

Parts List, Charging Chart, Wiring Diagrams

PGE072 - 150 SERIES

PACKAGE GAS ELECTRIC UNITS



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PGE072 PARTS LIST					
KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE072H150AA	PGE072L150AA	PGE072S150AA
1	CONTACTOR 2P 20A 24V	1171160	*	1	1
1	CONTACTOR 2P 30A 24V	1171554	1	*	*
2	TRANS 208/230>24 40VA	1173691	1	*	*
2	TRANSFORMER	1175310	*	1	*
2	TRANSFORMER 575V	1175311	*	*	1
3	CAP RN OV 370V 10 AERO	1171807	1	1	*
3	CAP RN OV 370V 5	1172149	*	*	1
4	RELAY 24V DPST 9100-211Q28	1171809	1	1	*
4	RELAY	1175309	*	*	1
5	BOARD TERMINAL LO VOLT 8P	1171488	1	1	1
6	BLOWER ASY	1175283	1	1	1
7	BEARING	1175317	2	2	2
8	BLOWER WHEEL	1175318	1	1	1
9	KEY	1175300	1	1	1
10	MTR BLT 3/208-460 2.5 1725	1171337	1	1	*
10	MOTOR BLW 575 3 1725	1175305	*	*	1
11	PULLEY	1175314	1	1	1
12	PULLEY	1175315	1	1	1
13	BELT V A39 41"	1170556	1	1	1
14	COIL	1175324	1	1	1
15	COIL	1175322	1	1	1
16	RACEWAY	1171428	1	1	1
17	FILTER AIR	1175312	2	2	2
18	MTR CND 1/460 1/4	1171334	*	1	*
18	MTR CND 1/230 1/4	1171335	1	*	*
18	MOTOR CND 575 1 1100	1175303	*	*	1
19	FAN C 22" 3B 1/2" 24 INT	1171220	1	1	1
20	TEMP ACT SWITCH	1175306	1	1	1
21	CMPR-SRY682AC	1175320	1	*	*
21	CMPR-SRH682AC	1175325	*	1	*
21	COMPRESSOR (SRJ682AE)	1175326	*	*	1
22	FREEZE STAT O30 C45	1171252	1	1	1
23	MODULE IGN UT 1068-12	1171165	*	1	1
23	MODULE IGN UT 1068-11	1171166	1	*	*
24	HEAT EXCHANGER	1175236	1	1	1
25	BURNER ASSY	1175239	1	1	1
26	MANIFOLD ASY	1175234	1	1	1
27	BURNER ASY	1171087	1	1	1
28	BURNER ASY	1171095	2	2	2
29	SENSOR FLAME	1171449	1	1	1
30	IGNITOR	1171306	1	1	1
31	VALVE GAS (NAT)	1175302	1	1	1
32	ORIFICE MAIN 30	1171461	3	3	3
33	INDUCER MOTOR ASY	1171314	1	*	*
33	INDUCER MOTOR ASY	1171315	*	1	1
34	SENSOR HALL EFFECT	1171450	1	1	1
35	MTR VNT 1/460 1/16	1171347	*	1	1
35	MTR VNT 1/230 1/16HP	1171348	1	*	*
36	FAN C 3.25" 12B 5/16" INT	1171222	1	1	1
37	WHEEL SI5.75x.938x5/16 CCW	1171049	1	1	1
38	GASKET	1175268	1	1	1
39	HOOD EXHAUST	1171518	1	1	1
40	ROD BAFFLE	1171441	1	1	1
41	REGULATOR	1175288	1	1	1
42	BAFFLE	1175290	1	1	1

PGE072 PARTS LIST (continued)					
KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE072H150AA	PGE072L150AA	PGE072S150AA
43	INSULATION ASY	1175237	1	1	1
44	CAP RN OV 370V 4	1175500	1	1	1
45	BOOT CAPACITOR	1171842	1	1	1
46	SWITCH LMT 195-80	1171325	1	1	1
47	DRIER 08 CI 3/8" IN & OUT	1171555	1	1	1
52	SWITCH PRESS HI 0426 C320	1171805	1	1	1
53	PRESSURE SWITCH	1175321	1	1	1
54	TRANS 575>460 250VA	1174450	*	*	1
55	CIRCUIT BREAKER	1175307	*	*	1
A	SCROLL	1175260	1	1	1
AA	PANEL	1175295	1	1	1
AB	PANEL ASY	1175226	1	1	1
AC	COVER ASY	1175227	1	1	1
AD	COVER ASY	1175228	1	1	1
AE	PANEL	1175293	1	1	1
AF	POST	1175269	1	1	1
AG	PARTITION	1175292	1	1	1
AH	BRACKET	1175262	1	1	1
AJ	PANEL OUTDOOR ACCESS	1171846	1	*	*
AJ	PANEL	1175277	*	1	1
AK	GROMMET COMPRESSOR 1.62"DIA	1171270	4	4	4
AL	PANEL	1175241	1	1	1
AM	PANEL	1175242	1	1	1
AN	BRACKET	1175296	1	1	1
AP	GUARD LIMIT SWITCH	1171271	1	1	1
B	CLAMP CAPACITOR OVAL	1171552	2	2	2
BA	INSULATION	1171317	1	1	1
BB	HOUSING FAN	1171301	1	1	1
BC	CHANNEL DUCT	1171112	1	1	1
BD	FLAME RETAINER	1175287	1	1	1
BE	BRACKET	1175291	1	1	1
BF	PANEL	1175319	1	1	1
BK	POST. CENTER	1175254	1	1	1
BL	FRAME ASY	1175238	1	1	1
BM	BASE PAN ASY	1175232	1	1	1
BN	PLATE	1175267	1	1	1
BP	PLATE ASY	1175664	1	1	1
BS	COVER	1175233	1	1	1
BT	WIRE	1175258	1	1	1
BU	PANEL	1175327	1	1	1
C	CONTROL BOX	1175257	1	1	1
D	PANEL	1171373	1	1	1
E	BRACKET	1175483	1	1	1
F	BRACKET ASY. BEARING	1175225	2	2	2
G	PANEL ASY	1175229	1	1	1
H	POST ASY	1175230	2	2	2
J	POST	1175255	1	1	1
K	PAN ASY	1175243	1	1	1
L	POST	1175256	1	1	1
M	DECK	1175259	1	1	1
N	BRACKET COIL (HEADER END)	1171070	1	1	1
P	PLATE	1175270	1	1	1
Q	COVER ASY	1175280	1	1	1
R	BASE PAN ASY	1175231	1	1	1
S	BRACKET BASE (CORNER)	1171071	2	2	2

PGE072 PARTS LIST (continued)					
KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE072H150AA	PGE072L150AA	PGE072S150AA
T	RAIL	1175263	1	1	1
U	RAIL	1175265	1	1	1
V	RAIL	1175266	1	1	1
W	RAIL	1175279	1	1	1
X	PLATE	1175294	1	1	1
Y	GRILLE OUTLET	1171267	1	1	1
Z	COVER CONTROL	1171169	1	1	1
PARTS NOT SHOWN					
	PLUG ASSEMBLY ECONOMIZER	1171405	1	1	1
	WIRE HARNESS	1172171	1	1	1
	HARNESS ASY (YAC)	1175244	1	1	1
	BURNER WIRING KIT	1175246	1	1	1
	HARNESS ASY (COM WIRING)	1175281	1	1	*
	HARNESS ASY (COM WIRING)	1175282	*	*	1
	HARNESS ASY (PL6)	1175284	1	1	1
	CABLE	1175498	3	3	3
	HARNESS ASY (IFM)	1175663	1	1	1

PGE090 PARTS LIST					
KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE090H224AA	PGE090L224AA	PGE090S224AA
1	MTR BLT 3/208-460 2.5 1725	1171337	1	1	1
2	PULLEY 1 X 6.93 AM74	1171422	1	1	1
3	PULLEY 5/8 X 4.00	1171426	1	1	1
4	BELT V A48 50"	1171516	1	1	1
5	BRACKET ASY	1171062	2	2	2
6	PLATE FAN	1171395	1	1	1
7	PLATE FAN	1171396	1	1	1
8	SCROLL FAN	1171445	1	1	1
9	SHAFT BLR	1171452	1	1	1
10	PLATE MOTOR	1171388	1	1	1
11	BRACKET ASY MOTOR MOUNT	1171345	1	1	1
12	BRACKET MOTOR	1171077	1	1	1
13	PLATE	1171391	1	1	1
14	BOLT CARRIAGE 5/16-18 X 10	1171057	1	1	1
16	WHEEL BD15x15x1 REV CV DBL	1171050	1	1	1
17	BEARING BALL 1"	1171037	2	2	2
18	DECK FAN	1171214	1	1	1
26	RAIL BASE	1171031	1	1	1
28	RAIL BASE	1171032	1	1	1
29	PANEL OUTDOOR ACCESS	1171003	1	1	1
30	POST CORNER	1171173	1	1	1
31	POST CORNER	1171177	1	1	1
32	HOOD EXHAUST	1171518	1	1	1
33	ROD BAFFLE	1171441	1	1	1
34	POST CENTER COMP ACCESS	1171409	1	1	1
35	PANEL INDOOR FAN ACCESS	1171004	1	1	1
36	BRACKET BASE (CORNER)	1171071	2	2	2
37	COVER ASY TOP	1171365	1	1	1
38	PANEL COMP ACCESS	1171139	1	1	1
40	PANEL FILTER ACCESS	1171386	1	1	1
40	PANEL FILTER ACCESS	1171386	*	*	1
41	PANEL INDOOR END	1171375	1	1	1
42	COVER RETURN AIR	1171181	1	1	1
43	COVER SUPPLY AIR	1171182	1	1	1
44	SEAL DRAIN LINE ROUND	1171447	1	1	1
45	PANEL END SKIRT	1171206	1	1	1
46	PANEL FILTER ACCESS LOWER	1171382	1	1	1
47	POST CENTER FILTER ACCESS	1171406	1	1	1
48	RAIL BASE	1171033	1	1	1
49	POST CORNER	1171175	2	2	2
56	PAINT DARK GREY 16OZ AEROSOL	1171357	1	1	1
58	RACEWAY	1171428	2	2	2
59	GRILLE OUTLET	1171267	2	2	2
60	MTR CND 1/230 1/4	1171335	2	*	*
60	MTR CND 1/460 1/4	1171551	*	2	2
61	FAN C 22" 3B 1/2" 24 INT	1171220	2	2	2
64	RACEWAY-24V1	1171429	1	1	1
66	PANEL GAS	1171260	1	1	1
73	BRACKET (575V)	1171069	*	*	1
74	TRANS 240/480>120/240 .75KVA	1171497	*	*	2
75	COVER ASY HEAT	1171394	1	1	1
77	SWITCH LMT 135-40	1171324	1	1	1
78	GUARD LIMIT SWITCH	1171271	1	1	1
80	FREEZE STAT O30 C45	1171252	1	1	1
81	BRACKET COIL (HEADER END)	1171070	1	1	1

PGE090 PARTS LIST (continued)					
KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE090H224AA	PGE090L224AA	PGE090S224AA
82	PAN CONDENSATE	1171359	1	1	1
84	FRAME FILTER ASY	1171234	1	*	*
84	FRAME FILTER ASY	1171234	*	1	*
84	FRAME FILTER ASY	1171234	*	*	1
85	RETAINER FILTER	1171238	1	1	1
86	RETAINER FILTER	1171240	2	2	2
87	SUPPORT TRACK	1171472	1	1	1
88	FILTER AIR 16X20X2 DISP	1171230	4	4	4
89	RETAINER FILTER	1171239	1	1	1
91	SENSOR FLAME	1171449	1	1	1
92	IGNITOR	1171306	1	1	1
93	SUPPORT BURNER	1171094	1	1	1
94	BURNER ASY	1171095	2	2	2
95	BURNER ASY	1171087	3	3	3
96	ORIFICE MAIN 31	1171462	5	5	5
97	MANIFOLD ASY	1171328	1	1	1
98	VALVE N DSI 2STG WR 36C76470	1171263	1	1	1
99	BURNER ASY	1171089	1	1	1
100	BRACKET GAS VALVE	1171064	1	1	1
101	CHANNEL DUCT	1171112	1	1	1
102	INDUCER MOTOR ASY	1171314	1	*	*
102	INDUCER MOTOR ASY	1171315	*	1	1
103	HOUSING FAN	1171301	1	1	1
104	SWITCH LMT 195-80	1171325	1	1	1
105	SUPPORT BURNER	1171473	1	1	1
106	MTR VNT 1/460 1/16	1171347	*	1	1
106	MTR VNT 1/230 1/16HP	1171348	1	*	*
107	FAN C 3.25" 12B 5/16" INT	1171222	1	1	1
108	WHEEL SI5.75x.938x5/16 CCW	1171049	1	1	1
109	ANGLE	1171012	1	1	1
110	HT EX 5S	1171287	1	1	1
110	SUPPORT HEAT EXCH	1171469	*	1	*
111	GASKET	1171264	1	1	1
112	REGULATOR EXHAUST	1171432	1	1	1
113	RETAINER FLAME	1171247	1	1	1
116	DRIER 08 CI 3/8" IN & OUT	1171555	2	2	2
117	COIL COND	1171547	1	1	1
118	COIL EVAP	1171546	1	1	1
121	SWITCH PRESS HI 0426 C320	1171303	2	2	2
122	SWITCH PRESS LO 007 C22	1171412	2	2	2
123	BOLT HEX HEAD COMPRESSOR MTG	1171056	8	8	8
123	BOLT HEX HEAD COMPRESSOR MTG	1171056	*	*	8
124	GROMMET COMPRESSOR 1.25"DIA	1171269	8	8	8
125	COMP CR42K6-TFD-960	1171141	*	2	*
125	COMP CR42K6-TF5-960	1171142	2	*	*
125	COMP CR42K6-TFE-960	1171146	*	*	2
127	CONTROL BOX	1171059	1	1	1
129	PANEL	1171373	1	1	1
130	CONTACTOR 2P 20A 24V	1171160	2	2	2
131	RELAY 24V DPDT R8222D1121	1171435	1	1	1
132	CONTACTOR 2P 30A 24V	1171163	1	1	1
133	MODULE IGN UT 1068-12	1171165	*	1	1
133	MODULE IGN UT 1068-11	1171166	1	*	*
134	FUSE	1171099	1	1	1
135	BOARD TERMINAL LO VOLT 8P	1171488	1	1	1

PGE090 PARTS LIST (continued)					
KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE090H224AA	PGE090L224AA	PGE090S224AA
136	BREAKER 3.2A 1 POLE 250V	1171114	1	1	1
137	TRANS 200/230/460>24 75VA	1171496	1	1	1
138	CLAMP	1171537	1	1	1
139	CAP RN OV 370V 10+10	1171105	1	1	1
103A	INSULATION	1171317	1	*	*
103A	INSULATION	1171317	*	1	*
103A	INSULATION	1171317	*	*	1
110A	SUPPORT HEAT EXCH	1171469	1	*	1
112A	GASKET REGULATOR	1171265	1	1	1
44A	SEAL DRAIN LINE SQUARE	1171202	1	1	1
PARTS NOT SHOWN					
	PLATE BLOCKOFF	1171040	1	1	1
	BLOWER ASY	1171043	1	1	1
	BURNER ASY OUTER W/DIMPLE	1171088	1	1	1
	CAP FLARE	1171101	4	4	4
	BOOT CAPACITOR SINGLE OVAL	1171106	1	1	1
	CAP RN OV 370V 4	1171107	1	1	1
	CONTROL BOX ASY COMPLETE	1171135	*	1	*
	CONTROL BOX ASY COMPLETE	1171168	1	1	1
	COVER CONTROL	1171169	1	1	1
	PANEL FILTER ACCESS	1171200	*	*	1
	PARTITION GAS	1171261	1	1	1
	HOUSING PLUG	1171302	1	1	1
	INSULATION	1171318	1	1	1
	KEY SHAFT 1/4X1/4X1-3/4	1171322	1	1	1
	PANEL	1171384	1	1	1
	PLUG	1171401	1	1	1
	PLUG ASSEMBLY ECONOMIZER	1171405	1	1	1
	RECEPTACLE	1171430	1	1	1
	SENSOR HALL EFFECT	1171450	1	1	1
	SHIELD	1171453	2	2	2
	FITTING ACCESS	1171507	2	2	2
	CORE VALVE	1171508	8	8	8
	WIRING ASS'Y. PLUG	1171523	1	1	1
	CONTROL BOX ASY COMPLETE	1171524	*	*	1
	WIRING HARNESS	1171525	1	1	1
	WIRE HARNESS ASY PL6	1171526	1	1	1
	BELT DRIVE FAN PARTS (STD)	1171531	1	1	1
	CLAMP CAPACITOR OVAL	1171552	1	1	1
	PANEL FILTER ACCESS	1171791	*	1	*
	WIRING KIT	1171894	1	1	1
	WIRE HARNESS ASY	1173199	1	1	1
	CONV KIT NAT>LP	AXB345LPA	1	1	1

PGE102 PARTS LIST					
KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE102H224AA	PGE102L224AA	PGE102S224AA
1	CONTACTOR 2P 20A 24V	1171160	3	3	3
2	TRANS 200/230/460>24 75VA	1171496	1	1	*
2	TRANSFORMER 575V	1175311	*	*	1
3	CAP RN OV 370V 10+10	1175708	1	1	*
3	CAPACITOR	1175716	*	*	1
4	RELAY	1175309	*	*	1
4	RELAY 24V DPST 9100-211Q28	1171809	1	1	*
5	BOARD TERMINAL LO VOLT 8P	1171488	1	1	1
6	BLOWER ASY	1172637	1	1	1
7	BEARING	1175709	2	2	2
8	WHEEL BD15x15x1 REV CV DBL	1171050	1	1	1
9	KEY SHAFT 1/4X1/4X1-3/4	1171322	1	1	1
10	MOTOR	1175717	*	*	1
10	MOTOR BLW 230/460 3 1750	1175478	1	1	*
11	PULLEY	1175315	1	1	1
12	PULLEY 5/8 X 4.25	1175494	1	1	1
13	BELT V A51 51"	1175710	1	1	1
14	COIL ASY	1175398	1	1	1
15	COIL ASY	1175393	1	1	1
16	RACEWAY	1171428	2	2	2
17	FILTER AIR 16X20X2 DISP	1171230	4	4	4
18	MOTOR CND 575 1 1100	1175303	*	*	2
18	MTR CND 1/230 1/4	1171335	2	*	*
18	MTR CND 1/460 1/4	1171334	*	2	*
19	FAN C 22" 3B 1/2" 24 INT	1171220	2	2	2
19	FAN C 22" 3B 1/2" 24 INT	1171220	*	2	*
19	FAN C 22" 3B 1/2" 24 INT	1171220	*	*	2
20	SWITCH LMT 135-40	1171324	1	1	1
21	COMP SRH482AC	1175714	*	1	*
21	COMP SRJ482AC	1175718	*	*	1
21	COMP SRY482AC	1175692	1	*	*
22	COMP SRH552HE	1175404	*	*	1
22	FREEZE STAT O30 C45	1171252	1	1	*
23	MODULE IGN UT 1068-11	1171166	1	1	1
24	HT EX 5S	1171287	1	1	1
25	BURNER ASY	1171089	1	1	1
26	MANIFOLD ASY	1171328	1	1	1
27	BURNER ASY	1171087	1	1	1
28	BURNER ASY	1171095	2	2	2
29	SENSOR FLAME	1171449	1	1	1
29	SENSOR FLAME	1171449	*	*	1
30	IGNITOR	1171306	1	1	1
31	VALVE	1175187	1	1	1
32	ORIFICE MAIN 31	1171462	5	5	5
33	INDUCER MOTOR ASY 230V	1171314	1	*	*
33	INDUCER MOTOR ASY 460V	1171315	*	1	1
34	SENSOR HALL EFFECT	1171450	1	1	1
35	MTR VNT 1/230 1/16HP	1171348	1	*	*
35	MTR VNT 1/460 1/16	1171347	*	1	1
36	FAN C 3.25" 12B 5/16" INT	1171222	1	1	1
37	WHEEL SI5.75x.938x5/16 CCW	1171049	1	1	1
38	GASKET REGULATOR	1171265	1	1	1
39	HOOD EXHAUST	1171518	1	1	1
40	ROD BAFFLE	1171441	1	1	1
41	REGULATOR EXHAUST	1171432	1	1	1

PGE102 PARTS LIST (continued)					
KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE102H224AA	PGE102L224AA	PGE102S224AA
43	SUPPORT BURNER	1171473	1	1	1
44	CAP RN OV 370V 4	1175500	1	1	1
45	BOOT CAPACITOR	1171842	1	1	1
46	SWITCH LMT 195-80	1171325	1	1	1
47	DRIER 08 CI 3/8" IN & OUT	1171555	2	2	2
52	SWITCH PRESS HI 0426 C320	1171805	2	2	2
53	PRESSURE SWITCH	1175308	2	2	2
55	BREAKER 3.2A 1 POLE 250V	1171114	1	1	*
55	CIRCUIT BREAKER	1175307	*	*	1
21A	COMP SRH552HE	1175404	*	1	*
21A	COMP SRJ552HE	1175402	*	*	1
21A	COMP SRY552HE	1175410	1	*	*
A	SCROLL FAN	1171445	1	1	*
AA	PANEL GAS	1171260	1	1	1
AB	PANEL INDOOR END	1171375	1	1	1
AC	COVER RETURN AIR	1171181	1	1	1
AD	COVER SUPPLY AIR	1171182	1	1	1
AF	POST CENTER COMP ACCESS	1171409	1	1	*
AG	PARTITION GAS	1171261	1	1	*
AH	BRACKET	1175400	1	1	1
AJ	PANEL OUTDOOR ACCESS	1171003	1	1	1
AK	GROMMET COMPRESSOR 1.25"DIA	1171269	8	8	8
AL	PANEL FILTER ACCESS	1171386	1	1	1
AM	PANEL FILTER ACCESS LOWER	1171382	1	1	1
AN	SUPPORT BURNER	1171094	1	1	*
AP	GUARD LIMIT SWITCH	1171271	1	1	1
AQ	BRACKET	1175713	1	1	1
B	CLAMP CAPACITOR OVAL	1171552	1	1	1
BA	INSULATION	1171317	1	1	1
BB	HOUSING FAN	1171301	1	1	1
BC	CHANNEL DUCT	1171112	1	1	1
BD	RETAINER FLAME	1171247	1	1	*
BE	BRACKET GAS VALVE	1171064	1	1	1
BF	PANEL COMP ACCESS	1171139	1	1	1
BK	POST CENTER FILTER ACCESS	1171406	1	1	*
BL	FRAME FILTER ASY	1171234	1	1	1
BM	BASE PAN OUTDOOR	1171023	1	1	1
BN	ANGLE	1171012	1	1	1
BP	PLATE ASY	1175664	1	1	*
BS	COVER ASY HEAT	1171394	1	1	1
BT	SUPPORT HEAT EXCH	1171469	1	1	*
C	CONTROL BOX	1171059	1	1	1
D	PANEL	1171373	1	1	1
E	BRACKET	1175711	1	1	1
F	BRACKET ASY	1175712	2	2	2
G	PANEL INDOOR FAN ACCESS	1171004	1	1	1
H	POST CORNER	1171175	2	2	*
J	POST CORNER	1171173	1	1	*
K	PAN CONDENSATE	1171359	1	1	1
L	POST CORNER	1171177	1	1	*
M	DECK FAN	1171214	1	1	1
N	BRACKET COIL (HEADER END)	1171070	1	1	1
P	PLATE COMP MOUNTING	1171393	1	1	*
Q	COVER ASY TOP	1171365	1	1	1
R	INDOOR BASE PAN	1171307	1	1	1

PGE102 PARTS LIST (continued)					
KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE102H224AA	PGE102L224AA	PGE102S224AA
S	BRACKET BASE (CORNER)	1171071	1	1	1
T	PANEL END SKIRT	1171206	1	1	1
U	RAIL BASE	1171031	1	1	*
V	RAIL BASE	1171033	1	1	*
W	BASE RAIL (ICP)	1175313	1	1	1
X	PLATE BLOCKOFF	1171040	1	1	*
Y	GRILLE OUTLET	1171267	2	2	2
Z	COVER CONTROL	1171169	1	1	1
PARTS NOT SHOWN					
	CABLE	1175674	1	1	1
	HARNESS ASY	1175166	1	1	*
	HARNESS ASY	1175378	*	*	1
	HARNESS ASY	1175391	1	1	1
	HARNESS ASY	1175707	1	1	1
	PLUG ASSEMBLY ECONOMIZER	1171405	1	1	1
	WIRING KIT	1171894	1	1	1
	WIRE HARNESS ASY	1173199	1	1	1
	WIRING ASS'Y. PLUG	1171523	1	1	1
	WIRING HARNESS	1171525	1	1	1

PGE120 PARTS LIST					
KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE120H150AA	PGE120L150AA	PGE120S150AA
1	MTR BLT 3/208-460 2.5 1725	1171337	1	1	1
2	PULLEY 1 X 6.93 AM74	1171422	1	1	1
3	PULLEY 5/8 X 4.25	1171420	1	1	1
4	BELT V A49 51"	1171513	1	1	1
5	BRACKET ASY	1171062	2	2	2
6	PLATE FAN DRIVE SIDE	1171227	1	1	1
7	PLATE FAN	1171218	1	1	1
8	SCROLL FAN	1171223	1	1	1
9	SHAFT BLR	1171452	1	1	1
10	PLATE MOTOR	1171388	1	1	1
11	BRACKET ASY MOTOR MOUNT	1171078	1	1	1
12	BRACKET MOTOR	1171077	1	1	1
13	PLATE	1171399	1	1	1
14	BOLT CARRIAGE 5/16-18 X 10	1171057	1	1	1
16	WHEEL BD15x15x1 REV CV DBL	1171050	1	1	1
17	BEARING BALL 1"	1171037	2	2	2
18	DECK FAN	1171214	1	1	1
26	RAIL BASE	1171031	1	1	1
28	RAIL BASE	1171032	1	1	1
29	PANEL OUTDOOR ACCESS	1171368	1	1	1
30	POST CORNER	1171172	1	1	1
31	POST CORNER	1171174	1	1	1
32	HOOD EXHAUST	1171518	1	1	1
33	ROD BAFFLE	1171441	1	1	1
34	POST CENTER COMP ACCESS	1171410	1	1	1
35	PANEL INDOOR FAN ACCESS	1171364	1	1	1
36	BRACKET BASE (CORNER)	1171071	2	2	2
37	COVER ASY TOP	1171365	1	1	1
38	PANEL COMP ACCESS	1171383	1	1	1
40	PANEL FILTER ACCESS	1171385	1	1	1
41	PANEL INDOOR END	1171308	1	1	1
42	COVER RETURN AIR	1171180	1	1	1
43	COVER SUPPLY AIR	1171182	1	1	1
44	SEAL DRAIN LINE ROUND	1171447	1	1	1
45	PANEL END SKIRT	1171206	1	1	1
46	PANEL FILTER ACCESS LOWER	1171382	1	1	1
47	POST CENTER FILTER ACCESS	1171109	1	1	1
48	RAIL BASE	1171033	1	1	1
49	POST CORNER	1171309	2	2	2
56	PAINT DARK GREY 16OZ AEROSOL	1171357	1	1	1
58	RACEWAY	1171428	2	2	2
59	GRILLE OUTLET	1171267	2	2	2
60	MTR CND 1/230 1/4	1171335	2	*	*
60	MTR CND 1/460 1/4	1171334	*	*	2
60	MTR CND 1/460 1/4	1171551	*	2	*
61	FAN C 22" 3B 1/2" 24 INT	1171220	2	2	2
64	RACEWAY 24V	1171326	1	1	1
66	PANEL GAS	1171260	1	1	1
73	BRACKET (575V)	1171069	*	*	1
74	TRANS 240/480>120/240 .75KVA	1171497	*	*	2
75	COVER ASY HEAT	1171394	1	1	1
77	SWITCH LMT 135-40	1171324	1	1	1
78	GUARD LIMIT SWITCH	1171271	1	1	1
80	FREEZE STAT O30 C45	1171252	1	1	1
81	BRACKET COIL (HEADER END)	1171070	1	1	1

PGE120 PARTS LIST (continued)					
KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE120H150AA	PGE120L150AA	PGE120S150AA
82	PAN CONDENSATE	1171359	1	1	1
83	BRACKET COIL (HAIRPIN END)	1171065	1	1	1
84	FRAME ASY ECON TRACK	1171205	1	1	1
85	RETAINER FILTER	1171238	1	1	1
86	FILTER RETAINER	1171536	2	2	2
87	SUPPORT TRACK	1171472	1	1	1
88	FILTER AIR 20X20X2 DISP	1171231	4	4	4
89	RETAINER FILTER	1171239	1	1	1
91	SENSOR FLAME	1171449	1	1	1
92	IGNITOR	1171306	1	1	1
93	SUPPORT BURNER	1171094	1	1	1
94	BURNER ASY	1171095	2	2	2
95	BURNER ASY	1171087	3	3	3
96	ORIFICE MAIN 30	1171461	5	5	5
97	MANIFOLD ASY	1171328	1	1	1
98	VALVE N DSI 2STG WR 36C76470	1171263	1	1	1
99	BURNER ASY	1171090	1	1	1
100	BRACKET GAS VALVE	1171064	1	1	1
101	CHANNEL DUCT	1171112	1	1	1
102	INDUCER MOTOR ASY 230V	1171314	1	*	*
102	INDUCER MOTOR ASY 460V	1171315	*	1	1
103	HOUSING FAN	1171301	1	1	1
104	SWITCH LMT 195-80	1171325	1	1	1
105	SUPPORT BURNER	1171473	1	1	1
106	MTR VNT 1/230 1/16HP	1171348	1	*	*
106	MTR VNT 1/460 1/16	1171347	*	1	1
107	FAN C 3.25" 12B 5/16" INT	1171222	1	1	1
108	WHEEL SI5.75x.938x5/16 CCW	1171049	1	1	1
109	ANGLE	1171012	1	1	1
110	HT EX 5S	1171288	1	1	1
111	GASKET	1171264	1	1	1
112	REGULATOR EXHAUST	1171432	1	1	1
113	RETAINER FLAME	1171247	1	1	1
116	DRIER 08 CI 3/8" IN & OUT	1171555	2	2	2
117	COIL COND	1171541	1	1	1
118	EVAP COIL	1171564	1	1	1
121	SWITCH PRESS HI O426 C320	1171303	2	2	2
122	SWITCH PRESS LO O07 C22	1171412	2	2	2
123	BOLT HEX HEAD COMPRESSOR MTG	1171056	8	8	8
124	GROMMET COMPRESSOR 1.25"DIA	1171269	8	8	8
125	COMP SRH582AE 460/3/60	SRH582AE	*	2	*
125	COMP SRJ582AE 575/3/60	SRJ582AE	*	*	2
125	COMP SRY582AE 230/3/60	1171976	2	*	*
127	CONTROL BOX	1171059	1	1	1
129	PANEL	1171373	1	1	1
130	CONTACTOR 2P 20A 24V	1171160	2	2	2
131	RELAY 24V DPDT R8222D1121	1171435	1	1	1
132	CONTACTOR 2P 30A 24V	1171163	1	1	1
133	MODULE IGN UT 1068-11	1171166	1	*	*
133	MODULE IGN UT 1068-12	1171165	*	1	1
134	FUSE	1171099	1	1	1
135	BOARD TERMINAL LO VOLT 8P	1171488	1	1	1
136	BREAKER 3.2A 1 POLE 250V	1171114	1	1	1
137	TRANS 200/230/460>24 75VA	1171496	1	1	1
138	CLAMP	1171537	1	1	1

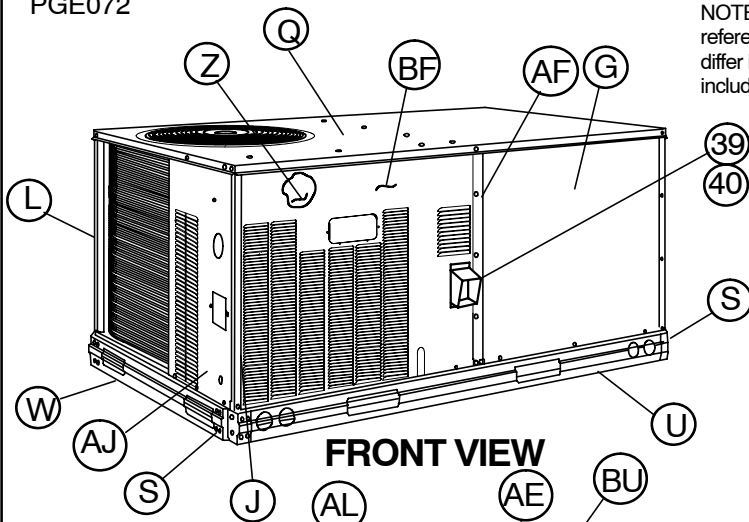
PGE120 PARTS LIST (continued)					
KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE120H150AA	PGE120L150AA	PGE120S150AA
139	CAP RN OV 370V 10+10	1171105	1	1	1
103A	INSULATION	1171317	1	1	1
110A	SUPPORT HEAT EXCH	1171469	1	1	1
112A	GASKET REGULATOR	1171265	1	1	1
44A	SEAL DRAIN LINE SQUARE	1171202	1	1	1
PARTS NOT SHOWN					
	BELT DRIVE FAN PARTS (STD)	1171532	1	1	1
	BOOT CAPACITOR SINGLE OVAL	1171106	1	1	1
	BURNER ASY OUTER W/DIMPLE	1171088	1	1	1
	CAP FLARE	1171101	8	8	8
	CAP RN OV 370V 4	1171107	1	1	1
	CAP SEAL	1171102	4	4	4
	CLAMP CAPACITOR OVAL	1171552	1	1	1
	CONTROL BOX ASY COMPLETE	1171168	1	1	1
	CONV KIT NAT>LP	AXB345LPA	*	1	1
	CORE VALVE	1171170	4	4	4
	CORE VALVE	1171508	8	8	8
	COVER CONTROL	1171169	1	1	1
	FITTING ACCESS	1171507	2	2	2
	HOUSING PLUG	1171302	1	1	1
	INSULATION	1171318	1	1	1
	KEY SHAFT 1/4X1/4X1-3/4	1171322	1	1	1
	PANEL	1171387	*	*	1
	PANEL	1171374	1	1	1
	PANEL FILTER ACCESS	1171797	1	1	1
	PLUG	1171401	1	1	1
	PLUG ASSEMBLY ECONOMIZER	1171405	1	1	1
	RECEPTACLE	1171430	1	1	1
	SENSOR HALL EFFECT	1171450	1	1	1
	SHIELD	1171453	2	2	2
	SUPPORT	1171466	1	1	1
	WIRING KIT	1171894	1	1	1
	WIRE HARNESS	1171520	1	1	*
	WIRE HARNESS ASY	1173199	1	1	1
	WIRE HARNESS ASY PL6	1171526	1	1	1
	WIRING ASS'Y. PLUG	1171523	1	1	1
	WIRING HARNESS	1171525	1	1	1

PGE150 PARTS LIST					
KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE150H250AA	PGE150L250AA	PGE150S250AA
1	MTR BLT 3/208-460 5.0 1740	1171312	1	1	1
2	PULLEY 1 X 6.25 BK65	1171417	1	1	1
3	PULLEY 7/8 X 4.25 1VL44	1171424	1	1	1
4	BELT V B48 51"	1171512	1	1	1
5	BRACKET ASY	1171062	2	2	2
6	PLATE FAN DRIVE SIDE	1171227	1	1	1
7	PLATE FAN	1171218	1	1	1
8	SCROLL FAN	1171223	1	1	1
9	SHAFT BLR	1171452	1	1	1
10	PLATE MOTOR	1171388	1	1	1
11	BRACKET ASY MOTOR MOUNT	1171078	1	1	1
12	BRACKET MOTOR	1171077	1	1	1
13	PLATE	1171399	1	1	1
14	BOLT CARRIAGE 5/16-18 X 10	1171057	1	1	1
16	WHEEL BD15x15x1 REV CV DBL	1171050	1	1	1
17	BEARING BALL 1"	1171037	2	2	2
18	DECK FAN	1171214	1	1	1
19	BREAKER 7.4A 3 POLE 480V	1171079	*	1	1
19	BREAKER 15A 3 POLE 240V	1171080	1	*	*
20	BRACKET	1171063	1	1	1
26	RAIL BASE	1171031	1	1	1
28	RAIL BASE	1171032	1	1	1
29	PANEL OUTDOOR ACCESS	1171368	1	1	1
30	POST CORNER	1171172	1	1	1
31	POST CORNER	1171174	1	1	1
32	HOOD EXHAUST	1171518	1	1	1
33	ROD BAFFLE	1171441	1	1	1
34	POST CENTER COMP ACCESS	1171410	1	1	1
35	PANEL INDOOR FAN ACCESS	1171364	1	1	1
36	BRACKET BASE (CORNER)	1171071	2	2	2
37	COVER ASY TOP	1171365	1	1	1
38	PANEL COMP ACCESS	1171383	1	1	1
40	PANEL FILTER ACCESS	1171385	1	1	1
41	PANEL INDOOR END	1171308	1	1	1
42	COVER RETURN AIR	1171180	1	1	1
43	COVER SUPPLY AIR	1171182	1	1	1
44	SEAL DRAIN LINE ROUND	1171447	1	1	1
45	PANEL END SKIRT	1171206	1	1	1
46	PANEL FILTER ACCESS LOWER	1171382	1	1	1
47	POST CENTER FILTER ACCESS	1171109	1	1	1
48	RAIL BASE	1171033	1	1	1
49	POST CORNER	1171309	2	2	2
56	PAINT DARK GREY 16OZ AEROSOL	1171357	1	1	1
58	RACEWAY	1171428	2	2	2
59	GRILLE OUTLET	1171267	2	2	2
60	MTR CND 1/460 1/4	1171334	*	2	2
60	MTR CND 1/230 1/4	1171335	2	*	*
61	FAN C 22" 3B 1/2" 24 INT	1171220	2	2	2
64	RACEWAY 24V	1171326	1	1	1
66	PANEL GAS	1171260	1	1	1
73	BRACKET (575V)	1171069	*	*	1
74	TRANS 240/480>120/240 1KVA	1171495	*	*	2
75	COVER ASY HEAT	1171394	1	1	1
77	SWITCH LMT 135-40	1171324	1	1	1
78	GUARD LIMIT SWITCH	1171271	1	1	1

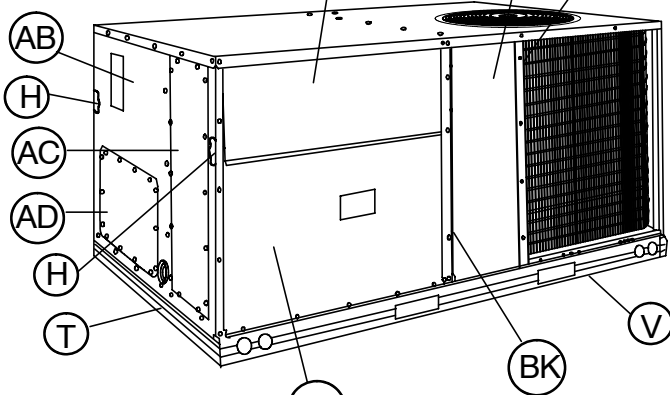
PGE150 PARTS LIST (continued)					
KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE150H250AA	PGE150L250AA	PGE150S250AA
80	FREEZE STAT O30 C45	1171252	1	1	1
81	BRACKET COIL (HEADER END)	1171070	1	1	1
82	PAN CONDENSATE	1171359	1	1	1
83	BRACKET COIL (HAIRPIN END)	1171119	1	1	1
84	FRAME ASY ECON TRACK	1171205	1	1	1
85	RETAINER FILTER	1171238	1	1	1
86	FILTER RETAINER	1171536	2	2	2
87	SUPPORT TRACK	1171472	1	1	1
88	FILTER AIR 20X20X2 DISP	1171231	4	4	4
89	RETAINER FILTER	1171239	1	1	1
91	SENSOR FLAME	1171449	1	1	1
92	IGNITOR	1171306	1	1	1
93	SUPPORT BURNER	1171094	1	1	1
94	BURNER ASY	1171095	2	2	2
95	BURNER ASY	1171087	3	3	3
96	ORIFICE MAIN 30	1171461	5	5	5
97	MANIFOLD ASY	1171328	1	1	1
98	VALVE N DSI 2STG WR 36C76470	1171263	*	1	1
99	BURNER ASY	1171090	1	1	1
100	BRACKET GAS VALVE	1171064	1	1	1
101	CHANNEL DUCT	1171112	1	1	1
102	INDUCER MOTOR ASY 230V	1171314	1	*	*
102	INDUCER MOTOR ASY 460V	1171315	*	1	1
103	HOUSING FAN	1171301	1	1	1
104	SWITCH LMT 195-80	1171325	1	1	1
105	SUPPORT BURNER	1171473	1	1	1
106	MTR VNT 1/460 1/16	1171347	*	1	1
106	MTR VNT 1/230 1/16HP	1171348	1	*	*
107	FAN C 3.25" 12B 5/16" INT	1171222	1	1	1
108	WHEEL SI5.75x.938x5/16 CCW	1171049	1	1	1
109	ANGLE	1171012	1	1	1
110	HT EX 5S	1171288	1	1	1
111	GASKET	1171264	1	1	1
112	REGULATOR EXHAUST	1171432	1	1	1
113	RETAINER FLAME	1171247	1	1	1
116	DRIER 08 CI 3/8" IN & OUT	1171555	2	2	2
117	COIL COND	1171129	1	1	1
117	COIL COND	1171538	1	1	1
118	COIL EVAP	1171123	1	1	1
121	SWITCH PRESS HI O426 C320	1171303	2	2	2
122	SWITCH PRESS LO O07 C22	1171412	2	2	2
123	BOLT HEX HEAD COMPRESSOR MTG	1171056	8	8	8
124	GROMMET COMPRESSOR 1.62"DIA	1171270	8	8	8
125	COMP ZR68KC-TF5-950	1171559	2	*	*
125	COMP ZR68KC-TFD-950	1171560	*	2	*
125	COMP ZR68KC-TFE-950	1171561	*	*	2
127	CONTROL BOX	1171059	1	1	1
129	PANEL	1171373	1	1	1
130	CONTACTOR 2P 20A 24V	1171160	*	3	3
130	CONTACTOR 2P 30A 24V	1171554	2	*	*
131	RELAY 24V DPDT R8222D1121	1171435	1	1	*
132	CONTACTOR 2P 20A 24V	1171160	1	*	*
133	MODULE IGN UT 1068-12	1171165	*	1	1
133	MODULE IGN UT 1068-11	1171166	1	*	*
134	FUSE	1171099	1	1	1

PGE150 PARTS LIST (continued)					
KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE150H250AA	PGE150L250AA	PGE150S250AA
135	BOARD TERMINAL LO VOLT 8P	1171488	1	1	1
136	BREAKER 3.2A 1 POLE 250V	1171114	1	1	1
137	TRANS 200/230/460>24 75VA	1171496	1	1	1
138	CLAMP	1171537	1	1	1
139	CAP RN OV 370V 10+10	1171105	1	1	1
263	VALVE N DSI 2STG WR 36C76470	1171263	1	*	*
103A	INSULATION	1171317	1	1	1
110A	SUPPORT HEAT EXCH	1171469	1	1	1
112A	GASKET REGULATOR	1171265	1	1	1
44A	SEAL DRAIN LINE SQUARE	1171202	1	1	1
PARTS NOT SHOWN					
	BURNER ASY OUTER W/DIMPLE	1171088	1	1	1
	CAP FLARE	1171101	8	8	8
	BOOT CAPACITOR SINGLE OVAL	1171106	1	1	1
	CAP RN OV 370V 4	1171107	1	1	1
	COVER CONTROL	1171169	1	1	1
	PARTITION GAS	1171261	1	1	1
	HOUSING PLUG	1171302	1	1	1
	INSULATION	1171318	1	1	1
	KEY SHAFT 1/4X1/4X1-3/4	1171322	1	1	1
	PANEL	1171374	1	1	1
	PANEL	1171387	*	*	1
	PLUG	1171401	1	1	1
	PLUG ASSEMBLY ECONOMIZER	1171405	1	1	1
	RECEPTACLE	1171430	1	1	1
	RELAY SENSING	1171434	2	2	2
	SENSOR HALL EFFECT	1171450	1	1	1
	SHIELD	1171453	2	2	2
	SUPPORT	1171466	1	1	1
	FITTING ACCESS	1171507	2	2	2
	CORE VALVE	1171508	8	8	8
	WIRE HARNESS	1171520	1	1	*
	WIRING ASS'Y. PLUG	1171523	1	1	1
	WIRING HARNESS	1171525	1	1	1
	BELT DRIVE FAN PARTS (ALT)	1171534	1	*	*
	BELT DRIVE FAN PARTS (ALT)	1171535	*	1	1
	CLAMP CAPACITOR OVAL	1171552	1	1	1
	PANEL FILTER ACCESS	1171789	1	*	*
	PANEL FILTER ACCESS	1171790	*	1	*
	WIRE HARNESS	1171891	1	1	1
	WIRING KIT	1171894	1	1	1
	WIRE HARNESS ASY	1173199	1	1	1
	CONV KIT NAT>LP	AXB345LPA	1	1	1

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

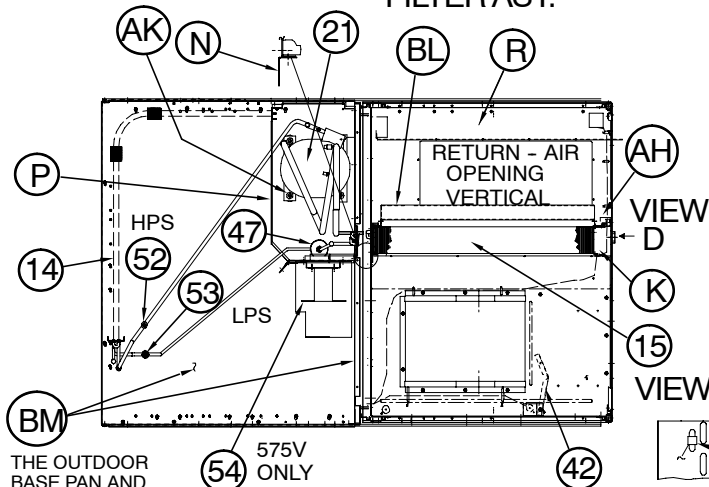


FRONT VIEW

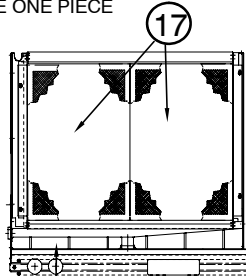


REAR VIEW

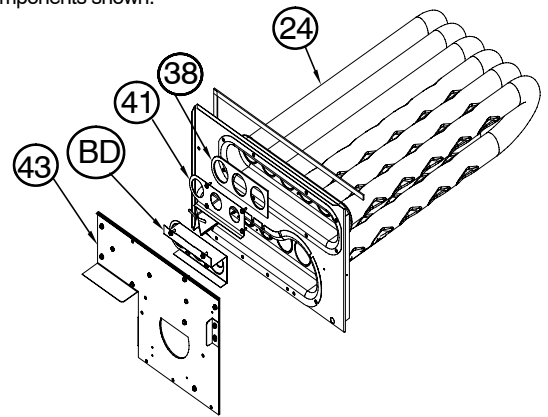
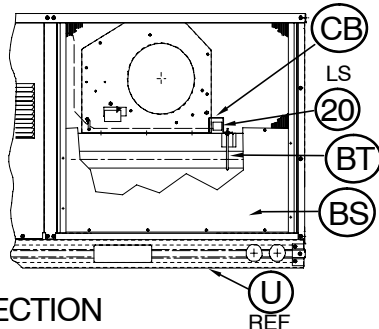
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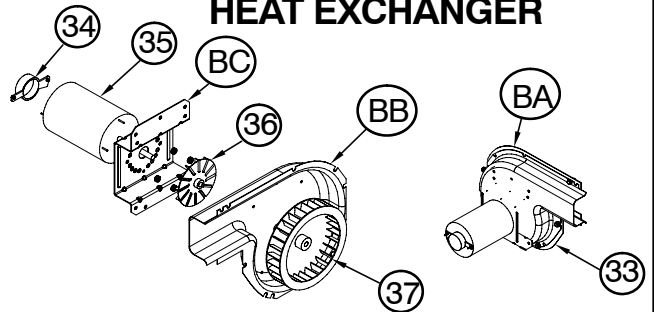
THE OUTDOOR
BASE PAN AND
CENTER PANEL
ARE ONE PIECE



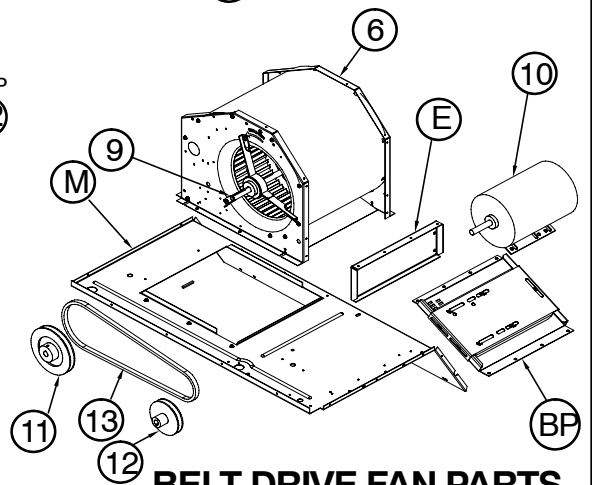
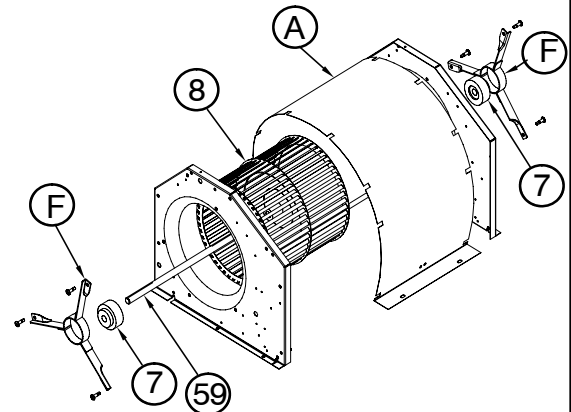
FILTER SECTION



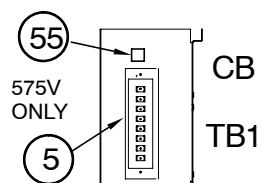
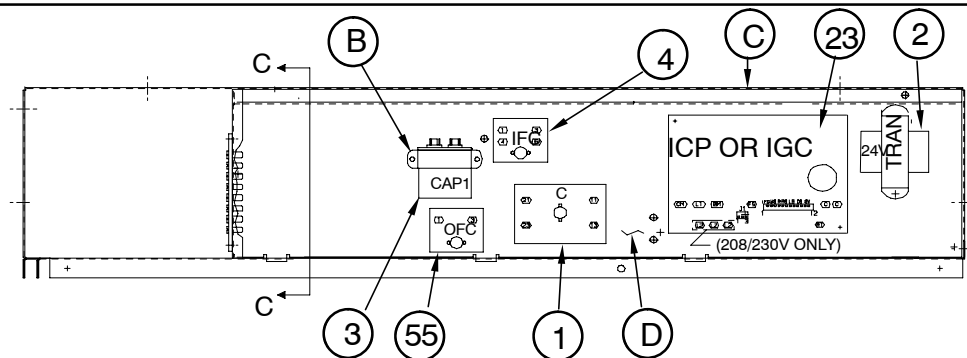
HEAT EXCHANGER



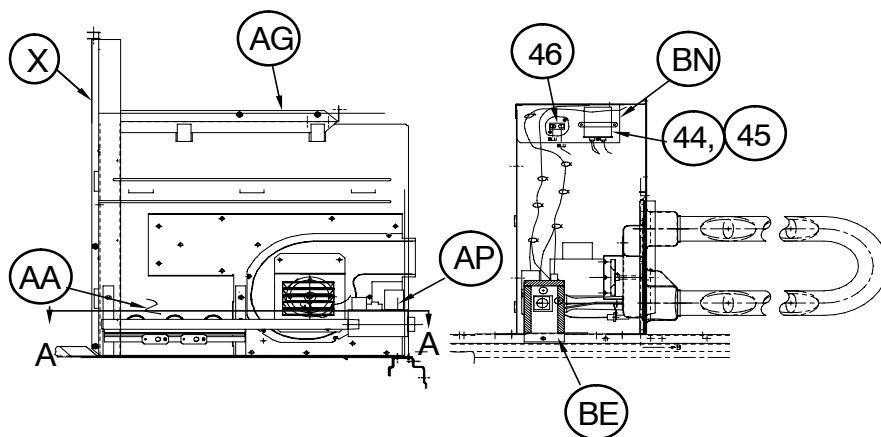
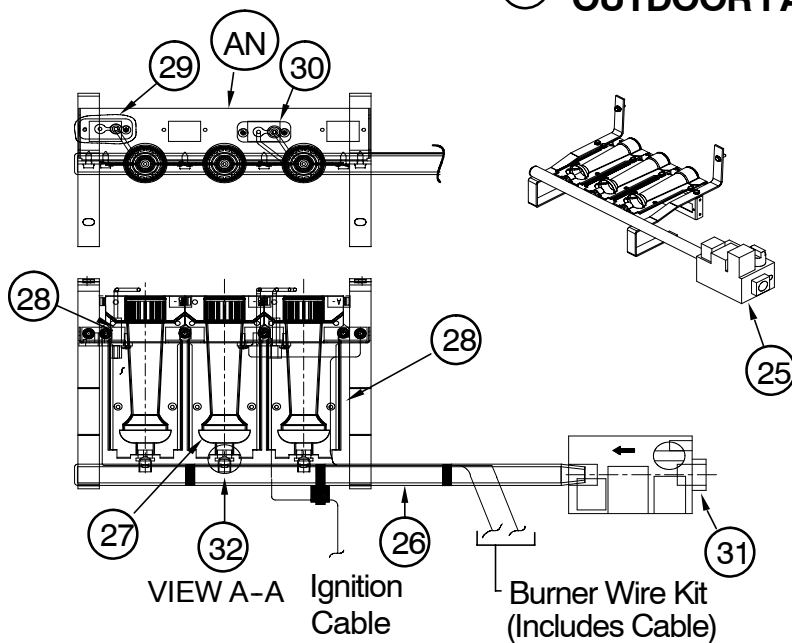
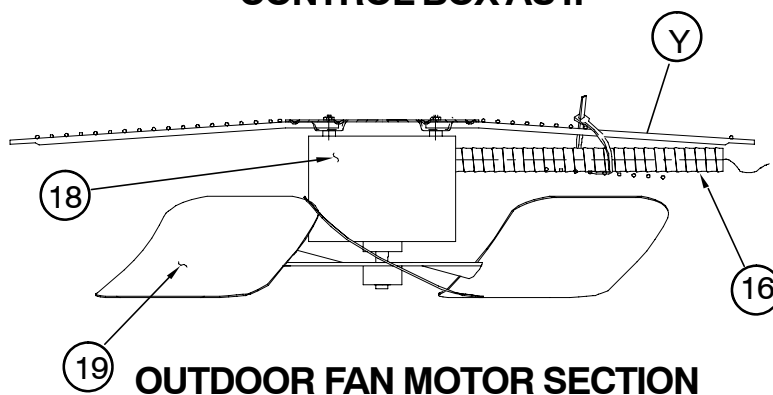
INDUCED DRAFT MOTOR



BELT DRIVE FAN PARTS

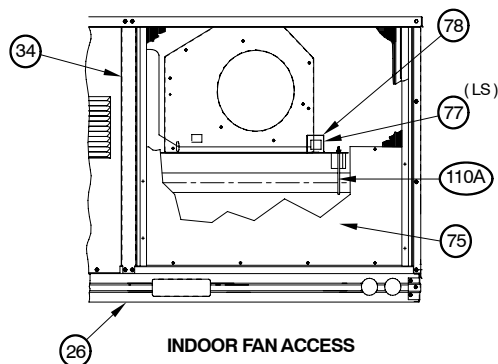
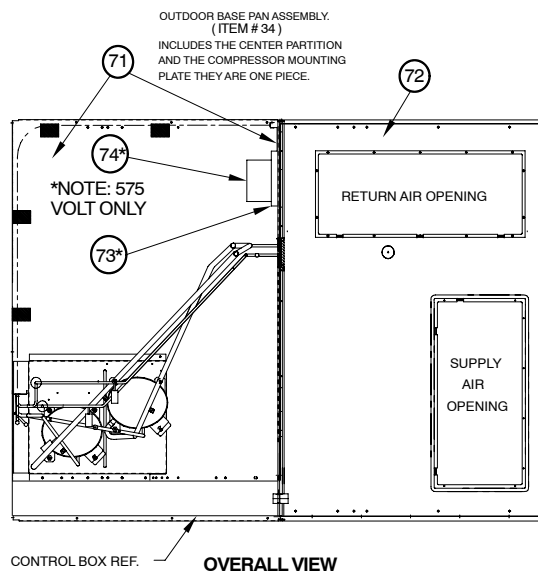
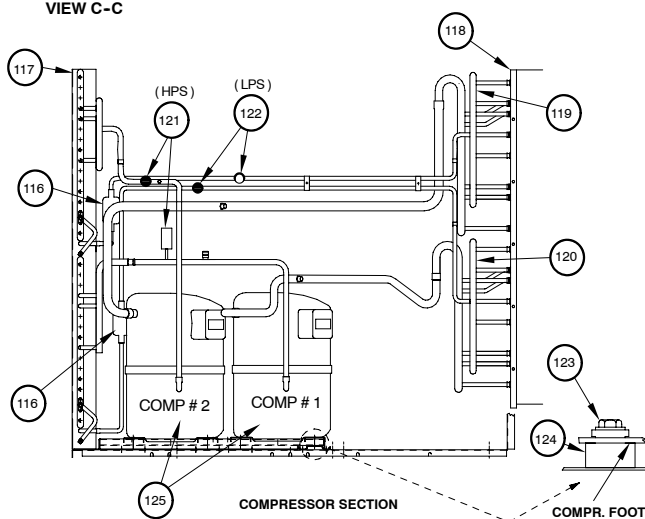
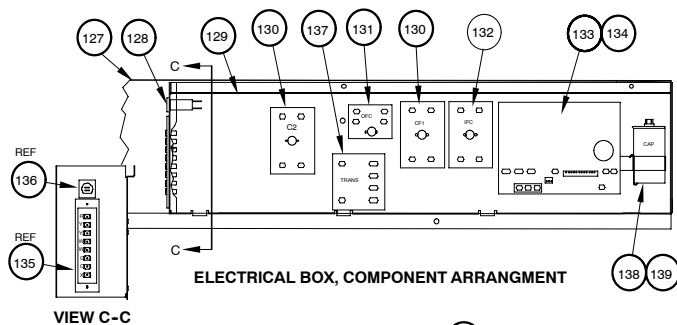
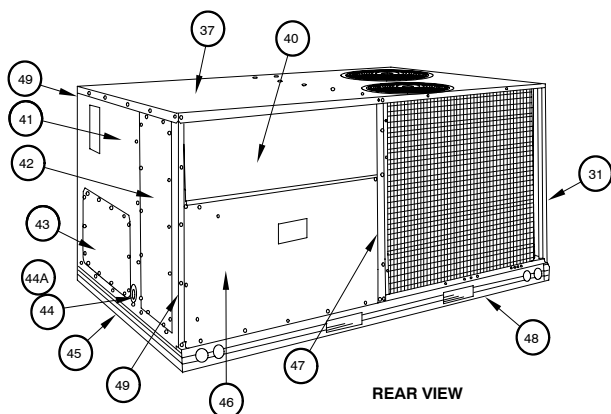
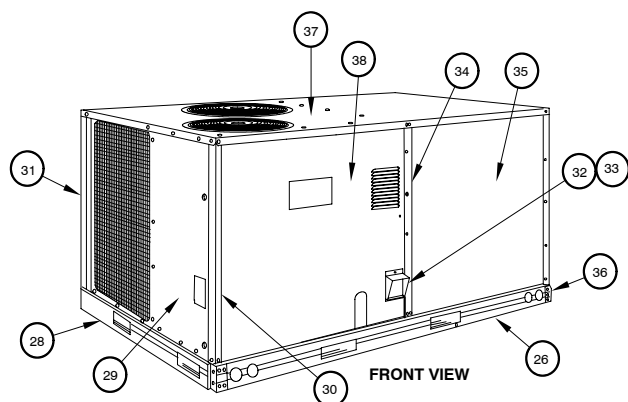
**VIEW C-C****CONTROL BOX ASY.**

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

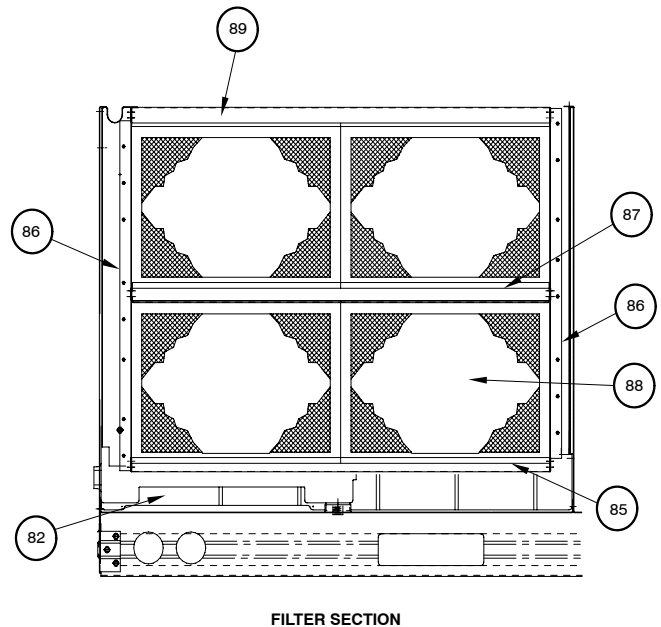
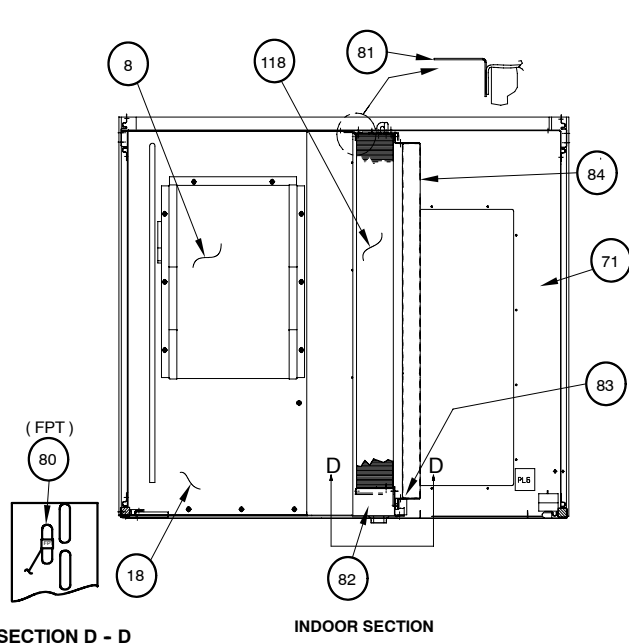
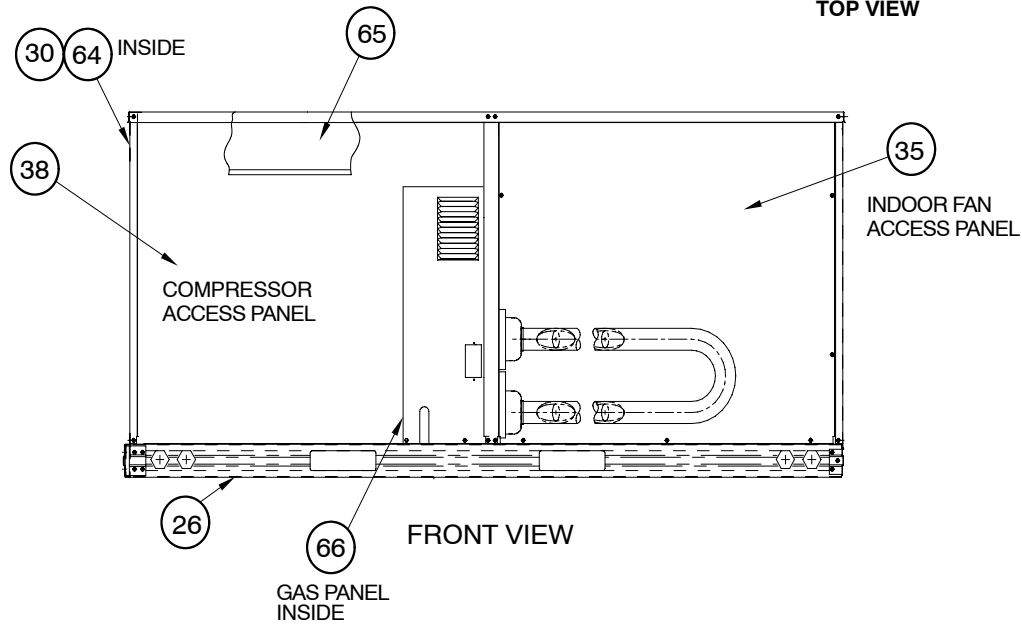
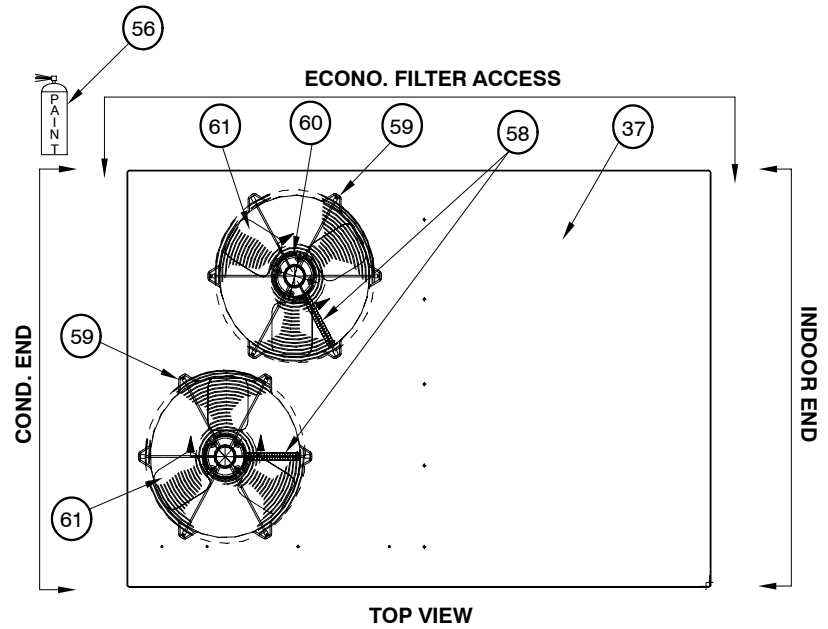


PGE090,120,150

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

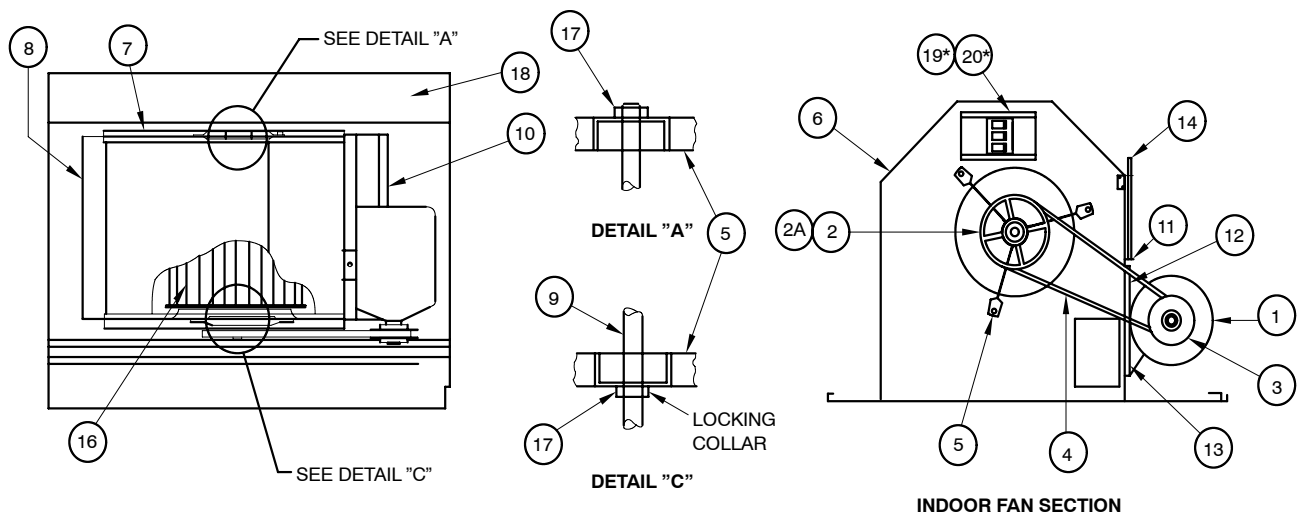
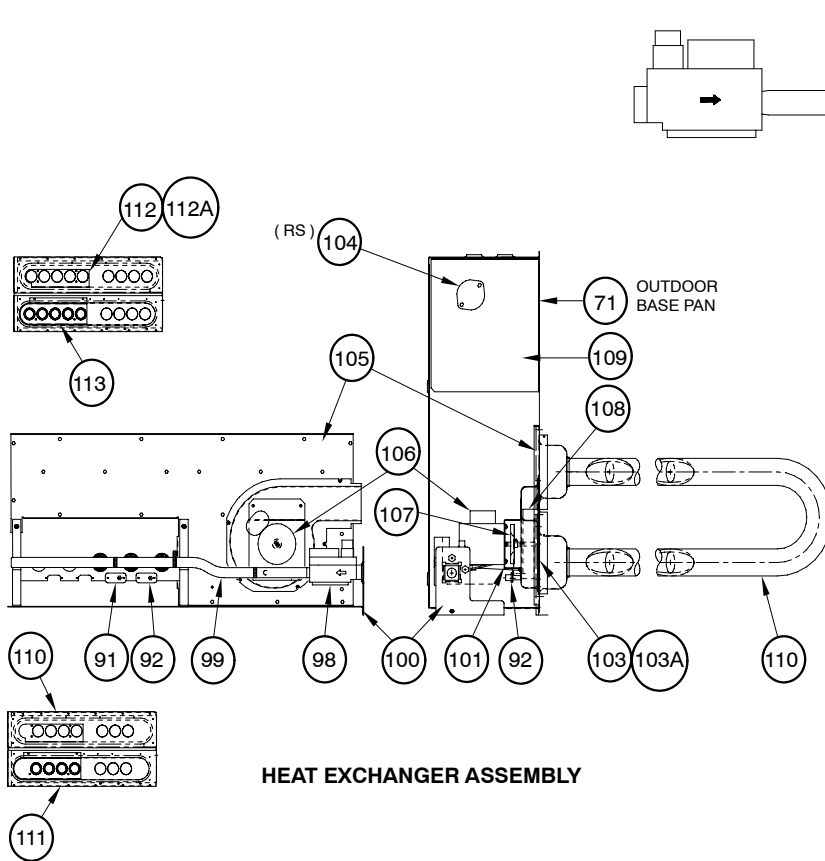
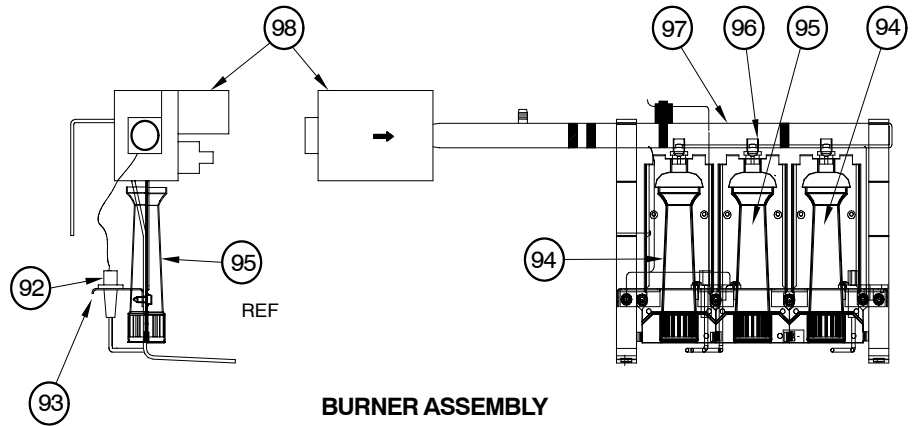


NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.



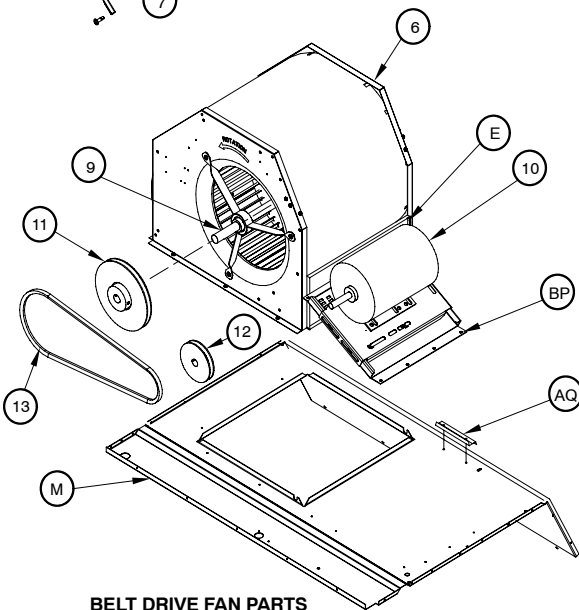
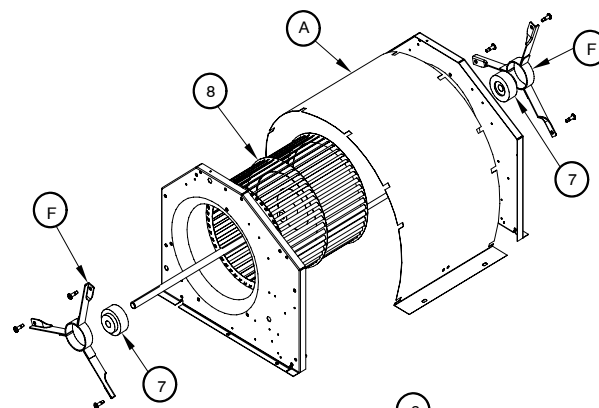
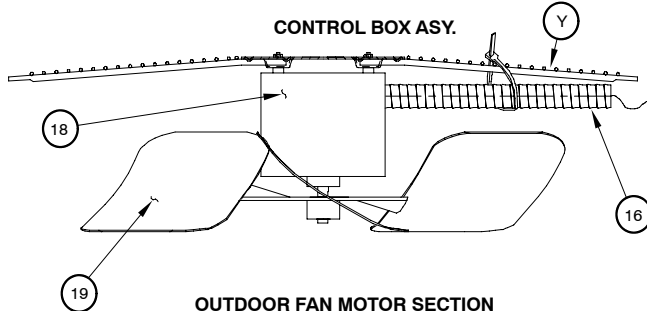
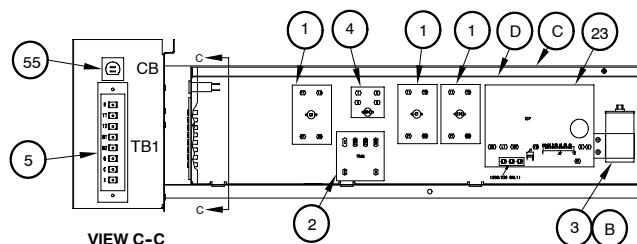
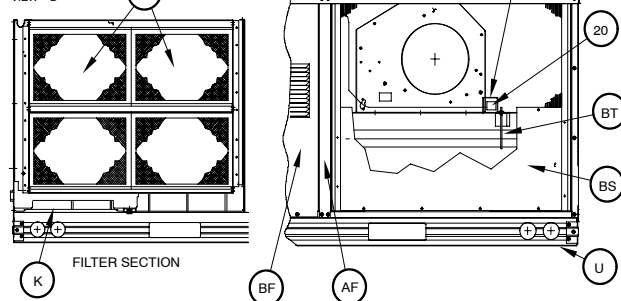
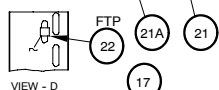
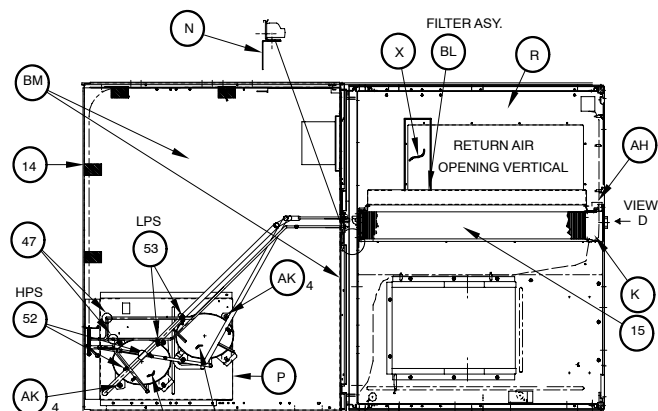
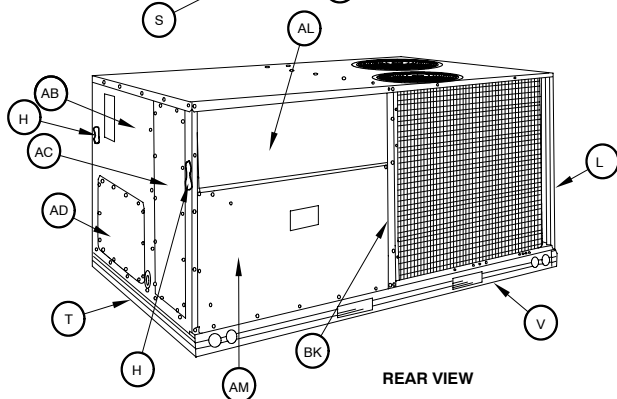
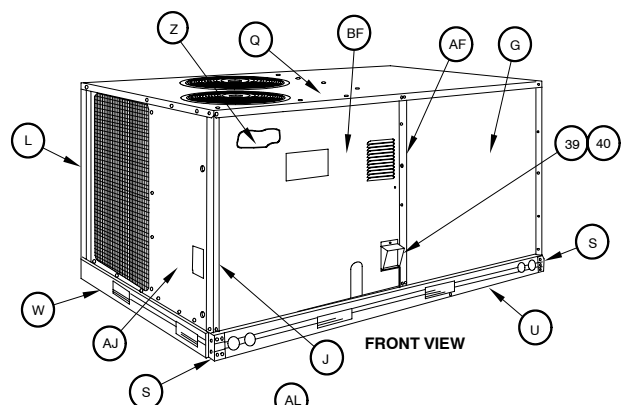
PGE090,120,150

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



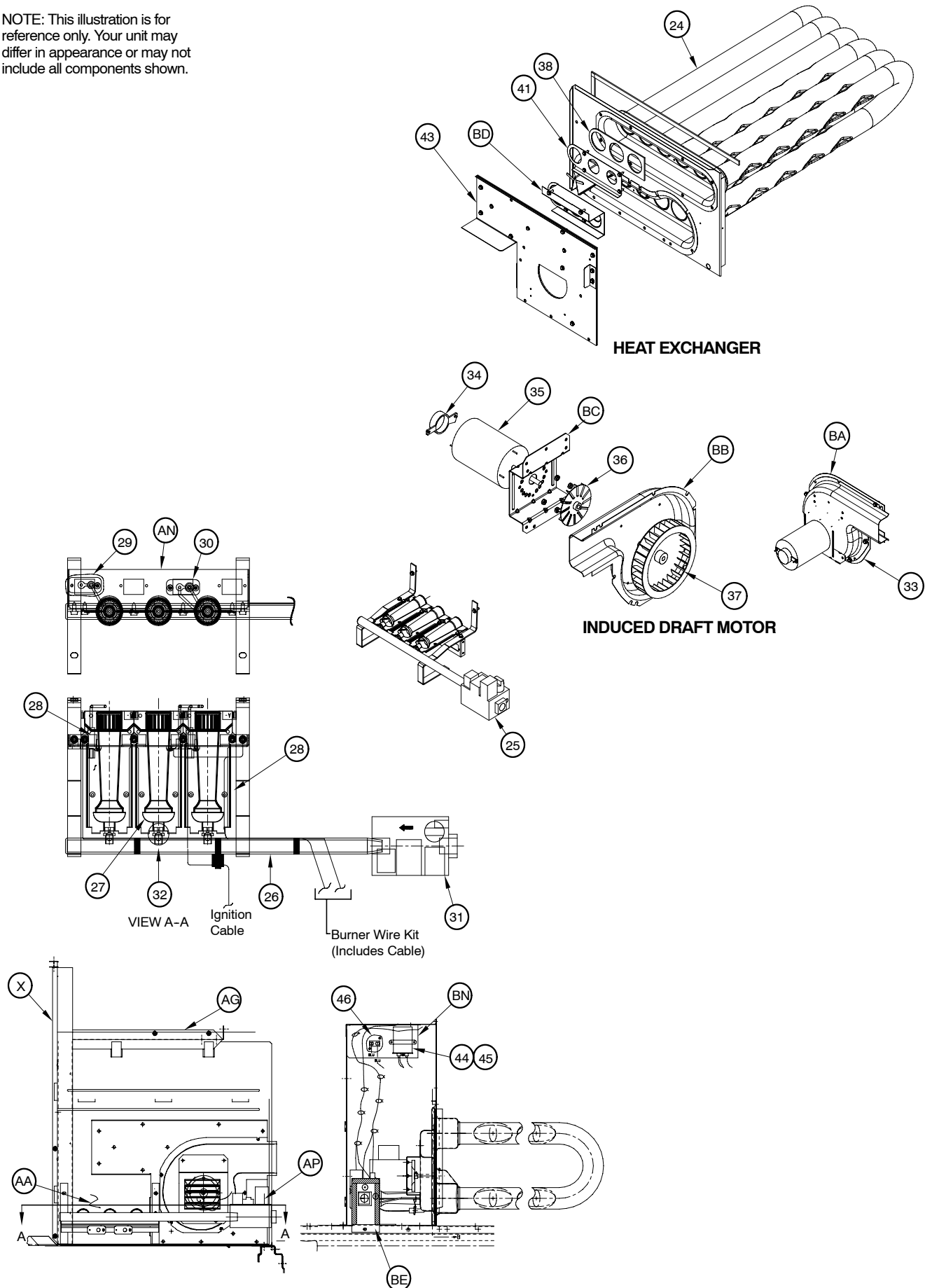
PGE102

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

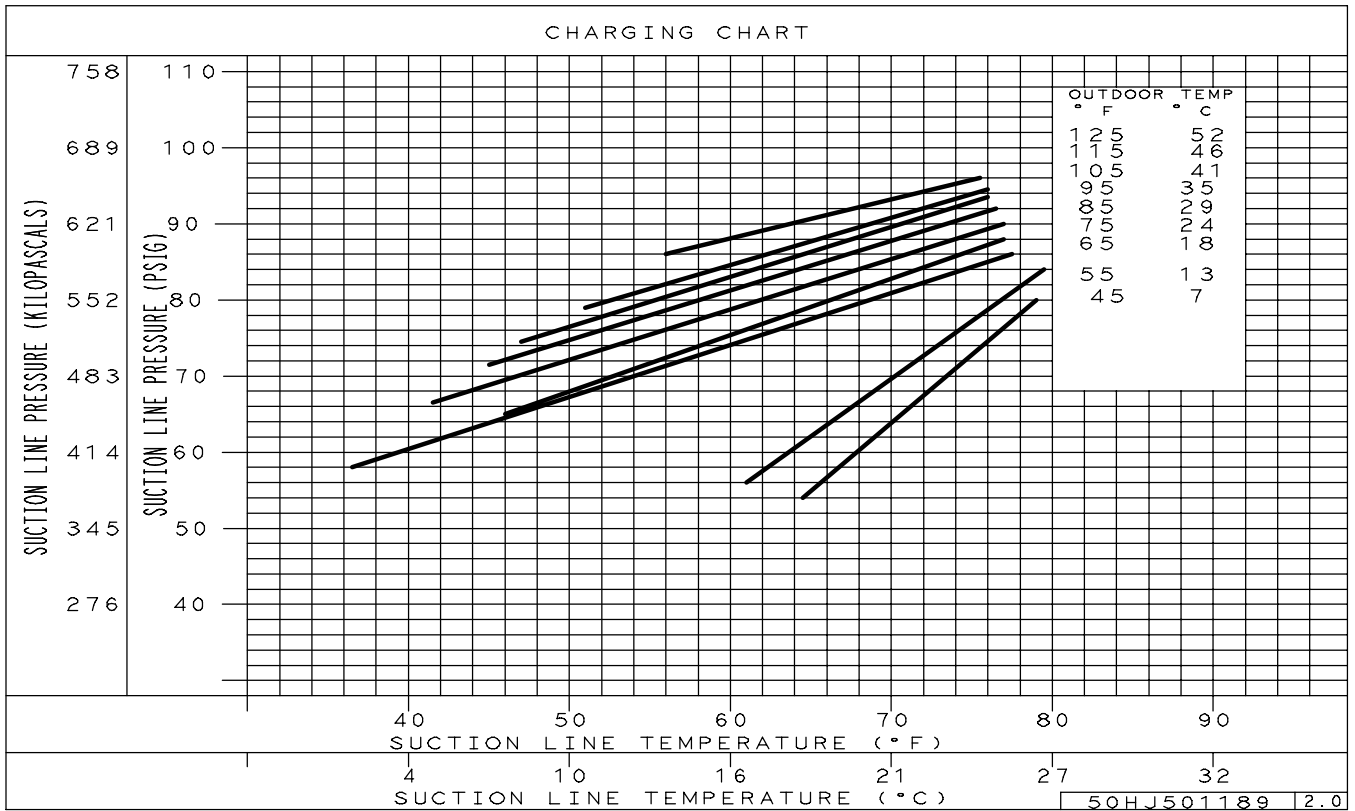


PGE102

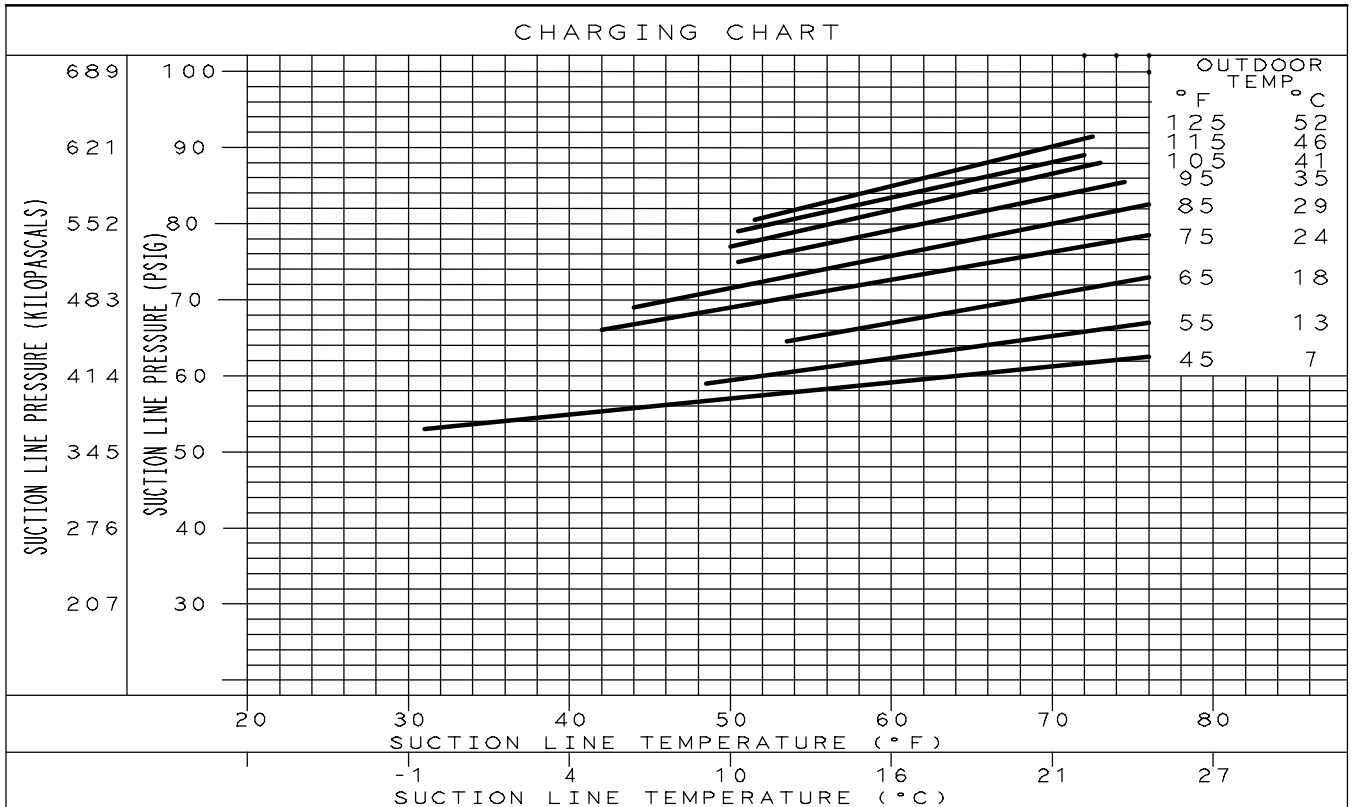
NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.



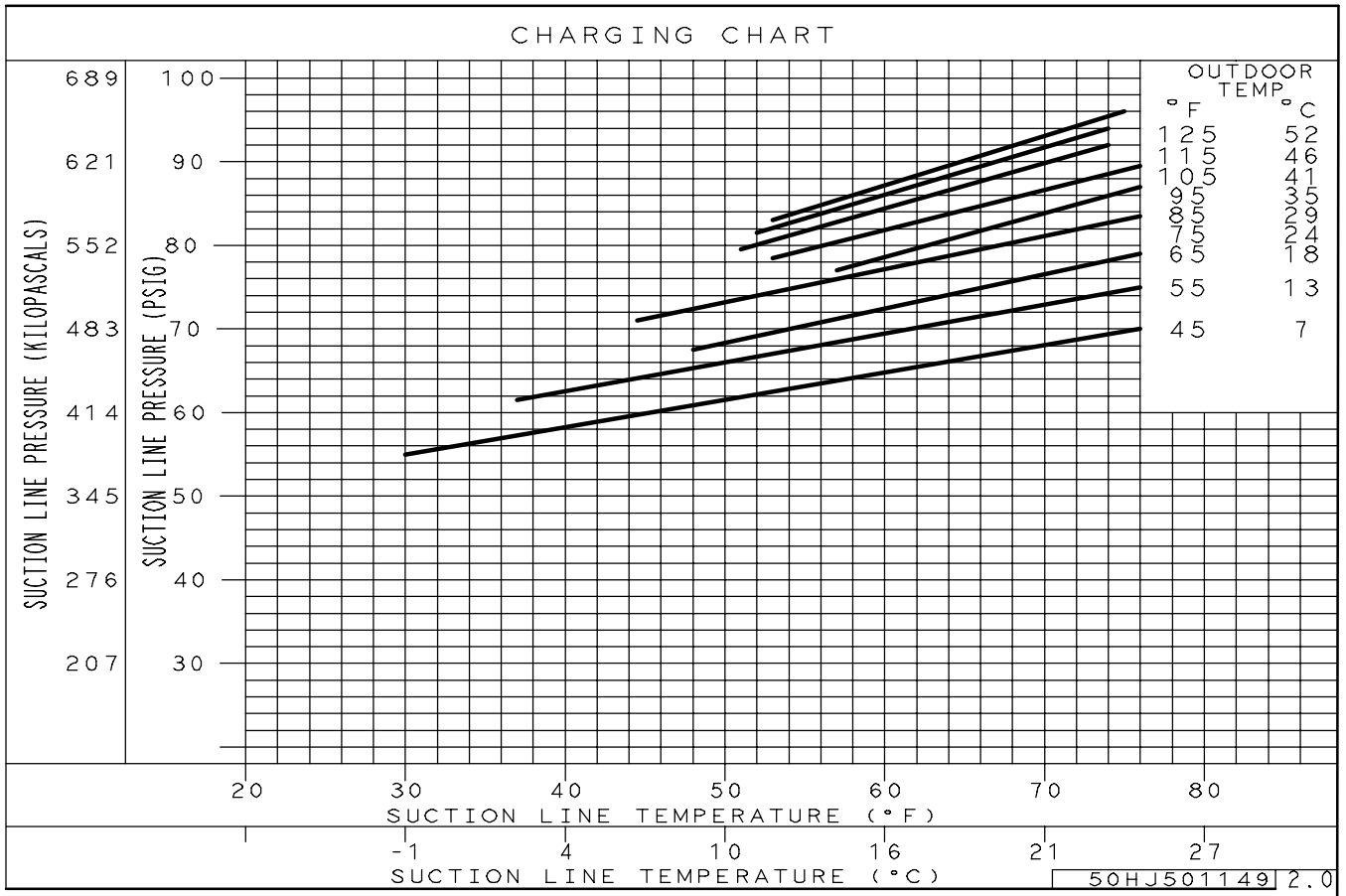
PGE 072



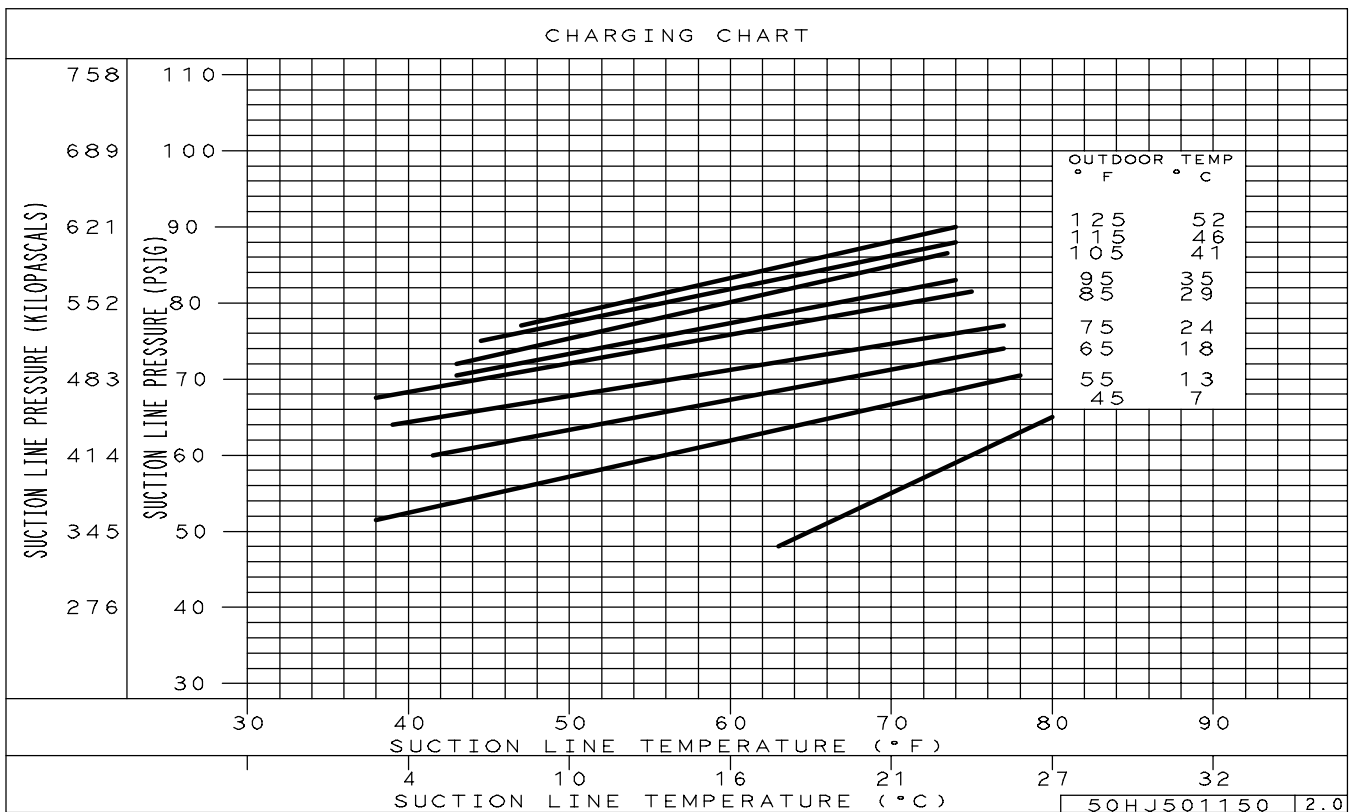
PGE 090 (CIRCUIT #1)



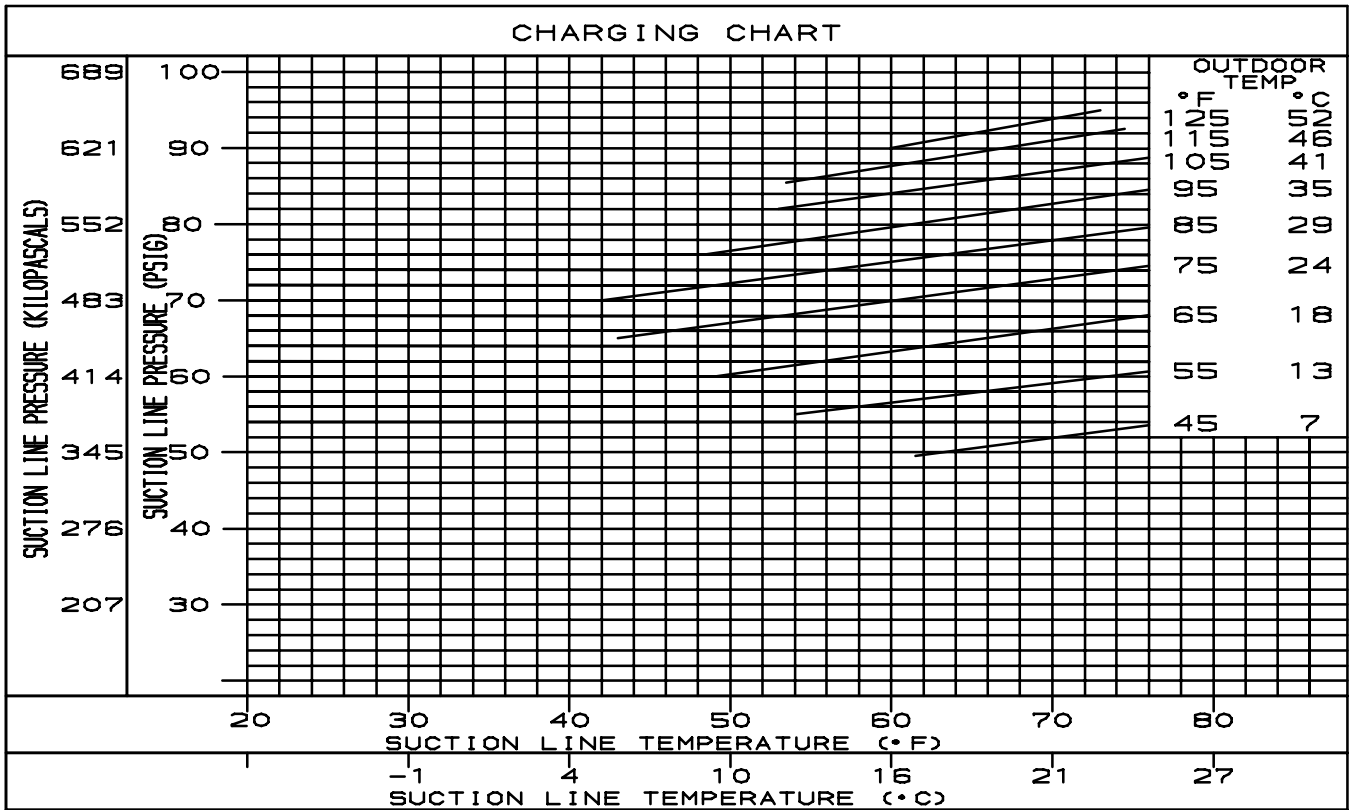
PGE 090 (CIRCUIT #2)



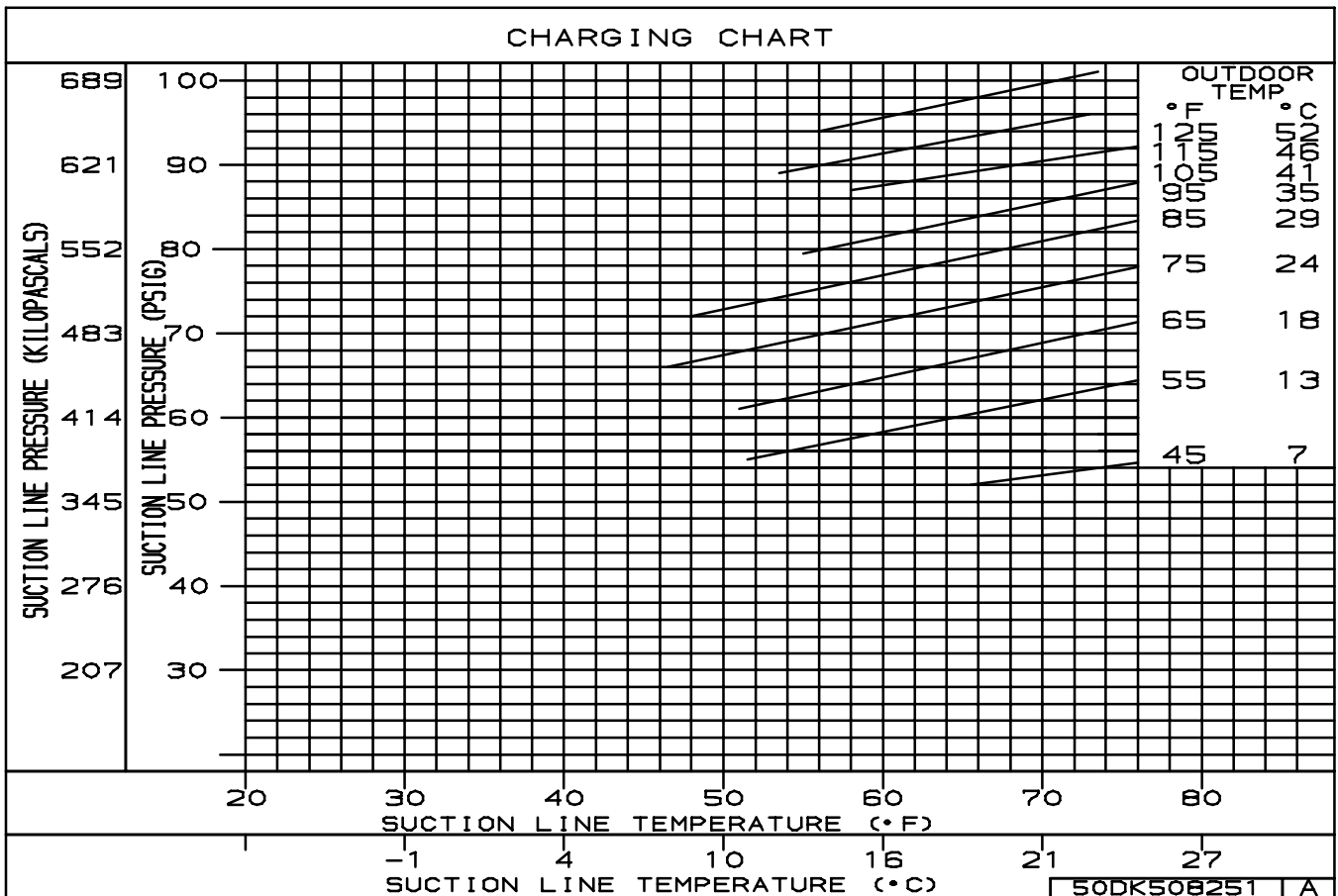
PGE 102 (CIRCUIT #1 & #2)



PGE 120 (CIRCUIT #1)

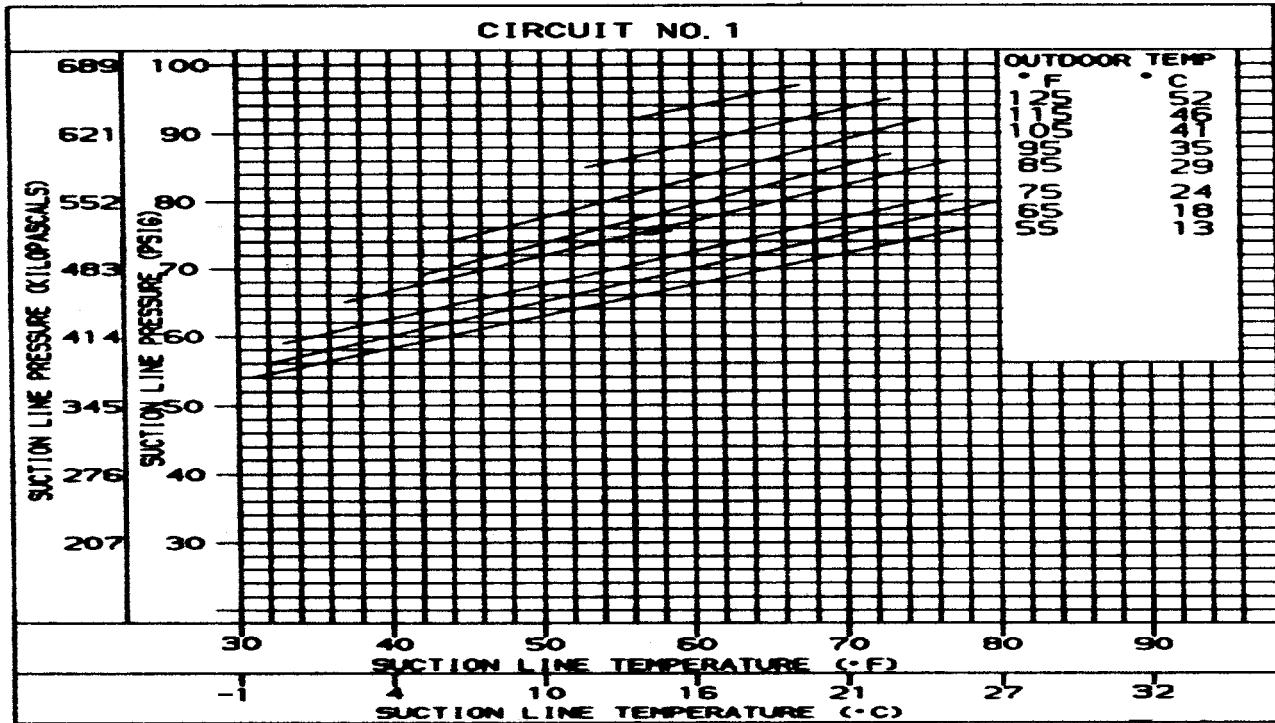


PGE120 (CIRCUIT #2)

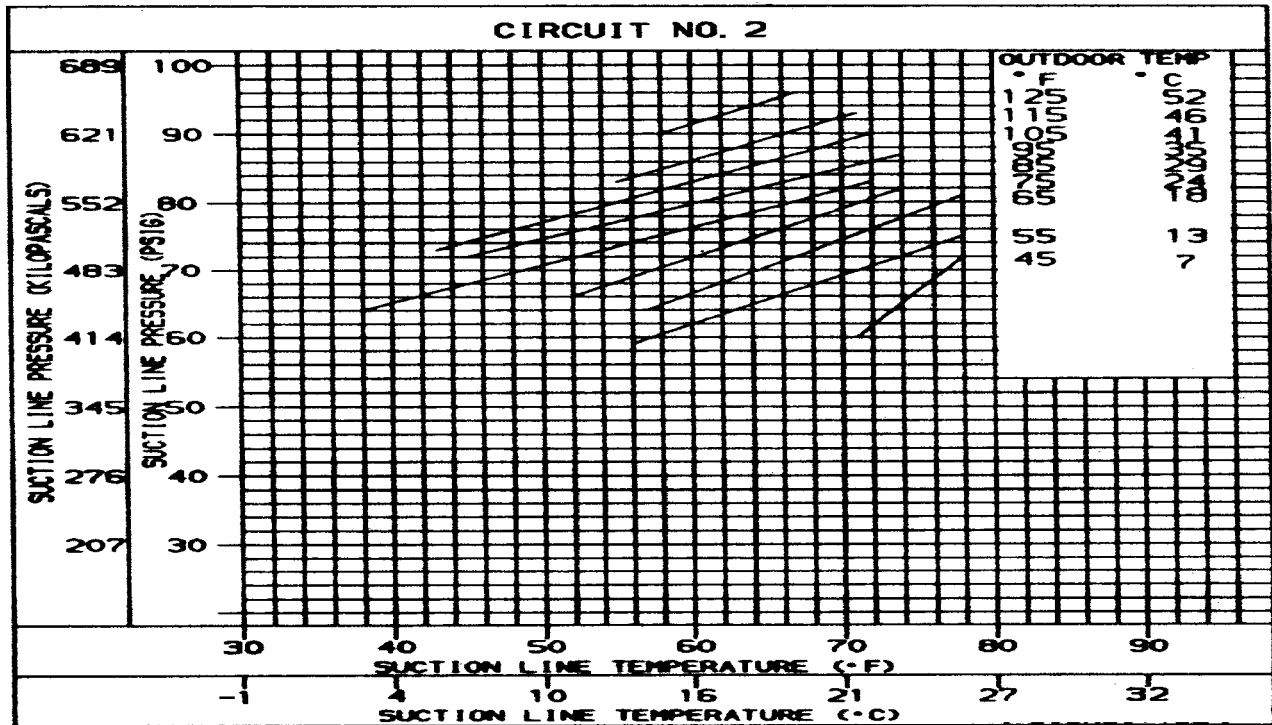


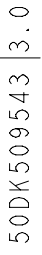
PGE 120 (CIRCUIT #1)

PGE150 (CIRCUIT #1)



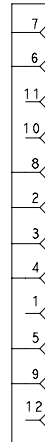
PGE150 (CIRCUIT #2)





ECONOMIZER WIRING (FIELD CONNECTED)

PL 6-R
FOR ECON
UNIT



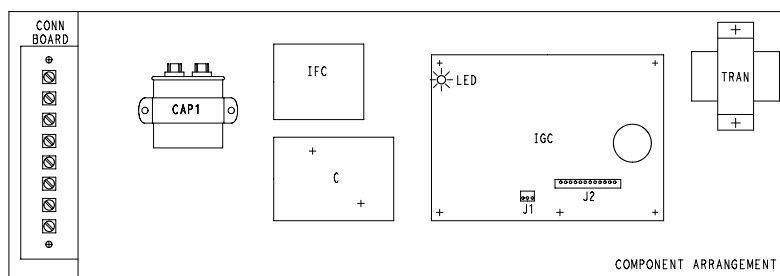
NOTES

1. IF ANY OF THE ORIGINAL WIRE FURNISHED MUST BE REPLACED. IT MUST BE REPLACED WITH TYPE 90 C WIRE OR ITS EQUIVALENT.
2. COMPRESSOR AND FAN MOTORS ARE THERMALLY PROTECTED. THREE PHASE MOTORS ARE PROTECTED AGAINST PRIMARY SINGLE PHASING CONDITIONS.
3. TRAN IS WIRED FOR 230V UNIT. IF UNIT IS TO BE RUN WITH 208V POWER SUPPLY DISCONNECT BLK WIRE FROM 230V TAP (ORN) AND CONNECT TO 208V TAP (RED). INSULATE END OF 230V WIRE.
4. USE COPPER CONDUCTORS ONLY.

LEGEND

- FIELD SPICE
- MARKED WIRE
- TERMINAL (MARKED)
- TERMINAL (UNMARKED)
- TERMINAL BLOCK
- SPLICE
- SPLICE (MARKED)
- FACTORY WIRING
- FIELD CONTROL WIRING
- FIELD POWER WIRING
- ACCESSORY OR OPTIONAL WIRING
-

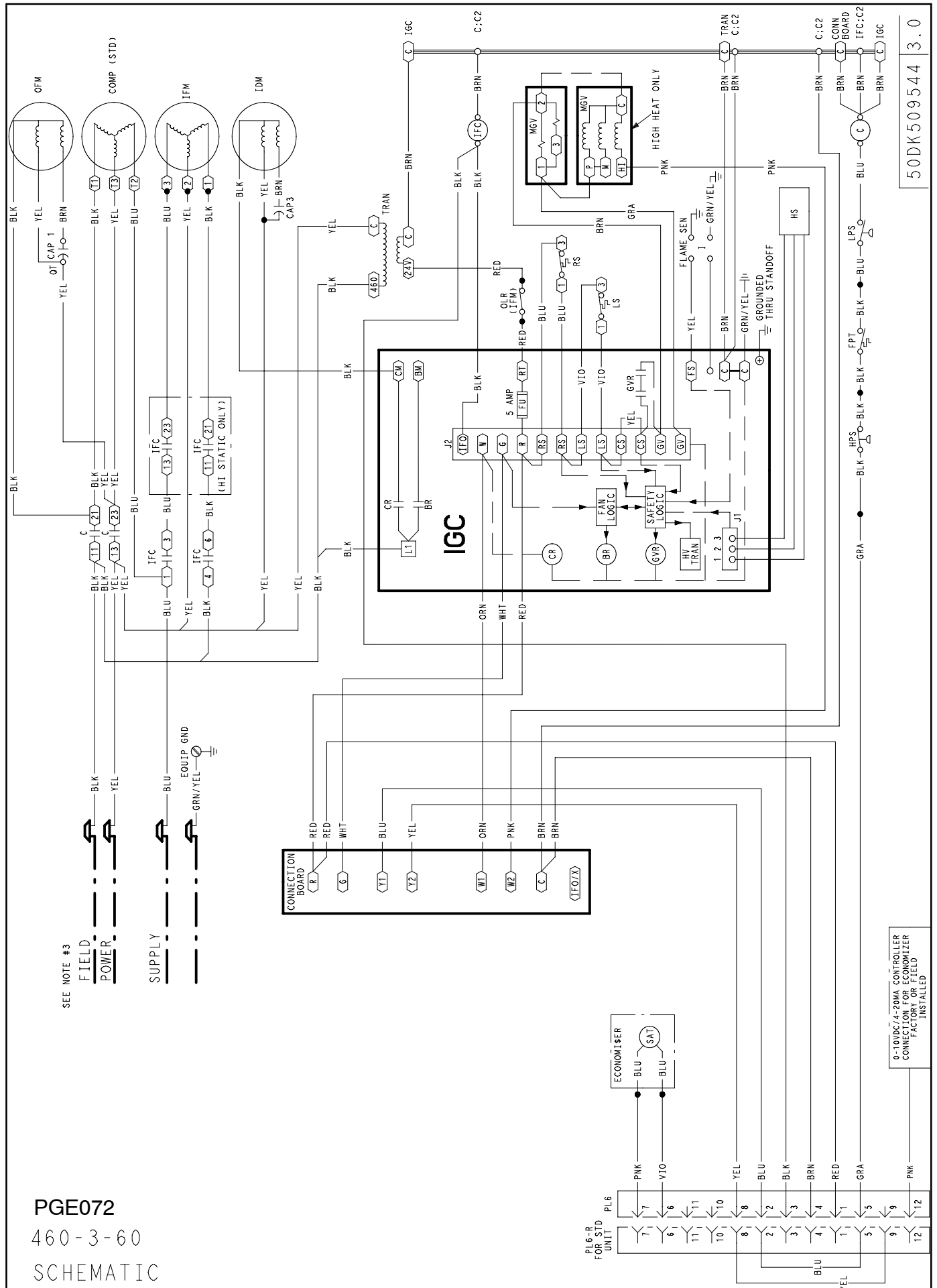
- C CONTACTOR, COMPRESSOR
- CAP CAPACITOR
- CLO COMPRESSOR LOCKOUT
- COMP COMPRESSOR MOTOR
- EQUIP EQUIPMENT
- FPT FREEZE UP PROTECTION THERMOSTAT
- FSS FILTER STATUS SWITCH
- FU FUSE
- GND GROUND
- HPS HIGH PRESSURE SWITCH
- HS HALL EFFECT SENSOR
- I IGNITOR
- IAQ INDOOR AIR QUALITY SENSOR
- IARH INDOOR AIR RELATIVE HUMIDITY SEN.
- IDM INDUCED DRAFT MOTOR
- IFM INDOOR FAN MOTOR
- IGC INTEGRATED GAS UNIT CONTROLLER
- LA LOW AMBIENT LOCKOUT
- LPS LOW PRESSURE SWITCH
- LS LIMIT SWITCH
- MGV MAIN GAS VALVE
- OARH OUTDOOR AIR RELATIVE HUMIDITY SEN.
- OAT OUTDOOR AIR TEMP. SEN.
- OFM OUTDOOR FAN MOTOR
- OLR OVERLOAD RELAY
- P PLUG
- PL PLUG ASSEMBLY
- POT POTENTIOMETER
- QT QUADRUPLE TERMINAL
- RAT RETURN AIR TEMP. SEN.
- RS ROLLOUT SWITCH
- SAT SUPPLY AIR TEMP. SEN.
- TRAN TRANSFORMER



PGE072

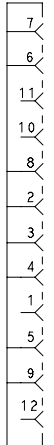
208/230-3-60

COMPONENT ARRANGEMENT



ECONOMIZER WIRING (FIELD CONNECTED)

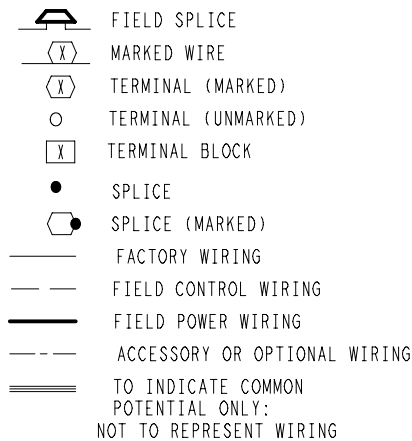
PL6-R
FOR ECON
UNIT



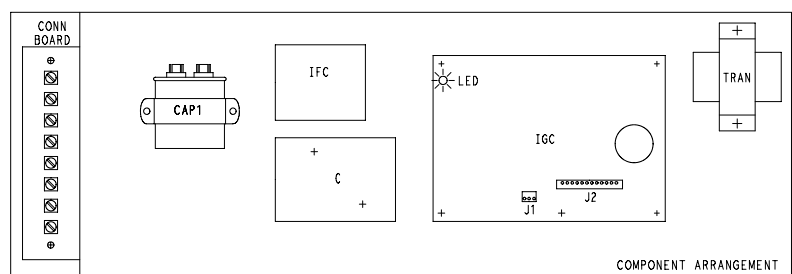
NOTES

1. IF ANY OF THE ORIGINAL WIRE FURNISHED MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE 90 C WIRE OR ITS EQUIVALENT.
2. COMPRESSOR AND FAN MOTORS ARE THERMALLY PROTECTED. THREE PHASE MOTORS ARE PROTECTED AGAINST PRIMARY SINGLE PHASING CONDITIONS.
3. USE COPPER CONDUCTORS ONLY.

LEGEND



C	CONTACTOR, COMPRESSOR
CAP	CAPACITOR
CLO	COMPRESSOR LOCKOUT
COMP	COMPRESSOR MOTOR
EQUIP	EQUIPMENT
FPT	FREEZE UP PROTECTION THERMOSTAT
FSS	FILTER STATUS SWITCH
FU	FUSE
GND	GROUND
HPS	HIGH PRESSURE SWITCH
HS	HALL EFFECT SENSOR
I	IGNITOR
IAQ	INDOOR AIR QUALITY SENSOR
IARH	INDOOR AIR RELATIVE HUMIDITY SEN.
IDM	INDUCED DRAFT MOTOR
IFM	INDOOR FAN MOTOR
IGC	INTEGRATED GAS UNIT CONTROLLER
LA	LOW AMBIENT LOCKOUT
LPS	LOW PRESSURE SWITCH
LS	LIMIT SWITCH
MGV	MAIN GAS VALVE
OARH	OUTDOOR AIR RELATIVE HUMIDITY SEN.
OAT	OUTDOOR AIR TEMP. SEN.
OFM	OUTDOOR FAN MOTOR
OLR	OVERLOAD RELAY
P	PLUG
PL	PLUG ASSEMBLY
POT	POTENTIOMETER
QT	QUADRUPLE TERMINAL
RAT	RETURN AIR TEMP. SEN.
RS	ROLLOUT SWITCH
SAT	SUPPLY AIR TEMP. SEN.
TRAN	TRANSFORMER



COMPONENT ARRANGEMENT

PGE072

460-3-60



ECONOMIZER WIRING (FIELD CONNECTED)

PL 6-R
FOR ECON
UNIT

7
6
11
10
8
2
3
4
1
5
9
12

CIRCUIT BREAKER	VOLTS	MFG. PT. NO.	MUST TRIP AMPS
CB	24V	POTTER & BRUMFIELD W28-X1075-3.2	3.2

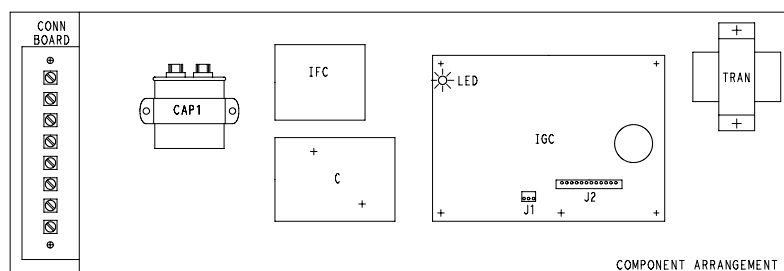
NOTES

1. IF ANY OF THE ORIGINAL WIRE FURNISHED MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE 90 C WIRE OR ITS EQUIVALENT.
2. COMPRESSOR AND FAN MOTORS ARE THERMALLY PROTECTED. THREE PHASE MOTORS ARE PROTECTED AGAINST PRIMARY SINGLE PHASING CONDITIONS.
3. USE COPPER CONDUCTOR ONLY.

LEGEND

-  FIELD SPLICE
-  MARKED WIRE
-  TERMINAL (MARKED)
-  TERMINAL (UNMARKED)
-  TERMINAL BLOCK
-  SPLICE
-  SPLICE (MARKED)
-  FACTORY WIRING
-  FIELD CONTROL WIRING
-  FIELD POWER WIRING
-  ACCESSORY OR OPTIONAL WIRING
-  TO INDICATE COMMON POTENTIAL ONLY:
-  NOT TO REPRESENT WIRING

- C CONTACTOR, COMPRESSOR
- CAP CAPACITOR
- CLO COMPRESSOR LOCKOUT
- COMP COMPRESSOR MOTOR
- EQUIP EQUIPMENT
- FPT FREEZE UP PROTECTION THERMOSTAT
- FSS FILTER STATUS SWITCH
- FU FUSE
- GND GROUND
- HPS HIGH PRESSURE SWITCH
- HS HALL EFFECT SENSOR
- I IGNITOR
- IAQ INDOOR AIR QUALITY SENSOR
- IARH INDOOR AIR RELATIVE HUMIDITY SEN.
- IDM INDUCED DRAFT MOTOR
- IFM INDOOR FAN MOTOR
- IGC INTEGRATED GAS UNIT CONTROLLER
- LA LOW AMBIENT LOCKOUT
- LPS LOW PRESSURE SWITCH
- LS LIMIT SWITCH
- MGV MAIN GAS VALVE
- OARH OUTDOOR AIR RELATIVE HUMIDITY SEN.
- OAT OUTDOOR AIR TEMP. SEN.
- OFM OUTDOOR FAN MOTOR
- OLR OVERLOAD RELAY
- P PLUG
- PL PLUG ASSEMBLY
- POT POTENTIOMETER
- QT QUADRUPLE TERMINAL
- RAT RETURN AIR TEMP. SEN.
- RS ROLLOUT SWITCH
- SAT SUPPLY AIR TEMP. SEN.
- TRAN TRANSFORMER

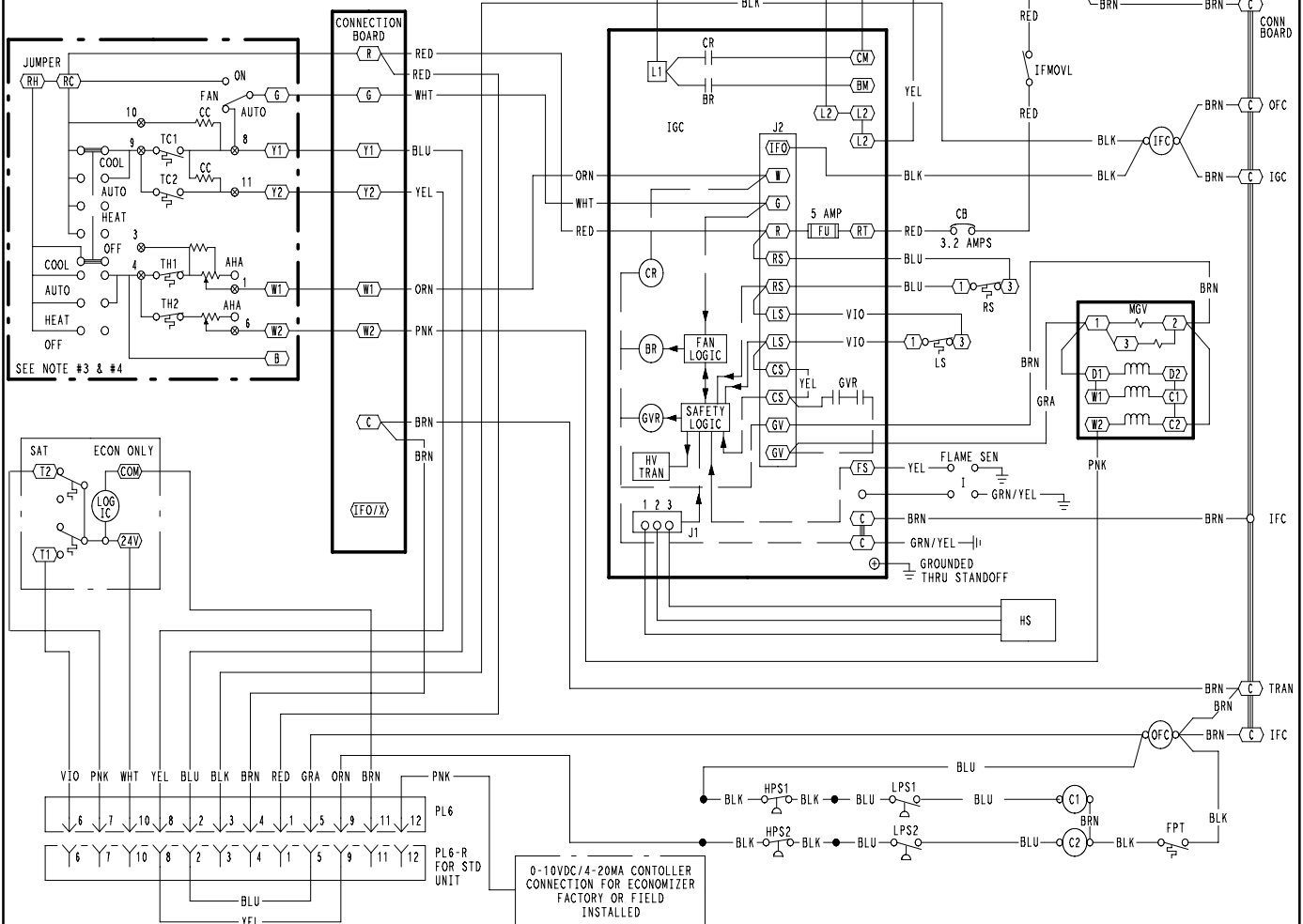


PGE072
575-3-60

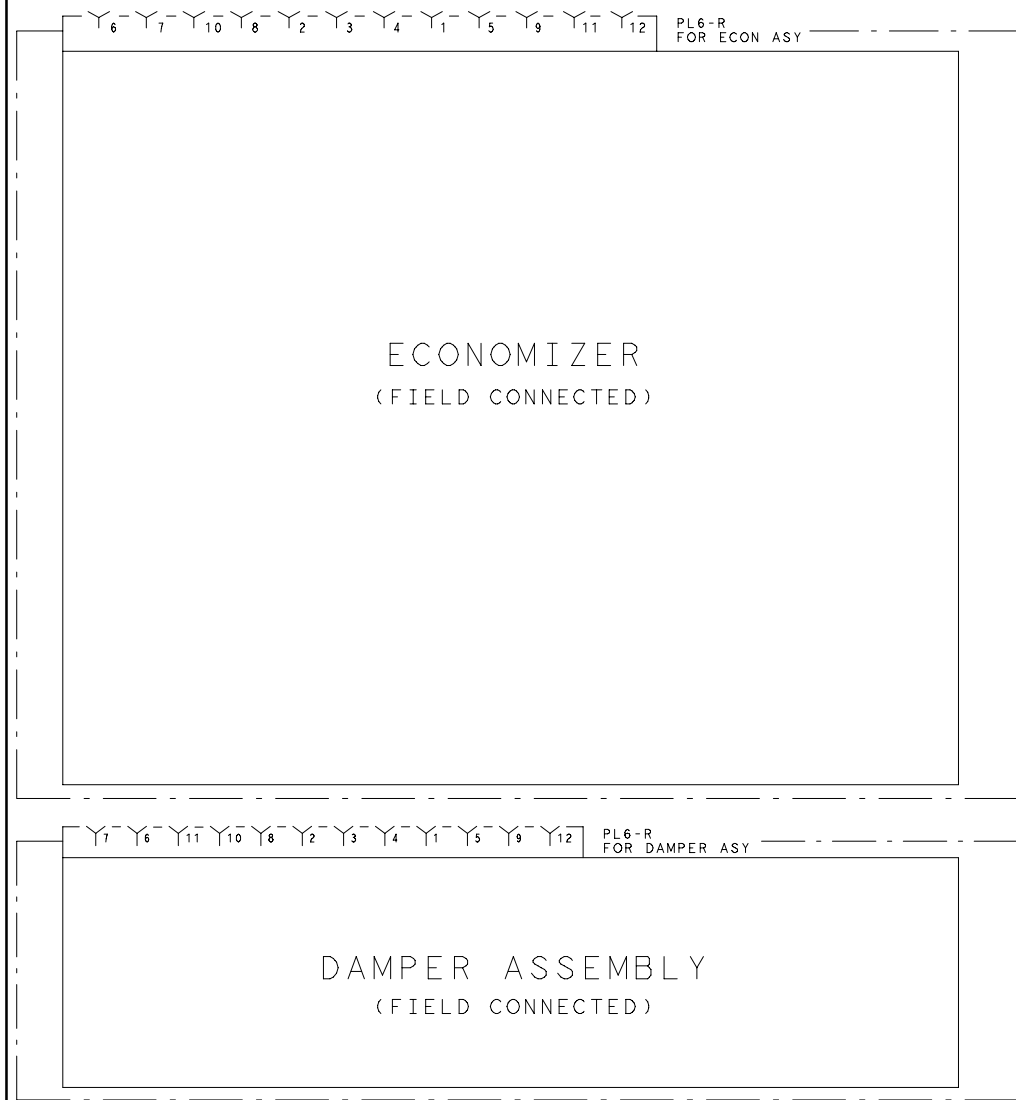
PGE090, 102, 120

208/230-3-60
SCHEMATIC

SEE NOTE #5



PGE090, 102, 120
208 / 230 - 3 - 60



- AHA ADJUSTABLE HEAT ANTICIPATOR
- C CONTACTOR, COMPRESSOR
- CB CIRCUIT BREAKER
- CC COOLING COMPENSATOR
- CH CRANKCASE HEATER
- COMP COMPRESSOR MOTOR
- D DIODE
- EC ENTHALPY CONTROL
- ECON ECONOMIZER
- EPS EMERGENCY POWER SUPPLY (NINE VOLT BATTERY)
- EQUIP EQUIPMENT
- ER ECONOMIZER RELAY
- FPT FREEZE PROTECTION THERMOSTAT
- GND GROUND
- HPS HIGH PRESSURE SWITCH
- HS HALL EFFECT SENSOR
- I IGNITOR
- IGC INTEGRATED GAS UNIT CONTROLLER
- IDM INDUCED DRAFT MOTOR
- IFC INDOOR FAN CONTACTOR
- IFM INDOOR FAN MOTOR
- IFMOVL INDOOR FAN MOTOR OVERLOAD
- LPS LOW PRESSURE SWITCH
- LS LIMIT SWITCH
- MGV MAIN GAS VALVE
- MTR MOTOR
- OAT OUTDOOR AIR THERMOSTAT
- OFM OUTDOOR FAN MOTOR
- P PLUG
- PL PLUG ASSEMBLY
- QT QUADRUPLER TERMINAL RELAY
- R RELAY
- RS ROLLOUT SWITCH
- SAT SUPPLY AIR THERMOSTAT
- SEN SENSOR
- SW1 SWITCH FULLY OPEN
- SW2 SWITCH FULLY CLOSED
- SW3 SWITCH MIN. VENT POSITION
- SW4 SWITCH MAX. VENT POSITION
- TC THERMOSTAT-COOLING
- TH THERMOSTAT-HEATING
- TRAN TRANSFORMER

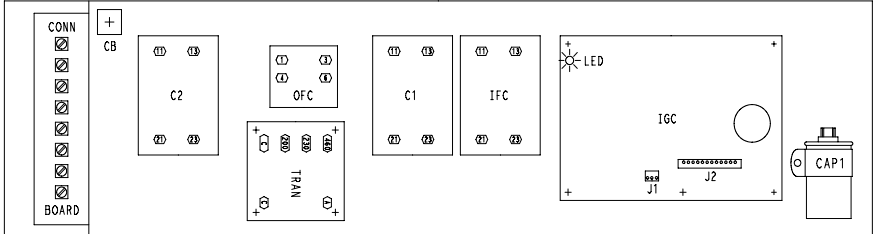
NOTES

1. IF ANY OF THE ORIGINAL WIRE FURNISHED MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE 90 C WIRE OR ITS EQUIVALENT.
2. THREE PHASE MOTORS ARE PROTECTED UNDER PRIMARY SINGLE PHASING CONDITIONS.
3. FOR THERMOSTAT AND SUBBASE PART NO. SEE PRICE PAGES.
4. SET HEAT ANTICIPATOR FOR FIRST STAGE AT 0.14 AMPS, SECOND STAGE AT 0.2 AMPS.
5. USE COPPER CONDUCTORS ONLY.
6. TRAN IS WIRED FOR 230V UNIT. IF UNIT IS TO BE RUN WITH 208V POWER SUPPLY DISCONNECT BLK WIRE FROM 230V TAP (ORN) AND CONNECT TO 200V TAP (RED). INSULATE END OF 230V TAP.

CIRCUIT BREAKER	VOLTS	MFG. PT. NO.	MUST TRIP AMPS
CB	24V	POTTER & BRUMFIELD	3.2
		W28X-1024-3.2	

LEGEND

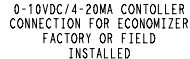
- FIELD SPLICE
- MARKED WIRE
- TERMINAL (MARKED)
- TERMINAL (UNMARKED)
- TERMINAL BLOCK
- SPLICE
- SPLICE (MARKED)
- FACTORY WIRING
- FIELD CONTROL WIRING
- FIELD POWER WIRING
- ACCESSORY OR OPTIONAL WIRING
- TO INDICATE COMMON POTENTIAL ONLY: NOT TO REPRESENT WIRING



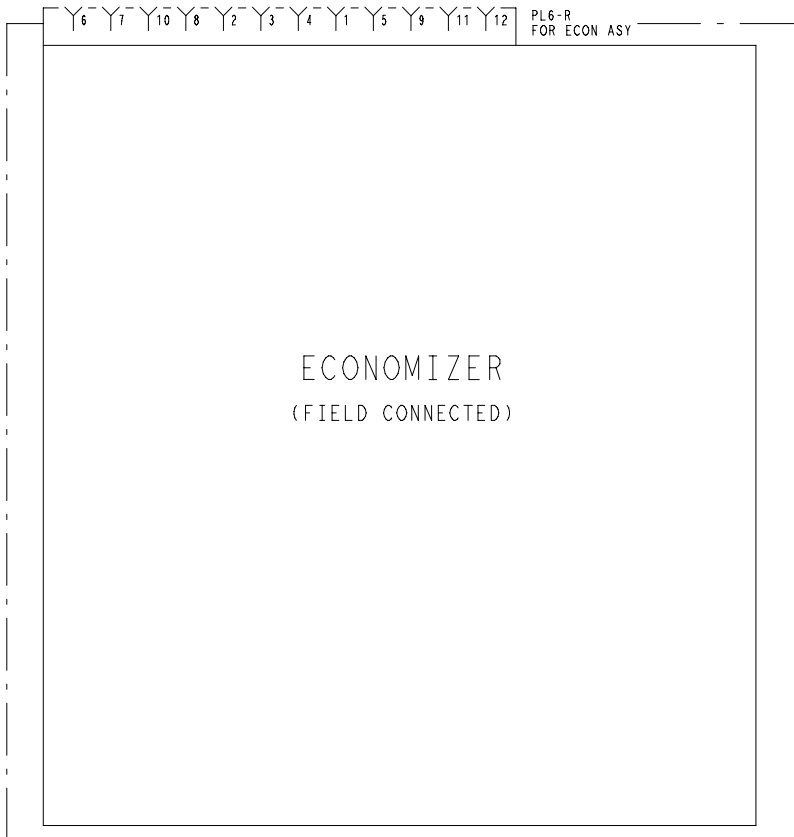
COMPONENT ARRANGEMENT

50DK509337 3.0

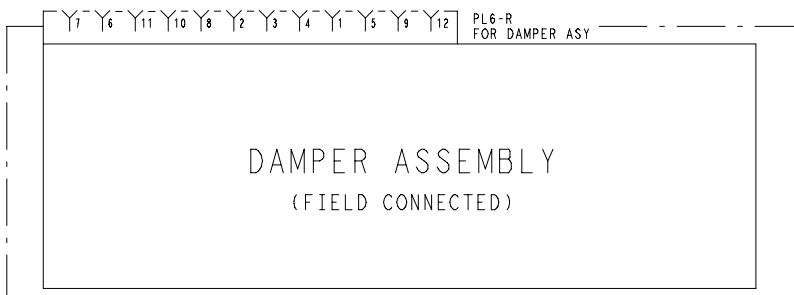
460-3-60
SCHEMATIC



PGE090, 102, 120
460 - 3 - 60



AHA ADJUSTABLE HEAT ANTICIPATOR
C CONTACTOR, COMPRESSOR
CB CIRCUIT BREAKER
CC COOLING COMPENSATOR
CH CRANKCASE HEATER
COMP COMPRESSOR MOTOR
D DIODE
EC ENTHALPY CONTROL
ECON ECONOMIZER
EPS EMERGENCY POWER SUPPLY (NINE VOLT BATTERY)
EQUIP EQUIPMENT
ER ECONOMIZER RELAY
FPT FREEZE PROTECTION THERMOSTAT
GND GROUND
HPS HIGH PRESSURE SWITCH
HS HALL EFFECT SENSOR
I IGNITOR
IGC INTEGRATED GAS UNIT CONTROLLER
IDM INDUCED DRAFT MOTOR
IFC INDOOR FAN CONTACTOR
IFM INDOOR FAN MOTOR
IFMOVL INDOOR FAN MOTOR OVERLOAD
LPS LOW PRESSURE SWITCH
LS LIMIT SWITCH
MGV MAIN GAS VALVE
MTR MOTOR
OAT OUTDOOR AIR THERMOSTAT
OFM OUTDOOR FAN MOTOR
P PLUG
PL PLUG ASSEMBLY
QT QUADRUPLE TERMINAL RELAY
R RELAY
RS ROLLOUT SWITCH
SAT SUPPLY AIR THERMOSTAT
SEN SENSOR
SW1 SWITCH FULLY OPEN
SW2 SWITCH FULLY CLOSED
SW3 SWITCH MIN. VENT POSITION
SW4 SWITCH MAX. VENT POSITION
TC THERMOSTAT-COOLING
TH THERMOSTAT-HEATING
TRAN TRANSFORMER



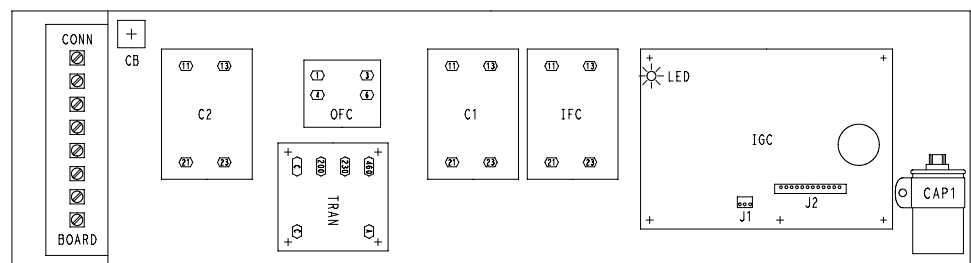
NOTES

1. IF ANY OF THE ORIGINAL WIRE FURNISHED MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE 90 C WIRE OR ITS EQUIVALENT.
2. THREE PHASE MOTORS ARE PROTECTED UNDER PRIMARY SINGLE PHASING CONDITIONS.
3. FOR THERMOSTAT AND SUBBASE PART NO. SEE PRICE PAGES.
4. SET HEAT ANTICIPATOR FOR FIRST STAGE AT 0.14 AMPS, SECOND STAGE AT 0.2 AMPS.
5. USE COPPER CONDUCTORS ONLY.

CIRCUIT BREAKER	VOLTS	MFG. PT. NO.		MUST TRIP AMPS
CB	24V	POTTER & BRUMFIELD W28X-1024-3.2		3.2
CB1 014	460-3-60	HEINEMANN CF3-Z228-41	AIRPAX 219-3-2600-486	8.5

LEGEND

- FIELD SPICE
- MARKED WIRE
- TERMINAL (MARKED)
- TERMINAL (UNMARKED)
- TERMINAL BLOCK
- SPLICE
- SPLICE (MARKED)
- FACTORY WIRING
- FIELD CONTROL WIRING
- FIELD POWER WIRING
- ACCESSORY OR OPTIONAL WIRING
- TO INDICATE COMMON POTENTIAL ONLY:
- NOT TO REPRESENT WIRING



50DK509338

3.0

PGE090, 102, 120

575-3-60
SCHEMATIC

WIRE	VOLTS	MFG. PT. NO.	WSP
CB	24V	POTTER & BRUMFIELD W28-X1075-3.2	3.2
CB1 150	575-3-60	HEINZ CF3-2229-1	7.0

EQUIP GND

GRN/YEL

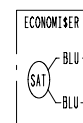
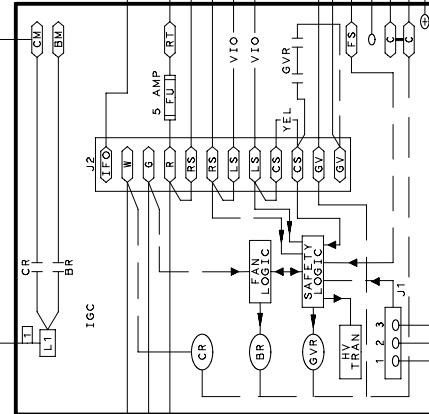
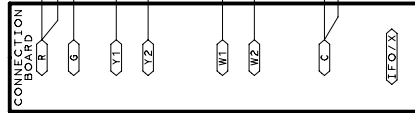
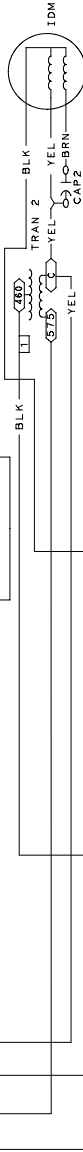
BLK

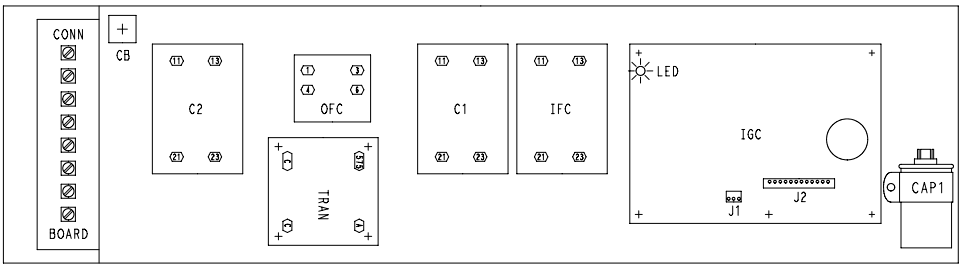
YEL

BLU

SEE NOTE #3

1. IF ANY OF THE ORIGINAL WIRE FURNISHED MUST BE REPLACED, IT MUST BE REPLACED WITH THE SAME TYPE AND SIZE.
2. COMPRESSOR AND FAN MOTORS ARE THERMALLY PROTECTED AGAINST PHASE MOTORS ARE PHASING CONDITIONS.
3. USE COPPER CONDUCTOR ONLY.



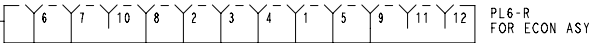


COMPONENT ARRANGEMENT

LEGEND

- FIELD SPLICE
- MARKED WIRE
- TERMINAL (MARKED)
- TERMINAL (UNMARKED)
- TERMINAL BLOCK
- SPLICE
- SPLICE (MARKED)
- FACTORY WIRING
- FIELD CONTROL WIRING
- FIELD POWER WIRING
- ACCESSORY OR OPTIONAL WIRING
- TO INDICATE COMMON POTENTIAL ONLY:
- NOT TO REPRESENT WIRING

- C CONTACTOR, COMPRESSOR
- CB CIRCUIT BREAKER
- CH CRANKCASE HEATER
- CLO COMPRESSOR LOCKOUT
- COMP COMPRESSOR MOTOR
- EQUIP EQUIPMENT
- FPT FREEZE UP PROTECTION THERMOSTAT
- GND GROUND
- HPS HIGH PRESSURE SWITCH
- HS HALL EFFECT SEN.
- I IGNITOR
- IAO INDOOR AIR QUALITY SEN.
- IARH INDOOR AIR RELATIVE HUMIDITY SEN.
- IDM INDUCED DRAFT MOTOR
- IFC INDOOR FAN CONTACTOR
- IFM INDOOR FAN MOTOR
- IFMOV INDOOR FAN MOTOR OVERLOAD SWITCH
- IGC INTEGRATED GAS UNIT CONTROLLER
- LPS LOW PRESSURE SWITCH
- LS LIMIT SWITCH
- MGV MAIN GAS VALVE
- MTR MOTOR
- OARH OUTDOOR AIR RELATIVE HUMIDITY SEN.
- OAT OUTDOOR AIR TEMP. SEN.
- OFC OUTDOOR FAN CONTACTOR
- OFM OUTDOOR FAN MOTOR
- P PLUG
- PL PLUG ASSEMBLY
- POT POTENTIOMETER
- QT QUADRUPLE TERMINAL
- RAT RETURN AIR TEMP. SEN.
- RS ROLLOUT SWITCH
- SAT SUPPLY AIR TEMP. SEN.
- SEN SENSOR
- TRAN TRANSFORMER

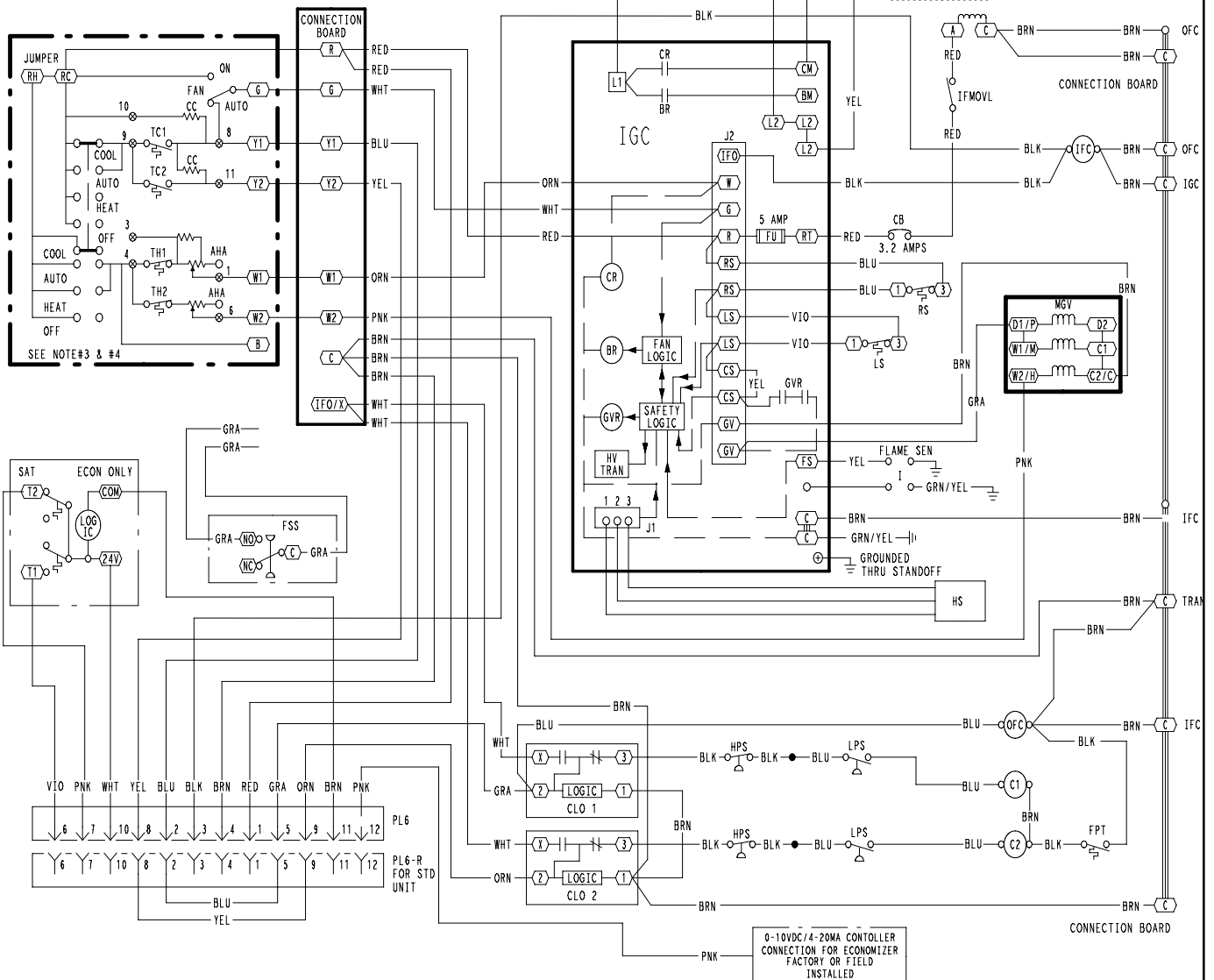


ECONOMIZER WIRING
(FIELD CONNECTED)

PGE150
208/230-3-60
SCHEMATIC

SEE NOTE #5

CIRCUIT BREAKER	VOLTS	MFG. PT. NO.	MUST TRIP AMPS
CB	24V	POTTER & BRUMFIELD W28X-1024-3-2	3.2
CB1	208/230-3-60	HEINEMANN AIRPAX CF3-Z204-15 209-3-2599-485	17.3



Y6 Y7 Y10 Y8 Y2 Y3 Y4 Y1 Y5 Y9 Y11 Y12

PL6-R
FOR ECON ASY

ECONOMIZER (FIELD CONNECTED)

Y7 Y6 Y11 Y10 Y8 Y2 Y3 Y4 Y1 Y5 Y9 Y12

PL6-R
FOR DAMPER ASY

DAMPER ASSEMBLY (FIELD CONNECTED)

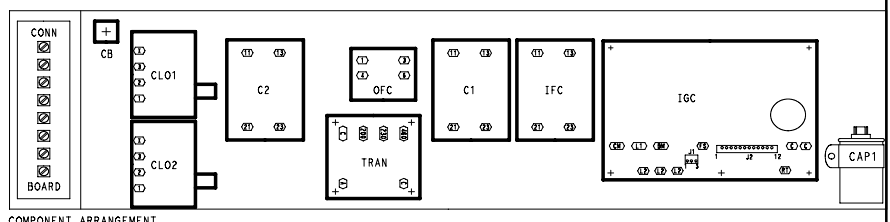
LEGEND

-  FIELD SPLICE
-  MARKED WIRE
-  TERMINAL (MARKED)
-  TERMINAL (UNMARKED)
-  TERMINAL BLOCK
-  SPLICE
-  SPLICE (MARKED)
-  FACTORY WIRING
-  FIELD CONTROL WIRING
-  FIELD POWER WIRING
-  ACCESSORY OR OPTIONAL WIRING
-  TO INDICATE COMMON POTENTIAL ONLY:
-  NOT TO REPRESENT WIRING

AHA	ADJUSTABLE HEAT ANTICIPATOR
C	CONTACTOR, COMPRESSOR
CB	CIRCUIT BREAKER
CC	COOLING COMPENSATOR
CH	CRANKCASE HEATER
CLO	COMPRESSOR LOCKOUT
COMP	COMPRESSOR MOTOR
D	DIODE
EC	ENTHALPY CONTROL
ECON	ECONOMIZER
EPS	EMERGENCY POWER SUPPLY (NINE VOLT BATTERY)
EQUIP	EQUIPMENT
ER	ECONOMIZER RELAY
FPT	FREEZE UP PROTECTION THERMOSTAT
GND	GROUND
HPS	HIGH PRESSURE SWITCH
HS	HALL EFFECT SENSOR
I	IGNITOR
IDM	INDUCED DRAFT MOTOR
IFC	INDOOR FAN CONTACTOR
IFM	INDOOR FAN MOTOR
IFMOVL	INDOOR FAN MOTOR OVERLOAD SWITCH
IGC	INTEGRATED GAS UNIT CONTROLLER
LPS	LOW PRESSURE SWITCH
LS	LIMIT SWITCH
MGV	MAIN GAS VALVE
MTR	MOTOR
OAT	OUTDOOR AIR THERMOSTAT
OFC	OUTDOOR FAN CONTACTOR
OFM	OUTDOOR FAN MOTOR
P	PLUG
PL	PLUG ASSEMBLY
QT	QUADRUPLE TERMINAL
R	RELAY
RS	ROLLOUT SWITCH
SAT	SUPPLY AIR THERMOSTAT
SEN	SENSOR
SW1	SWITCH FULLY OPEN
SW2	SWITCH FULLY CLOSED
SW3	SWITCH MIN. VENT POSITION
SW4	SWITCH MAX. VENT POSITION
TC	THERMOSTAT-COOLING
TH	THERMOSTAT-HEATING
TRAN	TRANSFORMER

NOTES

- IF ANY OF THE ORIGINAL WIRE FURNISHED MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE 90 C WIRE OR ITS EQUIVALENT.
- THREE PHASE MOTORS ARE PROTECTED UNDER PRIMARY SINGLE PHASING CONDITIONS.
- FOR THERMOSTAT AND SUBBASE PART NO. SEE PRICE PAGES.
- SET HEAT ANTICIPATOR FOR FIRST STAGE AT 0.14 AMP, SECOND STAGE AT 0.2 AMP.
- USE COPPER CONDUCTORS ONLY.
- TRAN IS WIRED FOR 230V UNIT. IF UNIT IS TO BE RUN WITH 208V POWER SUPPLY DISCONNECT BLK WIRE FROM 230V TAP (ORN) AND CONNECT TO 200V TAP (RED). INSULATE END OF 230V TAP.

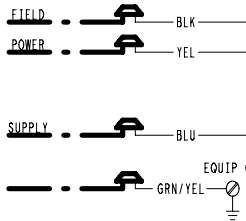


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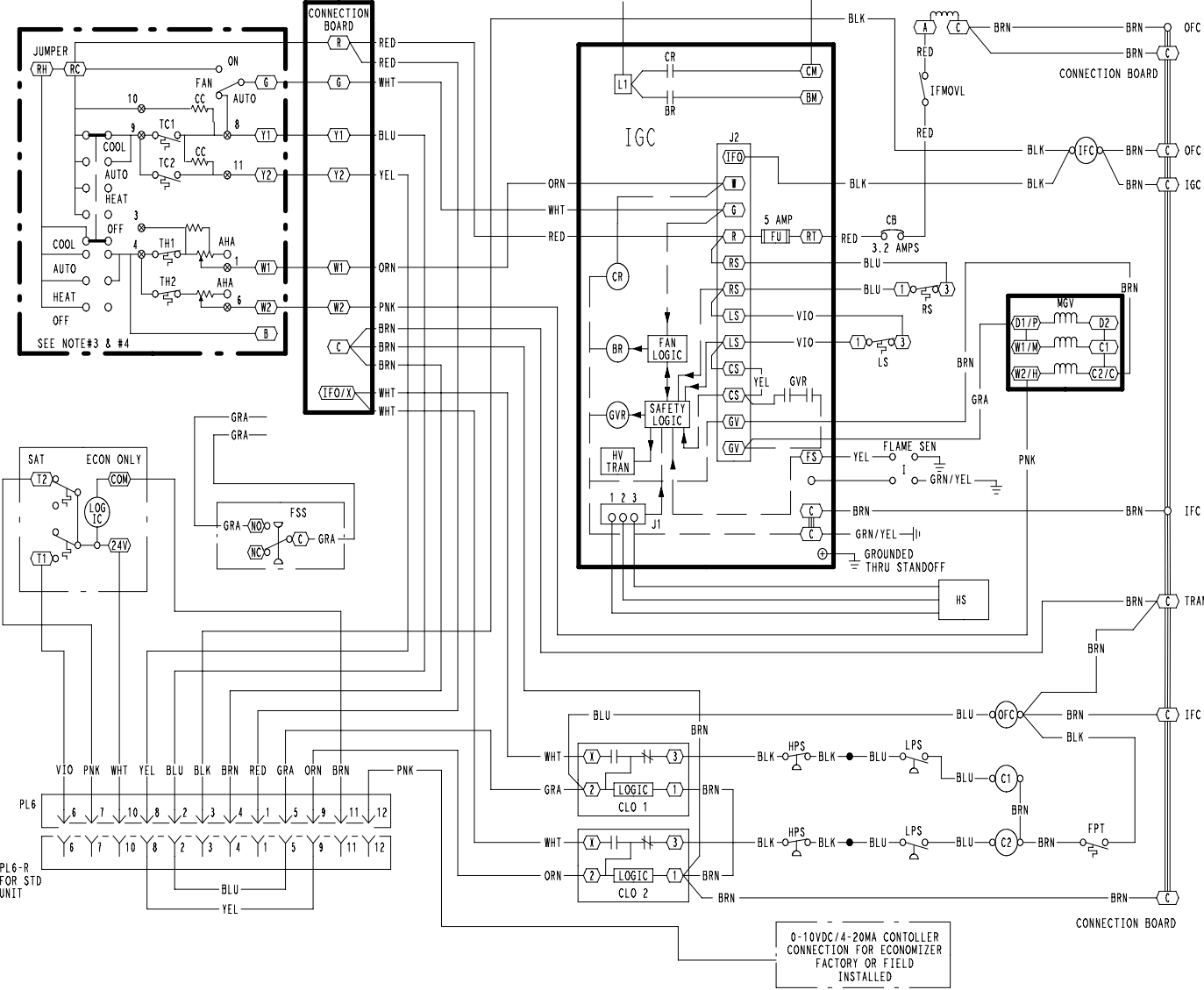
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PGE150 460-3-60 SCHEMATIC

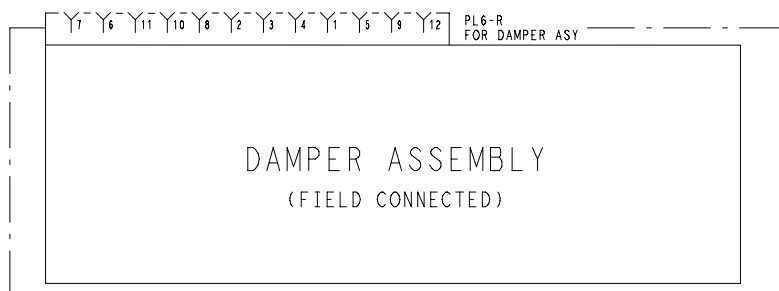
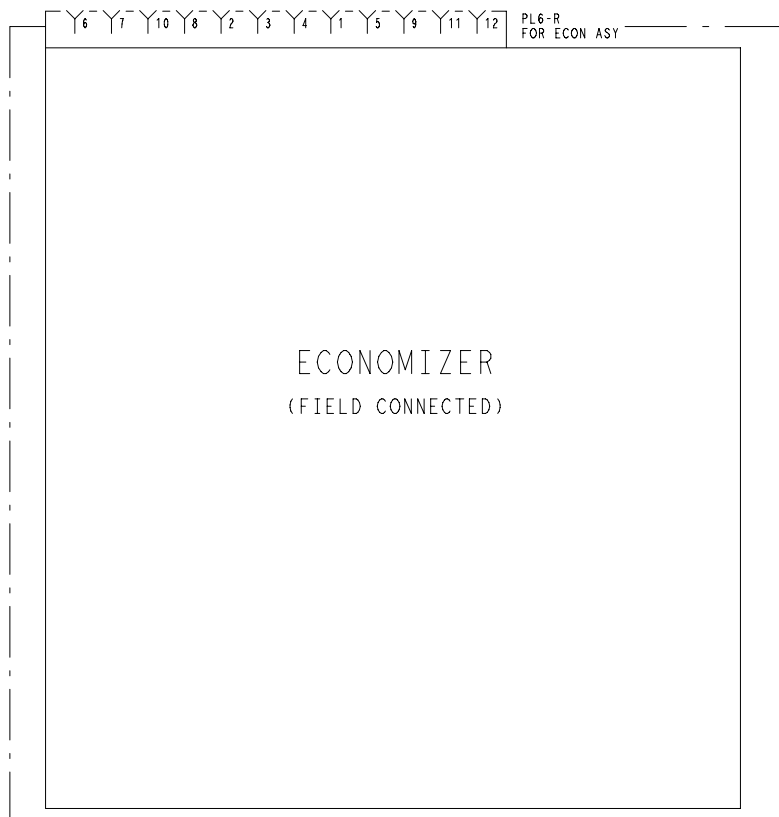
SEE NOTE #5



CIRCUIT BREAKER	VOLTS	MFG. PT. NO.	MUST TRIP AMPS
CB	24V	POTTER & BRUMFIELD W28X-1024-3-2	3.2
CB1	460-3-60	HEINEMANN CF3-2228-41	8.5



PGE150
460 - 3 - 60



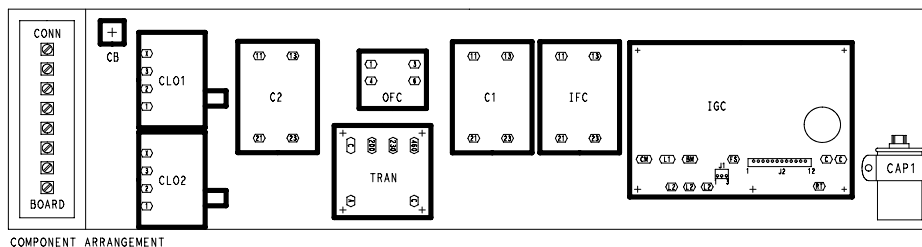
AHA	ADJUSTABLE HEAT ANTICIPATOR
C	CONTACTOR, COMPRESSOR
CB	CIRCUIT BREAKER
CC	COOLING COMPENSATOR
CH	CRANKCASE HEATER
CLO	COMPRESSOR LOCKOUT
COMP	COMPRESSOR MOTOR
D	DIODE
EC	ENTHALPY CONTROL
ECON	ECONOMIZER
EPS	EMERGENCY POWER SUPPLY (NINE VOLT BATTERY)
EQUIP	EQUIPMENT
ER	ECONOMIZER RELAY
FPT	FREEZE UP PROTECTION THERMOSTAT
GND	GROUND
HPS	HIGH PRESSURE SWITCH
HS	HALL EFFECT SENSOR
I	IGNITOR
IDM	INDUCED DRAFT MOTOR
IFC	INDOOR FAN CONTACTOR
IFM	INDOOR FAN MOTOR
IFMOVL	INDOOR FAN MOTOR OVERLOAD SWITCH
IGC	INTEGRATED GAS UNIT CONTROLLER
LPS	LOW PRESSURE SWITCH
LS	LIMIT SWITCH
MGV	MAIN GAS VALVE
MTR	MOTOR
OAT	OUTDOOR AIR THERMOSTAT
OFC	OUTDOOR FAN CONTACTOR
OFM	OUTDOOR FAN MOTOR
P	PLUG
PL	PLUG ASSEMBLY
QT	QUADRUPLE TERMINAL
R	RELAY
RS	ROLLOUT SWITCH
SAT	SUPPLY AIR THERMOSTAT
SEN	SENSOR
SW1	SWITCH FULLY OPEN
SW2	SWITCH FULLY CLOSED
SW3	SWITCH MIN. VENT POSITION
SW4	SWITCH MAX. VENT POSITION
TC	THERMOSTAT-COOLING
TH	THERMOSTAT-HEATING
TRAN	TRANSFORMER

NOTES

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4. SET HEAT ANTICIPATOR FOR FIRST STAGE AT 0.14 AMP, SECOND STAGE AT 0.2 AMP.
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LEGEND

-  FIELD SPLICE
-  MARKED WIRE
-  TERMINAL (MARKED)
-  TERMINAL (UNMARKED)
-  TERMINAL BLOCK
-  SPLICE
-  SPLICE (MARKED)
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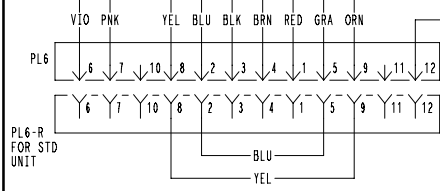
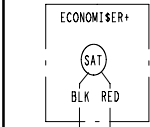
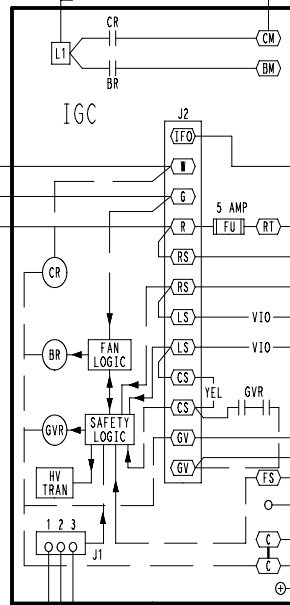
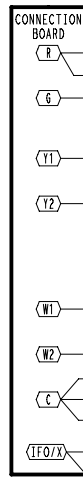
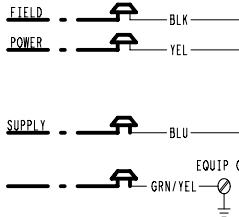
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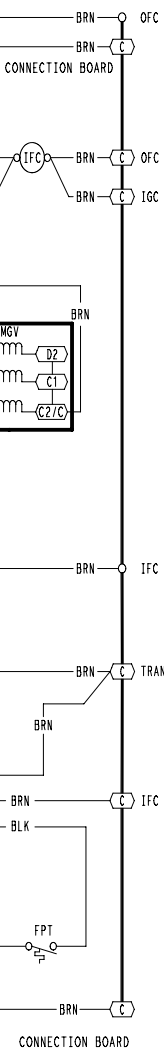
PGE150 575-3-60 SCHEMATIC

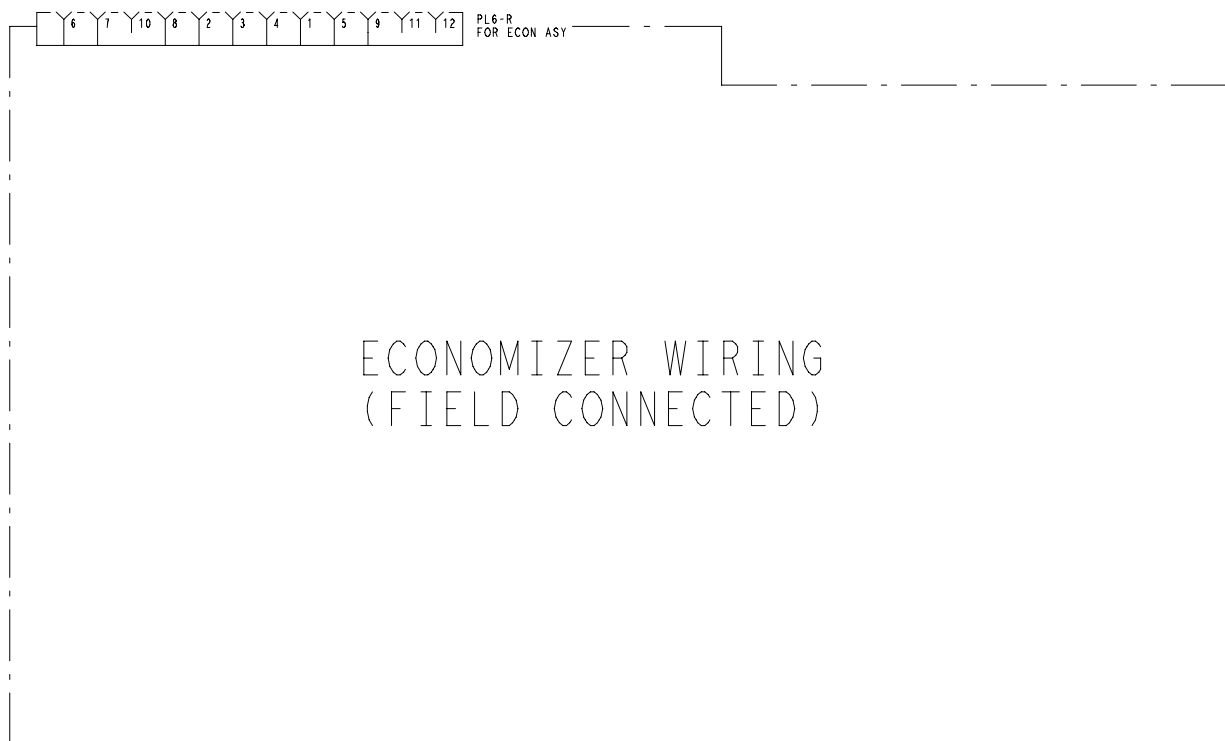
CIRCUIT BREAKER	VOLTS	MFG. PT. NO.	MUST TRIP AMPS
CB	24V	POTTER & BRUMFIELD W28-X1075-3.2	3.2
CB1	575-3-60	HEINEMANN AIRPAX CF3-Z229-1 219-3-2600-544	7.0

SEE NOTE #3



0-10VDC/4-20MA CONTROLLER
CONNECTION FOR ECONOMIZER
FACTORY OR FIELD
INSTALLED





ECONOMIZER WIRING (FIELD CONNECTED)

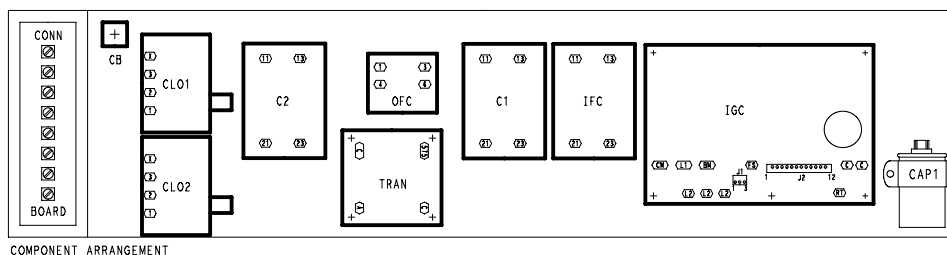
NOTES

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2. THREE PHASE MOTORS ARE PROTECTED UNDER PRIMARY SINGLE PHASING CONDITIONS.
3. USE COPPER CONDUCTORS ONLY.

LEGEND

- FIELD SPLICE
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- CB CIRCUIT BREAKER
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- EQUIP EQUIPMENT
- FPT FREEZE UP PROTECTION THERMOSTAT
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- IDM INDUCED DRAFT MOTOR
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- IFMOVL INDOOR FAN MOTOR OVERLOAD SWITCH
- IGC INTEGRATED GAS UNIT CONTROLLER
- LPS LOW PRESSURE SWITCH
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- MGV MAIN GAS VALVE
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- OARH OUTDOOR AIR RELATIVE HUMIDITY SEN.
- OAT OUTDOOR AIR TEMP. SEN.
- OFC OUTDOOR FAN CONTACTOR
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- P PLUG
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- POT POTENTIOMETER
- QT QUADRUPLE TERMINAL
- RAT RETURN AIR TEMP. SEN.
- RS ROLLOUT SWITCH
- SAT SUPPLY AIR TEMP. SEN.
- SEN SENSOR
- TRAN TRANSFORMER



COMPONENT ARRANGEMENT

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