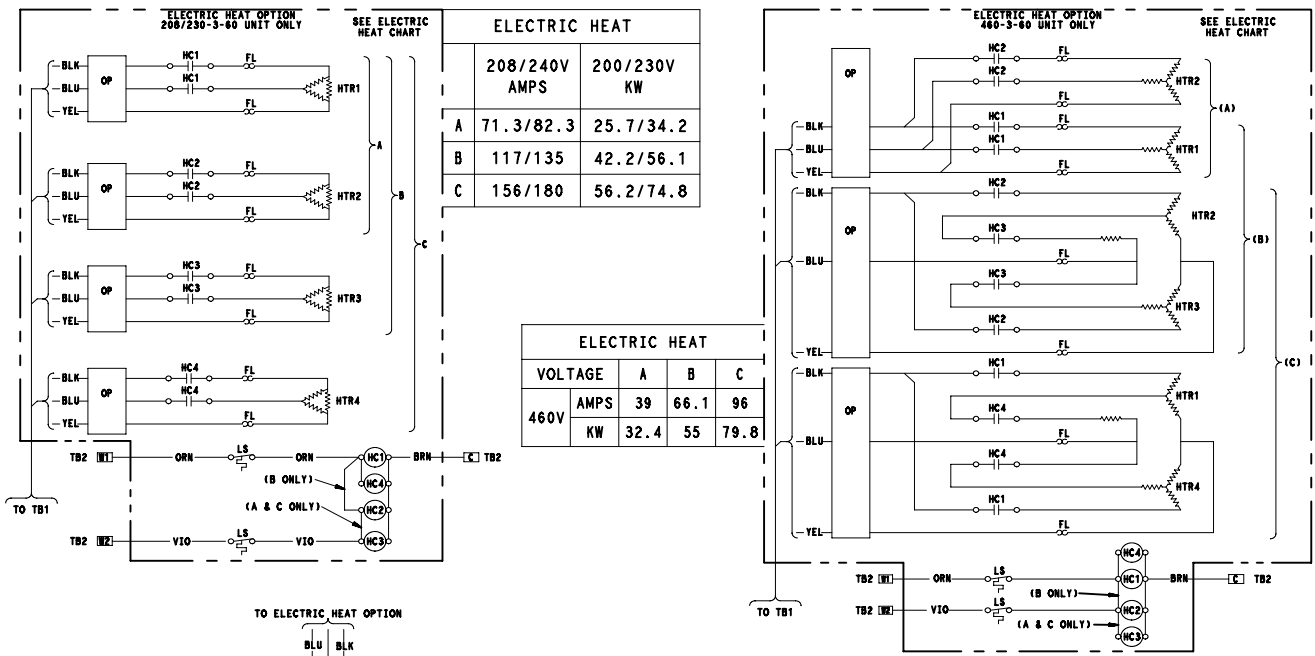
- COMPRESSOR AND/OR FAN MOTOR(S) THERMALLY PROTECTED----- THREE PHASE MOTORS PROTECTED AGAINST PRIMARY SINGLE PHASING CONDITIONS.
- IF ANY OF THE ORIGINAL WIRE FURNISHED MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE 90°C WIRE OR ITS EQUIVALENT.
- JUMPERS ARE OMITTED WHEN UNIT IS EQUIPPED WITH ECONOMIZER.
- IFCB MUST TRIP AMPS ARE EQUAL TO OR LESS THAN 140% FLA.
- THE CLO LOCKS OUT THE COMPRESSOR TO PREVENT SHORT CYCLING ON COMPRESSOR OVERLOAD AND SAFETY DEVICES; BEFORE REPLACING CLO, CHECK THESE DEVICES.
- NUMBER(S) INDICATES THE LINE LOCATION OF USED CONTACTS. A BRACKET OVER (2) NUMBERS SIGNIFIES A SINGLE POLE, DOUBLE THROW CONTACT. AN UNDERLINED NUMBER SIGNIFIES A NORMALLY CLOSED CONTACT. PLAIN (NO LINE) NUMBER SIGNIFIES A NORMALLY OPEN CONTACT.

<p>AHA ADJUSTABLE HEAT ANTICIPATOR</p> <p>BRK W/AT BREAKS WITH AMP TURNS</p> <p>C CONTACTOR, COMPRESSOR</p> <p>CB CIRCUIT BREAKER</p> <p>CC COOLING COMPENSATOR</p> <p>CH CRANKCASE HEATER</p> <p>CLO COMPRESSOR LOCKOUT</p> <p>CLS COOLING LOCKOUT SWITCH</p> <p>COMP COMPRESSOR MOTOR</p> <p>CR CONTROL RELAY</p> <p>DAT DISCHARGE AIR THERMISTOR</p> <p>DM DAMPER MOTOR</p> <p>DU DUMMY TERMINAL</p> <p>EQUIP EQUIPMENT</p> <p>FPT FREEZE PROTECTION THERMOSTAT</p> <p>FU FUSE</p> <p>GND GROUND</p> <p>HPS HIGH PRESSURE SWITCH</p> <p>IFC INDOOR FAN CONTACTOR</p> <p>IFCB INDOOR FAN CIRCUIT BREAKER</p>	<p>IFM INDOOR FAN MOTOR</p> <p>IFR INDOOR FAN RELAY</p> <p>IP INTERNAL PROTECTOR</p> <p>L LIGHT</p> <p>LLSV LIQUID LINE SOLONOID</p> <p>LPS LOW PRESSURE SWITCH</p> <p>LS LIMIT SWITCH</p> <p>MAT MIXED AIR THERMOSTAT</p> <p>OAT OUTDOOR AIR THERMOSTAT</p> <p>OFC OUTDOOR FAN CONTACTOR</p> <p>OFM OUTDOOR FAN MOTOR</p> <p>PL PLUG ASSEMBLY</p> <p>PRI PRIMARY</p> <p>SR SOLONOID RELAY</p> <p>SW SWITCH</p> <p>TB TERMINAL BLOCK</p> <p>TC THERMOSTAT COOLING</p> <p>TDR TIME DELAY RELAY</p> <p>TH THERMOSTAT HEATING</p> <p>TRAN TRANSFORMER</p>
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LEGEND

- ◻ TERMINAL (MARKED)
- TERMINAL (UNMARKED)
- TERMINAL BLOCK
- SPLICE
- FACTORY WIRING
- FIELD WIRING
- OPTION/ACCESSORY WIRING
- TO INDICATE COMMON POTENTIAL ONLY: NOT TO REPRESENT WIRING

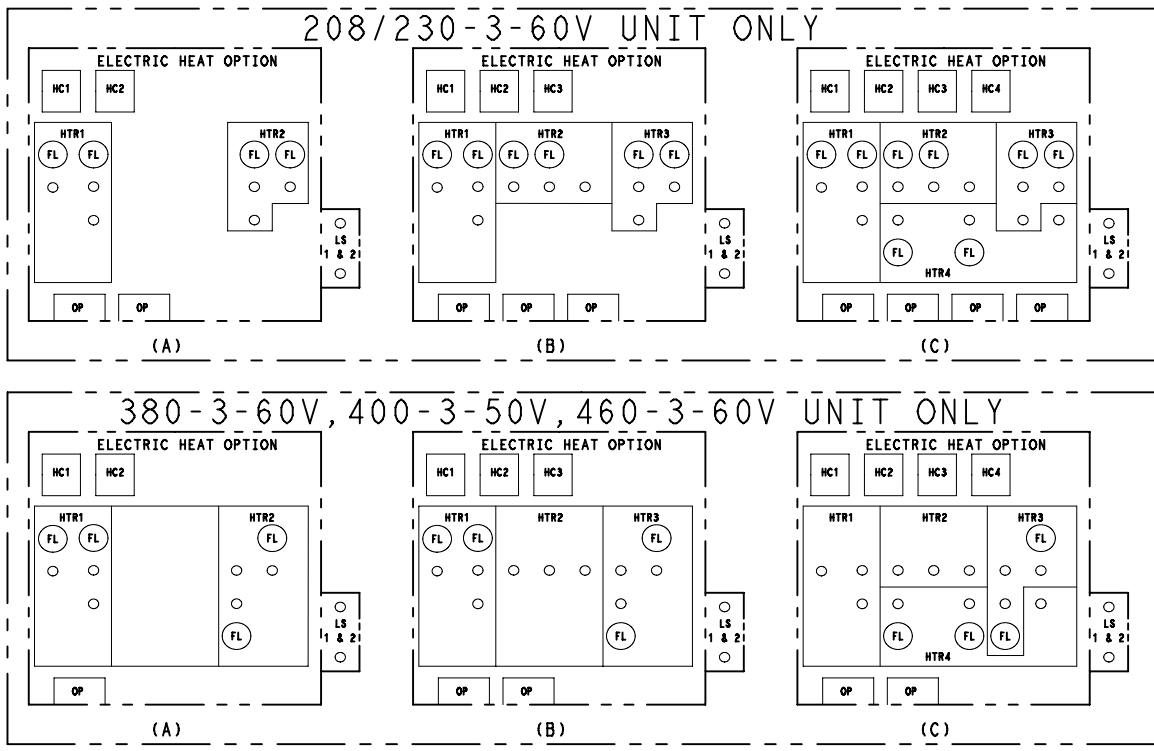
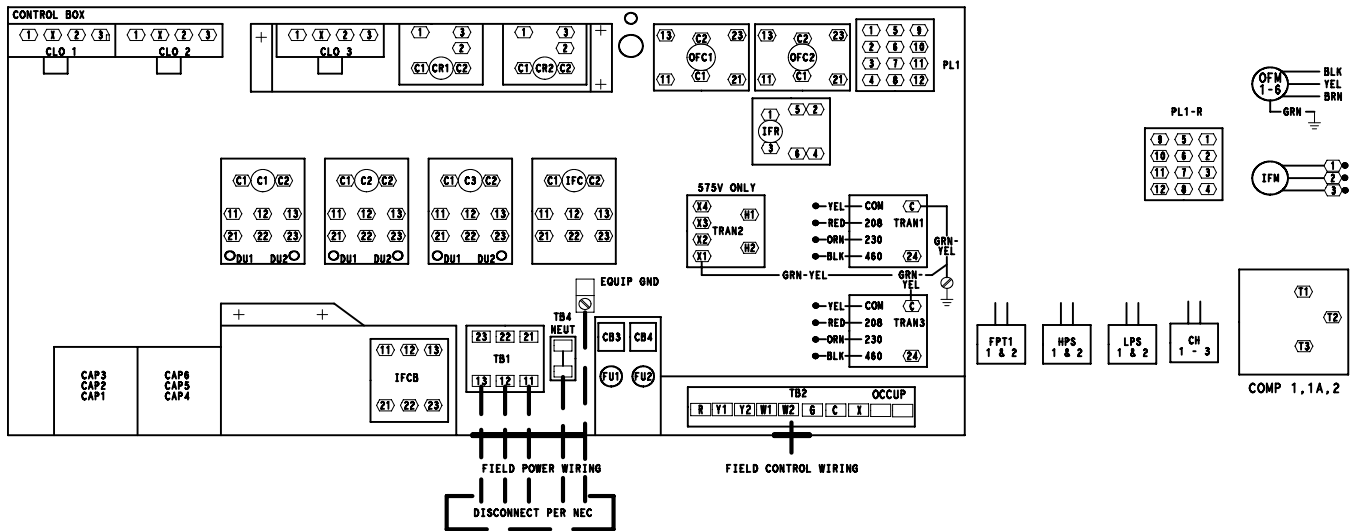
575V ICP 020 TON PAE240S000AA	PART NUMBER 50TJ501108 SHT 2 OF 2	REV -
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SHT 1 USED FOR REVISION RECORD
 PART NUMBER 50TJ501410
 SHT 2 OF 3

REV 2.0

208/230V, 460V, 575V
 PAE300



NOTES

1. COMPRESSOR AND/OR FAN MOTOR(S) THERMALLY PROTECTED THREE PHASE MOTORS PROTECTED AGAINST PRIMARY SINGLE PHASING CONDITIONS.
2. IF ANY OF THE ORIGINAL WIRE FURNISHED MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE 90°C OR ITS EQUIVALENT.
3. JUMPERS ARE OMITTED WHEN UNIT IS EQUIPPED WITH ECONOMIZER.
4. IFCB MUST TRIP AMPS IS EQUAL TO OR LESS THAN 140% FLA.
5. ON TRAN1 USE BLK LEAD FOR 460V POWER SUPPLY AND ORN LEAD FOR 575V POWER SUPPLY.
6. THE CLO LOCKS OUT THE COMPRESSOR TO PREVENT SHORT CYCLING ON COMPRESSOR OVERLOAD AND SAFETY DEVICES; BEFORE REPLACING CLO, CHECK THESE DEVICES.
7. THE CLO LOCKS OUT THE COMPRESSOR TO PREVENT SHORT CYCLING ON COMPRESSOR OVERLOAD AND SAFETY DEVICES; BEFORE REPLACING CLO, CHECK THESE DEVICES.

AHA	ADJUSTABLE HEAT ANTICIPATOR	IGC	INTERGRATED GAS UNIT CONTROLLER
C	CONTACTOR, COMPRESSOR	IRH	INDOOR/RETURN RELATIVE HUMIDITY
CAP	CAPACITOR	L	LIGHT
CB	CIRCUIT BREAKER	L1SV	L1O LINE SOLENOID VALVE
CC	COOLING COMPENSATOR	LOR	LOCKOUT RELAY
CLO	COMPRESSOR LOCKOUT	LPS	LOW PRESSURE SWITCH
CLS	COOLING LOCKOUT SWITCH	LS	LIMIT SWITCH
COMP	COMPRESSOR MOTOR	MGV	MAIN GAS VALVE
CR	CONTROL RELAY	OA	OUTDOOR AIR TEMPERATURE SENSOR
DAT	DISCHARGE AIR THERMISTOR	OCUP	OCCUPANCY SENSOR
DM	DAMPER MOTOR	ORH	OUTDOOR RELATIVE HUMIDITY
DU	DUMMY TERMINAL	OFCC	OUTDOOR FAN CONTACTOR
DU	DUMMY TERMINAL	OFM	OUTDOOR FAN MOTOR
EQUIP	EQUIPMENT	PL	PLUG ASSEMBLY
FPT	FREEZE PROTECTION THERMOSTAT	PRI	PRIMARY
FU	FUSE	R	RELAY
GND	GROUND	RAT	RETURN AIR TEMPERATURE SENSOR
HPS	HIGH PRESSURE SWITCH	RS	ROLL OUT SWITCH
HS	HALL EFFECT SENSOR	SAT	MIXED AIR TEMPERATURE SENSOR
HV	HIGH VOLTAGE	SEN	SENSOR
I	IGNITOR	SR	SOLENOID RELAY
IAQ	INDOOR AIR QUALITY SENSOR	SW	SWITCH
IDM	INDUCED DRAFT MOTOR	TB	TERMINAL BLOCK
IFC	INDOOR FAN CONTACTOR	TC	THERMOSTAT COOLING
IFCB	INDOOR FAN CIRCUIT BREAKER	TR	TIME DELAY RELAY
IFM	INDOOR FAN MOTOR	TR	THERMOSTAT HEATING
		TRAN	TRANSFORMER

208/230V, 460V, 575V PAE300	PART NUMBER 50TJ501410 SHT 3 OF 3	REV 2.0
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