

# Parts List, Wiring Diagrams

**PAS180 - 300 SERIES**

**PACKAGE GAS ELECTRIC UNITS**



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PAS180 PARTS LIST					
KEY NO.	DESCRIPTION	FAST PARTS NO.	PAS180H000AA	PAS180L000AA	PAS180S000AA
1	SUPPORT TOP IFM ACCESS SIDE	1171847	1	1	1
2	POST CORNER	1171176	1	1	1
3	PANEL OUTDOOR ACCESS	1171377	2	2	2
4	POST CENTER	1171083	4	4	4
5	PANEL CENTER ACCESS	1171378	2	2	2
6	BAFFLE FAN	1171209	1	1	1
7	PANEL INDOOR ACCESS	1171379	2	2	2
8	COVER FILTER ACCESS	1171319	1	1	1
9	PLATE 25% AIR	1171392	1	1	1
10	SLIDER 25% AIR	1171457	1	1	1
11	PANEL	1171361	1	1	1
12	CORNER POST	1171171	1	1	1
13	PANEL TOP EVAP	1171360	1	1	1
14	SUPPORT	1171465	1	1	1
15	OUTDOOR FAN DECK	1171354	1	1	1
16	PANEL TOP COND	1171489	1	1	1
17	LATCH ASSEMBLY	1171019	8	8	8
18	CORNER POST IFM ACCESS SIDE	1171408	1	1	1
19	BAFFLE	1171017	1	1	1
21	POST CONDENSER CTRL BOX SIDE	1171411	1	1	1
23	PARTITION FAN	1171217	1	1	1
24	COVER	1172137	1	1	1
27	PANEL HOOD SIDE RIGHT	1171380	1	1	1
28	PAN HOOD DRAIN	1171358	1	1	1
29	BRACKET FILTER	1171241	1	1	1
30	BRACKET FILTER	1171084	1	1	1
31	ANGLE FILTER RETAINER	1171015	1	1	1
32	PANEL HOOD SIDE LEFT	1171381	1	1	1
33	COVER HOOD TOP	1171183	1	1	1
34	PAN FILTER	1171236	1	1	1
35	PAN CONDENSATE	1171517	1	1	1
36	BASE PAN	1171021	1	1	1
37	HEATER PAN	1171292	1	1	1
38	RAIL BASE	1171028	1	1	1
39	RAIL BASE	1171027	1	1	1
40	BASE PAN	1171022	1	1	1
41	HEATER PAN	1171291	1	1	1
43	PAN FILTER	1171237	1	1	1
44	ANGLE BASE RAIL	1171029	2	2	2
45	RAIL BASE	1171030	1	1	1
50	HEATER COVER	1171290	1	1	1
51	PULLEY 1 3/16 X 6.45 BK67	1171418	1	1	*
51	PULLEY 1 3/16 X 6.75 BK70	1171820	*	*	1
52	KEY SHAFT 1/4X1/4X2-1/4	1171320	1	1	1
53	PANEL CUTOFF BLWR	1171185	2	2	2
54	SCROLL FAN	1171446	2	2	2
55	TRACK FILTER	1171492	3	3	3
56	CHANNEL DUCT	1171111	1	1	1
57	FILTER AIR 20X20X2 DISP	1171231	4	4	4
58	FILTER AIR 16X20X2 DI	1171230	4	4	4
59	PULLEY MOTOR	1171423	*	*	1

**PAS180 PARTS LIST (continued)**

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAS180H000AA	PAS180L000AA	PAS180S000AA
59	PULLEY MOTOR 7/8 X 4.25 1VL44	1171424	1	1	*
60	BEARING BALL 1-3/16"	1171035	2	2	2
61	BRACKET ASSEMBLY	1171073	2	2	2
62	RAIL TOP	1171490	1	1	1
63	SUPPORT LOWER	1171464	1	1	1
64	HEAT BAFFLE	1171283	1	1	1
65	PLATE BLOCKOFF	1171042	1	1	1
66	TRACK FILTER	1171491	1	1	1
67	ANGLE COIL	1171118	1	1	1
68	SUPPORT COIL	1172131	1	1	1
69	BRACE UPPER	1171060	1	1	1
70	RETAINER DRIP EDGE	1171204	1	1	1
71	INSUL HEAT BAFFLE ASY	1171881	1	1	1
72	COVER HEATER	1171178	1	1	1
74	GUARD FAN	1171273	1	1	1
76	SUPPORT COIL	1171468	1	1	1
78	PANEL	1171366	2	2	2
83	SIDE PANEL	1171455	1	1	1
84	INDOOR FAN DECK	1171311	1	1	1
85	FAN DECK INDOOR	1172136	1	1	1
86	BELT V B42 45"	1171511	1	1	*
86	BELT V B45 48"	1171810	*	*	1
87	BOLT BELT ADJ 5/16-18 X 15.5	1171055	2	2	2
88	PLATE FAN SIDE	1171398	2	2	2
89	WHEEL BD10x10x1-3/16 REV CV	1171048	2	2	2
90	PLATE FAN SIDE	1171397	2	2	2
91	SHAFT BLR	1171451	1	1	1
92	MTR BLT 3/208-460 3.5 1725	1171341	1	1	*
92	MTR BLT 3/575 3HP	1171821	*	*	1
93	RETAINER OUTER FANSIDE PLATE	1172134	2	2	2
94	ANGLE	1171014	1	1	1
95	PLATE MOTOR	1171349	1	1	1
96	PLATE MOTOR	1171389	1	1	1
100	BARRIER 24V	1171001	1	1	1
101	BOARD TERMINAL LO VOLT 8P	1171488	1	1	1
102	BREAKER 3.2A 1 POLE 250V	1171114	1	1	1
103	FUSE KTK-7 7A 600V	1171254	*	2	*
103	FUSE SC-30 30A 600V	1171255	3	*	*
103	FUSE	1171835	*	*	2
104	FUSE HOLDER HPF 30A 600V	1171258	*	2	*
104	FUSE HOLDER HPS-FF 30A 300V	1171259	3	*	*
104	FUSEHOLDER PANEL MOUNT 3AG	1171834	*	*	2
105	TERMINAL BLOCK	1171485	1	*	*
105	TERMINAL BLOCK 1P 175A 600V	1171486	*	2	2
106	BRACKET FUSE	1171256	1	*	*
107	BARRIER FUSE	1171020	1	*	*
108	CONTROL BOX	1171167	1	1	1
109	CAP RN OV 370V 10	1171108	3	3	3
110	STRAP FORMED	1172132	1	1	1
111	BRACKET CIRCUIT BREAKER	1172140	1	*	*
112	RELAY COMP LOCKOUT	1171437	2	2	2

**PAS180 PARTS LIST (continued)**

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAS180H000AA	PAS180L000AA	PAS180S000AA
113	CONTACTOR 3P 40A 24V	1171161	2	3	3
114	CONTACTOR 2P 30A 24V	1171163	2	1	1
115	TRANS 600>120/240 500VA	1171837	*	*	1
116	RELAY 24V DPST 9400-03Q228	1171436	1	1	1
117	TRANS 200/230/460>24 75VA	1171498	1	1	1
120	CORE VALVE	1171170	2	2	2
121	CAP SEAL	1171102	2	2	2
122	CORE VALVE	1171508	9	9	9
123	CAP FLARE	1171101	7	7	7
124	CLAMP 7/8"ID	1171115	2	2	2
125	VALVE TXV 8.0 NONBLD	1171502	2	2	2
126	FREEZE STAT O30 C45	1171474	2	2	2
127	COIL EVAP	1171132	1	1	*
128	SWITCH PRESS LO O27 C67	1171413	2	2	2
128	SWITCH PRESS LO O27 C67	1171413	*	2	*
128	SWITCH PRESS LO O27 C67	1171413	*	*	2
129	RAIL COMPRESSOR	1171140	2	*	*
129	RAIL COMPRESSOR	1171140	*	2	*
129	RAIL COMPRESSOR	1171140	*	*	2
130	COMP ZR94KC-TFD-950	1171154	2	2	2
131	GROMMET COMPRESSOR 1.62"DIA	1171268	8	8	8
132	BOLT CARRIAGE	1171839	8	8	8
133	SWITCH PRESS HI O426 C320	1171303	2	2	2
134	COIL COND	1171127	1	1	1
135	PLUG FUSIBLE 170F	1171403	2	2	2
136	STRAP FILTER	1172133	2	2	2
137	DRIER 16 CI 1/2"IN & OUT	1171203	2	2	2
140	SUPPORT DECK	1171189	2	2	2
140	SUPPORT DECK	1171189	*	2	2
140	SUPPORT DECK	1171189	*	*	2
141	MTR CND 1/460 1/2	1171336	*	3	*
141	MTR CND 1/230 1/2	1171342	3	*	*
141	MTR CND 1/575V 1/2	1171778	*	*	3
142	GUARD FAN	1171266	3	3	3
143	FAN C 22" 3B 1/2" 28 INT	1171219	3	3	3
227	COIL EVAP	1171132	*	*	1
<b>PARTS NOT SHOWN</b>					
	BRACKET FILTER SUPPORT	1171085	1	1	1
	PLUG BUTTON 1-1/2" SS-50834	1171100	2	2	2
	DISTRIBUTOR 7/8"X(10)3/16"	1171199	2	2	2
	TUBE FEEDER	1171228	20	20	20
	FILTER AIR 20X20X1 WASHABLE	1171243	1	1	1
	FILTER AIR 20X25X1 WASHABLE	1171244	2	2	2
	NOZZLE	1171352	2	2	2
	PAINT DARK GREY 16OZ AEROSOL	1171357	1	1	1
	PLATE	1171390	1	1	1
	SPACER	1171458	1	1	1
	SPACER PLATE	1171459	1	1	1
	HTR CC WP 70W240V CH354	1171859	2	*	*
	HTR CC WP 70W480V CH254-03	1171866	*	2	*
	CONV KIT NAT>LP	AXB265LPA	1	1	1

PAS210 PARTS LIST

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAS210H000AA	PAS210L000AA	PAS210S000AA
1	BEARING PILLOW BLOCK 1-7/16"	1175898	2	2	2
2	BELT V BX50 53"	1171506	1	1	1
3	CAP RN OV 370V 10	1171729	3	3	3
4	BREAKER 3.2A 1 POLE 250V	1171114	1	1	1
5	BREAKER 23A 3 POLE 600V	1170545	*	1	*
5	BREAKER 14.6A 3 POLE 48V	1171816	1	*	*
5	BREAKER 6A 3 POLE 480V	1171817	*	*	1
6	COIL ASY	1175453	1	1	1
7	COIL ASY	1175452	1	1	1
8	COMP SM120S7VA 575/3/60	1172597	*	*	1
8	COMP SM120S4VA 460/3/60	1172598	*	1	*
8	COMP SM120S3VA 230/3/60	1172599	1	*	*
9	COMP SRH782AE	1175395	*	1	*
9	COMP SRY782AE	1175396	1	*	*
9	COMP SRJ782AE	1175910	*	*	1
10	CONTACTOR 2P 20A 24V	1171160	*	1	1
10	CONTACTOR 2P 30A 24V	1171163	1	*	*
11	CONTACTOR 2P 40A 24V	1173183	1	*	*
12	CONTACTOR 3P 40A 24V	1172449	2	3	3
13	DISTRIBUTOR	1175454	1	1	1
14	DRIER 16 CI 1/2"IN & OUT	1171203	2	2	2
15	FILTER AIR 16X20X2 DISP	1171229	4	1	1
16	FILTER AIR 20X20X2 DISP	1171010	4	4	4
17	FUSE KTK-3 1/2 3.5A 600V	1171098	*	4	4
17	FUSE SC-25 25A 600V	1171253	2	*	*
18	FUSE HOLDER HPF 30A 600V	1171258	*	2	2
18	FUSE HOLDER HPS-FF 30A 300V	1171259	2	*	*
19	GROMMET COMPRESSOR 1.62"DIA	1175907	8	8	8
21	KEY	1171321	1	1	1
22	MTR BLT 3/208-460 5.0 1745	1170542	1	1	*
22	MTR BLT 3/575 5HP	1171852	*	*	1
23	MTR CND 1/460 1/2	1171336	*	3	3
23	MTR CND 1/230 1/2	1171342	3	*	*
24	NOZZLE	1175908	1	1	1
25	NOZZLE	1175909	1	1	1
26	FAN C 22" 3B 1/2" 28 INT	1171219	3	3	3
27	PULLEY 1 1/8 X 6.25 1VP65	1173538	1	1	1
28	PULLEY 1 7/16 X 9.75 BK100	1171419	1	1	1
29	RELAY 24V DPST 9400-03Q228	1171436	3	3	3
29	RELAY PHASE MONITOR	1175906	1	*	*
30	RELAY SENSING	1171434	2	2	2
31	SHAFT BLR	1171225	1	1	1
32	SWITCH PRESS HI O426 C320	1172381	2	2	2
33	SWITCH PRESS LO O27 C44	1171868	2	2	2
34	FREEZE STAT O30 C45	1171252	2	2	2
35	TERMINAL BLOCK	1171485	1	*	*
35	TERMINAL BLOCK 1P 175A 600V	1171486	*	1	1
36	TERMINAL BOARD	1173187	1	1	1
37	TRANS 200/230/460>24 75VA	1171498	1	1	1
38	TUBE FEEDER	1171228	30	30	30
39	VALVE TXV	1172590	1	1	1

**PAS210 PARTS LIST (continued)**

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAS210H000AA	PAS210L000AA	PAS210S000AA
40	VALVE TXV	1172595	1	1	1
41	WHEEL BD12x12x1-7/16 REV CV	1171052	2	2	2
42	COUPLING HALF	1171009	2	2	2
43	FITTING ACCESS	1171507	2	2	2
44	CONNECTOR MALE COMPRESSION	1171157	1	1	1
45	CAP FLARE	1172410	8	8	8
46	CORE VALVE	1171508	6	6	6
47	CORE VALVE	1173177	4	4	4
48	PLUG FUSIBLE 170F	1171403	2	2	2
49	TRANS 600>120/240 500VA	1171837	*	*	1
50	FILTER AIR 20X20X1 WASHABLE	1171243	1	1	1
51	FILTER AIR 20X25X1 WASHABLE	1171244	2	2	2
52	RELAY PHASE MONITOR	1175906	*	1	1
53	DISTRIBUTOR	1175455	1	1	1
A	ANGLE COIL	1171118	1	1	1
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
AW	SLIDER 25% AIR	1171457	1	*	*
AX	LATCH ASSEMBLY	1171019	8	8	8
AY	PANEL CENTER ACCESS	1171378	2	2	2
AZ	PANEL OUTDOOR ACCESS	1171377	2	2	2
B	ANGLE BASE RAIL	1171029	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

## PAS210 PARTS LIST (continued)

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAS210H000AA	PAS210L000AA	PAS210S000AA
BL	POST CORNER	1171176	1	1	1
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	1175392	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
BX	STRAP FILTER	1172133	2	2	2
BY	STRAP FORMED	1172132	1	1	1
BZ	SUPPORT COIL	1172131	1	1	1
C	BRACKET FILTER SUPPORT	1171085	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
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
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
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					
	PLUG ASSEMBLY	1171404	1	1	1
	HARNESS	1173499	*	1	1

PAS210 PARTS LIST (continued)

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAS210H000AA	PAS210L000AA	PAS210S000AA
]]	HARNESS	1173500	*	1	1
]]	WIRE HARNESS COMP	1173502	1	*	*
]]	WIRE HARNESS COMP	1173503	1	*	*
]]	HARNESS ASY	1175399	1	*	1
]]	HARNESS ASY	1175457	*	1	*



PAS240 PARTS LIST

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAS240H000AA	PAS240L000AA	PAS240S000AA
1	PANEL TOP COND	1171489	1	1	1
2	POST CORNER	1171176	1	1	1
3	PANEL OUTDOOR ACCESS	1171377	2	2	2
4	PANEL CENTER ACCESS	1171378	2	2	2
5	PANEL INDOOR ACCESS	1171379	2	2	2
6	PANEL TOP EVAP	1171360	1	1	1
7	PANEL	1171361	1	1	1
8	PANEL HOOD SIDE RIGHT	1171380	1	1	1
9	COVER HOOD TOP	1171183	1	1	1
10	PANEL HOOD SIDE LEFT	1171381	1	1	1
11	ANGLE FILTER RETAINER	1171015	1	1	1
12	BRACKET FILTER	1171084	1	1	1
13	BRACKET FILTER	1171241	1	1	1
14	PAN HOOD DRAIN	1171358	1	1	1
16	BAFFLE	1171017	1	1	1
17	POST CENTER	1171083	4	4	4
18	POST CONDENSER CTRL BOX SIDE	1171411	1	1	1
19	HEAT BAFFLE	1171283	1	1	1
22	CORNER POST IFM ACCESS SIDE	1171408	1	1	1
25	CORNER POST	1171171	1	1	1
28	PARTITION FAN	1171217	1	1	1
31	OUTDOOR FAN DECK	1171355	1	1	1
33	FAN C 30" 4B 5/8" 22 INT	1171221	2	2	2
34	FILTER AIR 16X20X2 DISP	1171229	4	4	4
35	FILTER AIR 20X20X2 DISP	1171010	4	4	4
36	TRACK FILTER	1171492	3	3	3
37	SUPPORT LOWER	1171464	1	1	1
38	PLATE BLOCKOFF	1171042	1	1	1
39	ANGLE	1171014	1	1	1
40	SUPPORT COIL	1171468	1	1	1
41	SUPPORT COIL	1172131	1	1	1
42	RAIL TOP	1171490	1	1	1
43	TRACK FILTER	1171491	1	1	1
44	ANGLE COIL	1171118	1	1	1
46	BAFFLE CONDENSER FAN	1171804	1	1	1
47	CLAMP OD FAN MOTOR	1171116	4	4	4
48	BRACKET ASY MOTOR MOUNT	1171061	2	2	2
49	GUARD FAN	1171272	2	2	2
50	MTR CND 3/230-460-575 1HP	1171343	2	2	2
51	SUPPORT	1171465	1	1	1
52	SUPPORT TOP IFM ACCESS SIDE	1171847	1	1	1
55	PAN FILTER	1171236	1	1	1
56	BASE PAN	1171021	1	1	1
57	HEATER PAN	1171292	1	1	1
58	RAIL BASE	1171028	1	1	1
59	RAIL BASE	1171027	1	1	1
60	BASE PAN	1171022	1	1	1
61	HEATER PAN	1171291	1	1	1
62	PAN CONDENSATE	1171517	1	1	1
63	PAN FILTER	1171237	1	1	1
64	ANGLE BASE RAIL	1171029	2	2	2

**PAS240 PARTS LIST (continued)**

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAS240H000AA	PAS240L000AA	PAS240S000AA
65	RAIL BASE	1171030	1	1	1
73	PANEL	1171366	2	2	2
79	INNER ELEC BOX COVER	1171316	1	*	*
79	COVER INNER ELEC BOX	1171882	*	1	1
81	INSUL HEAT BAFFLE ASY	1171881	1	1	1
84	GUARD FAN	1171273	1	1	1
91	PLATE BLOWER SIDE	1171047	2	2	2
92	PLATE BLOWER SIDE	1171046	2	2	2
94	PANEL CUTOFF BLWR	1171044	2	2	2
95	BEARING PILLOW BLOCK 1-7/16"	1171034	2	2	2
96	CONNECTOR MALE COMPRESSION	1171157	1	1	1
97	BRACKET FAN 1.75"HAT CHANNEL	1171210	2	2	2
98	SCROLL FAN	1171224	2	2	2
99	BRACKET ASY BEARING	1171036	2	2	2
100	TUBE	1171501	1	1	1
101	ANGLE MOTOR MOUNTING PLATE	1171013	1	1	1
102	BOLT BELT ADJ 5/16-18 X 15.5	1171055	2	2	2
102	BRACKET EVAP MOTOR	1171075	1	1	1
103	MOTOR PLATE	1171346	1	1	1
104	MTR BLT 3/200-460 7.5 1745	1171216	1	1	*
104	MTR BLT 3/575 7.5HP	1171854	*	*	1
105	PULLEY 1 3/8 X 6.55 1VP68	1171416	1	1	1
106	BRACKET EVAP MOTOR	1171076	1	1	1
107	UPRIGHT INDOOR FAN MOTOR	1171226	1	1	1
109	BELT V BX54 57"	1171038	1	1	1
112	PULLEY 1 7/16 X 9.75 BK100	1171419	1	1	1
113	BRACKET FAN 7"ZEE CHANNEL	1171211	1	1	1
114	CONNECTOR FEMALE COMPRESSION	1171138	1	1	1
115	BRACKET FAN 19"ZEE CHANNEL	1171212	1	1	1
117	WHEEL BD12x12x1-7/16 REV CV	1171052	2	2	2
118	SHAFT BLR	1171225	1	1	1
121	DRIER 16 CI 1/2"IN & OUT	1171203	2	2	2
122	STRAP FILTER	1172133	2	2	2
123	COMP ZR108KC-TFD-950	1171152	*	1	*
123	COMP ZR108KC-TF5-950	1171153	1	*	*
123	COMP ZR108KC-TFE-930	1171848	*	*	1
124	CLAMP 7/8"ID	1171115	2	2	2
125	RAIL COMPRESSOR	1171140	2	2	2
126	HTR CC WP 70W240V CH354	1171859	2	*	*
126	HTR CC WP 70W480V CH254-03	1171866	*	2	*
127	BARRIER FUSE	1171020	1	*	*
128	CAP FLARE	1171101	7	7	7
128	CAP SEAL	1171102	2	2	2
129	SWITCH PRESS LO O27 C67	1171413	2	2	2
130	CORE VALVE	1171170	2	2	2
130	CORE VALVE	1171508	9	9	9
133	FREEZE STAT O30 C45	1171474	2	2	2
134	COIL EVAP	1171130	1	1	1
135	GROMMET COMPRESSOR 1.62"DIA	1171268	8	8	8
136	BOLT CARRIAGE	1171839	8	8	8
137	SWITCH PRESS HI O426 C320	1171303	2	2	2

**PAS240 PARTS LIST (continued)**

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAS240H000AA	PAS240L000AA	PAS240S000AA
138	PLUG FUSIBLE 170F	1171403	2	2	2
139	COIL COND	1171133	1	1	1
140	COMP ZR125KC-TF5-930	1171144	1	*	*
140	COMP ZR125KC-TFD-930	1171147	*	1	*
140	COMP ZR125KC-TFE-930	1171853	*	*	1
144	BARRIER 24V	1171001	1	*	*
144	BOARD TERMINAL LO VOLT 8P	1171488	1	1	1
145	BARRIER 24V	1171001	*	1	1
145	FUSE SC-25 25A 600V	1171253	3	*	*
146	FUSE HOLDER HPS-FF 30A 300V	1171259	3	*	*
148	TERMINAL BLOCK	1171485	2	*	*
148	TERMINAL BLOCK 1P 175A 600V	1171486	*	2	2
149	CONTACTOR 2P 40A 24V	1171158	1	*	*
149	CONTACTOR 3P 40A 24V	1171161	*	4	4
151	BREAKER 12A 3 POLE 600V	1171081	*	1	*
151	BREAKER 22A 3 POLE 240V	1171082	1	*	*
152	BREAKER 10A 3 POLE 600V	1171812	*	*	1
156	BREAKER 3.2A 1 POLE 250V	1171114	1	1	1
158	CONTACTOR 3P 60A 240V	1171162	1	*	*
159	CONTACTOR 3P 40A 240V	1171159	1	*	*
160	BRACKET CIRCUIT BREAKER	1172140	1	1	1
162	CONTROL BOX	1171167	1	1	1
163	RELAY COMP LOCKOUT	1171437	2	2	2
164	RELAY 24V DPST 9400-03Q228	1171436	3	*	*
165	CONTACTOR 2P 30A 24V	1171163	1	*	*
166	TRANS 600>120/240 500VA	1171837	*	*	1
167	RELAY 24V DPST 9400-03Q228	1171436	*	1	1
168	TRANS 200/230/460>24 75VA	1171498	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	*	*
<b>PARTS NOT SHOWN</b>					
]]	BAFFLE	1171016	1	1	1
]]	LATCH ASSEMBLY	1171019	8	8	8
]]	BRACE UPPER	1171060	1	1	1
]]	BRACKET FILTER SUPPORT	1171085	1	1	1
]]	BOLT HEX HEAD 3/8-16 X 2.5	1171103	5	5	5
]]	CHANNEL DUCT	1171111	1	1	1
]]	COVER HEATER	1171178	1	1	1
]]	DISTRIBUTOR 7/8"X(11)3/16"	1171195	1	1	1
]]	DISTRIBUTOR 7/8"X(9)3/16"	1171196	1	1	1
]]	RETAINER DRIP EDGE	1171204	1	1	1
]]	BAFFLE FAN	1171209	1	1	1
]]	DECK FAN INDOOR	1171213	1	1	1
]]	DECK FAN INDOOR	1171215	1	1	1
]]	TUBE FEEDER	1171228	20	20	20
]]	FILTER AIR 20X20X1 WASHABLE	1171243	1	1	1
]]	FILTER AIR 20X25X1 WASHABLE	1171244	2	2	2
]]	HEATER COVER	1171290	1	1	1
]]	INDOOR FAN DECK	1171310	1	1	1
]]	COVER FILTER ACCESS	1171319	1	1	1

PAS240 PARTS LIST (continued)

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAS240H000AA	PAS240L000AA	PAS240S000AA
]]	KEY	1171321	1	1	1
]]	NOZZLE	1171351	1	1	1
]]	NOZZLE	1171352	1	1	1
]]	PAINT DARK GREY 16OZ AEROSOL	1171357	1	1	1
]]	PLATE 25% AIR	1171392	1	1	1
]]	PLATE MOTOR	1171400	1	1	1
]]	SLIDER 25% AIR	1171457	1	1	1
]]	SPACER	1171458	1	*	1
]]	SPACER PLATE	1171459	1	1	1
]]	VALVE TXV 11.0 NONBLD	1171510	2	2	2
]]	RETAINER OUTER FANSIDE PLATE	1172134	2	2	2
]]	CONV KIT NAT>LP	AXB265LPA	1	1	1

PAS300 PARTS LIST

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAS300H000AA	PAS300L000AA	PAS300S000AA
1	SUPPORT COIL	1172131	1	1	1
2	SUPPORT COIL	1171468	1	1	1
3	ANGLE	1171014	1	1	1
4	TRACK FILTER	1171491	1	1	1
5	ANGLE COIL	1171118	1	1	1
6	BRACE UPPER	1171060	1	1	1
7	PLATE BLOCKOFF	1171042	1	1	1
8	FILTER AIR 16X20X2 DISP	1171229	4	4	4
9	FILTER AIR 20X20X2 DISP	1171010	4	4	4
10	TRACK FILTER	1171492	3	3	3
11	SUPPORT LOWER	1171464	1	1	1
12	BAFFLE CONDENSER FAN	1171804	1	1	1
13	HEATER COVER	1171290	1	1	1
15	GUARD FAN	1171272	2	2	2
16	BRACKET ASY MOTOR MOUNT	1171061	2	2	2
17	FAN C 30" 4B 5/8" 22 INT	1171221	2	2	2
18	MTR CND 3/230-460 1.5HP	1171869	2	2	*
18	MTR CND 3/575 1.0 1150	1173178	*	*	2
19	CLAMP OD FAN MOTOR	1171116	4	4	4
24	WHEEL BD12x12x1-7/16 REV CV	1171052	2	2	2
25	CONNECTOR FEMALE COMPRESSION	1171138	1	1	1
26	DECK FAN INDOOR	1171215	1	1	1
27	HEAT BAFFLE	1171283	1	1	1
28	KEY	1171321	1	1	1
29	PULLEY 1 7/16 X 8.00 2B5V80	1173194	1	1	1
30	BELT V B50 53"	1171811	2	2	2
31	PULLEY 1 3/8 X 6.50 2VP65	1173193	1	1	1
32	UPRIGHT INDOOR FAN MOTOR	1171226	1	1	1
33	BRACKET EVAP MOTOR	1171076	1	1	1
34	MTR BLT 3/575 10.0 1740	1173179	*	*	1
34	MTR BLT 3/208-460 10.0 1745	1173180	1	1	*
35	MOTOR PLATE	1171346	1	1	1
36	BOLT BELT ADJ 5/16-18 X 15.5	1171055	2	2	2
37	BRACKET EVAP MOTOR	1171075	1	1	1
38	ANGLE MOTOR MOUNTING PLATE	1171013	1	1	1
39	BRACKET FAN 19"ZEE CHANNEL	1171212	1	1	1
40	PANEL CUTOFF BLWR	1171044	2	2	2
42	INDOOR FAN DECK	1171310	1	1	1
43	RAIL TOP	1171490	1	1	1
44	BRACKET ASY BEARING	1171036	2	2	2
45	BRACKET FAN 1.75"HAT CHANNEL	1171210	2	2	2
46	TUBE	1171501	1	1	1
47	SCROLL FAN	1171224	2	2	2
48	PLATE BLOWER SIDE	1171047	2	2	2
49	PLATE BLOWER SIDE	1171046	2	2	2
50	BEARING PILLOW BLOCK 1-7/16"	1171034	2	2	2
51	CONNECTOR MALE COMPRESSION	1171157	1	1	1
52	BRACKET FAN 7"ZEE CHANNEL	1171211	1	1	1
54	DECK FAN INDOOR	1171213	1	1	1
55	SHAFT BLR	1171225	1	1	1
61	COIL	1173170	1	1	1

**PAS300 PARTS LIST (continued)**

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAS300H000AA	PAS300L000AA	PAS300S000AA
62	COIL	1173191	1	1	1
63	CAP FLARE	1171101	8	8	8
64	CORE VALVE	1171508	6	6	6
65	CORE VALVE	1173177	4	4	4
66	SWITCH PRESS HI O426 C320	1172381	2	2	2
67	SWITCH PRESS LO O27 C44	1171868	2	2	2
68	VALVE TXV 11.0 EBSVE-11-GA	1173173	1	1	1
69	VALVE TXV	1172595	1	1	1
70	CLAMP TUBE 1-3/8"	1172436	2	2	2
71	CLAMP 7/8"ID	1171115	2	2	2
72	COMPRESSOR	1173195	1	*	*
72	COMP SM1614VR 460/3/60	1173196	*	1	*
72	COMP SM1617VR 575/3/60	1173197	*	*	1
73	COMP SM120S7VA 575/3/60	1172878	*	*	1
73	COMP SM120S4VA 460/3/60	1172879	*	1	*
73	COMP SM120S3VA 230/3/60	1172880	1	*	*
75	FREEZE STAT O30 C45	1171252	2	2	2
81	DRIER 16 CI 1/2"IN & OUT	1171203	2	2	2
85	STRAP FILTER	1172133	2	2	2
90	PLUG FUSIBLE 170F	1171403	2	2	2
94	PANEL TOP EVAP	1171360	1	1	1
95	SUPPORT	1171465	1	1	1
96	OUTDOOR FAN DECK	1171355	1	1	1
97	PANEL TOP COND	1171489	1	1	1
98	SUPPORT TOP IFM ACCESS SIDE	1171847	1	1	1
99	POST CORNER	1171176	1	1	1
100	PANEL OUTDOOR ACCESS	1171377	2	2	2
101	POST CENTER	1171083	4	4	4
102	LATCH ASSEMBLY	1171019	8	8	8
103	PANEL CENTER ACCESS	1171378	2	2	2
104	BAFFLE FAN	1171209	1	1	1
105	PANEL INDOOR ACCESS	1171379	2	2	2
106	COVER FILTER ACCESS	1171319	1	1	1
107	CORNER POST IFM ACCESS SIDE	1171408	1	1	1
108	PLATE 25% AIR	1171392	1	1	1
109	SLIDER 25% AIR	1171457	1	1	1
110	PANEL	1171361	1	1	1
111	CORNER POST	1171171	1	1	1
112	BAFFLE	1171017	1	1	1
113	POST CONDENSER CTRL BOX SIDE	1171411	1	1	1
114	INNER ELEC BOX COVER	1171316	1	*	*
115	PARTITION FAN	1171217	1	1	1
116	ANGLE BASE RAIL	1171029	2	2	2
117	RAIL BASE	1171030	1	1	1
118	PAN FILTER	1171236	1	1	1
119	PAN FILTER	1171237	1	1	1
120	PAN CONDENSATE	1171517	1	1	1
121	BASE PAN	1171021	1	1	1
122	HEATER PAN	1171292	1	1	1
123	HEATER PAN	1171291	1	1	1
123	PANEL	1171366	*	2	2

**PAS300 PARTS LIST (continued)**

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAS300H000AA	PAS300L000AA	PAS300S000AA
124	BASE PAN	1171022	1	1	1
125	RAIL BASE	1171028	1	1	1
126	RAIL BASE	1171027	1	1	1
127	BAFFLE	1171016	1	1	1
128	COVER HOOD TOP	1171183	1	1	1
129	BRACKET FILTER	1171241	1	1	1
130	ANGLE FILTER RETAINER	1171015	1	1	1
131	BRACKET FILTER	1171084	1	1	1
132	PAN HOOD DRAIN	1171358	1	1	1
133	PANEL HOOD SIDE RIGHT	1171380	1	1	1
134	PANEL HOOD SIDE LEFT	1171381	1	1	1
135	CONTACTOR 3P 40A 24V	1172449	*	3	3
135	CONTACTOR 2P 40A 24V	1173183	1	*	*
136	CONTACTOR 2P 20A 24V	1171160	1	*	*
136	CONTACTOR 3P 25A 24V	1173184	*	1	1
137	CONTACTOR 3P 60A 240V	1171162	2	*	*
139	RELAY 24V DPST 9400-03Q228	1171436	3	*	*
139	RELAY DPDT 6FLA 24V	1171813	*	2	2
140	FUSE SC-25 25A 600V	1171253	3	*	*
141	TERMINAL BLOCK	1171485	2	*	*
141	TERMINAL BLOCK 1P 175A 600V	1171486	*	2	2
142	FUSE HOLDER HPS-FF 30A 300V	1171259	3	*	*
143	FUSE KTK-3 1/2 3.5A 600V	1171098	*	2	2
144	FUSE HOLDER HPF 30A 600V	1171258	*	2	2
145	TRANS 600>120/240 500VA	1171837	*	*	1
147	PLUG	1171401	1	1	1
151	INSUL HEAT BAFFLE ASY	1171881	1	1	1
152	RETAINER DRIP EDGE	1171204	1	1	1
153	CHANNEL DUCT	1171111	1	1	1
154	COVER HEATER	1171178	1	1	1
155	GUARD FAN	1171273	1	1	1
157	PANEL	1171366	2	*	*
161	CONTROL BOX	1171167	1	1	1
162	BRACKET CIRCUIT BREAKER	1172140	1	1	1
163	BREAKER 3.2A 1 POLE 250V	1171114	1	1	1
164	RELAY 24V DPST 9400-03Q228	1171436	*	1	1
165	RELAY COMP LOCKOUT	1171437	2	2	2
166	TRANS 200/230/460>24 75VA	1171498	1	1	1
167	TERMINAL BOARD	1173187	1	1	1
168	BRACKET FUSE	1171256	1	*	*
169	BREAKER 12A 3 POLE 600V	1171081	*	*	1
169	BREAKER 14.6A 3 POLE 48V	1171816	*	1	*
169	BREAKER CIRCUIT	1173182	1	*	*
<b>PARTS NOT SHOWN</b>					
]]	COUPLING HALF	1171009	2	2	2
]]	BRACKET FILTER SUPPORT	1171085	1	1	1
]]	BOLT HEX HEAD 3/8-16 X 2.5	1171103	5	5	5
]]	TUBE FEEDER	1171228	40	40	40
]]	FILTER PACKAGE	1171235	1	1	1
]]	FILTER AIR 20X20X1 WASHABLE	1171243	1	1	1
]]	FILTER AIR 20X25X1 WASHABLE	1171244	2	2	2

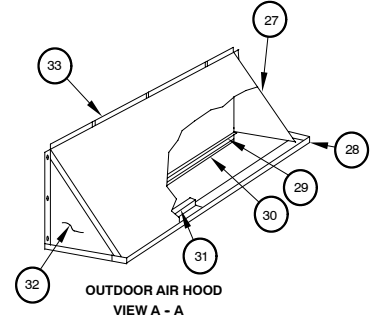
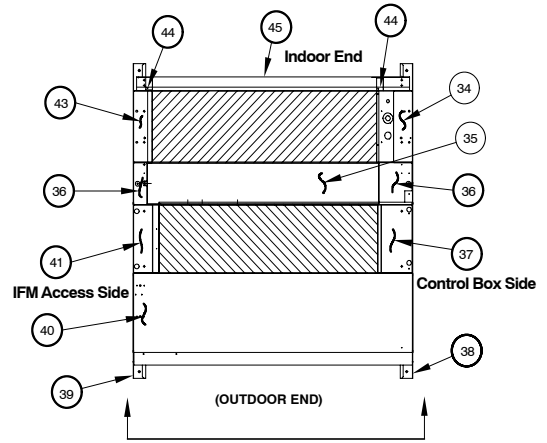
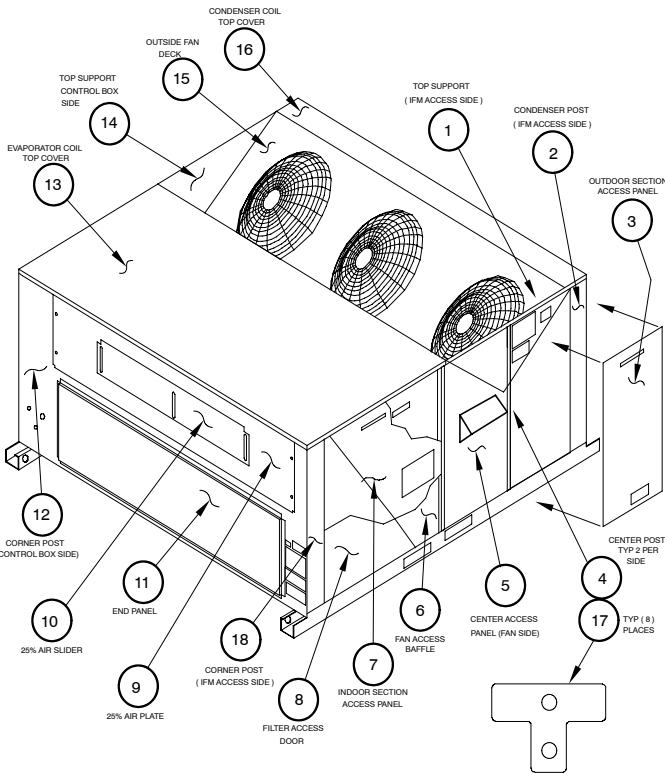
**PAS300 PARTS LIST (continued)**

KEY NO.	DESCRIPTION	FAST PARTS NO.	PAS300H000AA	PAS300L000AA	PAS300S000AA
	HOOD	1171298	1	1	1
	NOZZLE	1171352	1	1	1
	PAINT DARK GREY 16OZ AEROSOL	1171357	1	1	1
	PLATE MOTOR	1171400	1	1	1
	PLUG ASSEMBLY	1171404	1	1	1
	RECEPTACLE	1171430	1	1	1
	SPACER	1171458	1	1	1
	SPACER PLATE	1171459	1	1	1
	FITTING ACCESS	1171507	8	8	8
	LUG GROUND 14-2/0	1171822	1	1	1
	DISTRIBUTOR 1-3/8"X(24)3/16"	1171851	1	1	1
	COVER INNER ELEC BOX	1171882	*	1	1
	RETAINER OUTER FANSIDE PLATE	1172134	2	2	2
	CONDUIT FLEXIBLE	1172138	*	*	1
	GASKET & O-RING KIT	1173168	1	1	1
	TUBE TXV	1173169	1	1	1
	DISTRIBUTOR	1173174	1	1	1
	NOZZLE	1173175	1	1	1
	VALVE BODY	1173176	4	4	4
	HTR CC WP 50W240V	1173185	2	*	2
	HTR CC WP 50W460V	1173186	*	2	*
	CONDUIT CONTL BOX POWER IN	1173188	3	3	*
	SIGHT GLASS	1173192	1	1	1
	OIL	1173198	1	1	1

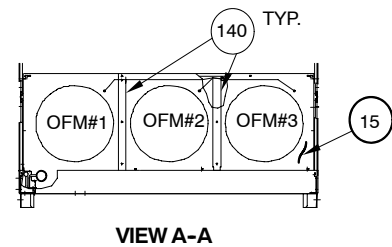
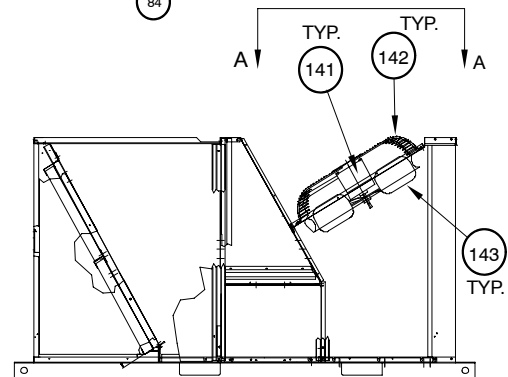
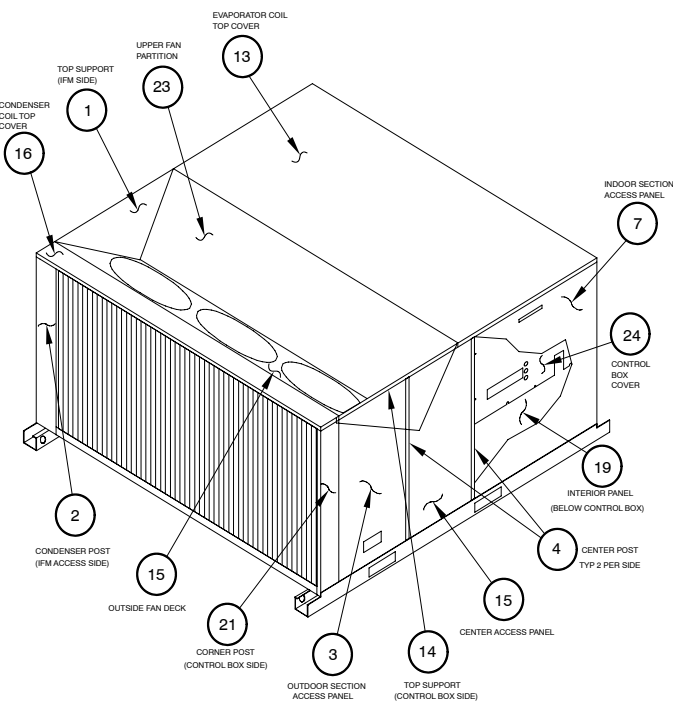
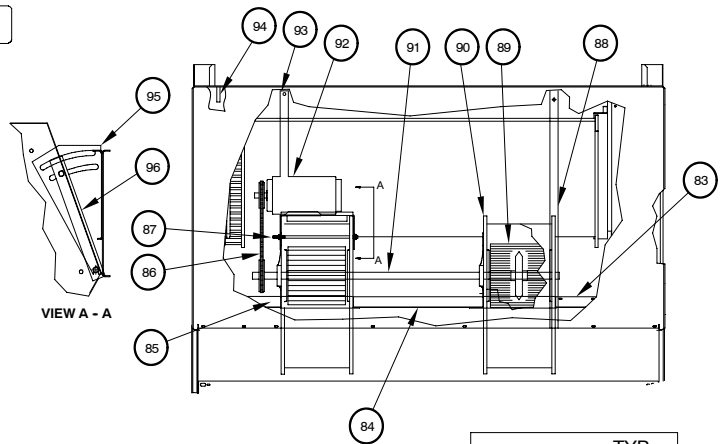


# PAS180

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



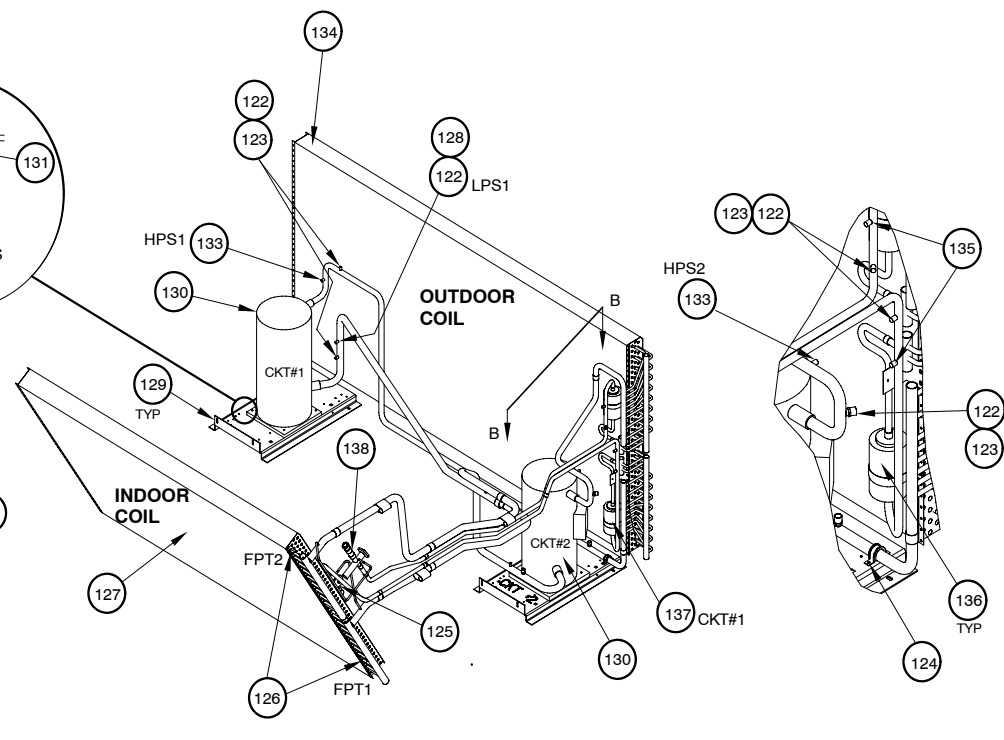
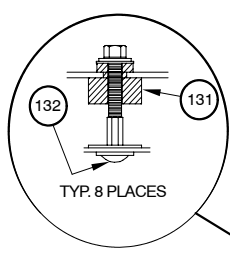
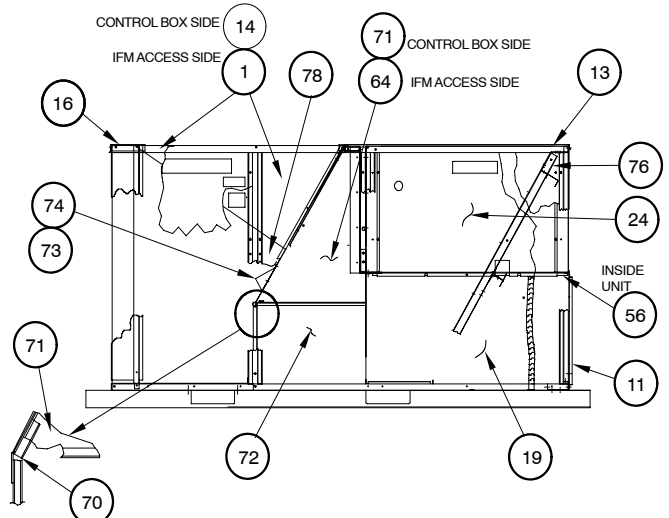
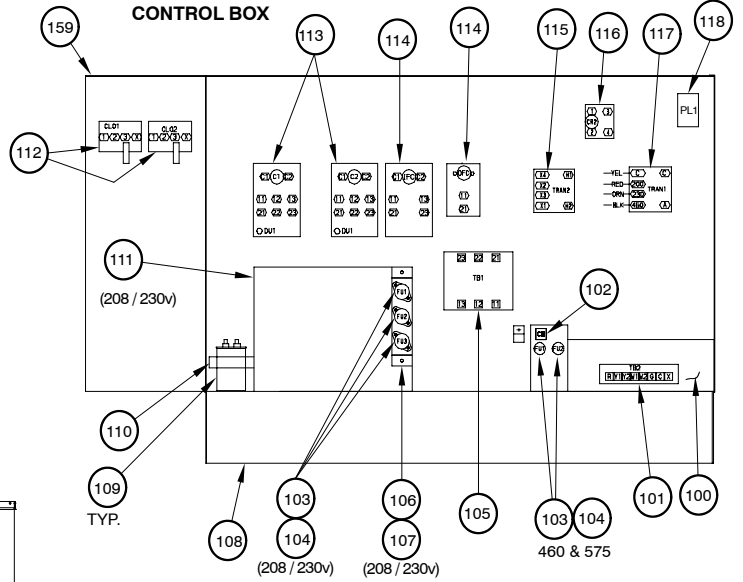
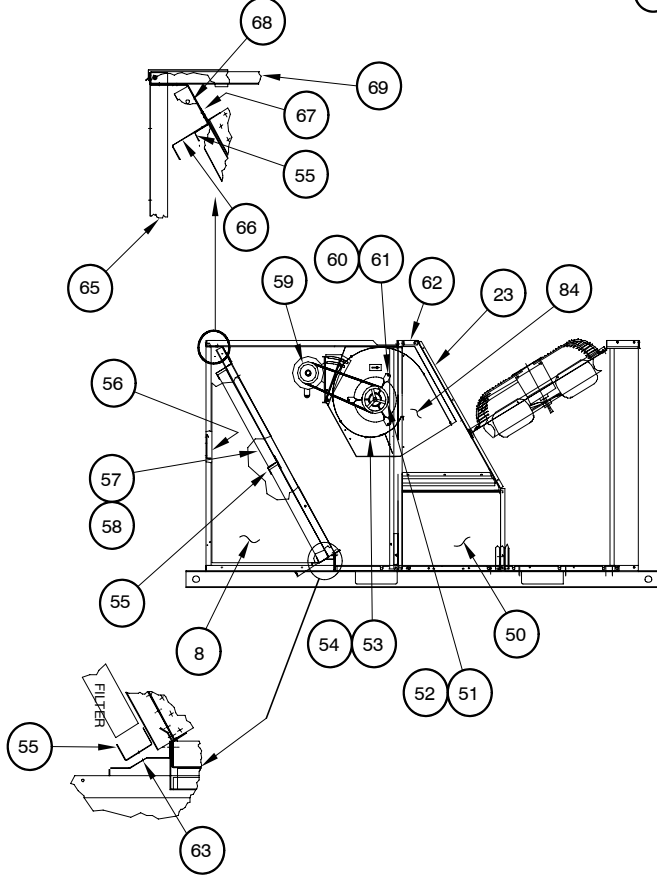
BLOWER SECTION TOP VIEW



VIEW A-A

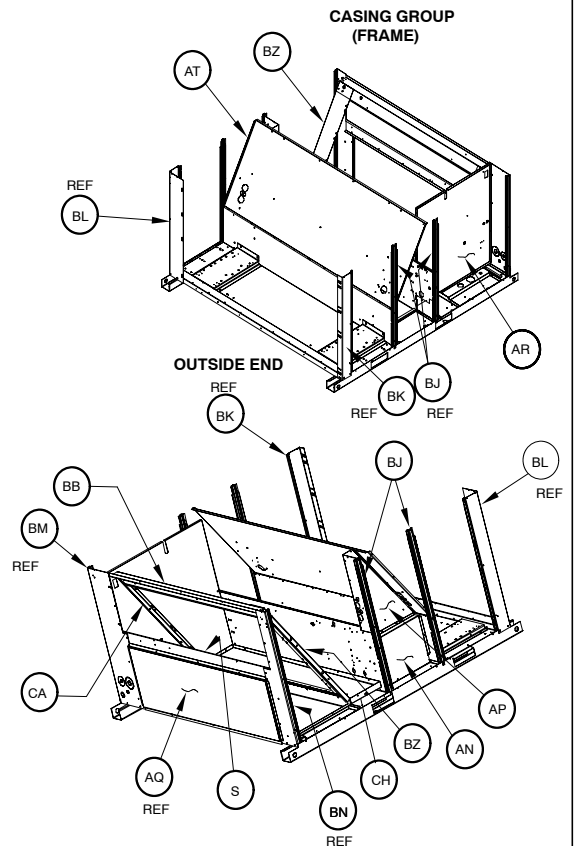
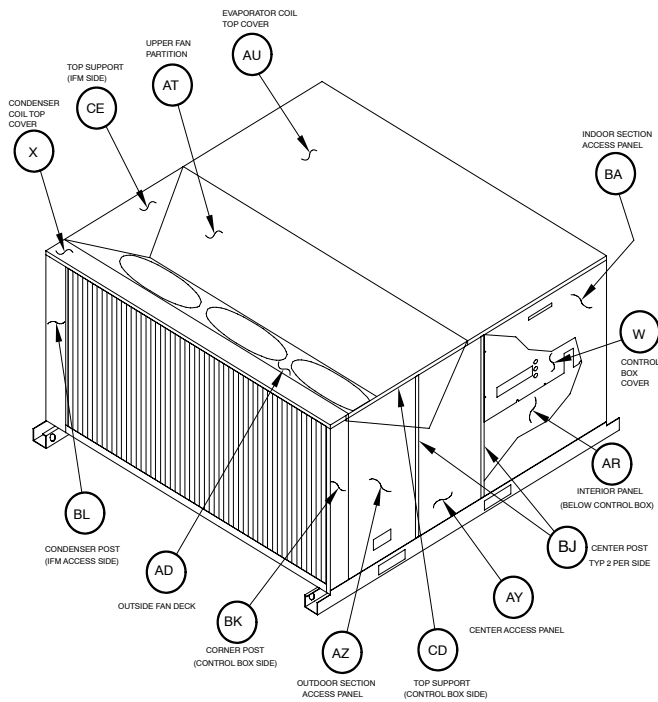
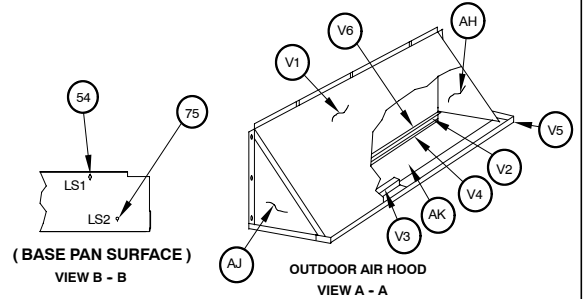
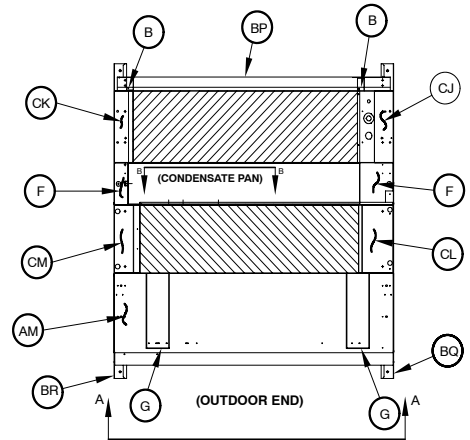
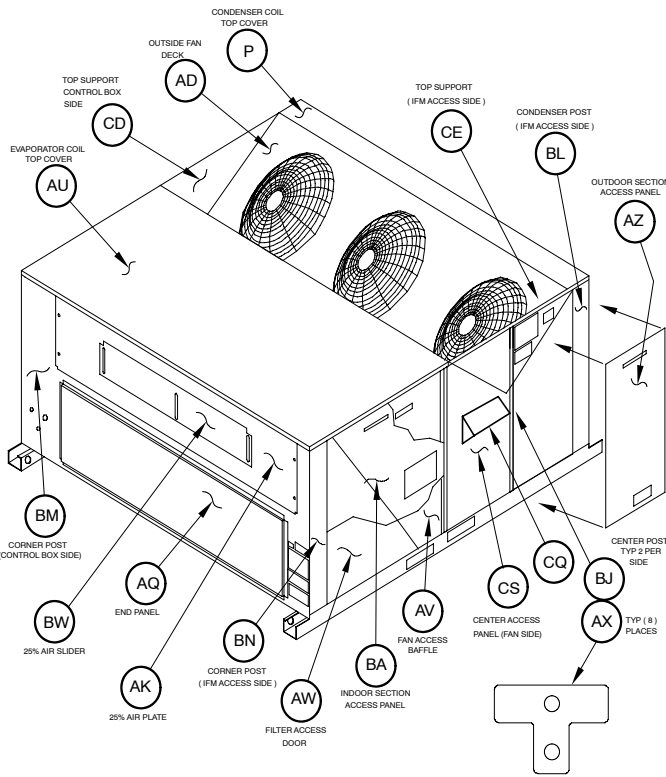
PAS180

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



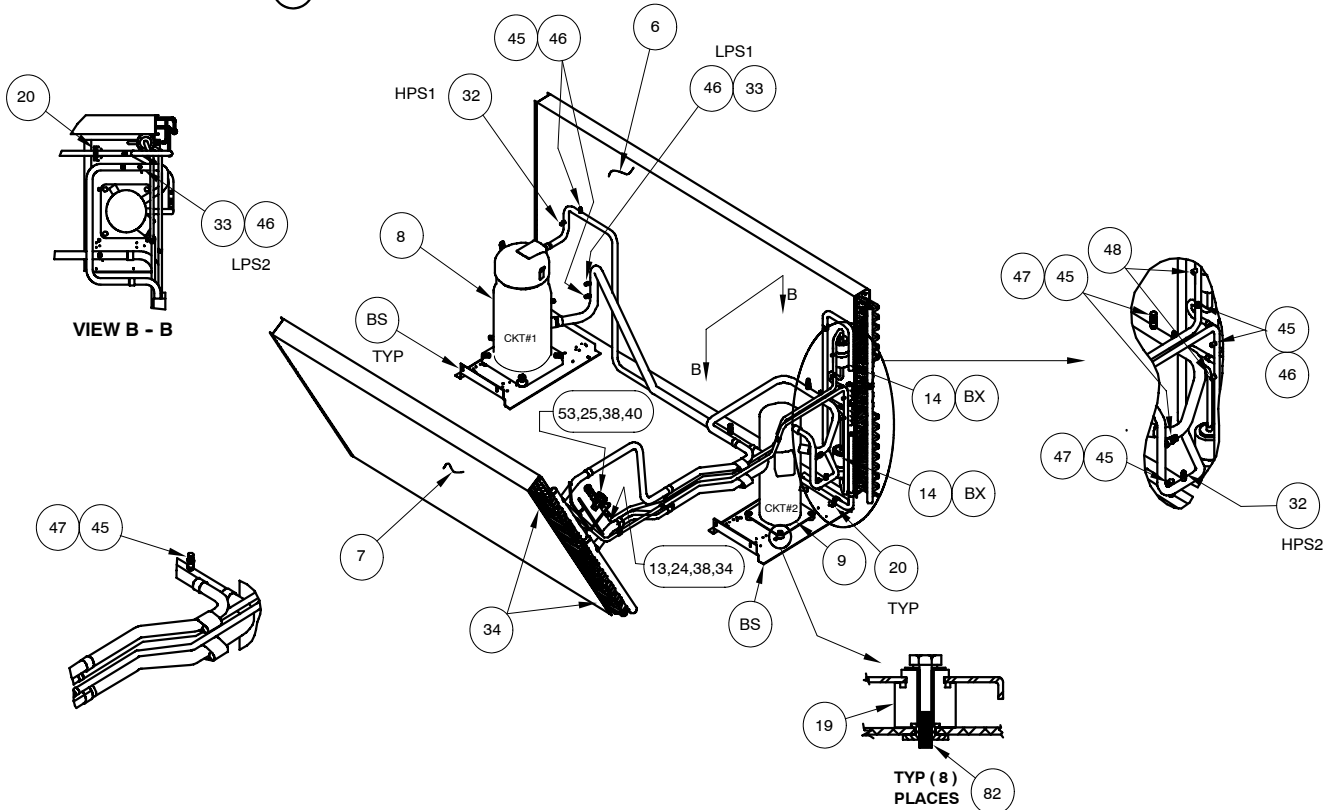
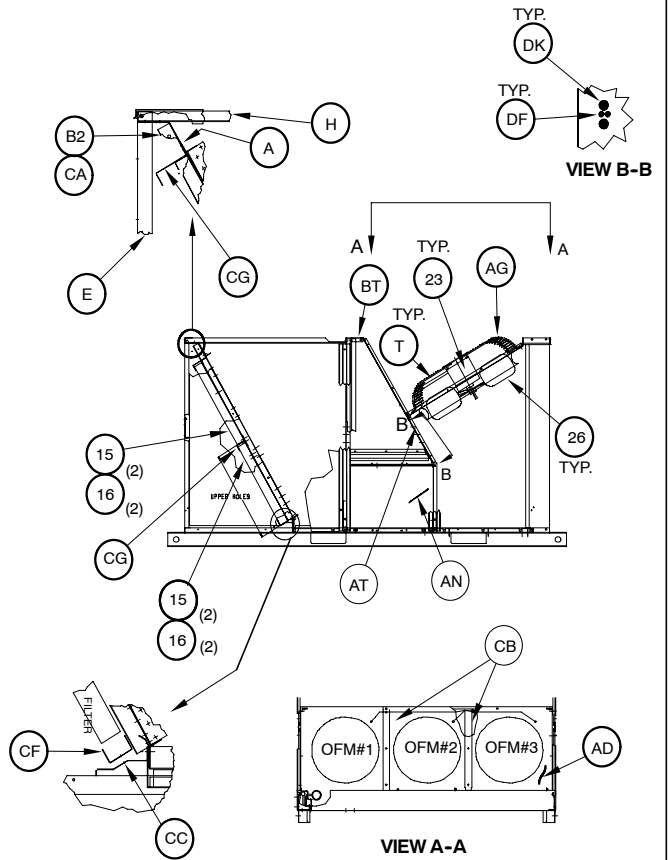
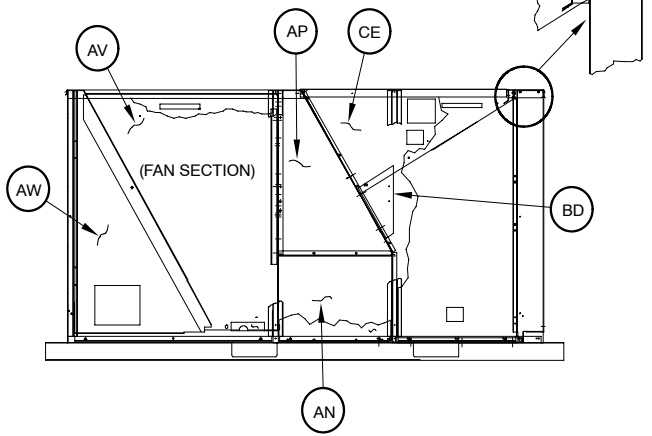
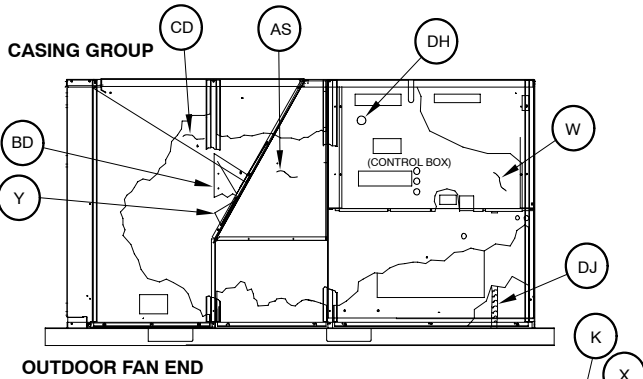
PAS210

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



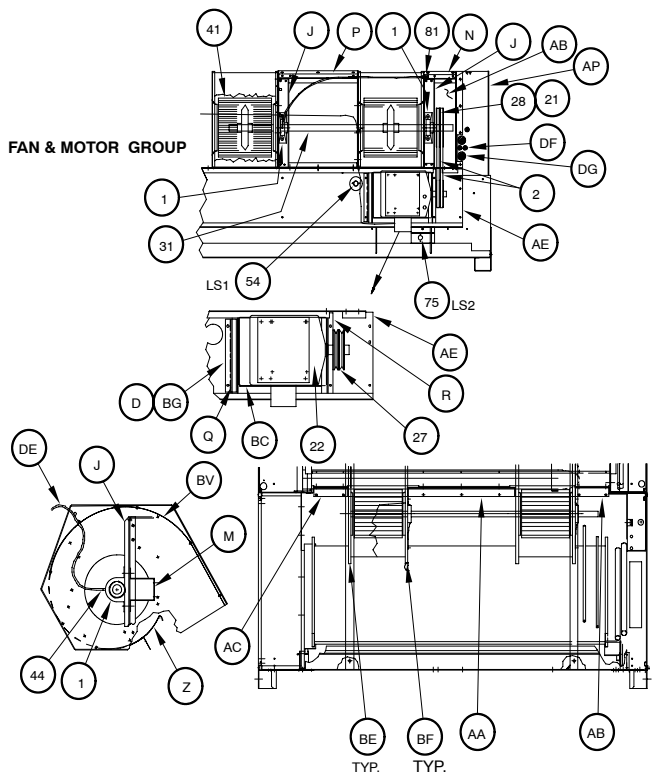
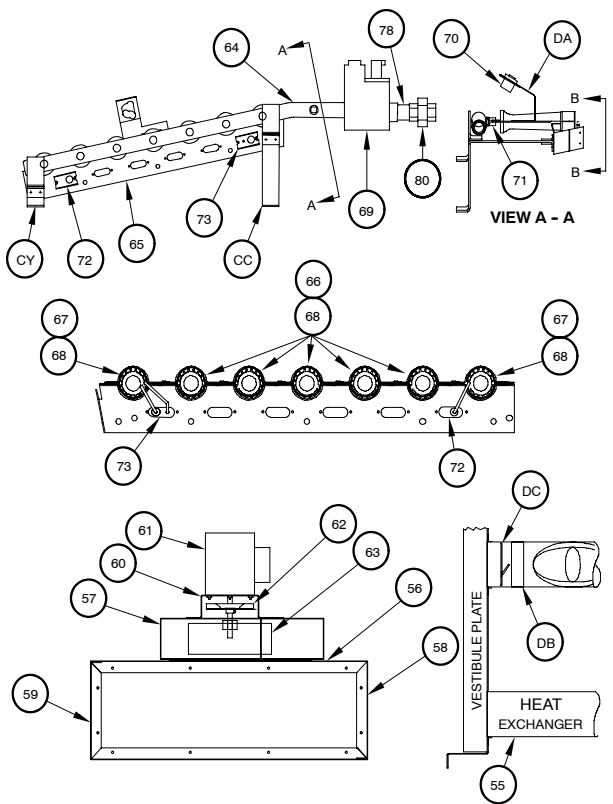
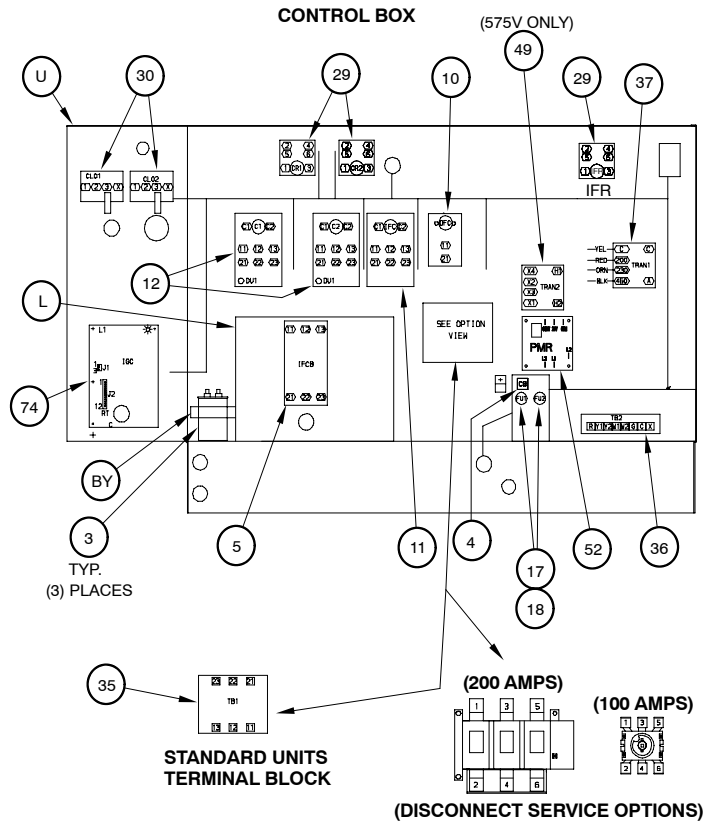
PAS210

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



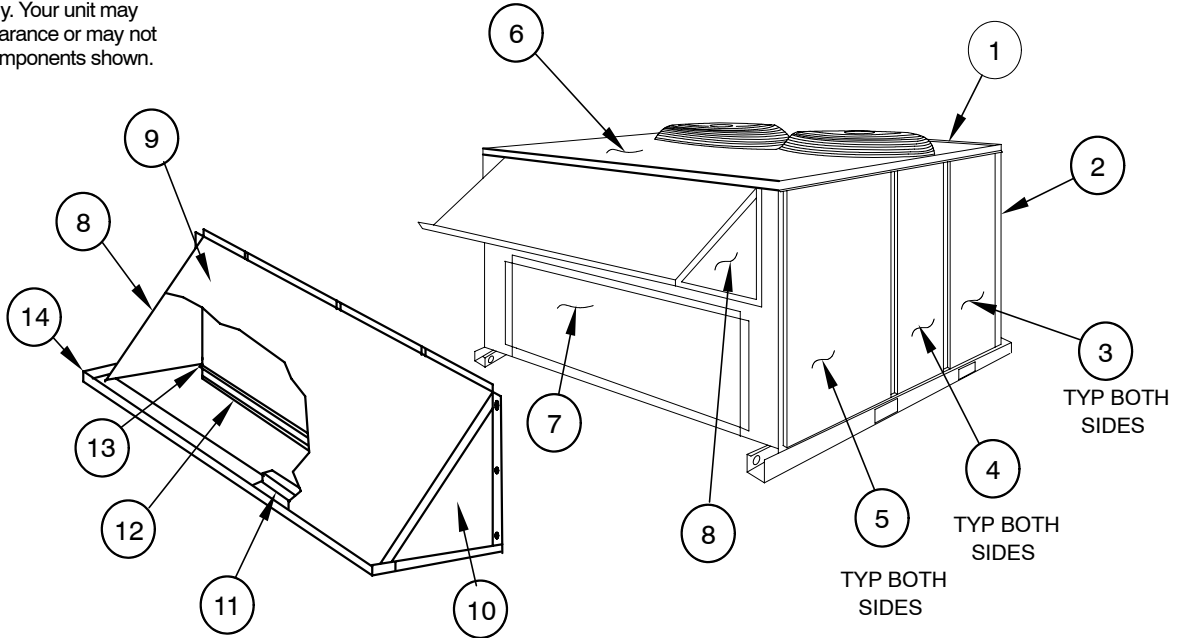
PAS210

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



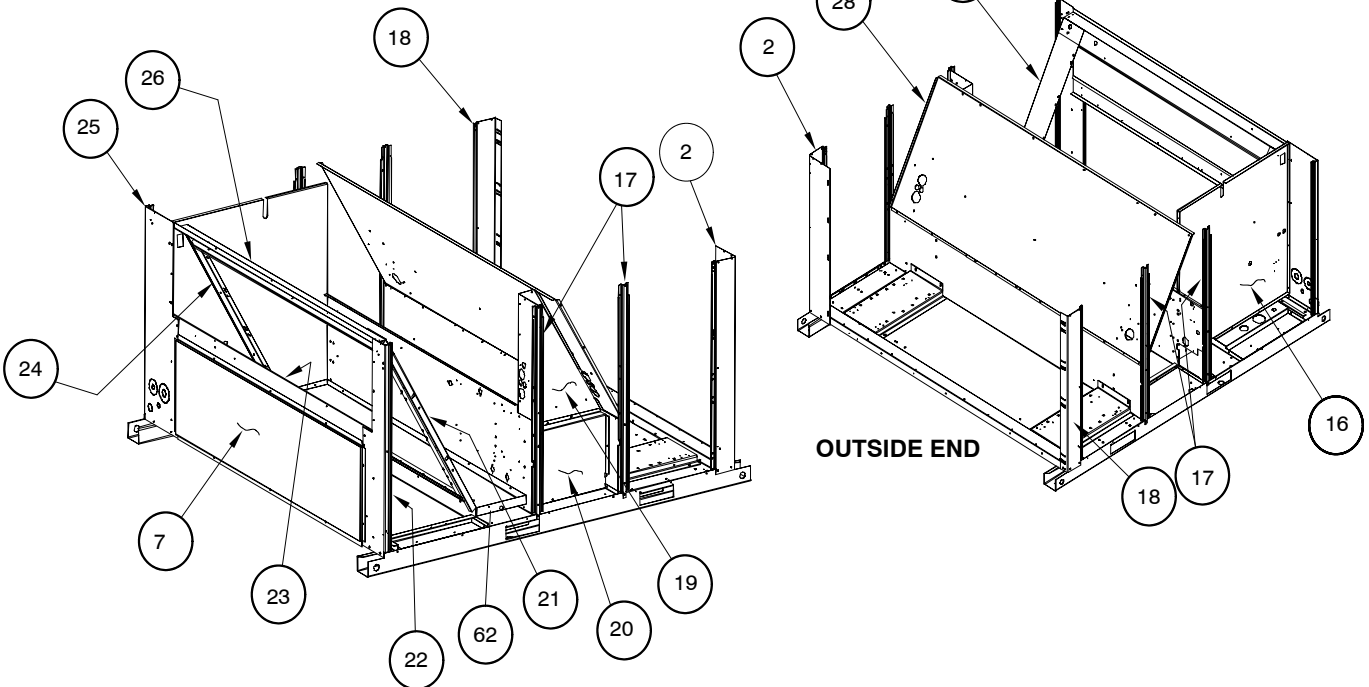
PAS240

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



**OUTDOOR AIR HOOD**

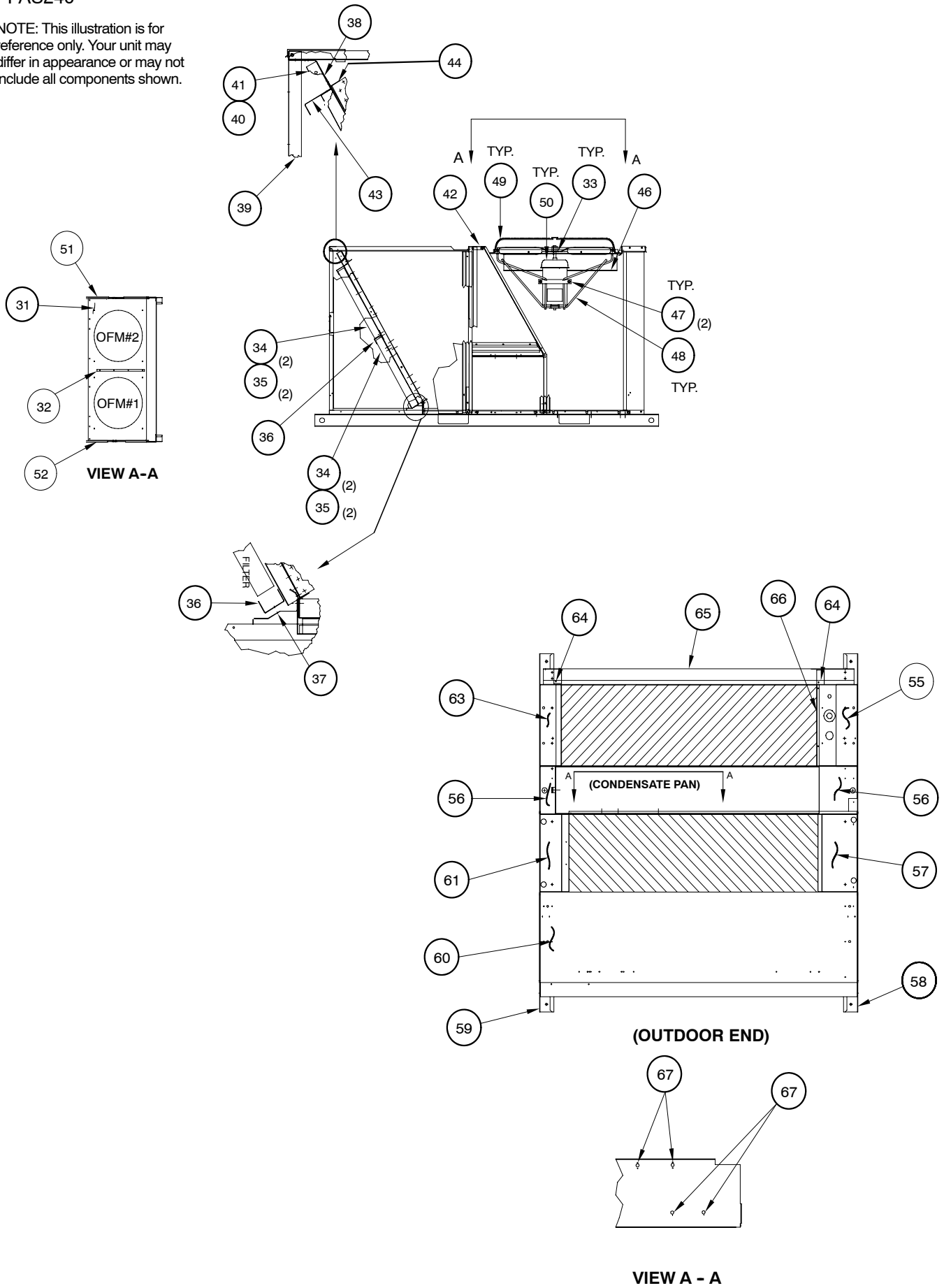
**CASING GROUP (FRAME)**



**OUTSIDE END**

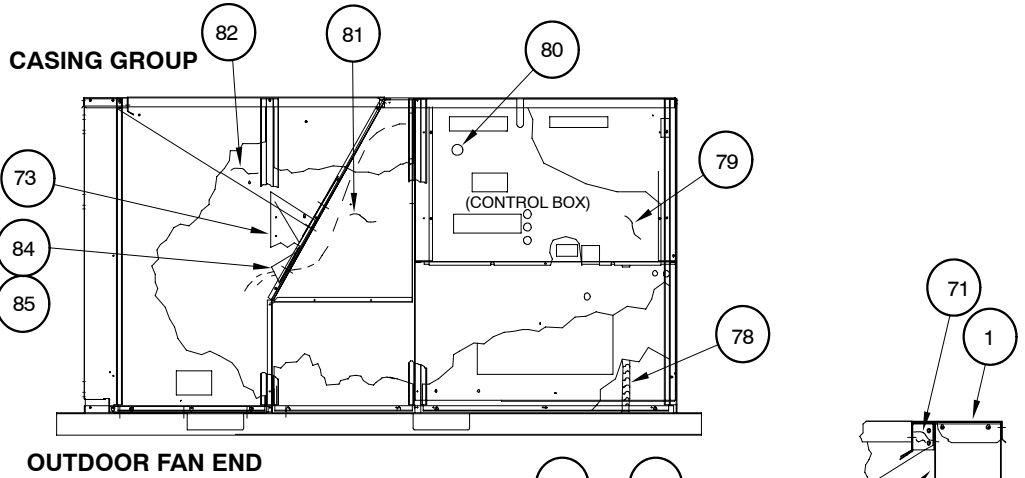
PAS240

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

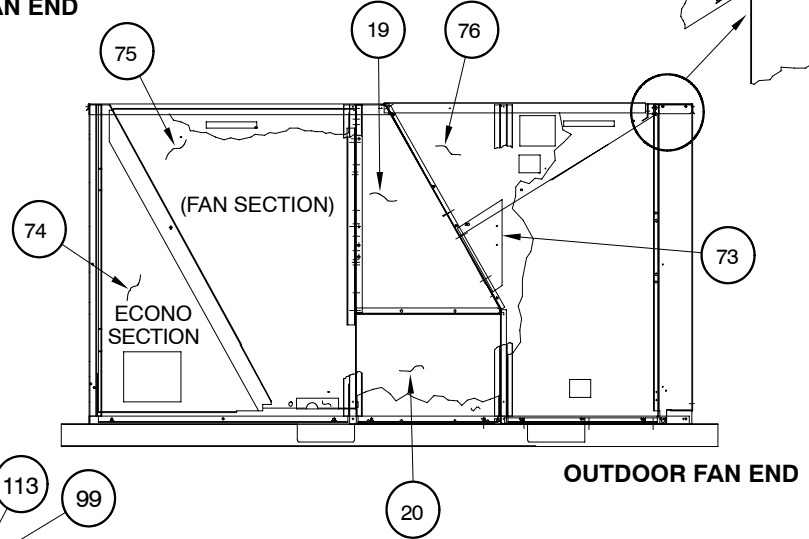


PAS240

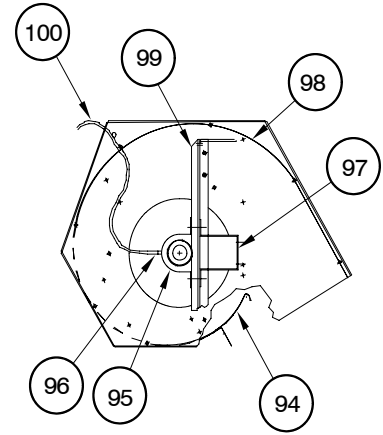
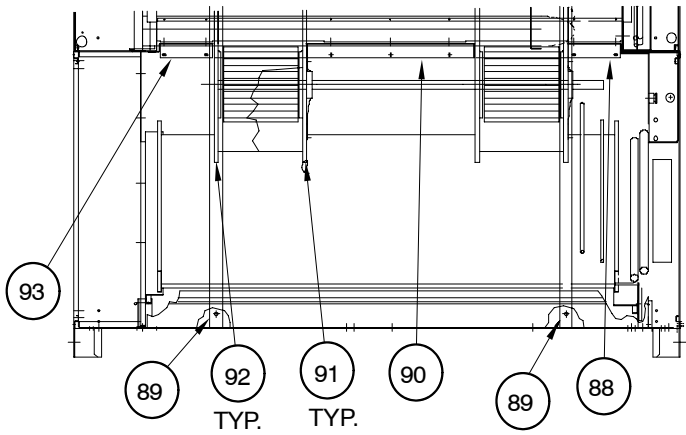
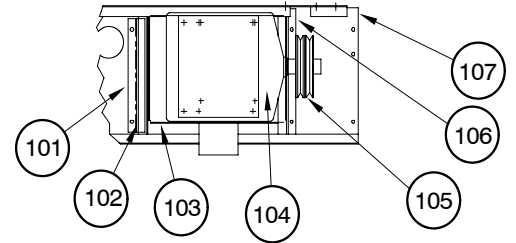
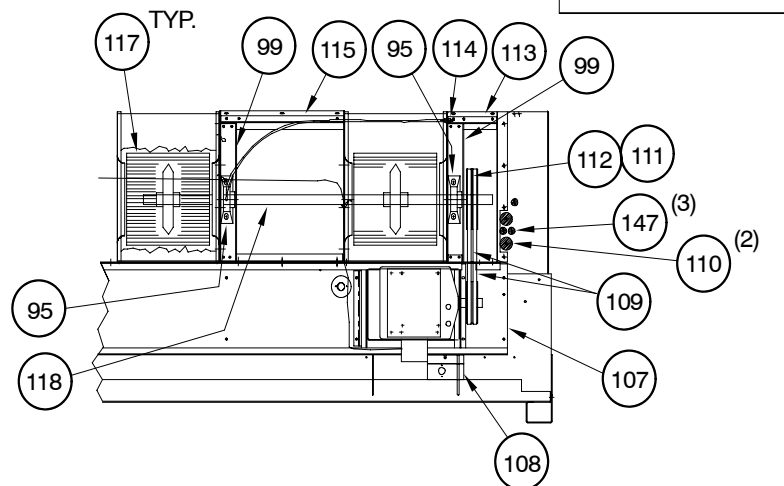
NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.



OUTDOOR FAN END



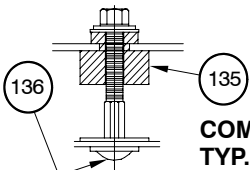
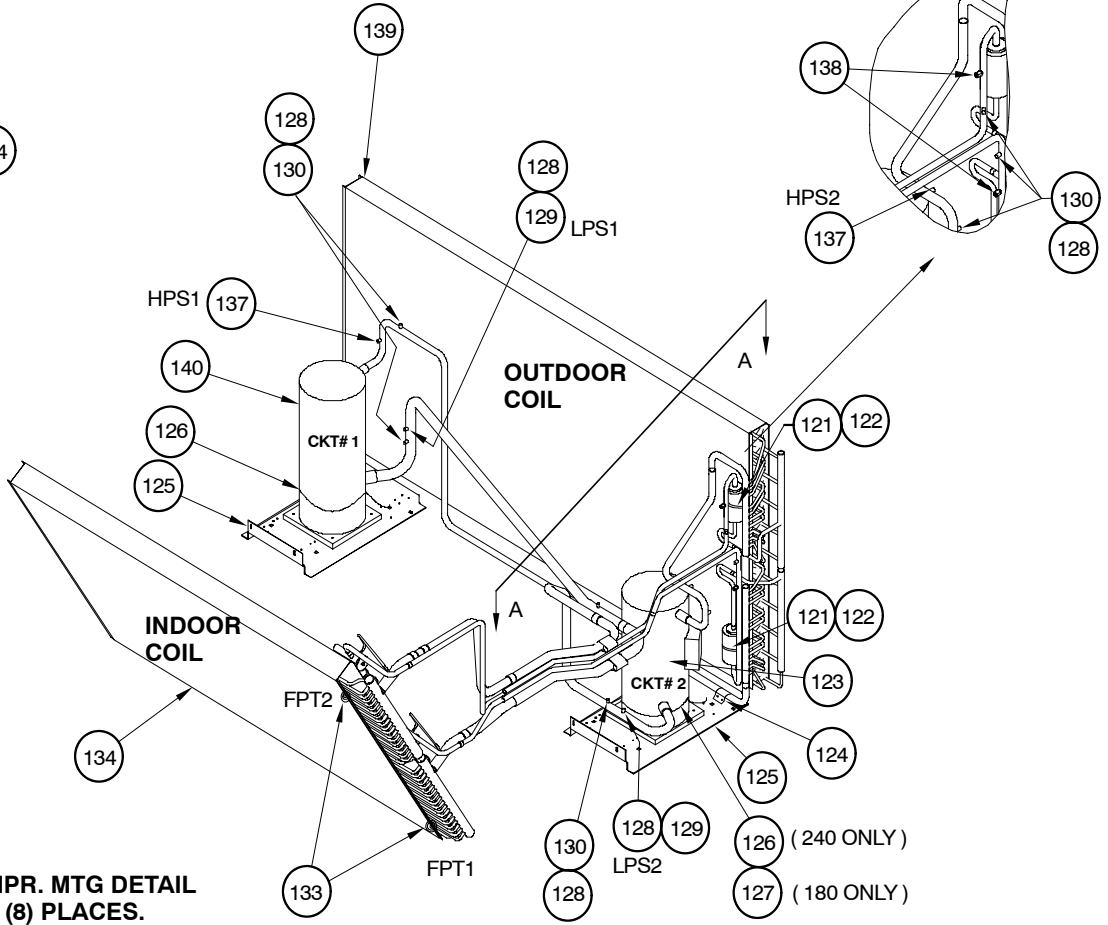
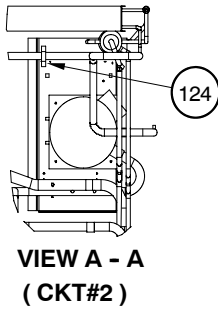
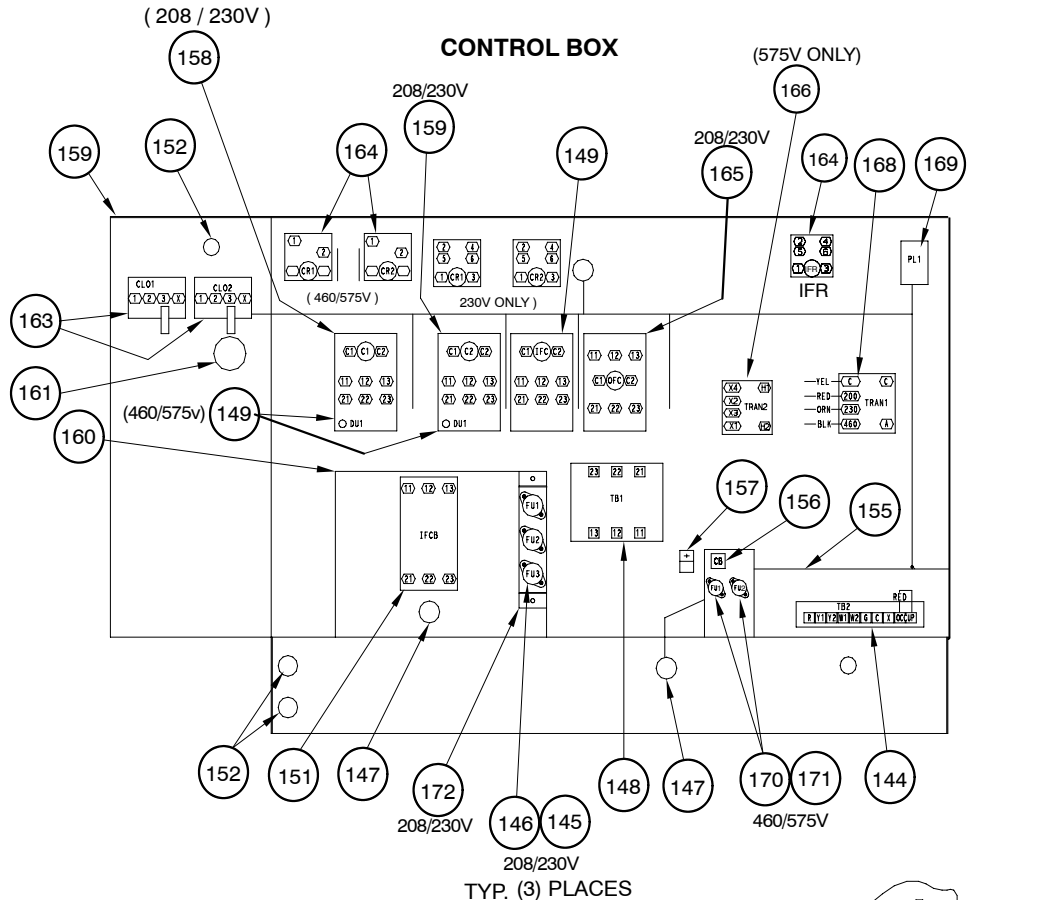
OUTDOOR FAN END





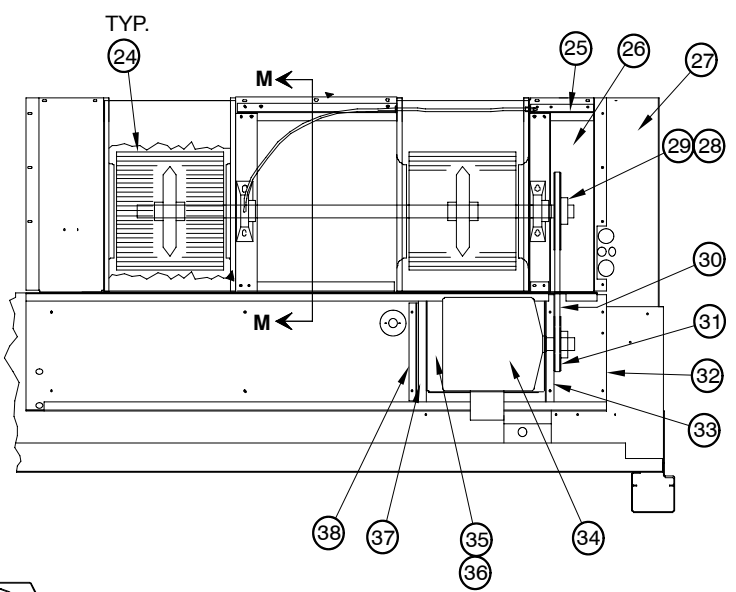
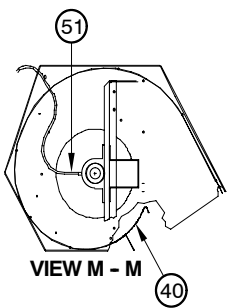
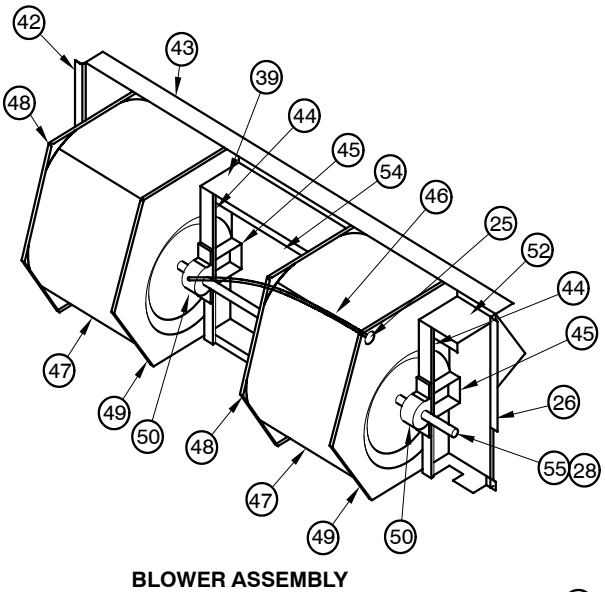
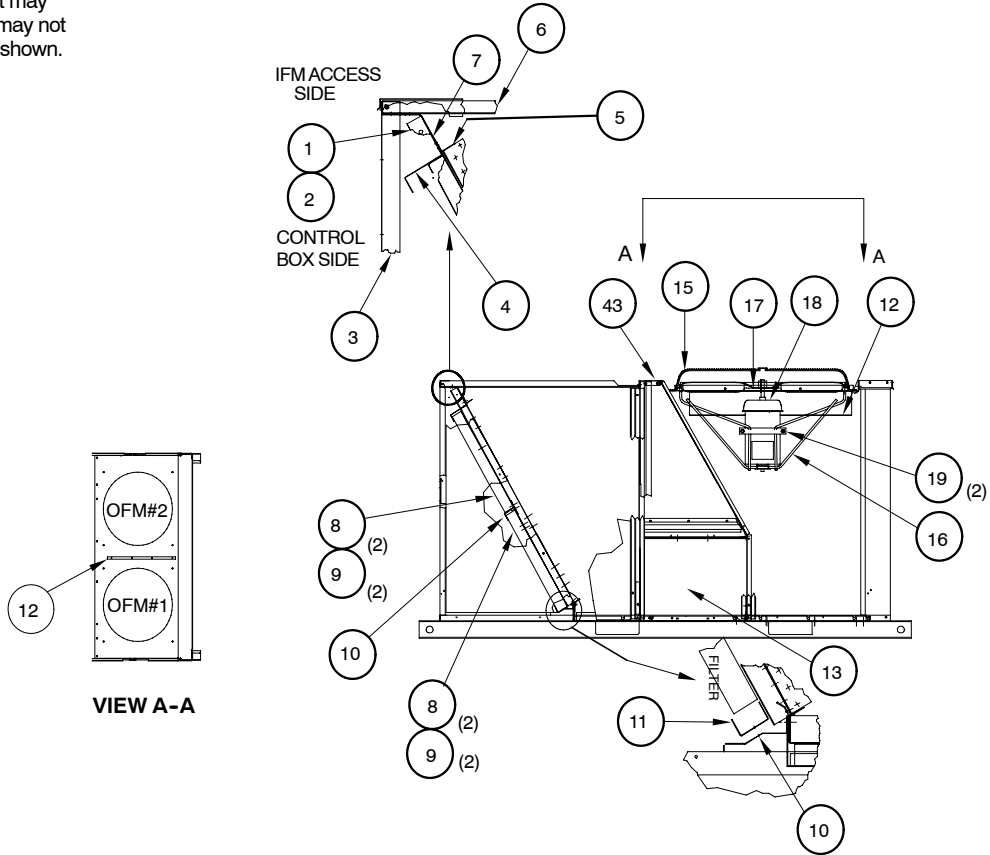
PAS240

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



PAS300

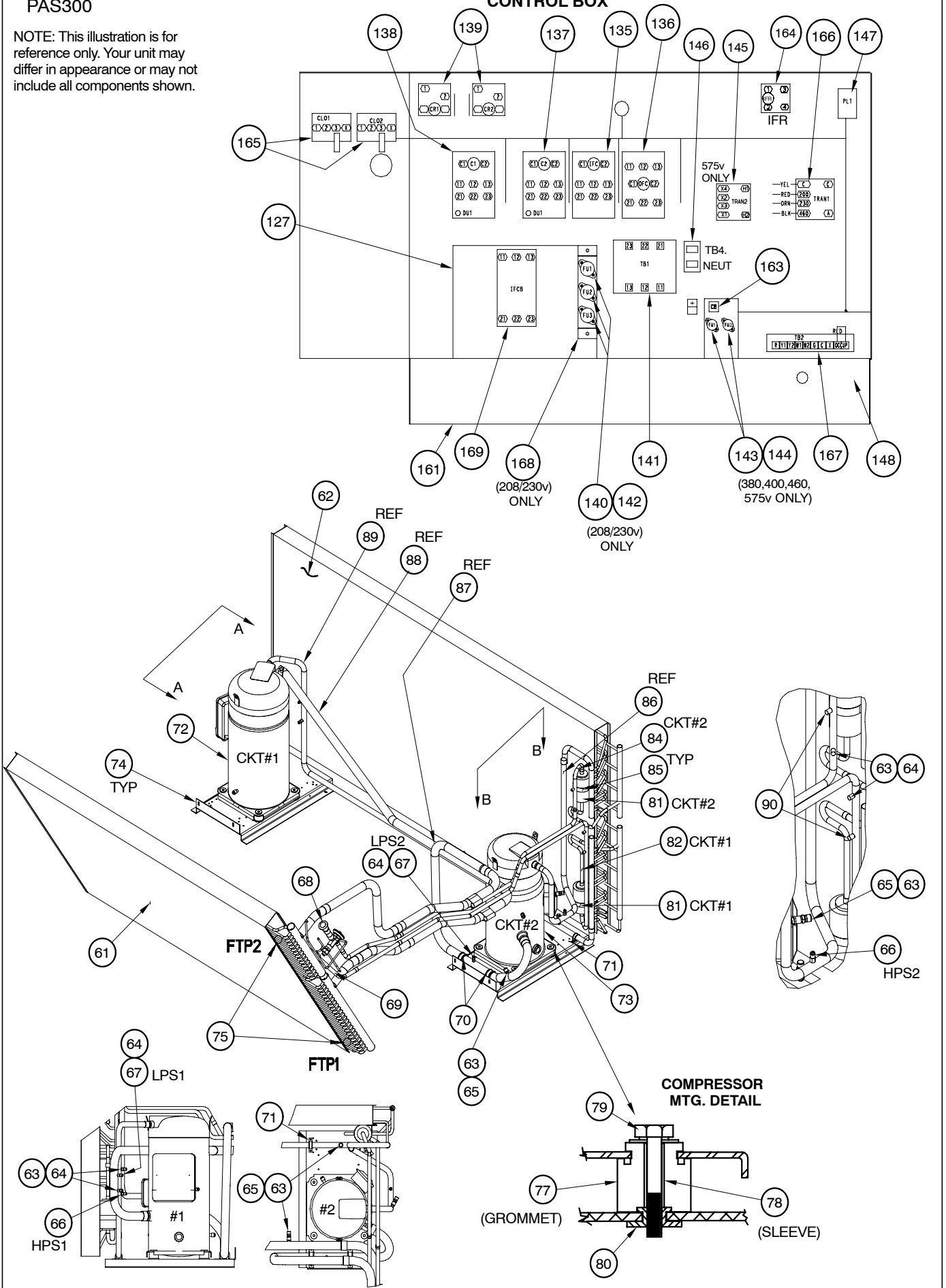
NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.



PAS300

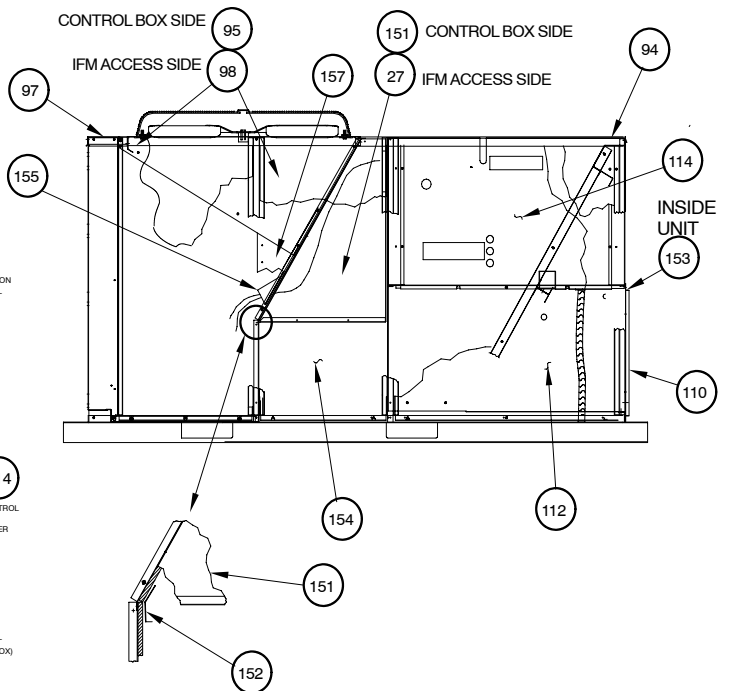
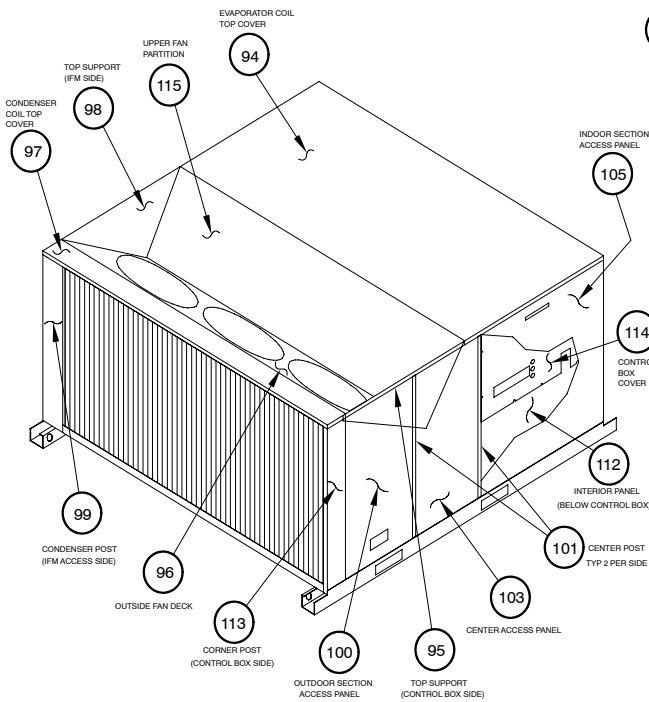
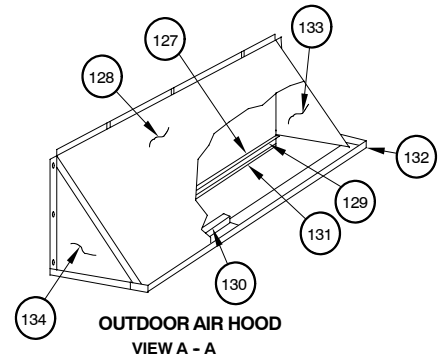
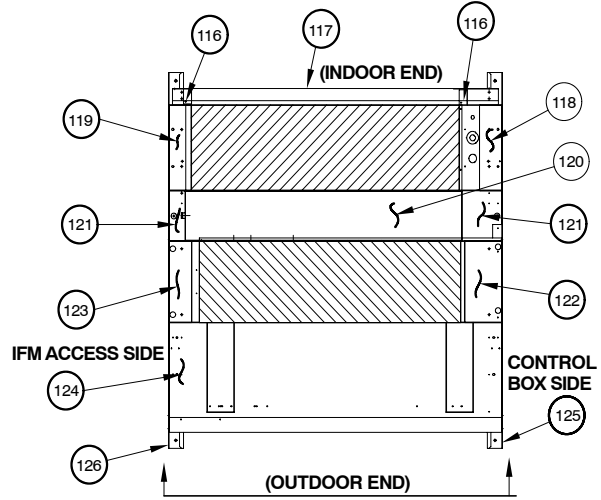
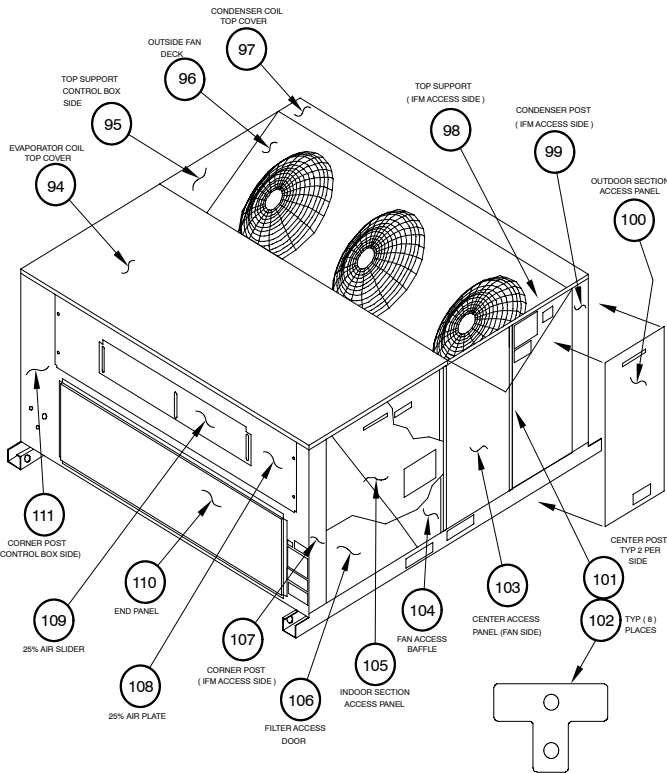
NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.

CONTROL BOX



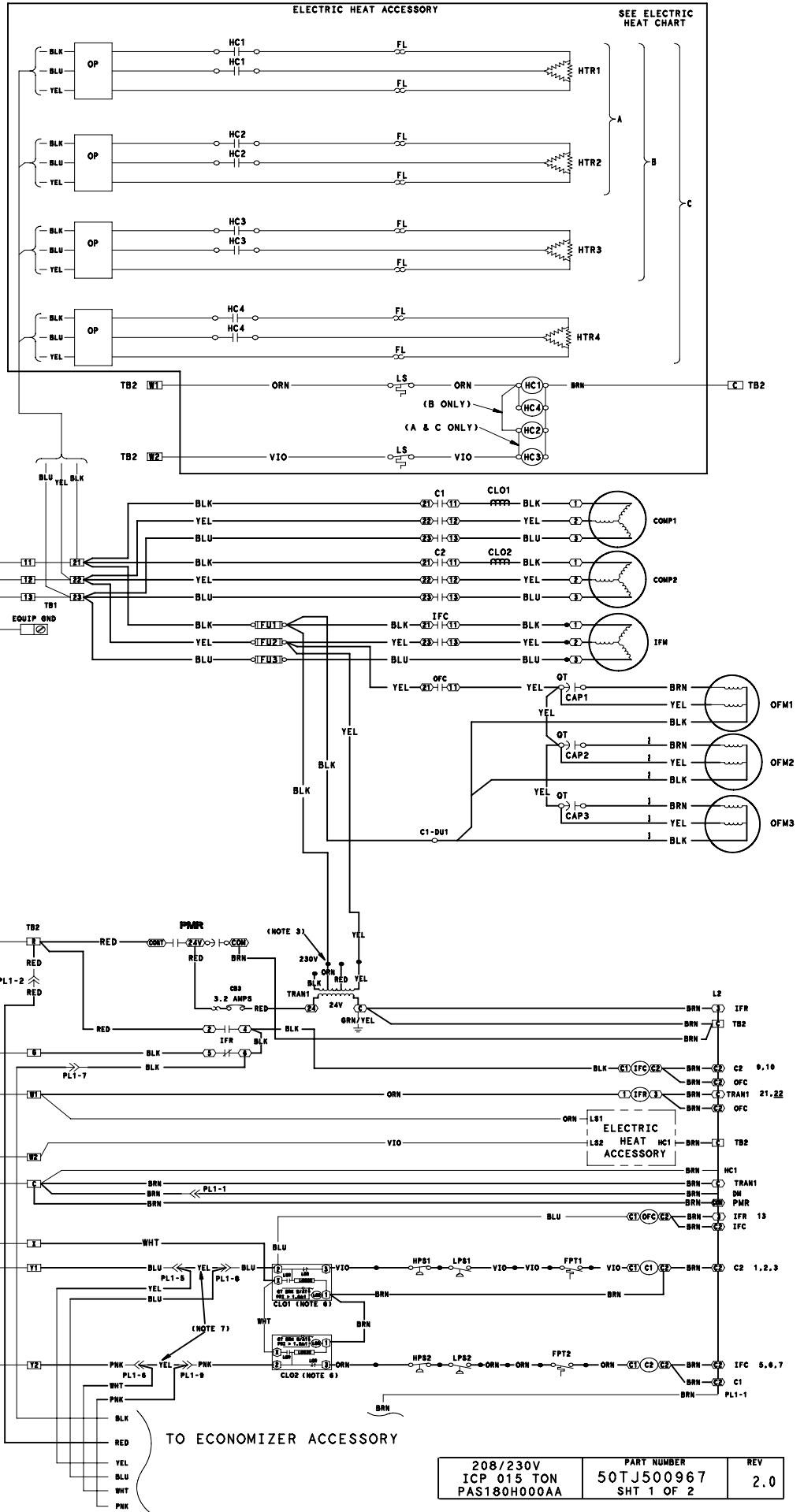
# PAS300

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



SCHEMATIC

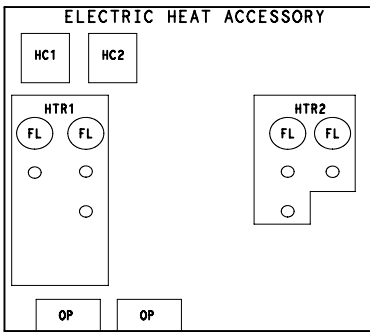
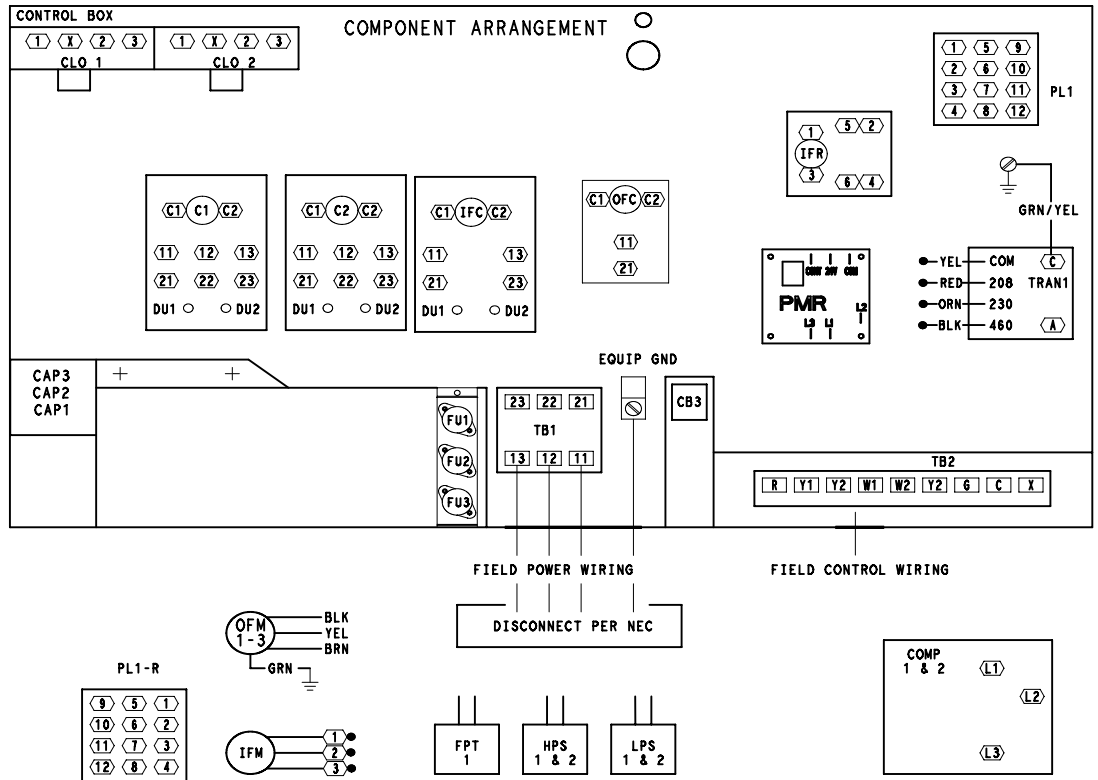
ELECTRIC HEAT		
	208/240V AMPS	200/230V KW
A	71.3/82.3	25.7/34.2
B	117/135	42.2/56.1
C	156/180	56.2/74.8



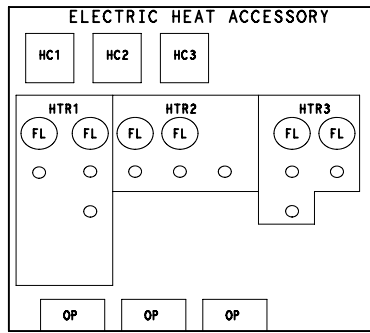
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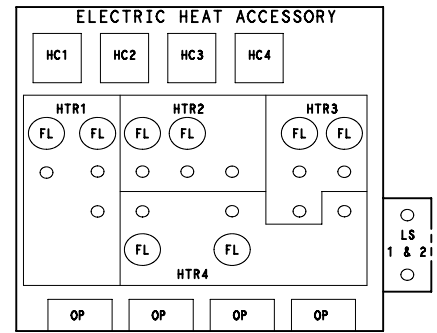
208/230V ICP 015 TON PAS180H000AA	PART NUMBER 50TJ500967 SHT 1 OF 2	REV 2.0
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(A)



(B)



(C)

**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.
- 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.
- THE CLO LOCKS OUT THE COMPRESSOR TO PREVENT SHORT CYCLING ON COMPRESSOR OVERLOAD AND SAFETY DEVICES; BEFORE REPLACING CLO, CHECK THESE DEVICES.
- JUMPERS ARE OMITTED WHEN UNIT IS EQUIPPED WITH ECONOMIZER.
- 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

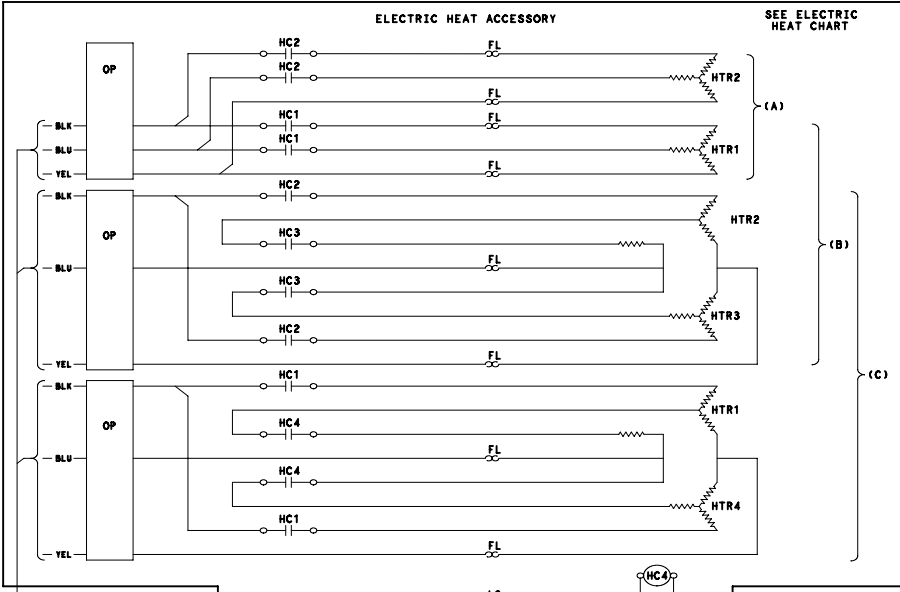
- FACTORY WIRING
- FIELD WIRING
- - - OPTION/ACCESSORY WIRING
- TO INDICATE COMMON POTENTIAL ONLY: NOT TO REPRESENT WIRING

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	LIQ LINE SOLONOID VALVE
CLS	COOLING 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	PMR	PHASE MONITOR RELAY
FU	FUSE	PRI	PRIMARY
GND	GROUND	SR	SOLONOID RELAY
HC	HEATER CONTACTOR	SW	SWITCH
HPS	HIGH PRESSURE SWITCH	TB	TERMINAL BLOCK
		TC	THERMOSTAT COOLING
		TDR	TIME DELAY RELAY
		TH	THERMOSTAT HEATING
		TRAN	TRANSFORMER

208/230V	PART NUMBER	REV
ICP 015 TON	50TJ500967	2.0
PAS180H000AA	SHT 2 OF 2	

PAS180 460 - 3 - 60  
SCHEMATIC

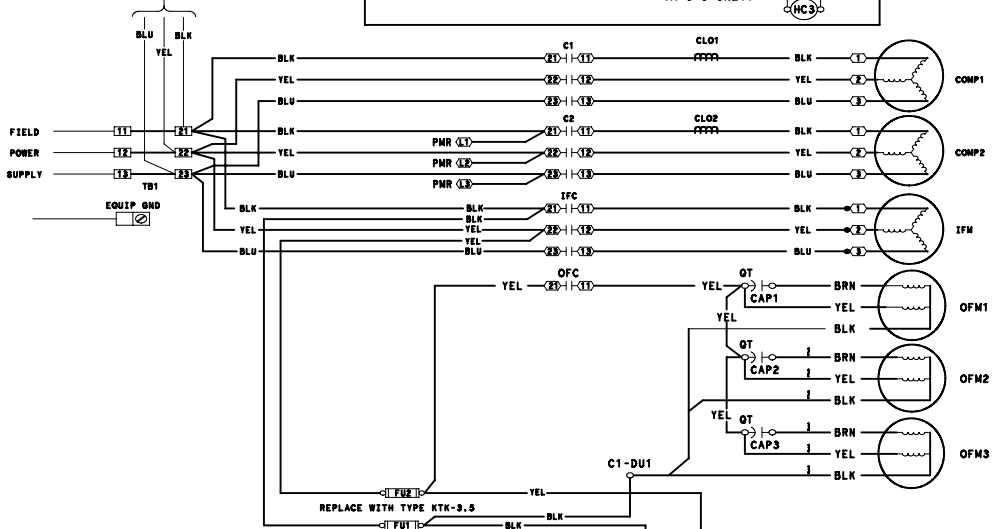
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	480V AMPS	480V KW
A	39	32.4
B	66.1	55
C	96	79.8



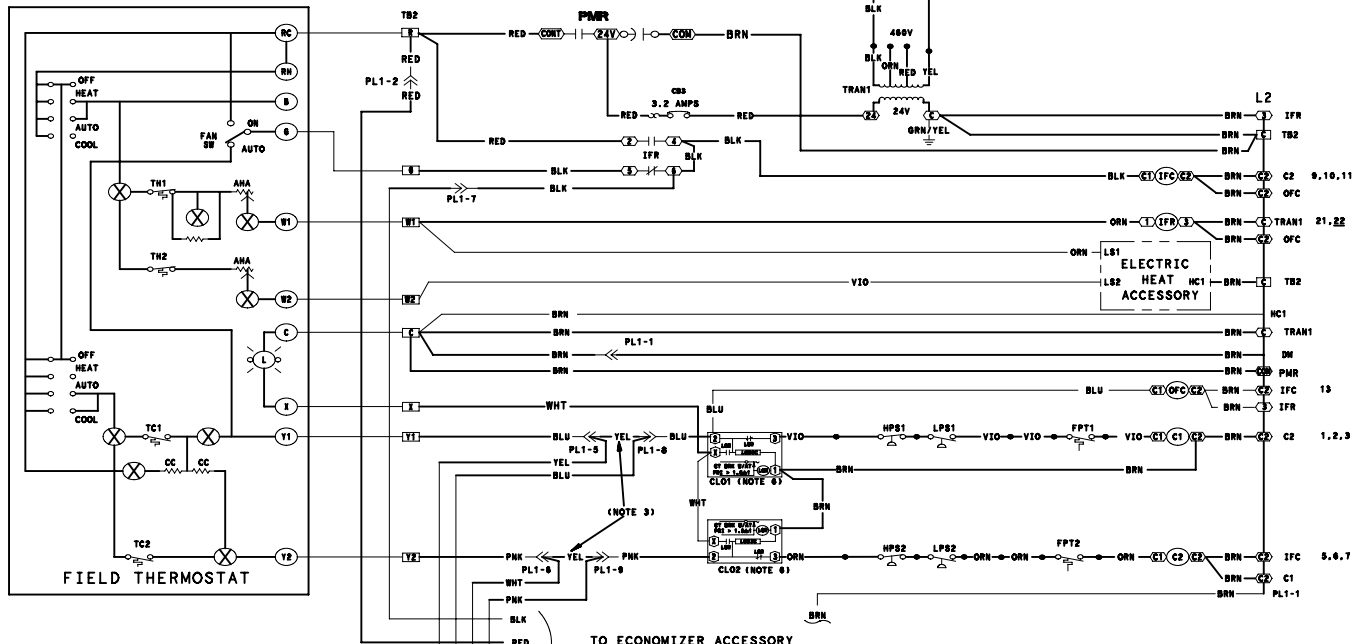
SEE ELECTRIC HEAT CHART

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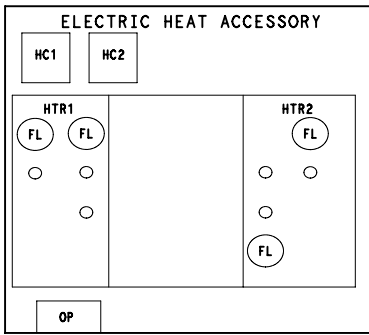
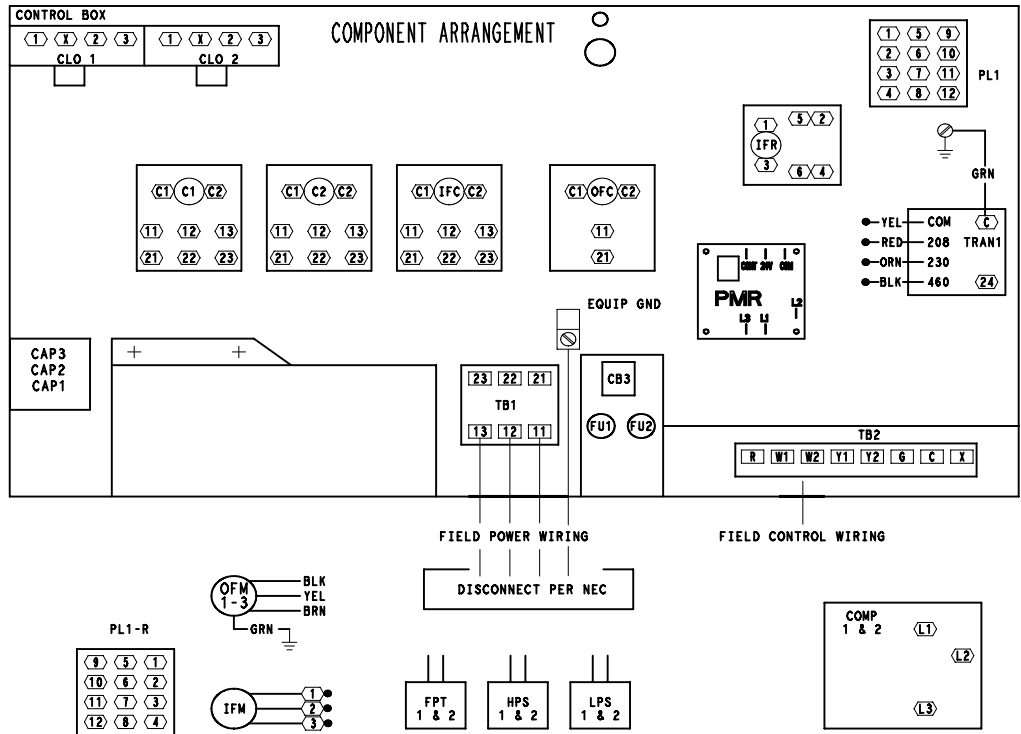
460-3-60



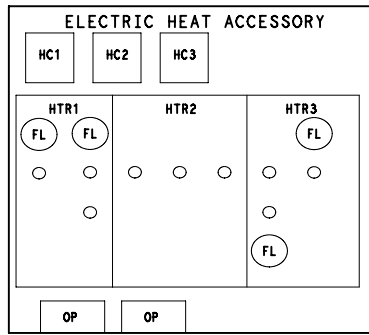
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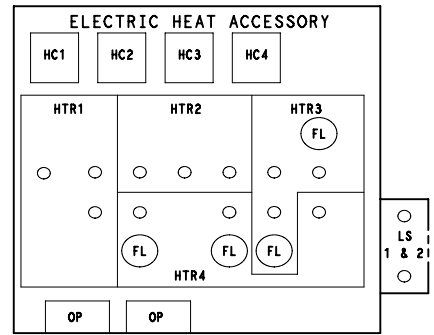
460V ICP 015 TON PAS180L000AA	PART NUMBER 50TJ500969 SHT 1 OF 2	REV 2.0
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(A)



(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.
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.

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 SOLOINOD 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	OP	OVERCURRENT PROTECTOR
EQUIP	EQUIPMENT	PL	PLUG ASSEMBLY
FL	FUSE LINK	PMR	PHASE MONITOR RELAY
FPT	FREEZE PROTECTION THERMOSTAT	PRI	PRIMARY
FU	FUSE	SR	SOLOINOD RELAY
GND	GROUND	SW	SWITCH
HC	HEATER CONTACTOR	TB	TERMINAL BLOCK
HPS	HIGH PRESSURE SWITCH	TC	THERMOSTAT COOLING
HTR	HEATER	TDR	TIME DELAY RELAY
		TH	THERMOSTAT HEATING
		TRAN	TRANSFORMER

**LEGEND**

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

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

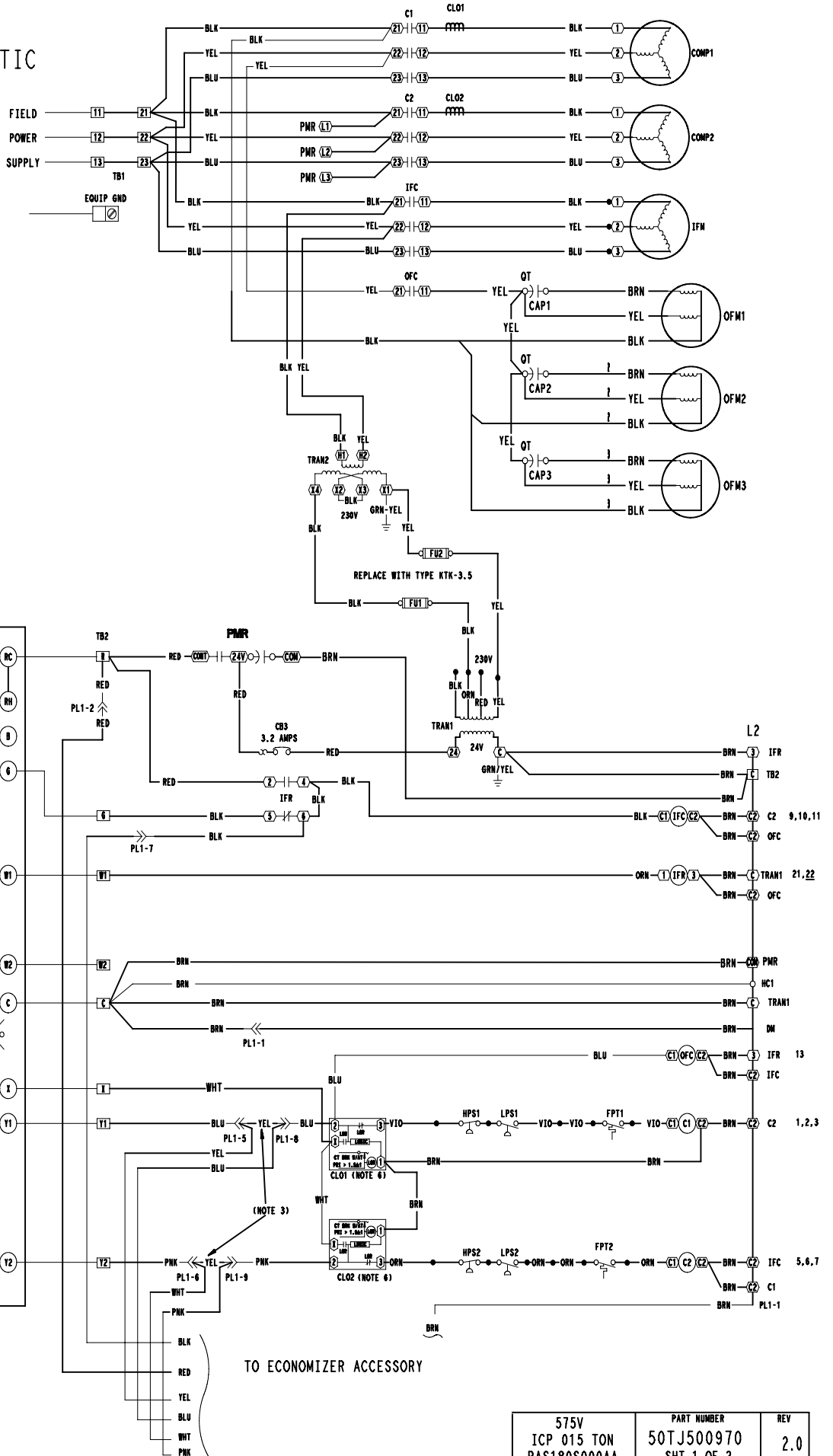
460V ICP 015 TON PAS180L000AA	PART NUMBER 50TJ500969 SHT 2 OF 2	REV 2.0
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SCHEMATIC

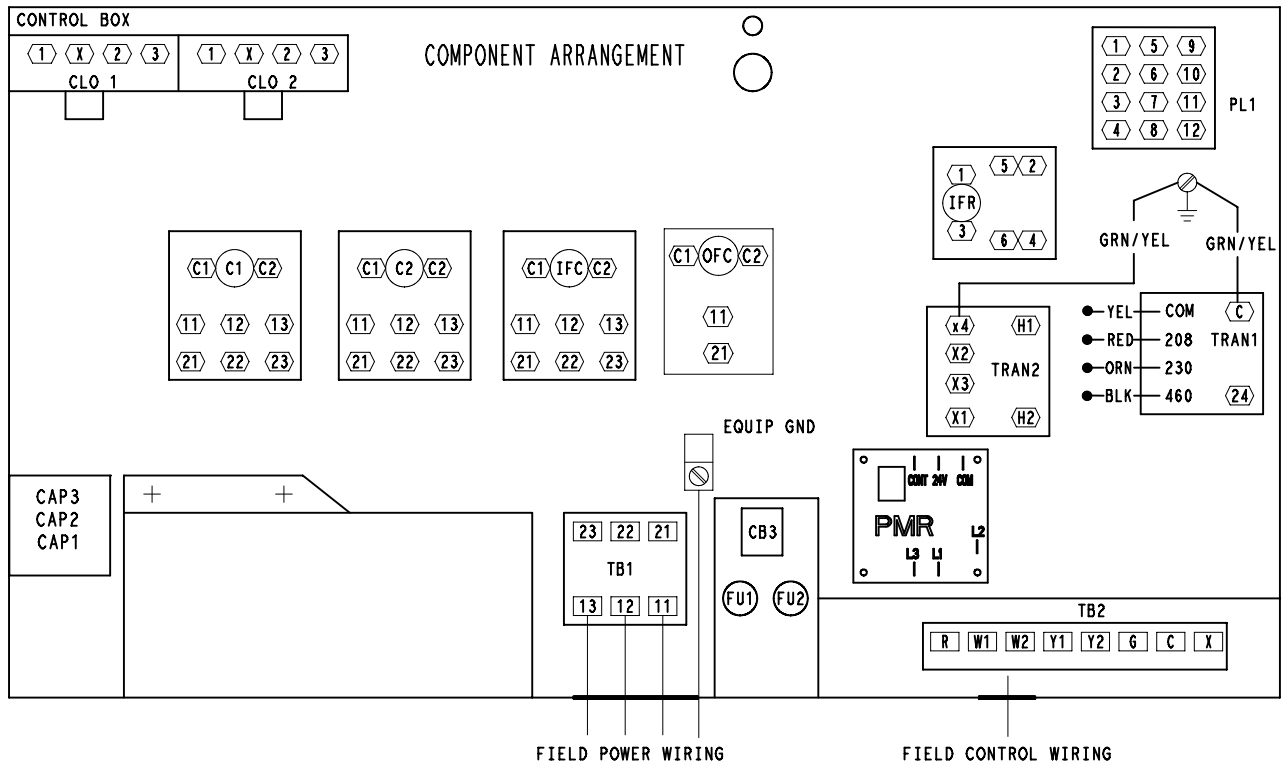
575-3-60

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575V ICP 015 TON PAS180S000AA	PART NUMBER 50TJ500970 SHT 1 OF 2	REV 2.0
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**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.
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

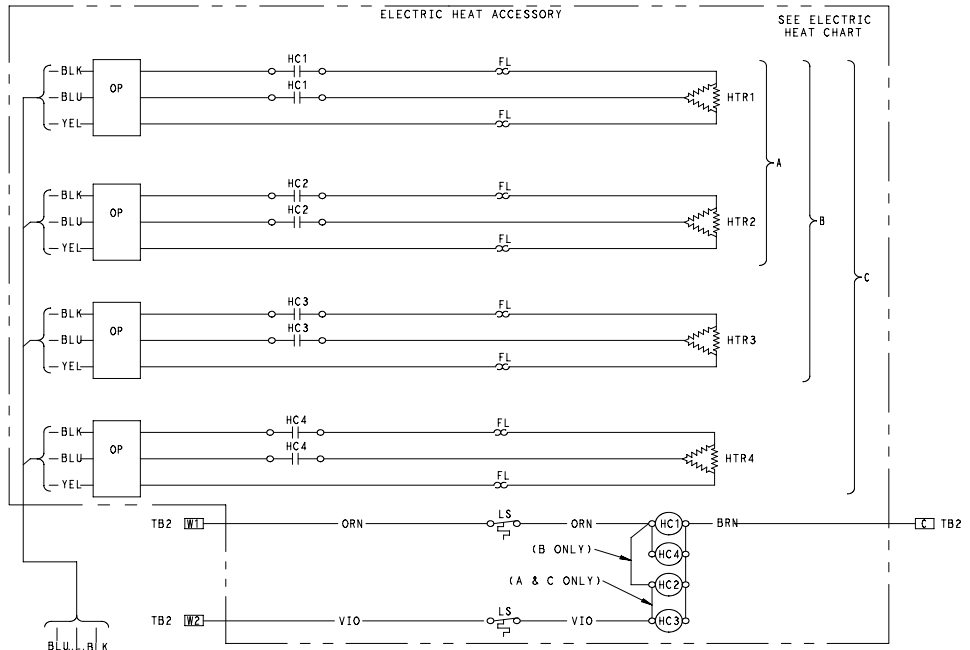
- FACTORY WIRING
- FIELD WIRING
- OPTION/ACCESSORY WIRING
- TO INDICATE COMMON POTENTIAL ONLY: NOT TO REPRESENT WIRING

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 SOLONOID 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	PMR	PHASE MONITOR RELAY
FPT	FREEZE PROTECTION THERMOSTAT	PRI	PRIMARY
FU	FUSE	SR	SOLONOID RELAY
GND	GROUND	SW	SWITCH
HPS	HIGH PRESSURE SWITCH	TB	TERMINAL BLOCK
		TC	THERMOSTAT COOLING
		TDR	TIME DELAY RELAY
		TH	THERMOSTAT HEATING
		TRAN	TRANSFORMER

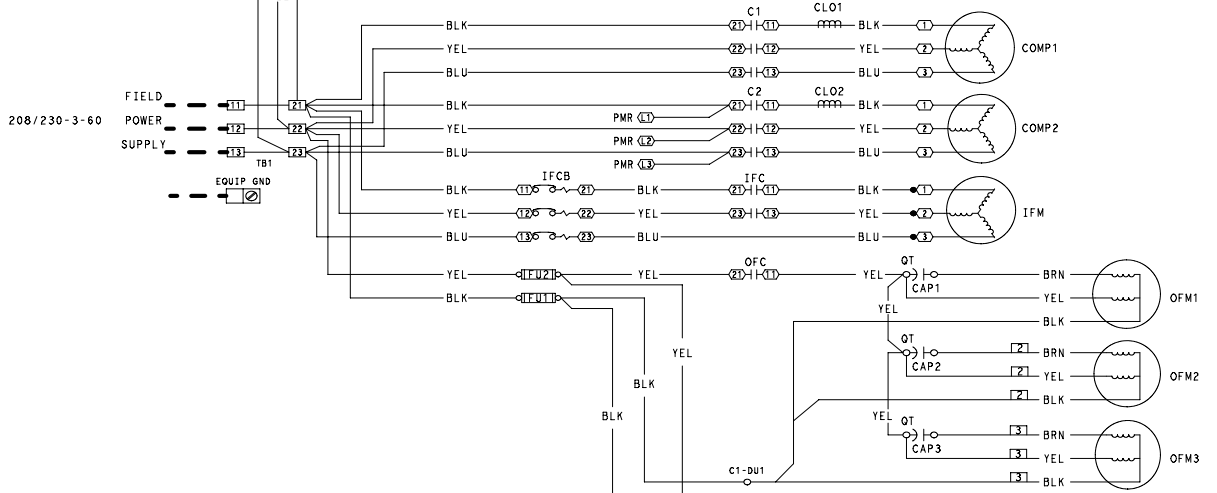
575V	PART NUMBER	REV
ICP 015 TON	50TJ500970	2.0
PAS180S000AA	SHT 2 OF 2	

SCHEMATIC

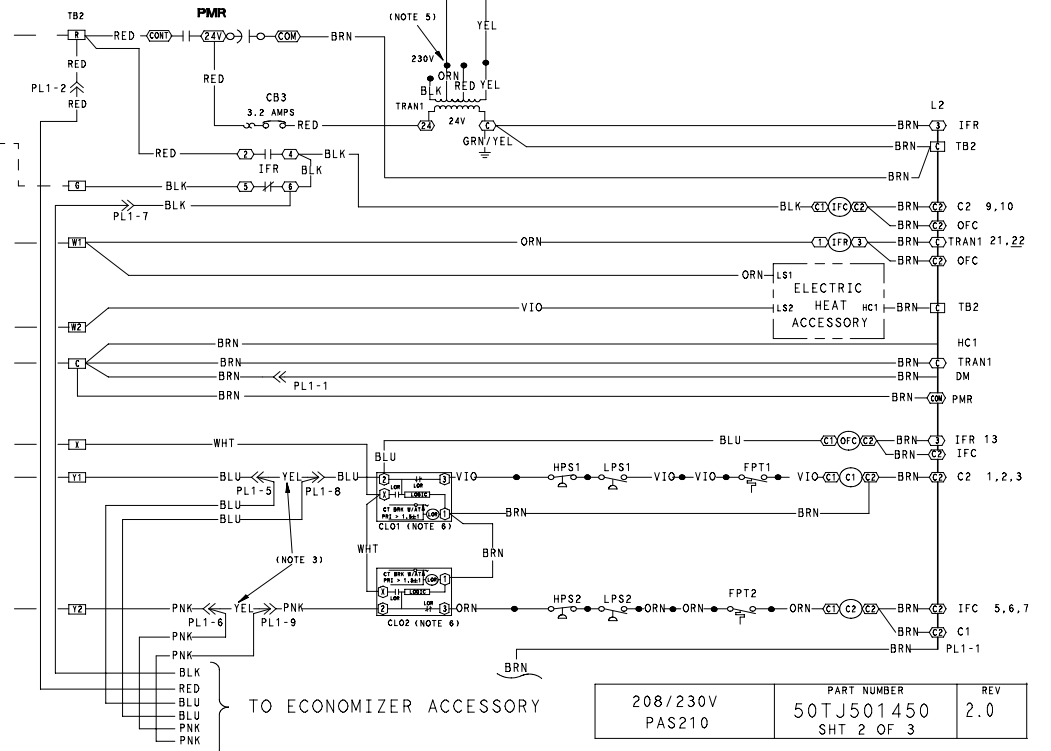
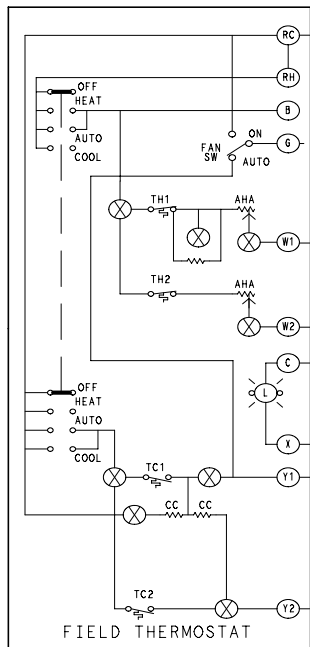
ELECTRIC HEAT		
	208/240V AMPS	200/230V KW
A	71.3/82.3	25.7/34.2
B	117/135	42.2/56.1
C	156/180	56.2/74.8



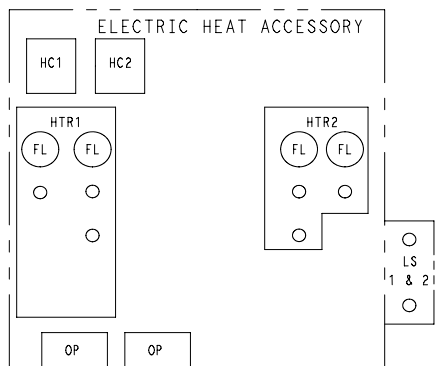
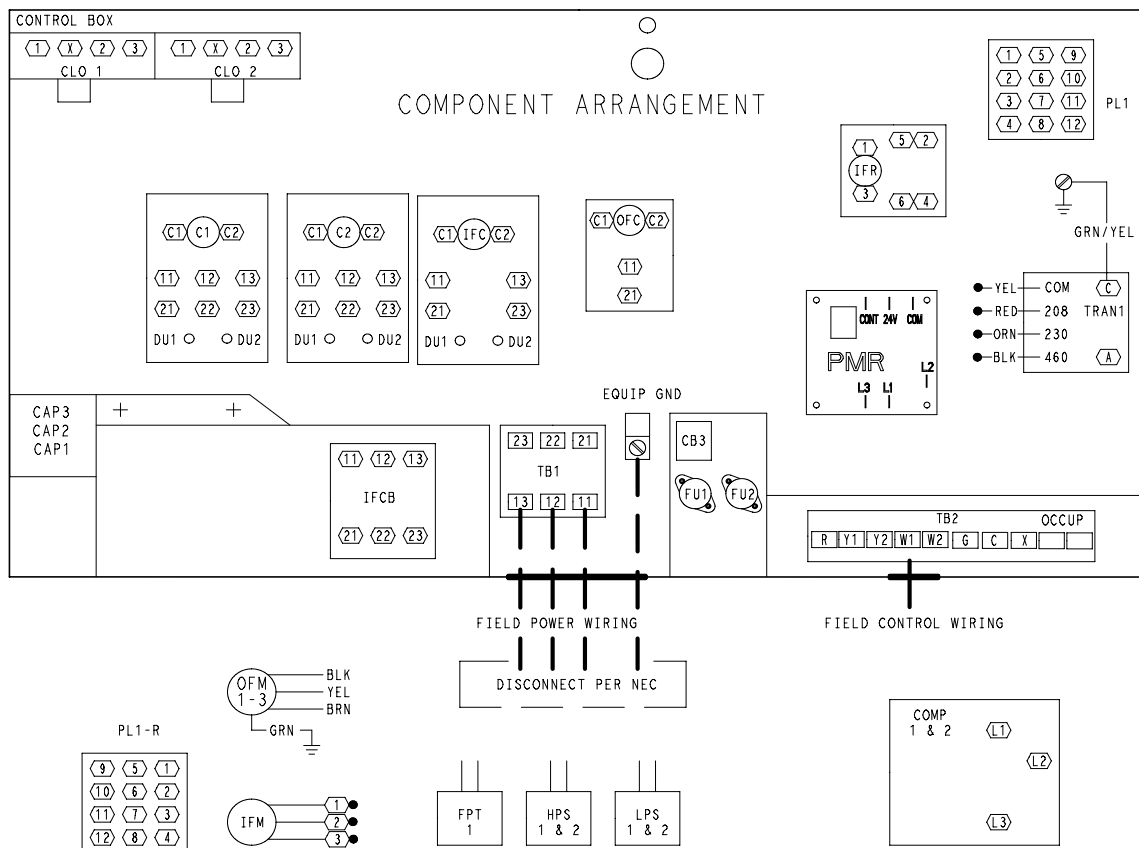
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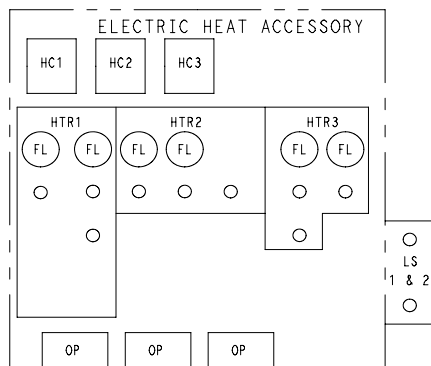
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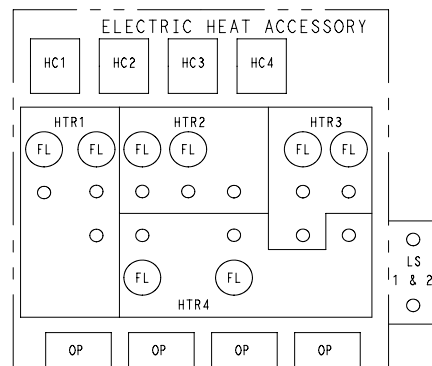
208/230V PAS210	PART NUMBER 50TJ501450 SHT 2 OF 3	REV 2.0
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(A)



(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 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

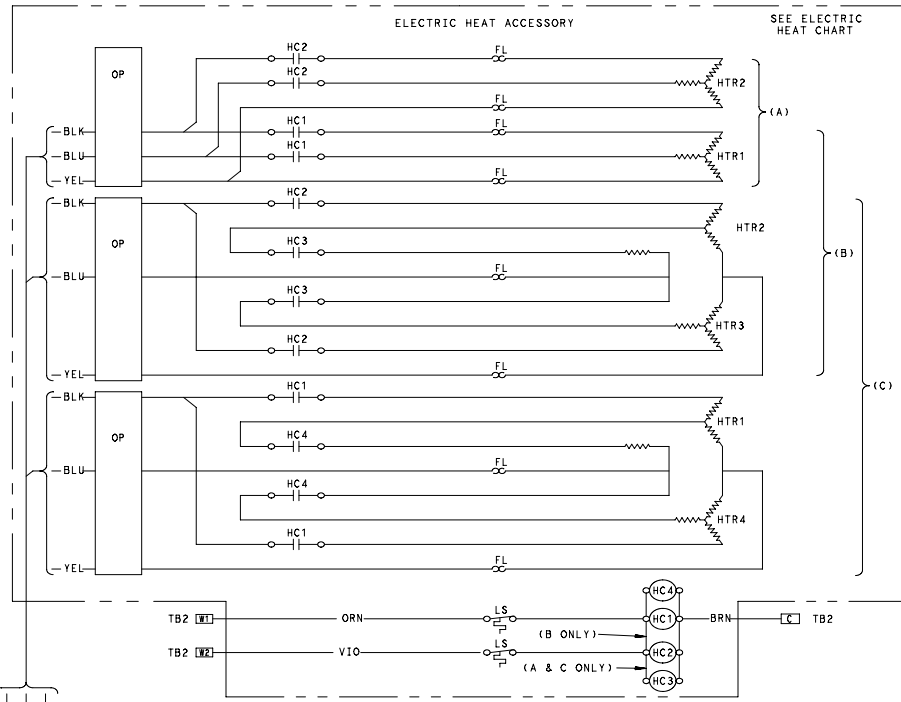
- FACTORY WIRING
- FIELD WIRING
- TO INDICATE COMMON POTENTIAL ONLY:
- NOT TO REPRESENT WIRING
- OPTION/ACCESSORY WIRING

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	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

208/230V PAS210	PART NUMBER 50TJ501450 SHT 3 OF 3	REV 2.0
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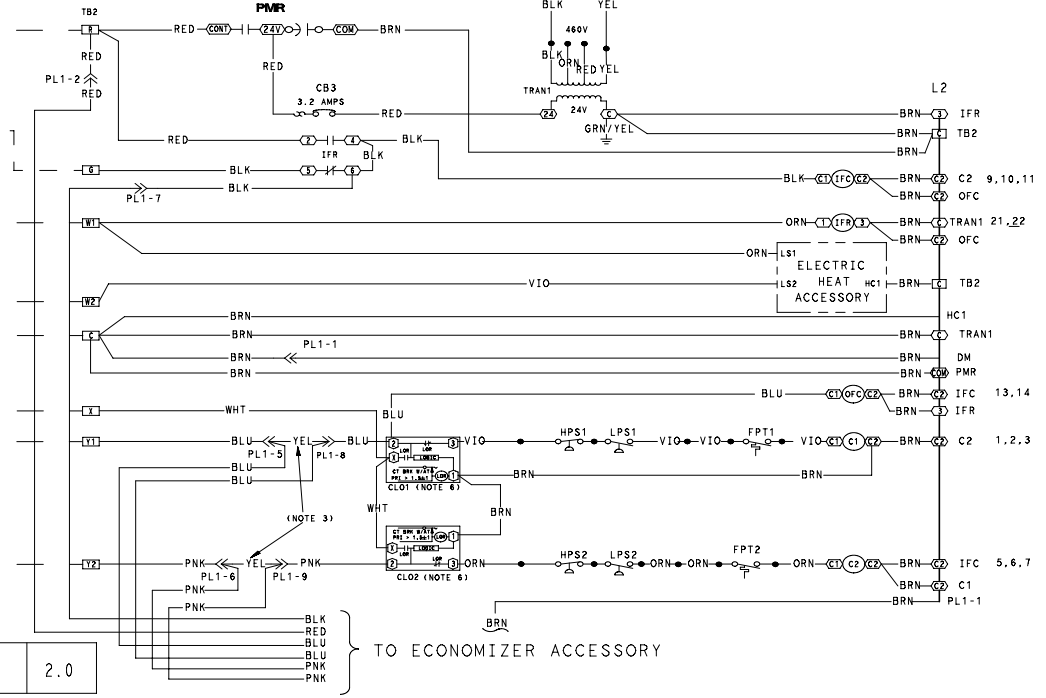
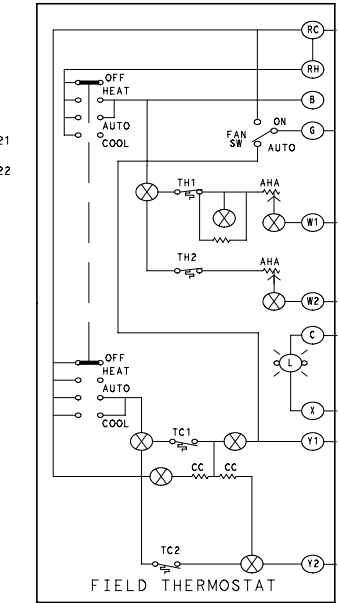
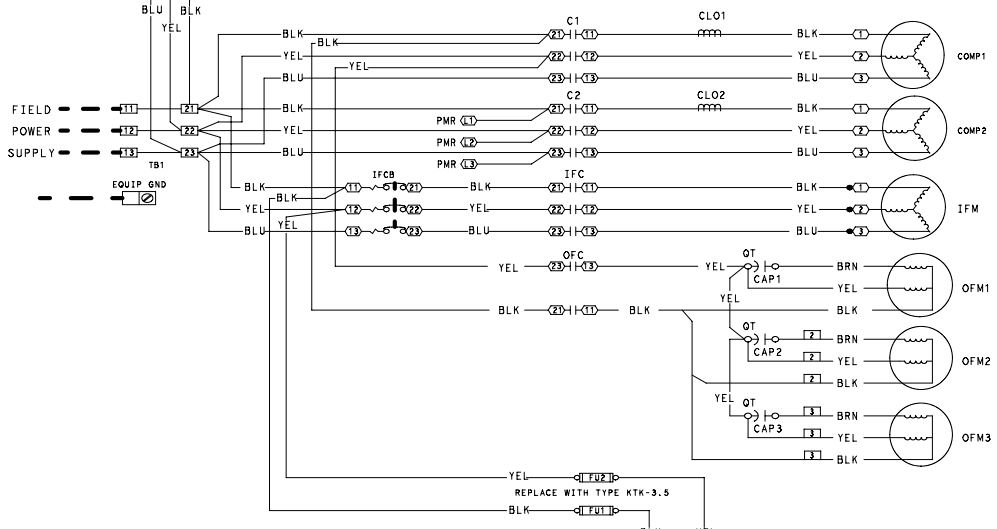
SCHEMATIC

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



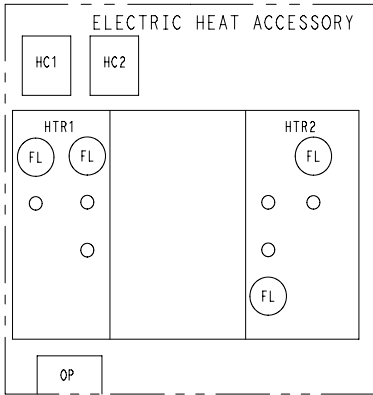
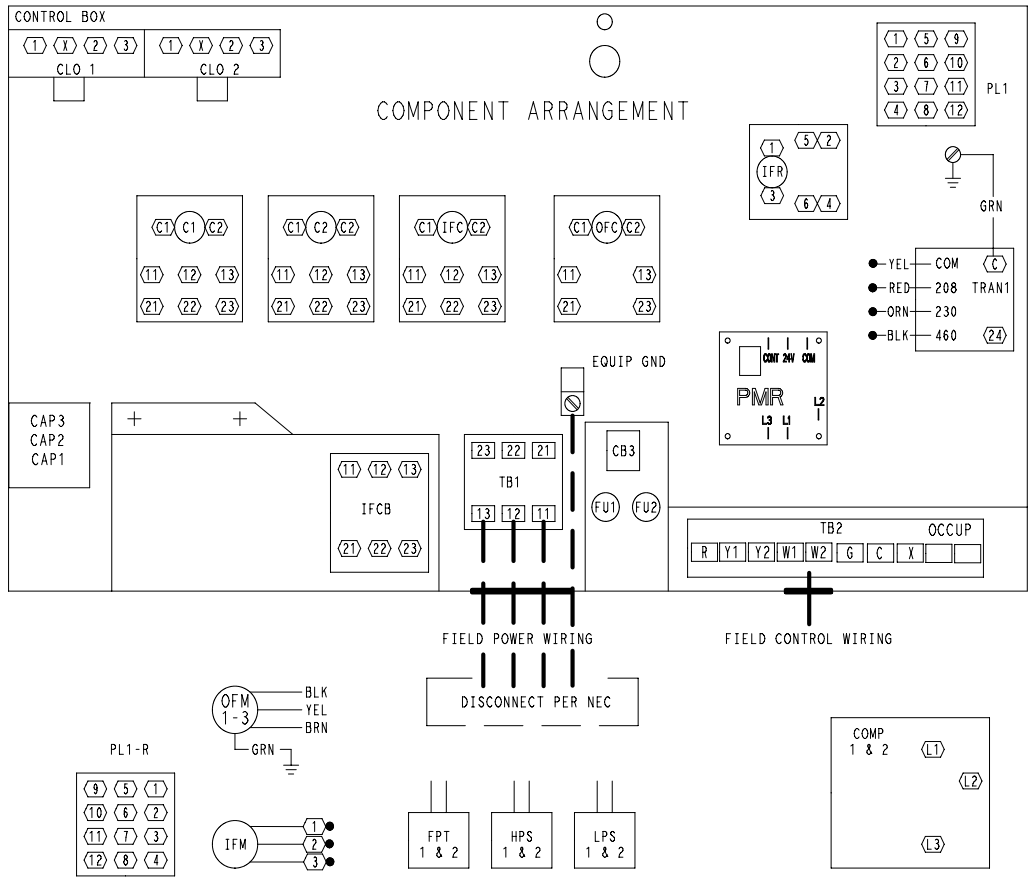
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460-3-60

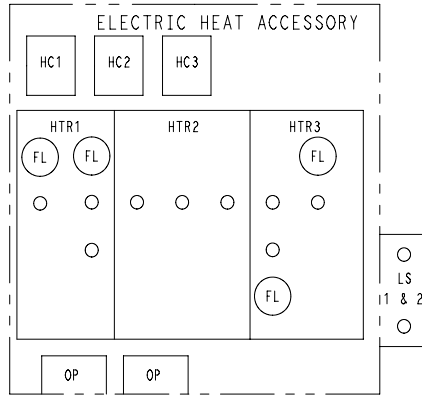


460V PAS210	PART NUMBER 50TJ501451 SHT 2 OF 3	2.0
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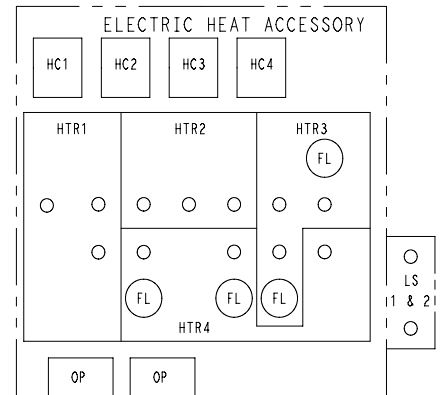
TO ECONOMIZER ACCESSORY



(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 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. THE CLO LOCKS OUT THE COMPRESSOR TO PREVENT SHORT CYCLING ON COMPRESSOR OVERLOAD AND SAFETY DEVICES; BEFORE REPLACING CLO, CHECK THESE DEVICES.
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.

**LEGEND**

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

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

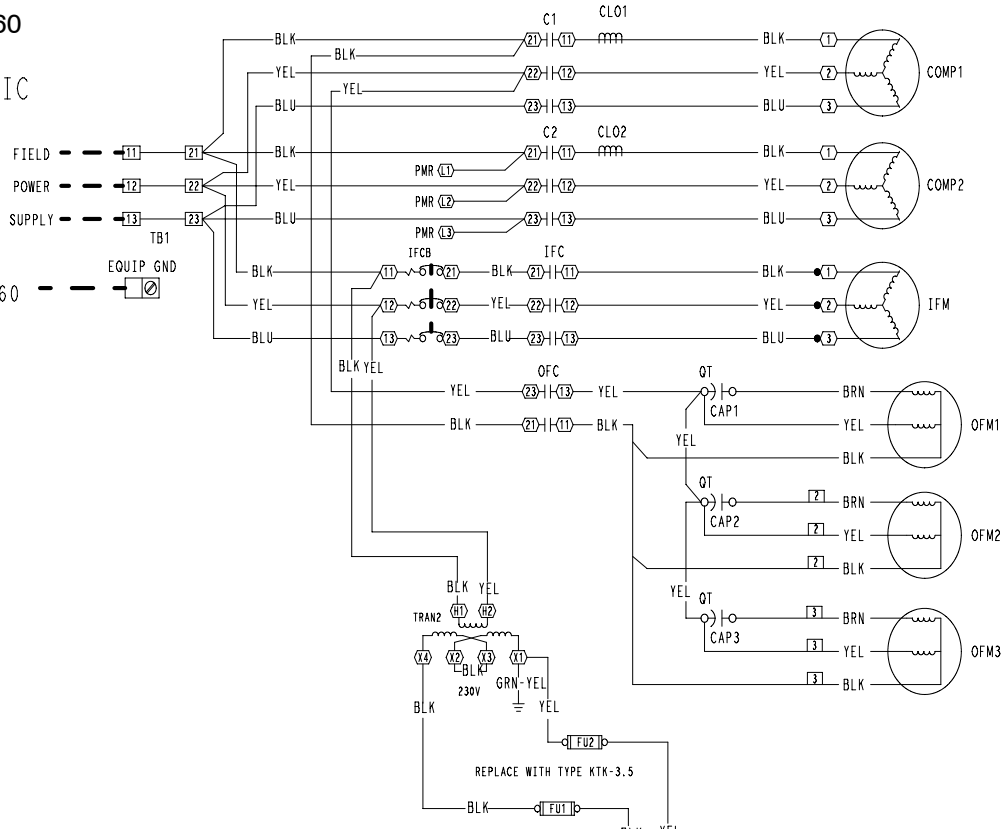
AHA	ADJUSTABLE HEAT ANTICIPATOR	IFCB	INDOOR FAN CIRCUIT BREAKER
BRK W/AT	BREAKS WITH AMP TURNS	IFM	INDOOR FAN MOTOR
C	CONTACTOR, COMPRESSOR	IFR	INDOOR FAN RELAY
CB	CIRCUIT BREAKER	IP	INTERNAL PROTECTOR
CC	COOLING COMPENSATOR	L	LIGHT
CH	CRANKCASE HEATER	LLSV	LIQUID LINE SOLENOID
CLO	COMPRESSOR LOCKOUT	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	FREZE 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

460V PAS210	PART NUMBER	REV
	50TJ501451 SHT 3 of 3	2.0

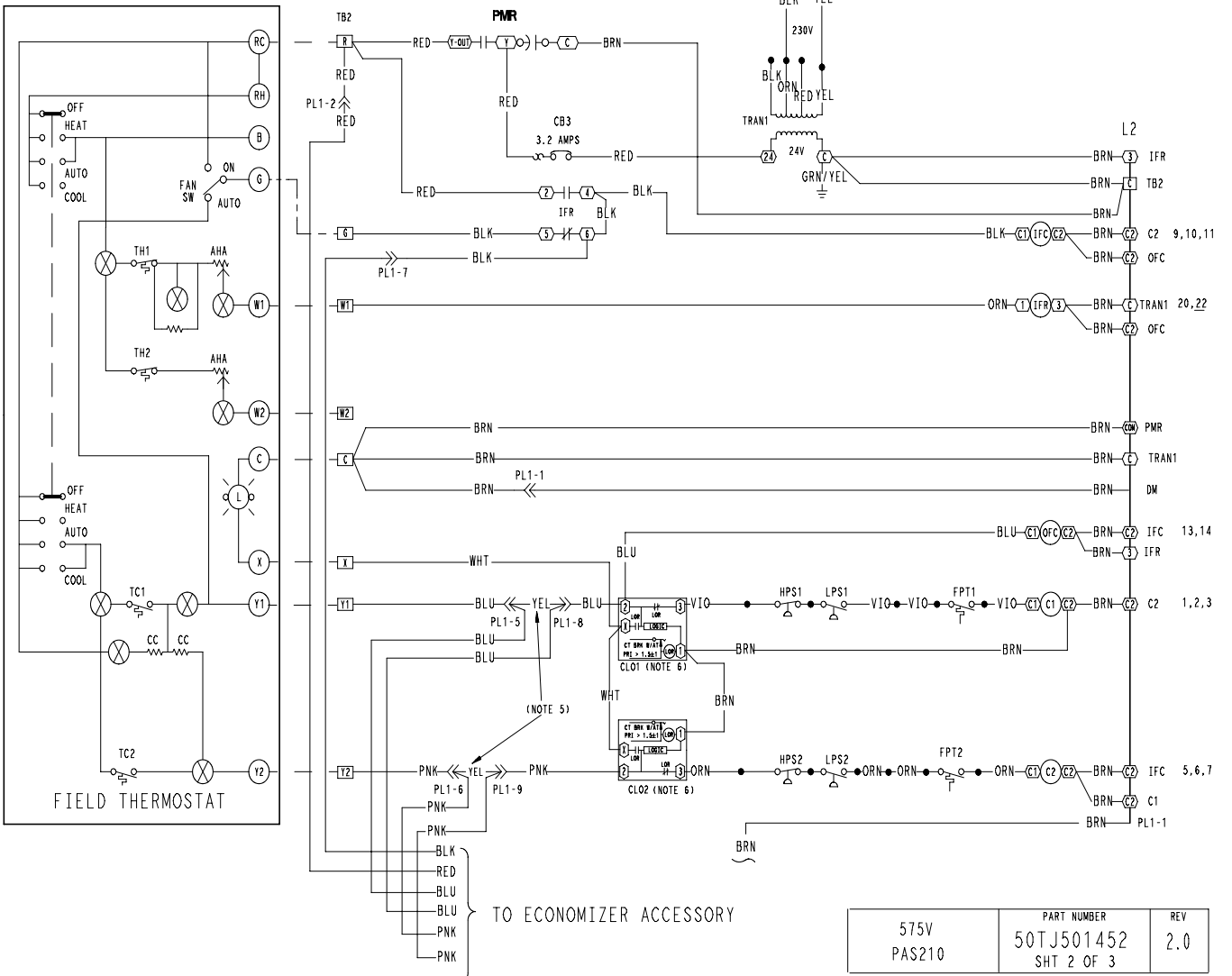
PAS210 575 - 3 - 60

SCHEMATIC

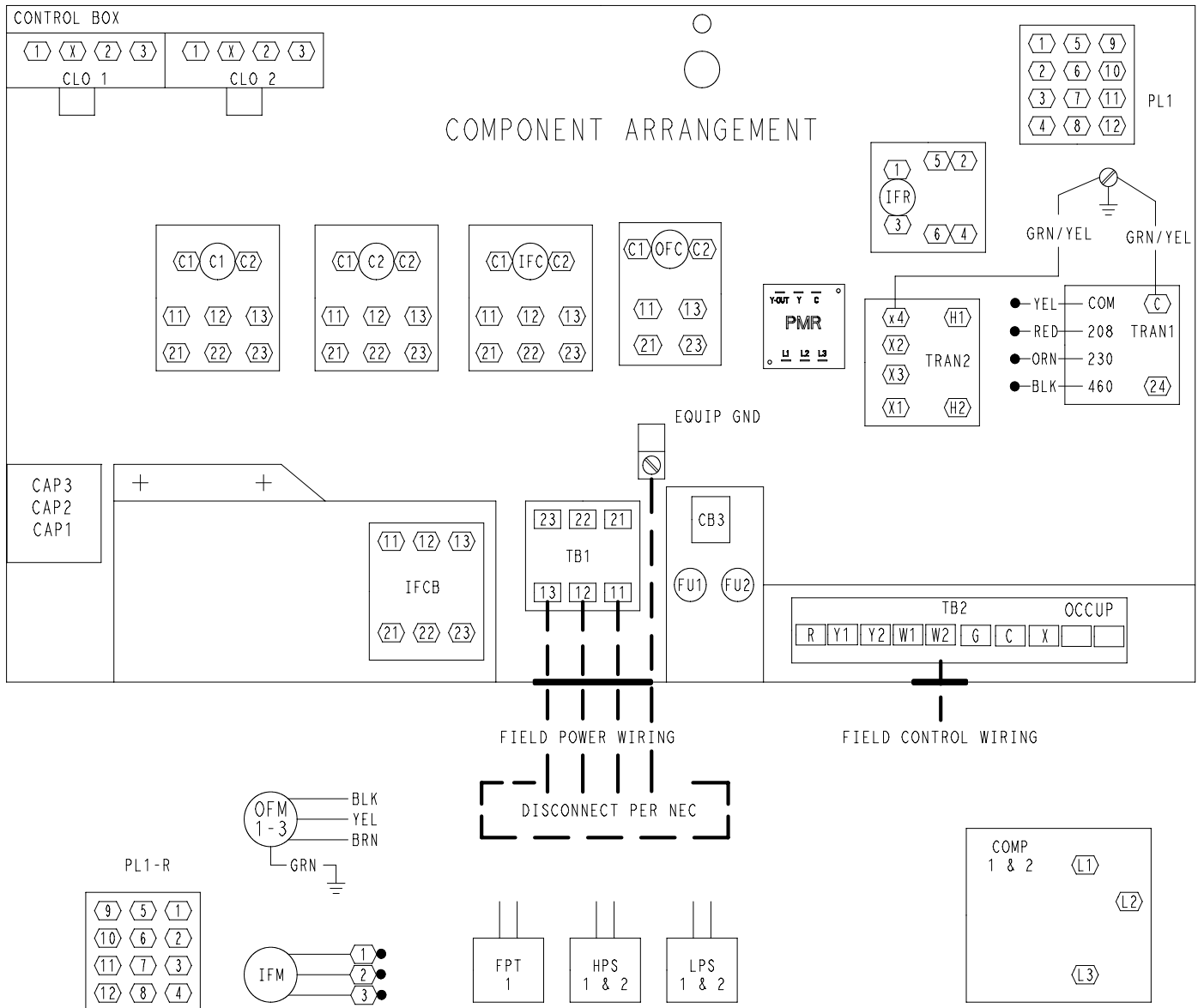
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575V PAS210	PART NUMBER 50TJ501452 SHT 2 OF 3	REV 2.0
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NOTES

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. THE CLO LOCKS OUT THE COMPRESSOR TO PREVENT SHORT CYCLING ON COMPRESSOR OVERLOAD AND SAFETY DEVICES; BEFORE REPLACING CLO, CHECK THESE DEVICES.
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.

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	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

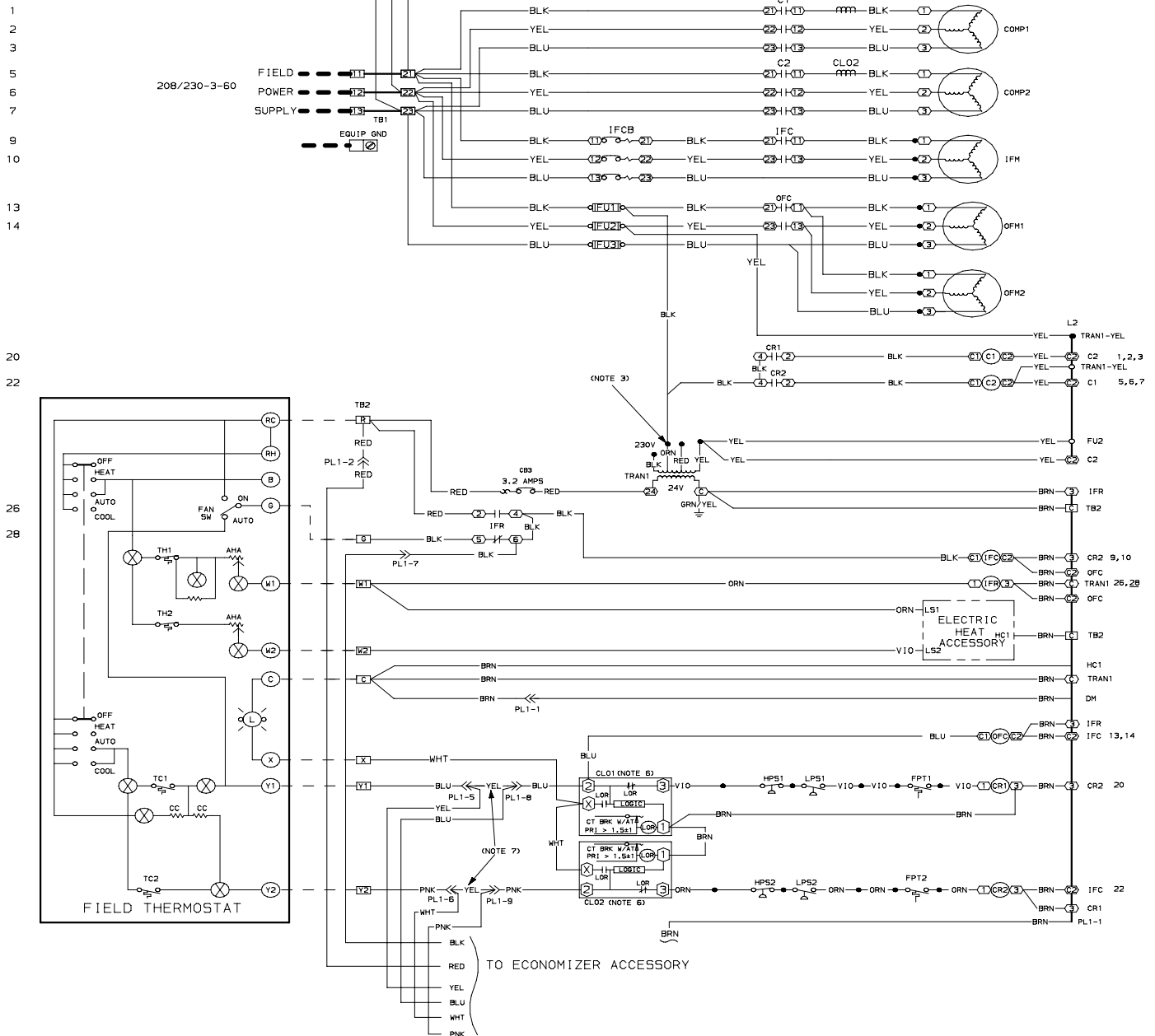
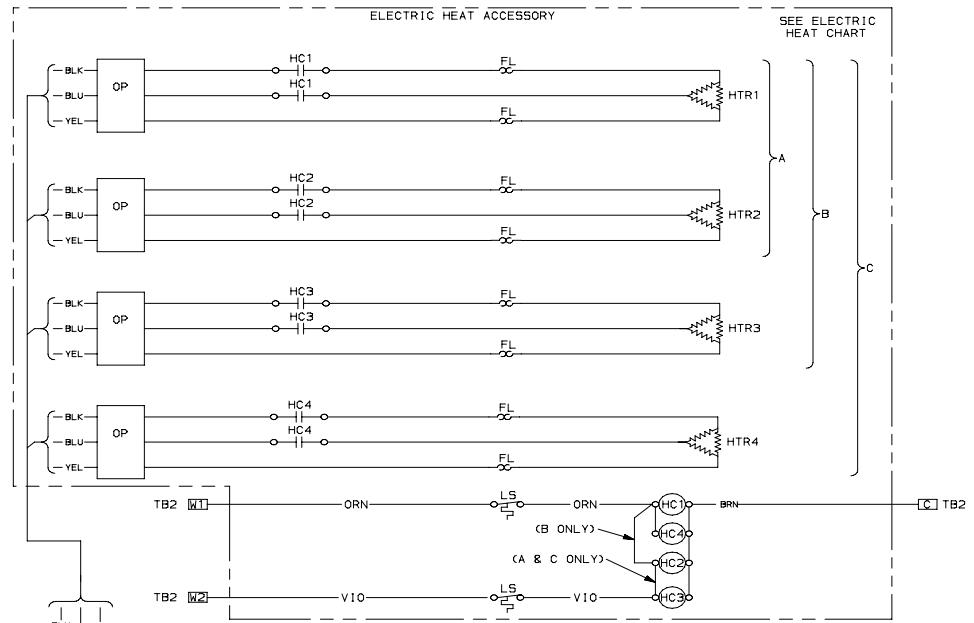
575V PAS210	PART NUMBER 50TJ501452 SHT 3 OF 3	REV 2.0
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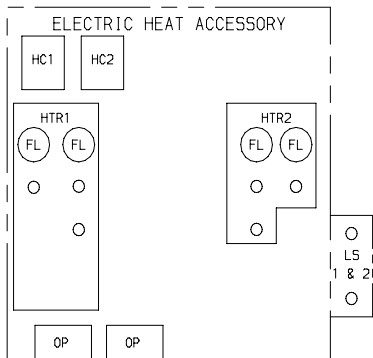
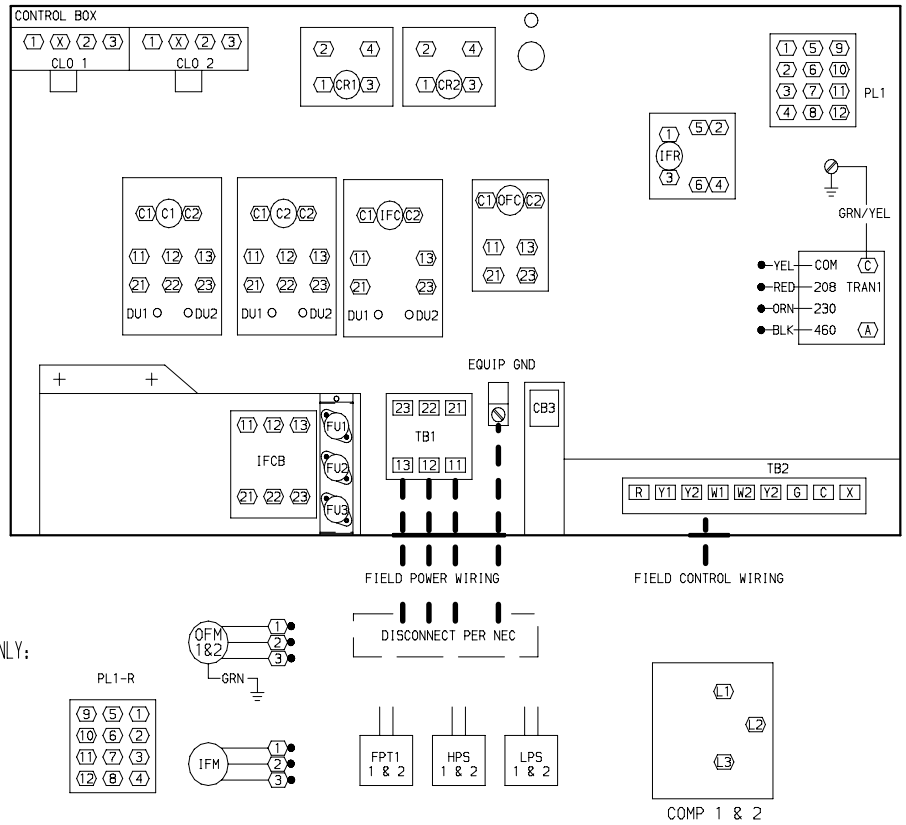
PAS240 208/230 - 3 - 60

SCHEMATIC

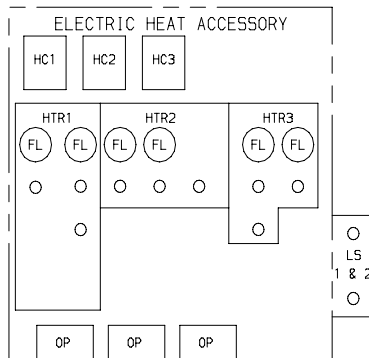
ELECTRIC HEAT		
	208/240V AMPS	200/230V KW
A	71.3/82.3	25.7/34.2
B	117/135	42.2/56.1
C	156/180	56.2/74.8



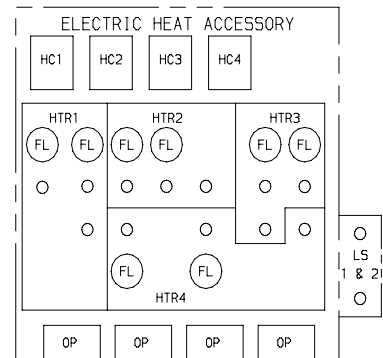
COMPONENT ARRANGEMENT



(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. TRAN1 IS WIRED FOR 230V (60HZ) 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.

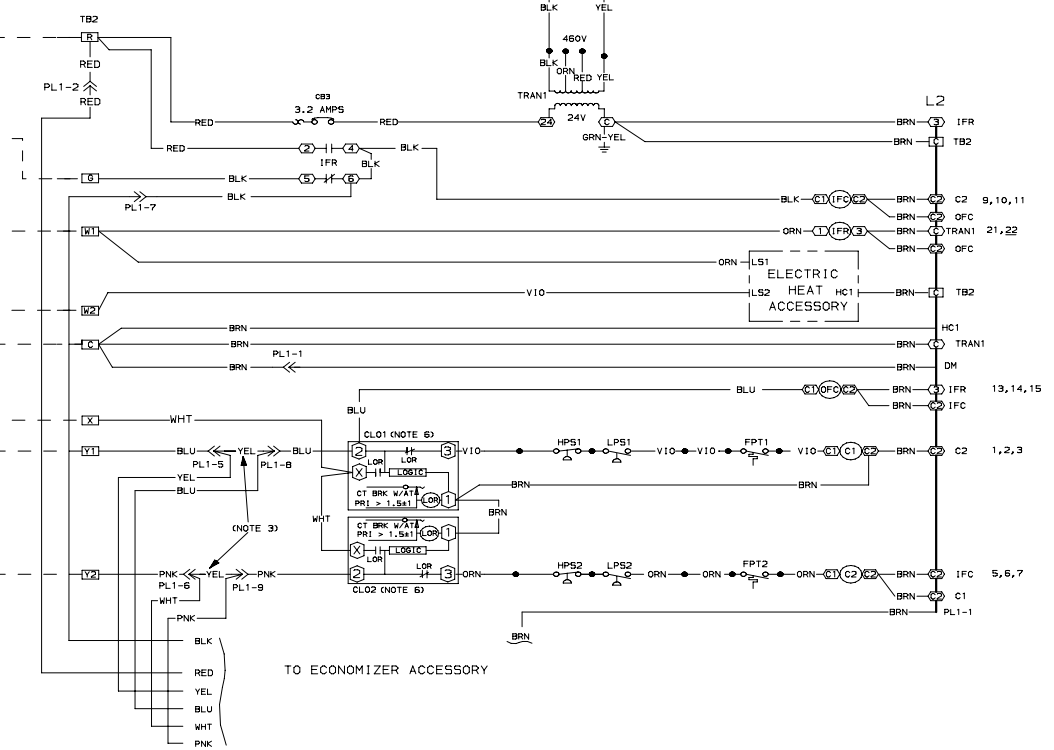
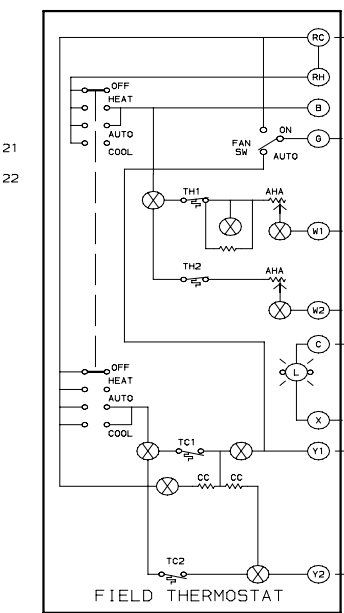
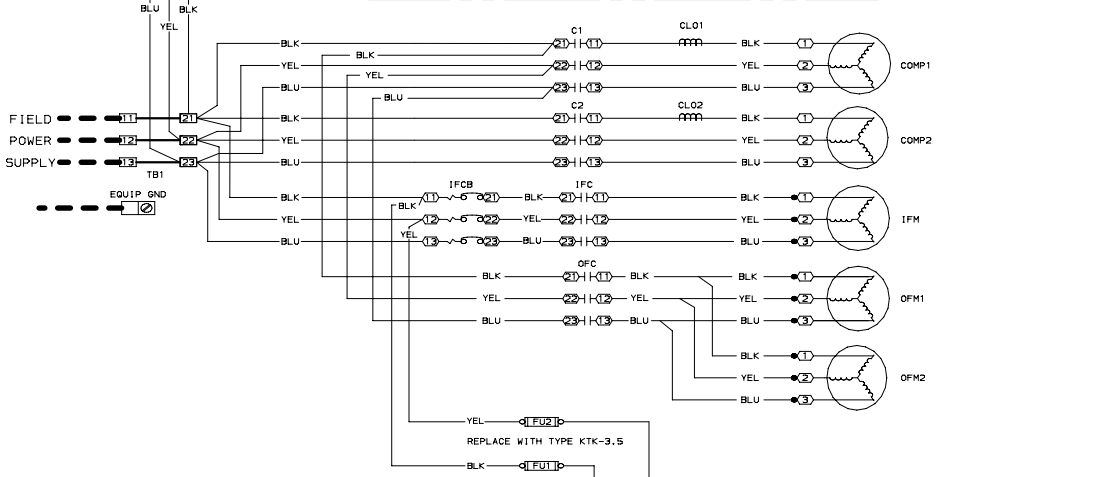
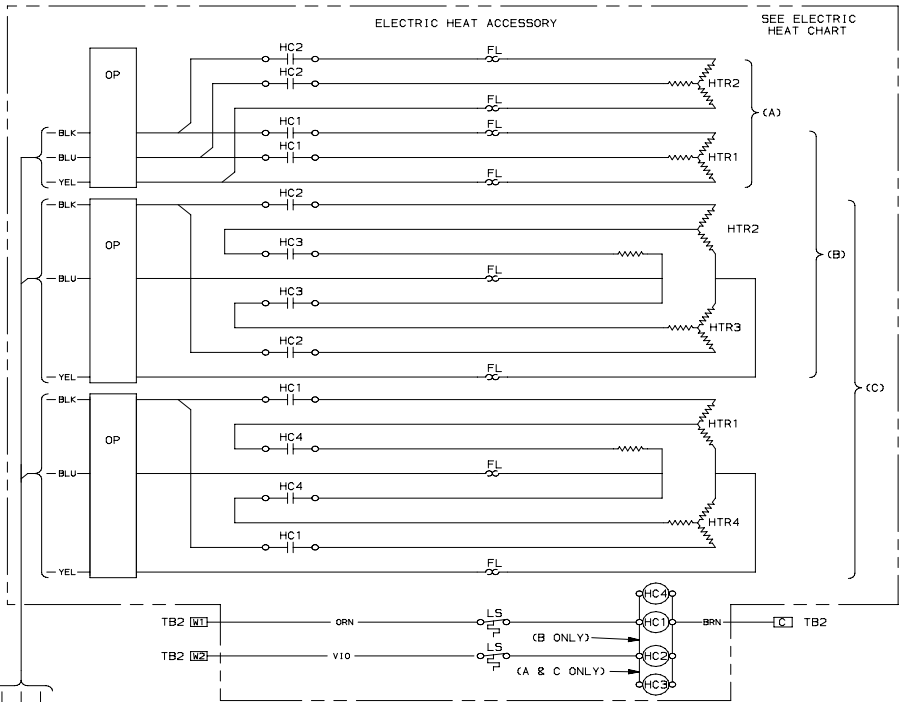
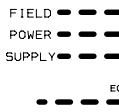
AHA	ADJUSTABLE HEAT ANTICIPATOR	IFC	INDOOR FAN CONTACTOR
BRK	BREAKS WITH AMP TURNS	IFCB	INDOOR FAN CIRCUIT BREAKER
C	CONTACTOR, COMPRESSOR	IFM	INDOOR FAN MOTOR
CB	CIRCUIT BREAKER	IFR	INDOOR FAN RELAY
CC	COOLING COMPENSATOR	IP	INTERNAL PROTECTOR
CH	CRANKCASE HEATER	L	LIGHT
CLO	COMPRESSOR LOCKOUT	LLSV	LIQUID LINE SOLONOID
CLS	COOLING LOCKOUT SWITCH	LPS	LOW PRESSURE SWITCH
COMP	COMPRESSOR MOTOR	LS	LIMIT SWITCH
CPM	COMPRESSOR PROTECTION MODULE	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
		TRAN	TRANSFORMER

PAS240 460 - 3 - 60  
SCHEMATIC

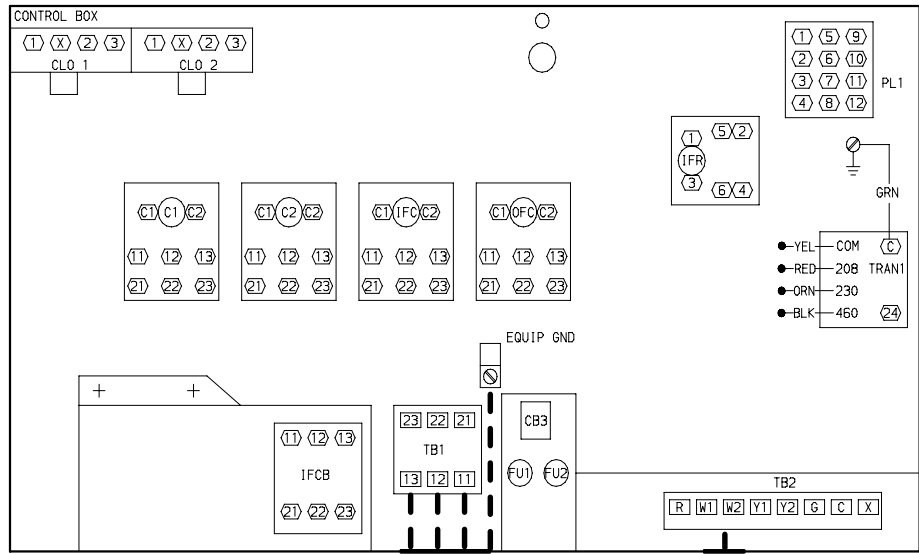
ELECTRIC HEAT		
	480V AMPS	480V KW
A	39	32.4
B	66.1	55
C	96	79.8

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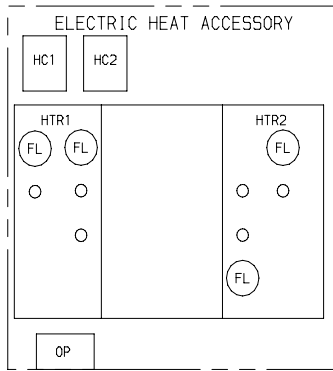
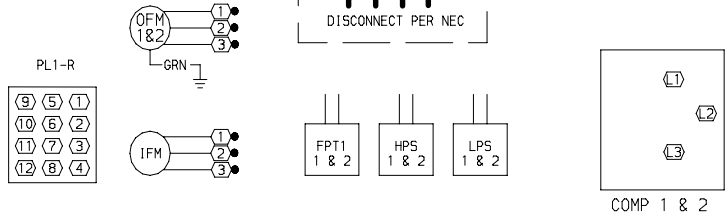
COMPONENT ARRANGEMENT



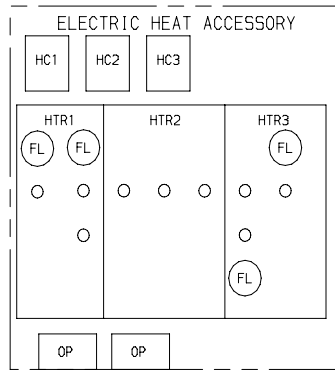
\_\_\_\_\_ FACTORY WIRING  
 - - - - - FIELD WIRING  
 \_\_\_\_\_ TO INDICATE COMMON POTENTIAL ONLY:  
 NOT TO REPRESENT WIRING  
 - - - - - OPTION/ACCESSORY WIRING

LEGEND

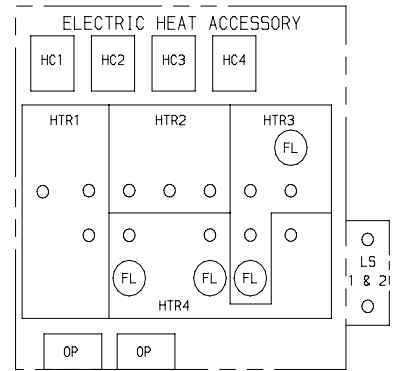
- TERMINAL (MARKED)
- TERMINAL (UNMARKED)
- TERMINAL BLOCK
- SPLICE



(A)



(B)



(C)

NOTES

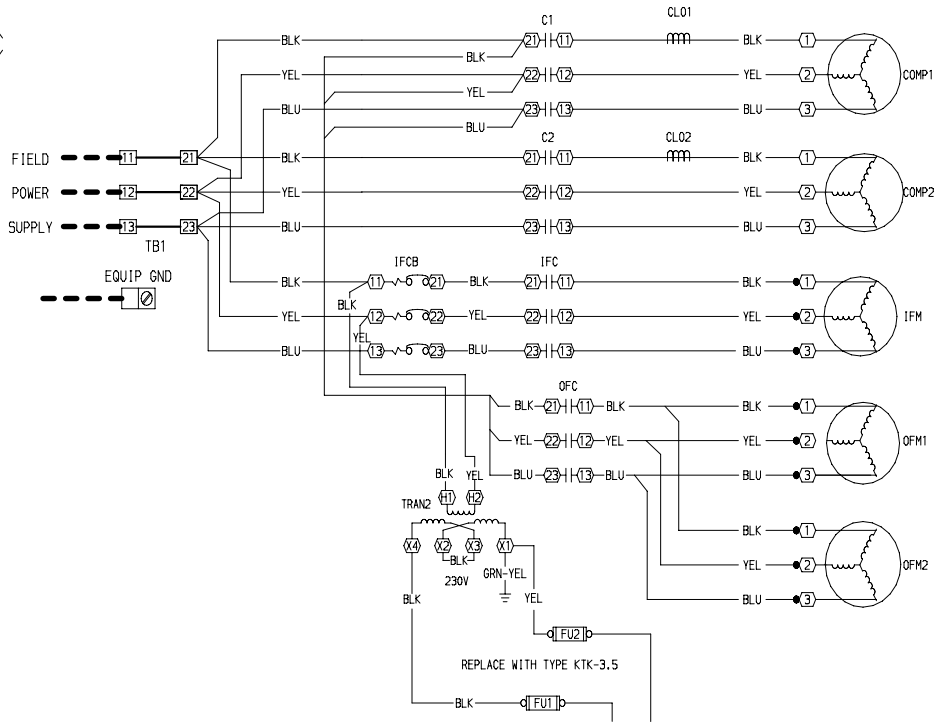
1. COMPRESSOR AND/OR FAN MOTOR(S) THERMALLY PROTECTED----- THREE PHASE MOTORS PROTECTED AGAINST PRIMARY SINGLE PHASING CONDITIONS.
2. IF ANY OF THE ORIGINAL WIRE FURNISHED MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE 90°C WIRE OR ITS EQUIVALENT.
3. JUMPERS ARE OMITTED WHEN UNIT IS EQUIPPED WITH ECONOMIZER.
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.

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
CB	CIRCUIT BREAKER	IFR	INDOOR FAN RELAY
CC	COOLING COMPENSATOR	IP	INTERNAL PROTECTOR
CH	CRANKCASE HEATER	L	LIGHT
CLO	COMPRESSOR LOCKOUT	LLSV	LIQUID LINE SOLENOID
CLS	COOLING LOCKOUT SWITCH	LPS	LOW PRESSURE SWITCH
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DM	DAMPER MOTOR	OFM	OUTDOOR FAN MOTOR
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GND	GROUND	TB	TERMINAL BLOCK
HC	HEATER CONTACTOR	TC	THERMOSTAT COOLING
HPS	HIGH PRESSURE SWITCH	TDR	TIME DELAY RELAY
HTR	HEATER	TH	THERMOSTAT HEATING
		TRAN	TRANSFORMER

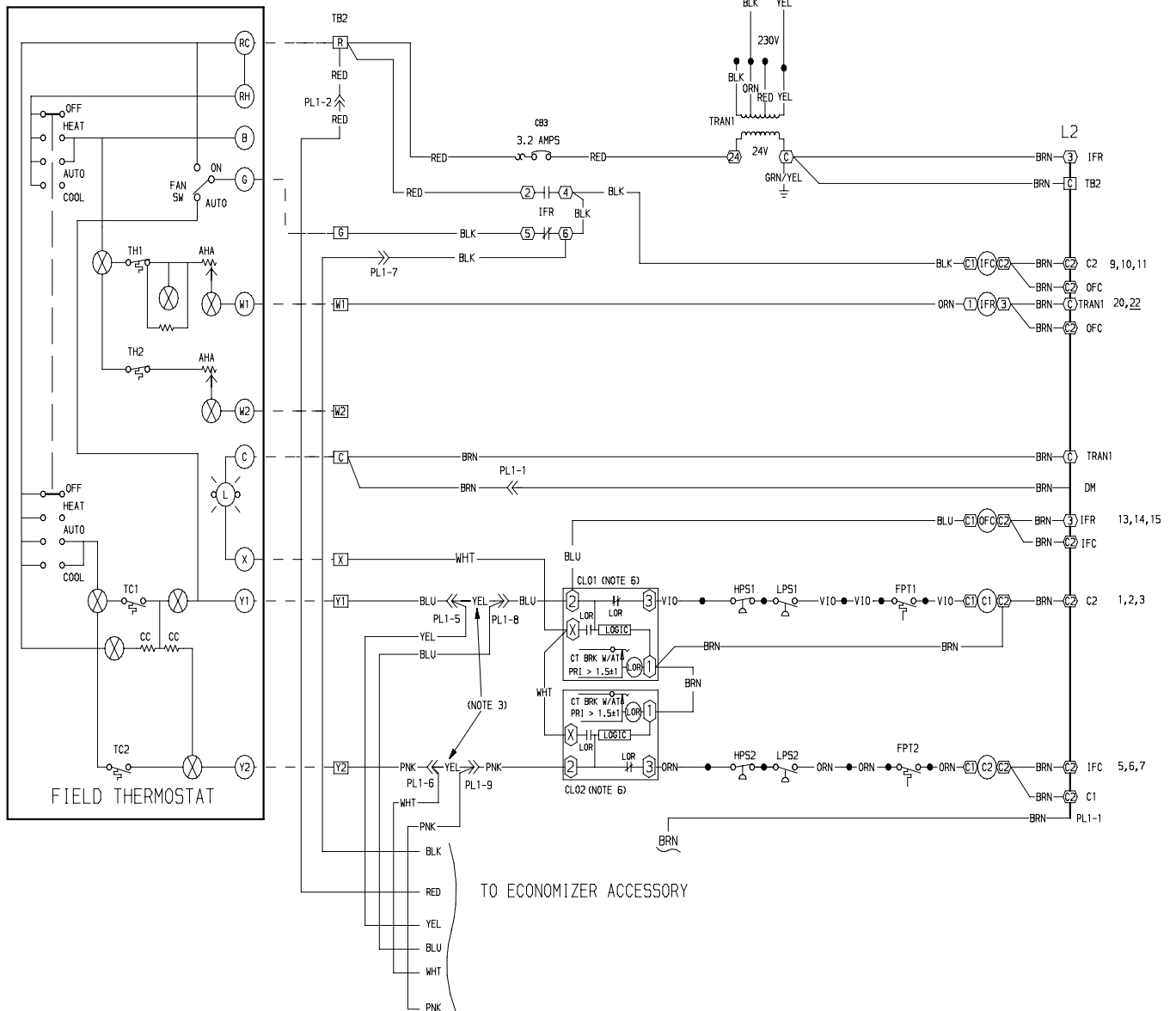
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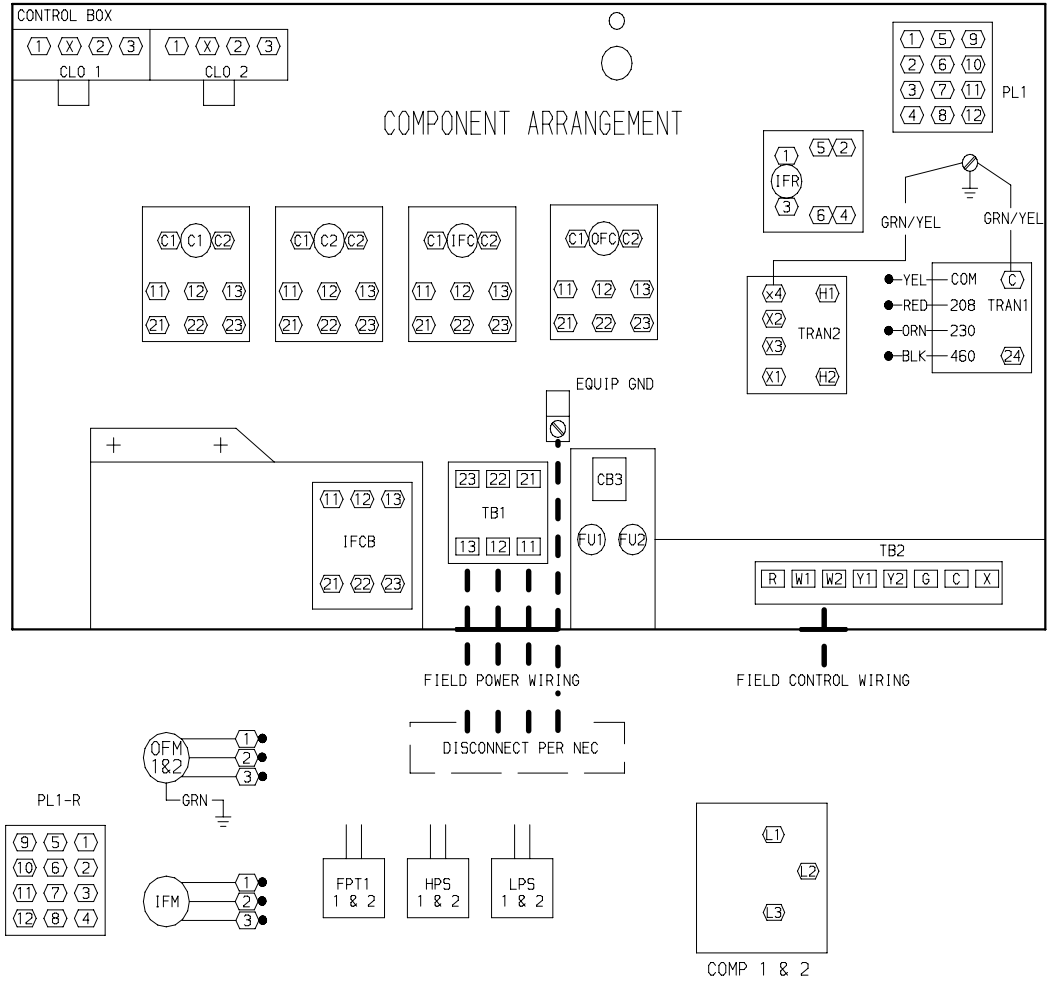
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NOTES

- COMPRESSOR AND/OR FAN MOTOR(S) THERMALLY PROTECTED----- THREE PHASE MOTORS PROTECTED AGAINST PRIMARY SINGLE PHASING CONDITIONS.
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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
CB	CIRCUIT BREAKER	IFR	INDOOR FAN RELAY
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CH	CRANKCASE HEATER	L	LIGHT
CLO	COMPRESSOR LOCKOUT	LLSV	LIQUID LINE SOLONOID
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EQUIP	EQUIPMENT	PRI	PRIMARY
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FPT	FREEZE PROTECTION THERMOSTAT	SW	SWITCH
FU	FUSE	TB	TERMINAL BLOCK
GND	GROUND	TC	THERMOSTAT COOLING
HPS	HIGH PRESSURE SWITCH	TDR	TIME DELAY RELAY
		TH	THERMOSTAT HEATING
		TRAN	TRANSFORMER

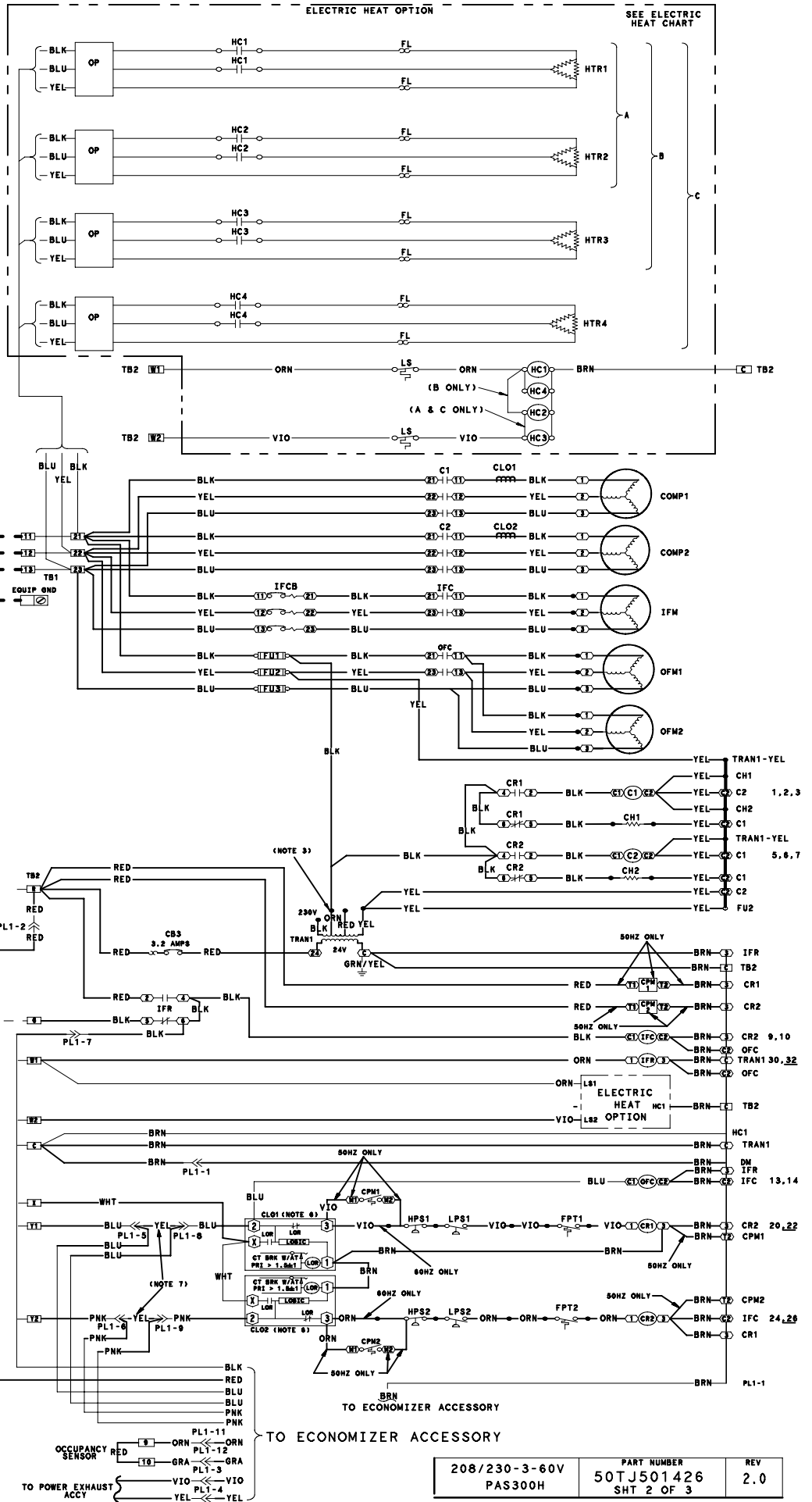
LEGEND

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

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

SCHEMATIC

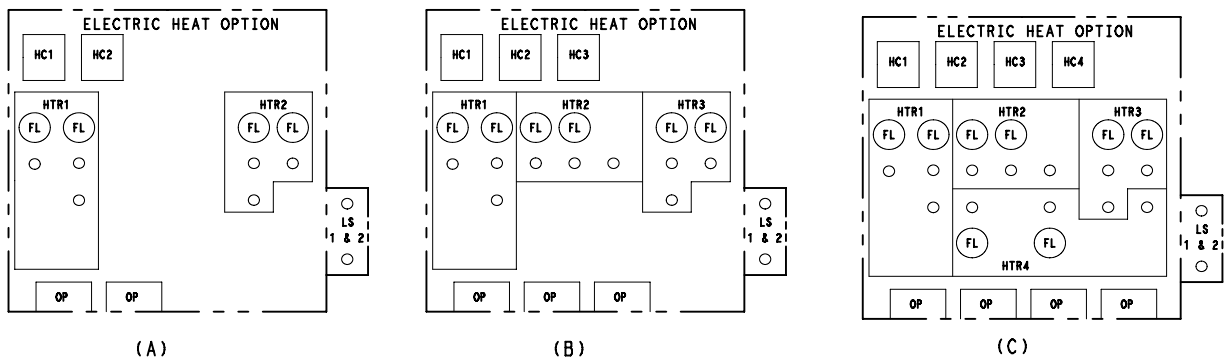
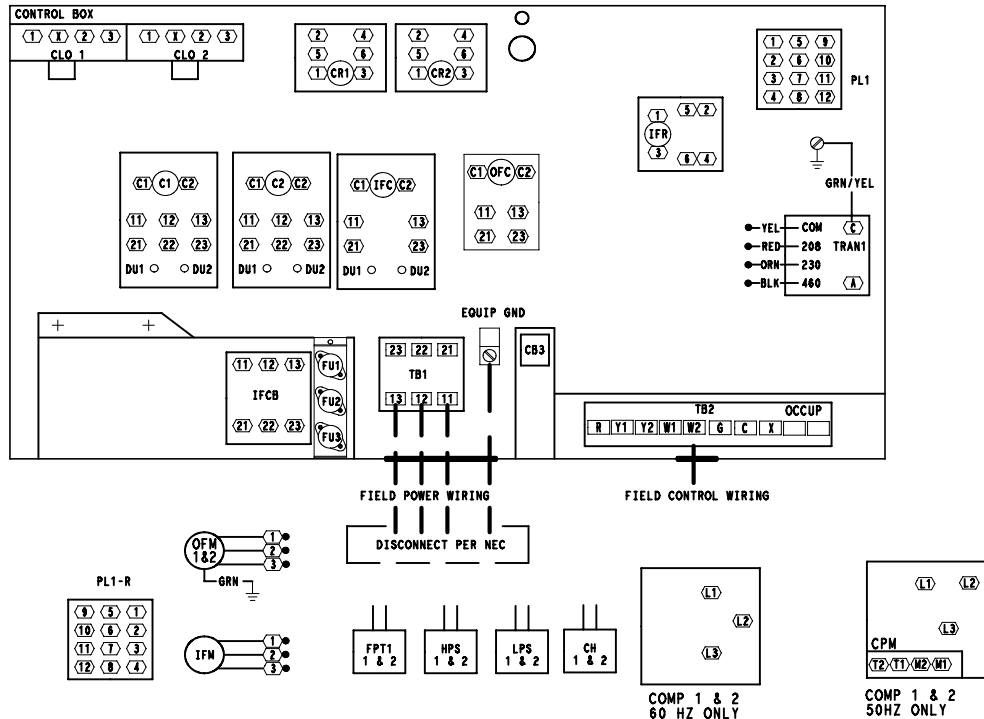
ELECTRIC HEAT		
	208/240V AMPS	200/230V KW
A	71.3/82.3	25.7/34.2
B	117/135	42.2/56.1
C	156/180	56.2/74.8



208/230-3-60V PAS300H	PART NUMBER 50TJ501426 SHT 2 OF 3	REV 2.0
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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.
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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

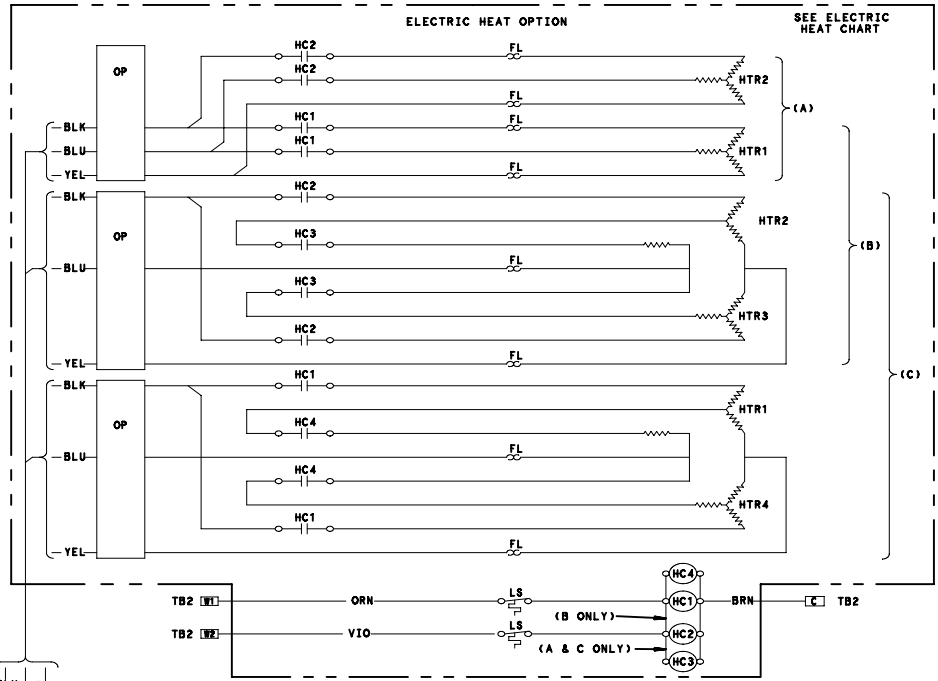
AHA	ADJUSTABLE HEAT ANTICIPATOR	IGC	INTERGRATED GAS UNIT CONTROLLER
C	CONTACTOR, COMPRESSOR	IRH	INDOOR/RETURN RELATIVE HUMIDITY
CAP	CAPACITOR	L	LIGHT
CB	CIRCUIT BREAKER	LLSV	LIQ LINE SOLENOID VALVE
CC	COOLING COMPENSATOR	LOR	LOCKOUT RELAY
CLO	COMPRESSOR LOCKOUT	LPS	LOW PRESSURE SWITCH
CLS	COOLING LOCKOUT SWITCH	LS	LIMIT SWITCH
COMP	COMPRESSOR MOTOR	MGV	MAIN GAS VALVE
CR	CONTROL RELAY	OAT	OUTDOOR AIR TEMPERATURE SENSOR
DAT	DISCHARGE AIR THERMISTOR	OCCUP	OCCUPANCY SENSOR
DM	DAMPER MOTOR	ORH	OUTDOOR RELATIVE HUMIDITY
DU	DUMMY TERMINAL	OFC	OUTDOOR FAN CONTACTOR
EQUIP	EQUIPMENT	OFM	OUTDOOR FAN MOTOR
FPT	FREEZE PROTECTION THERMOSTAT	PL	PLUG ASSEMBLY
FU	FUSE	PRI	PRIMARY RELAY
GND	GROUND	RAT	RETURN AIR TEMPERATURE SENSOR
HPS	HIGH PRESSURE SWITCH	RS	ROLLOUT SWITCH
HS	HALL EFFECT SENSOR	SAT	MIXED AIR TEMPERATURE SENSOR
HV	HIGH VOLTAGE	SN	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	TDR	TIME DELAY RELAY
IFM	INDOOR FAN MOTOR	TH	THERMOSTAT HEATING
		TRAN	TRANSFORMER

208/230-3-60V PAS300H	PART NUMBER 50TJ501426 SHT 3 OF 3	REV 2.0
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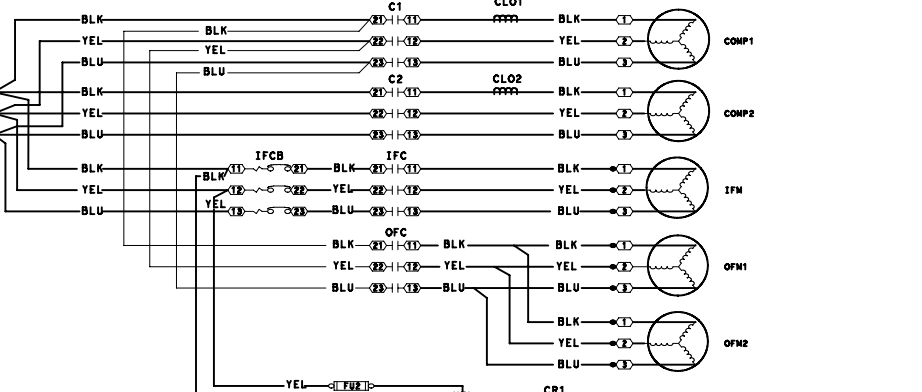
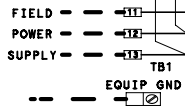
SCHEMATIC

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

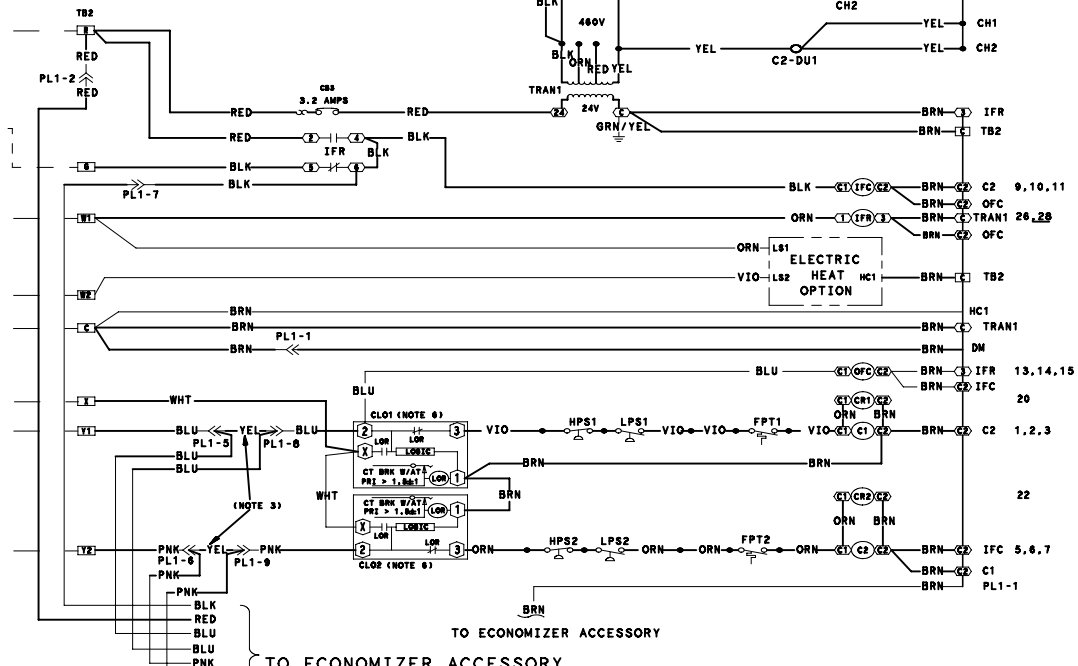
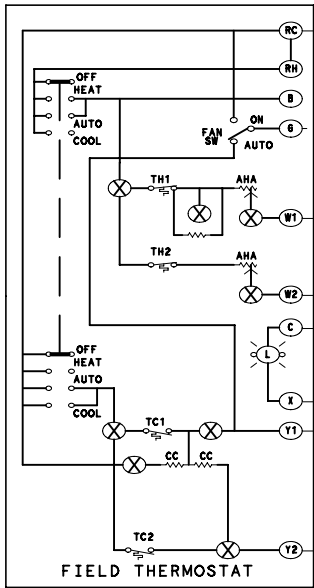


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460-3-60

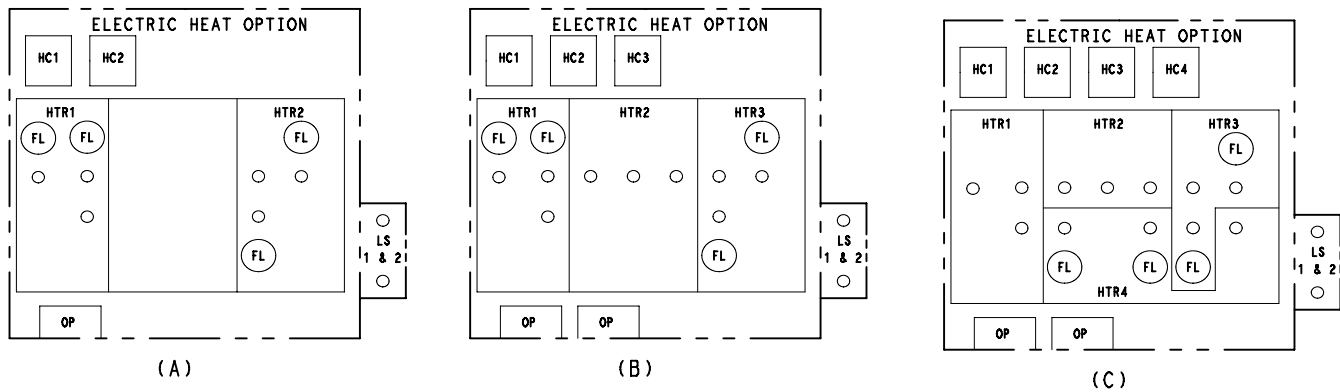
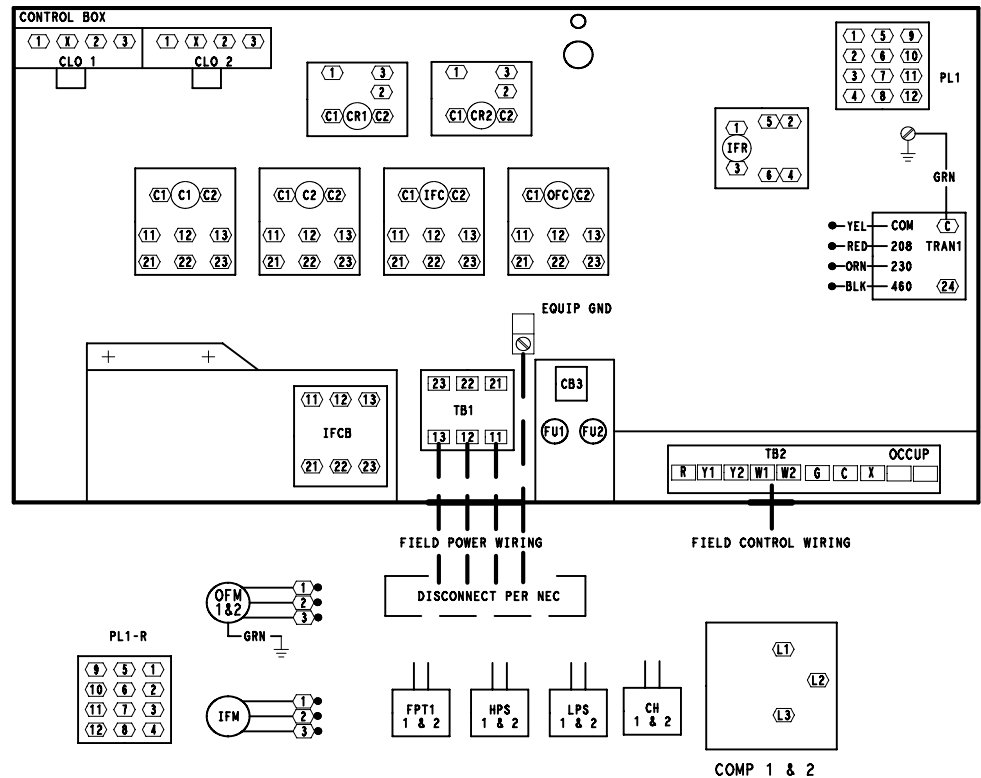


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460V PAS300L	PART NUMBER 50TJ501427 SHT 2 OF 3	REV 2.0
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COMPONENT ARRANGEMENT



NOTES

1. COMPRESSOR AND/OR FAN MOTOR(S) THERMALLY PROTECTED THREE PHASE MOTORS PROTECTED AGAINST PRIMARY SINGLE PHASING CONDITIONS.
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LEGEND

○	TERMINAL (MARKED)
○	TERMINAL (UNMARKED)
□	TERMINAL BLOCK
•	SPLICE

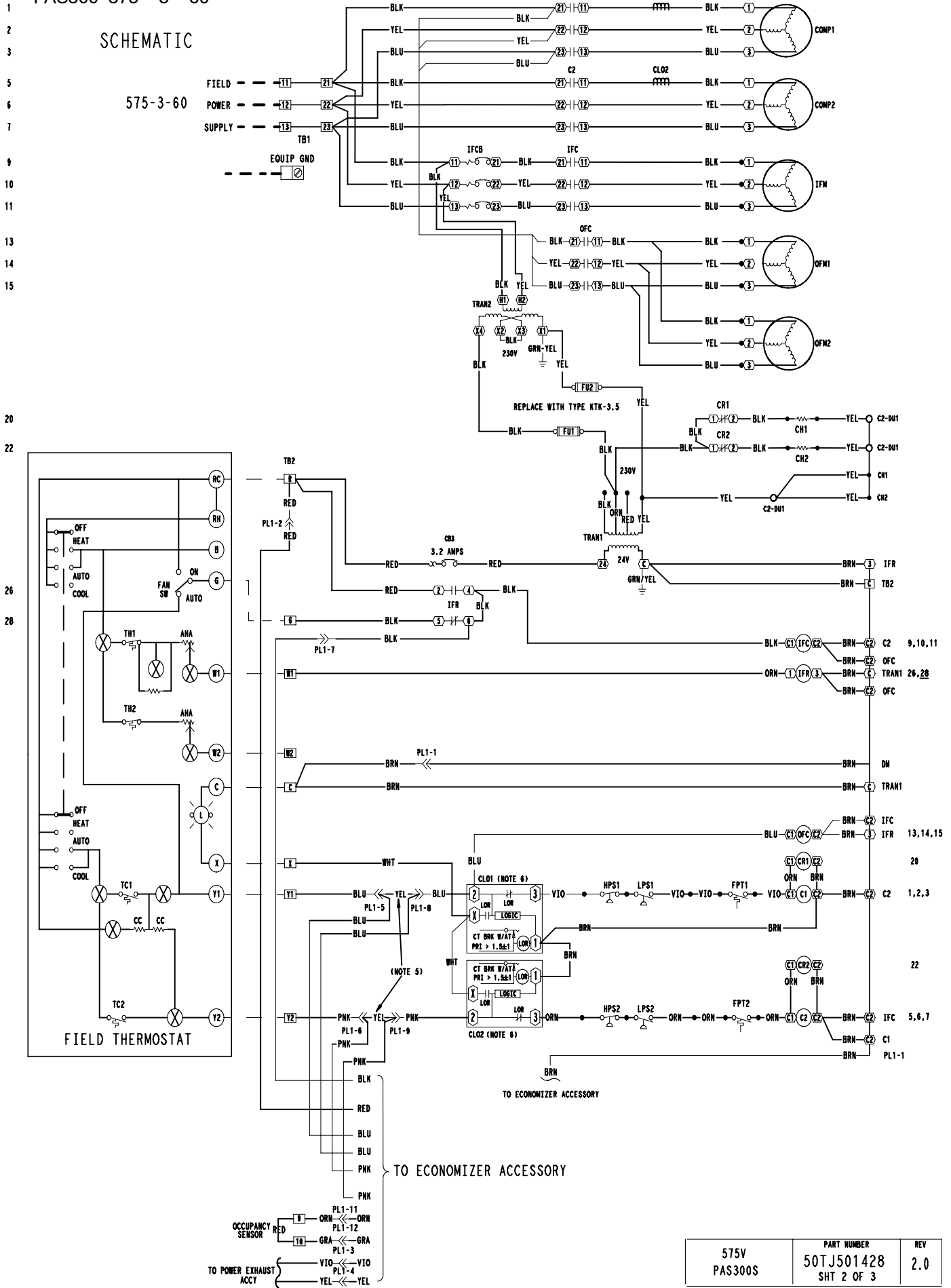
- FACTORY WIRING
- - - FIELD WIRING
- · - · - OPTION/ACCESSORY WIRING
- TO INDICATE COMMON POTENTIAL ONLY:  
NOT TO REPRESENT WIRING

AHA	ADJUSTABLE HEAT ANTICIPATOR	IGC	INTERGRATED GAS UNIT CONTROLLER
C	CONTACTOR,COMPRESSOR	IRH	INDOOR/RETURN RELATIVE HUMIDITY
CAP	CAPACITOR	L	LIGHT
CB	CIRCUIT BREAKER	LLSV	L10 LINE SOLOINOD VALVE
CC	COOLING COMPENSATOR	LOR	LOCKOUT RELAY
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HV	HIGH VOLTAGE	SAT	MIXED AIR TEMPERATURE SENSOR
I	IGNITOR	SN	SENSOR
IAQ	INDOOR AIR QUALITY SENSOR	SR	SOLEINOD RELAY
IDM	INDUCED DRAFT MOTOR	SW	SWITCH
IFC	INDOOR FAN CONTACTOR	TB	TERMINAL BLOCK
IFCB	INDOOR FAN CIRCUIT BREAKER	TC	THERMOSTAT COOLING
IFM	INDOOR FAN MOTOR	TDR	TIME DELAY RELAY
		TH	THERMOSTAT HEATING
		TRAN	TRANSFORMER

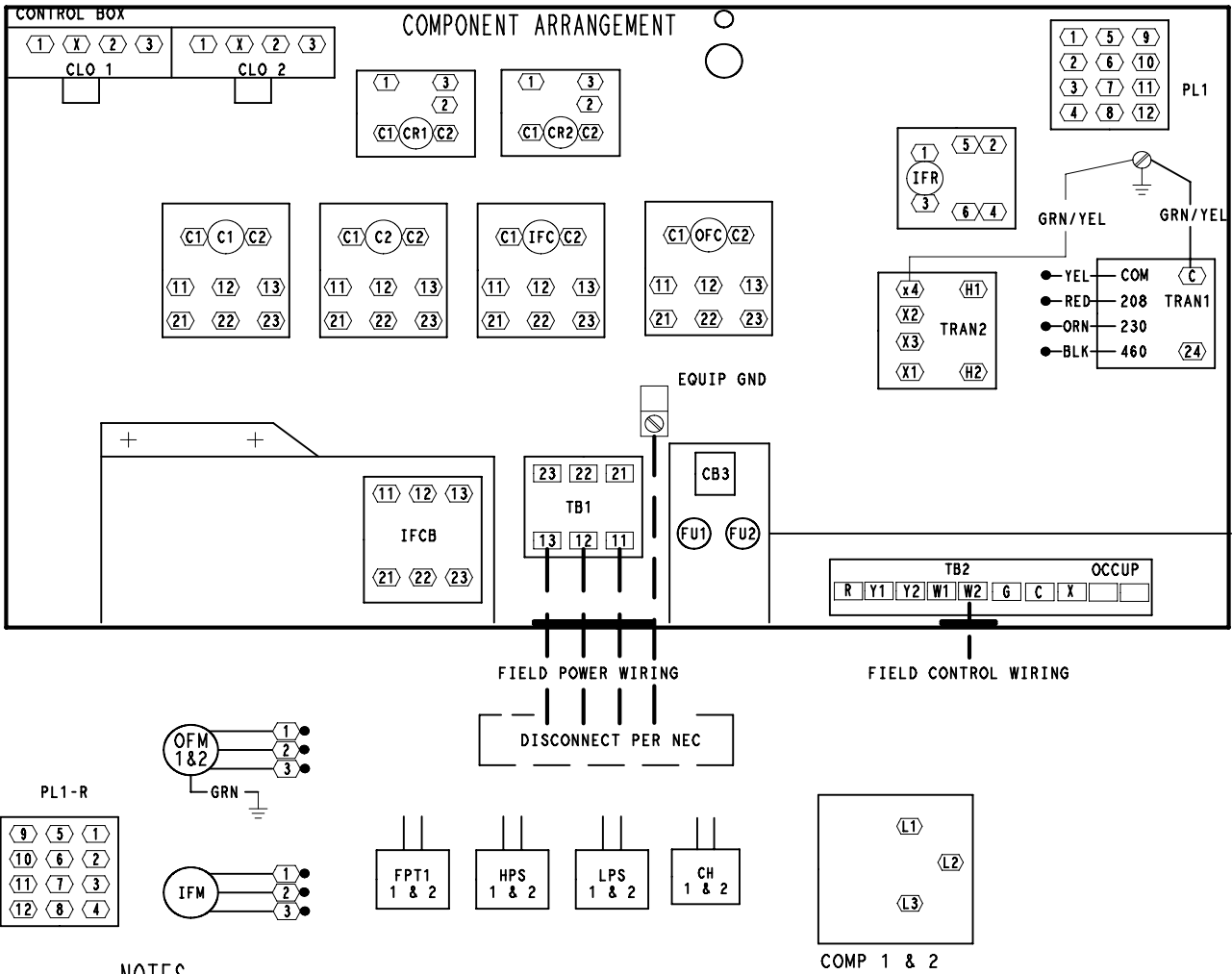
460V PAS300L	PART NUMBER	REV
	50TJ501427 SHT 3 OF 3	2.0

SCHEMATIC

575-3-60



575V PAS300S	PART NUMBER 50TJ501428 SHT 2 OF 3	REV 2.0
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IFM	INDOOR FAN MOTOR	TDR	TIME DELAY RELAY
		TH	THERMOSTAT HEATING
		TRAN	TRANSFORMER

575V PAS300S	PART NUMBER 50TJ501428 SHT 3 OF 3	REV 2.0
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