

Parts List, Wiring Diagrams

PGE180 - 300 SERIES

PACKAGE GAS ELECTRIC UNITS



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PGE180 & 210 PARTS LIST										
KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE180HDA00AAA	PGE180HFA00AAA	PGE180LDA00AAA	PGE180LFA00AAA	PGE210HDA00AAA	PGE210HFA00AAA	PGE210LDA00AAA	PGE210LFA00AAA
01	BEARING PILLOW BLOCK 1-7/16"	1175898	2	2	2	2	2	2	2	2
02	V-BELT	1171506	1	1	1	1	1	1	1	1
03	CAP RN OV 370V 10	1171729	3	3	3	3	3	3	3	3
04	BREAKER 3.2A 1 POLE 250V	1171114	1	1	1	1	1	1	1	1
05	BREAKER 14.6A 3 POLE 480V	1171816	1	1	*	*	1	1	*	*
05	BREAKER 23A 3 POLE 600V	1170545	*	*	1	1	*	*	1	1
06	COIL ASY COND AL/CU	1171857	1	1	1	1	*	*	*	*
06	COIL ASY COND AL/CU	1175459	*	*	*	*	1	1	1	1
07	COIL ASY EVAP AL/CU	1171863	1	1	1	1	*	*	*	*
07	COIL ASY EVAP AL/CU	1175458	*	*	*	*	1	1	1	1
08	COMP ZR108KC-TF5-250	ZR108KCTF5250	*	*	*	*	1	1	*	*
08	COMP ZR108KC-TFD-250	ZR108KCTFD250	*	*	*	*	*	*	1	1
08	COMP ZR94KC-TF5-250	ZR94KCTF5250	1	1	*	*	*	*	*	*
08	COMP ZR94KC-TFD-250	ZR94KCTFD250	*	*	1	1	*	*	*	*
09	COMP ZR72KC-TF5-250	ZR72KCTF5250	1	1	*	*	*	*	*	*
09	COMP ZR72KC-TFD-250	ZR72KCTFD250	*	*	1	1	*	*	*	*
09	COMP ZR94KC-TF5-250	ZR94KCTF5250	*	*	*	*	1	1	*	*
09	COMP ZR94KC-TFD-250	ZR94KCTFD250	*	*	*	*	*	*	1	1
10	CONTACTOR 2P 30A 24V	1171163	1	1	1	1	1	1	1	1
11	CONTACTOR 2P 40A 24V	1173183	1	1	*	*	1	1	1	1
12	CONTACTOR 3P 40A 24V	1172449	2	2	3	3	2	2	2	2
13	TRANS 200/230/460>24 75VA	1171498	1	1	1	1	1	1	1	1
14	DRIER 16 CI 1/2"IN & OUT	1171203	2	2	2	2	2	2	2	2
15	DISTRIBUTOR	1171851	1	1	1	1	*	*	*	*
15	DISTRIBUTOR	1173485	*	*	*	*	2	2	2	2
15A	DISTRIBUTOR	1171802	1	1	1	1	*	*	*	*
16	NOZZLE ORIFICE .242"DIA C6	1170583	1	1	1	1	*	*	*	*
16	NOZZLE ORIFICE .2656"DIA C8	1171825	*	*	*	*	1	1	1	1
16A	NOZZLE ORIFICE .221"DIA E5	1170582	1	1	1	1	*	*	*	*
16A	NOZZLE ORIFICE .3125"DIA C12	1173175	*	*	*	*	1	1	1	1
17	FUSE KTK-3 1/2 3.5A 600V	1171098	*	*	2	2	*	*	2	2
17	FUSE SC-25 25A 600V	1171253	2	2	*	*	2	2	*	*
18	FUSE HOLDER	1171258	*	*	2	2	*	*	2	2
18	FUSE HOLDER	1171259	2	2	*	*	2	2	*	*
21	KEY	1171321	1	1	1	1	1	1	1	1
22	MTR BLT 3/208-460 5.0 1745	1170542	1	1	1	1	1	1	1	1
23	MTR CND 1/230 1/2	1171342	3	3	*	*	3	3	*	*
23	MTR CND 1/460 1/2	1171336	*	*	3	3	*	*	3	3
26	FAN C 22" 3B 1/2" 28 INT	1171219	3	3	3	3	3	3	3	3
27	PULLEY	1171419	1	1	1	1	1	1	1	1
28	PULLEY	1173538	1	1	1	1	1	1	1	1
29	RELAY 24V DPST 9400-03Q228	1171436	2	2	2	2	2	2	2	2
30	RELAY SENSING	1171434	2	2	2	2	2	2	2	2
31	FAN SHAFT	1171225	1	1	1	1	1	1	1	1
32	SWITCH PRESS HI O426 C320	1172381	2	2	2	2	2	2	2	2
33	SWITCH PRESS LO O27 C44	1171868	2	2	2	2	2	2	2	2
35	TERMINAL BOARD	1173187	1	1	1	1	1	1	1	1
36	TERMINAL BLOCK 1P 175A 600V	1171486	1	1	1	1	1	1	1	1
38	VALVE TXV 11.0 NONBLD	1171858	*	*	*	*	1	1	1	1
38	VALVE TXV 8.0 NONBLD	1171860	1	1	1	1	*	*	*	*
39	VALVE TXV 8.0 NONBLD	1171862	1	1	1	1	1	1	1	1

PGE180 & 210 PARTS LIST (continued)										
KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE180HDA00AAA	PGE180HFA00AAA	PGE180LDA00AAA	PGE180LFA00AAA	PGE210HDA00AAA	PGE210HFA00AAA	PGE210LDA00AAA	PGE210LFA00AAA
41	WHEEL BD12x12x1-7/16 REV CV	1171052	2	2	2	2	2	2	2	2
44	HTR CC WP 70W240V CH254-00	1171861	1	1	*	*	2	2	*	*
44	HTR CC WP 70W480V CH254-03	1171866	*	*	1	1	*	*	2	2
45	HTR CC WP 40W240V 02-2620-00S	1175111	1	1	*	*	*	*	*	*
45	HTR CC WP 40W480V 02-7703-07S	1171827	*	*	1	1	*	*	*	*
46	INDUCER MOTOR ASY	1171792	*	*	1	1	*	*	1	1
46	INDUCER MOTOR ASY	1171793	1	1	*	*	1	1	*	*
51	FREEZE STAT O30 C45	1171252	2	2	2	2	2	2	2	2
52	SWITCH LMT 130-30	1171476	1	1	1	1	1	1	1	1
53	HT EX 6S	1171286	1	*	1	*	1	*	1	*
53	HT EX 7S	1171285	*	1	*	1	*	1	*	1
54	MTR VNT 1/230 1/16	1171333	1	1	*	*	1	1	*	*
54	MTR VNT 1/460 1/16	1171339	*	*	1	1	*	*	1	1
55	FAN C 3.25" 12B 5/16" INT	1171222	1	1	1	1	1	1	1	1
56	WHEEL DD6.3x2.0x5/16 CCW FL	1171051	1	1	1	1	1	1	1	1
57	MANIFOLD ASY	1171330	1	*	1	*	1	*	1	*
57	MANIFOLD ASY	1171331	*	1	*	1	*	1	*	1
58	BURNER ASY	1171096	4	5	4	5	4	5	4	5
59	BURNER ASY	1171088	2	2	2	2	2	2	2	2
60	RING INSERT	1171439	6	7	6	7	6	7	6	7
61	GAS VALVE	1176390	1	1	1	1	1	1	1	1
62	SWITCH LMT 225-50	1171484	1	1	1	1	1	1	1	1
63	ORIFICE MAIN 29	1171460	*	7	*	7	*	7	*	7
63	ORIFICE MAIN 30	1171461	6	*	6	*	6	*	6	*
64	SENSOR FLAME	1171448	1	1	1	1	1	1	1	1
65	IGNITOR	1171305	1	1	1	1	1	1	1	1
66	MODULE IGN UT 1068-11	1171166	1	1	*	*	1	1	*	*
66	MODULE IGN UT 1068-12	1171165	*	*	1	1	*	*	1	1
67	SWITCH LMT 140-30	1171475	*	1	*	1	*	1	*	1
67	SWITCH TEMP DISC O120 C9	1173181	1	*	1	*	1	*	1	*
AA	BRACKET MOTOR	1171075	1	1	1	1	1	1	1	1
AB	BRACKET FILTER	1171084	1	1	1	1	1	1	1	1
AE	CHANNEL, DUCT	1171111	1	1	1	1	1	1	1	1
AF	ANGLE	1171118	1	1	1	1	1	1	1	1
AG	CONTROL BOX	1171167	1	1	1	1	1	1	1	1
AH	CORNER POST	1171171	1	1	1	1	1	1	1	1
AJ	INSULATION ASY	1171284	1	1	1	1	1	1	1	1
AK	COVER	1171183	1	1	1	1	1	1	1	1
AL	CONTROL BOX COVER	1171882	1	1	1	1	1	1	1	1
AM	SUPPORT DECK	1171189	2	2	2	2	2	2	2	2
AN	INSULATION ASY	1171209	1	1	1	1	1	1	1	1
AP	BRACKET FAN	1171210	2	2	2	2	2	2	2	2
AR	BRACKET FAN	1171212	1	1	1	1	1	1	1	1
AS	BRACKET FAN	1171211	1	1	1	1	1	1	1	1
AT	FAN DECK	1171215	1	1	1	1	1	1	1	1
AV	FAN DECK	1171213	1	1	1	1	1	1	1	1
AW	FAN SCROLL	1171224	2	2	2	2	2	2	2	2
AX	FAN UPRIGHT	1171226	1	1	1	1	1	1	1	1
AY	FILTER AIR 16X20X2 DISP	1171229	4	4	4	4	4	4	4	4
AZ	ACCESS PANEL	1171377	2	2	2	2	2	2	2	2
BA	WELD ASY	1171236	1	1	1	1	1	1	1	1

PGE180 & 210 PARTS LIST (continued)

KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE180HDA00AAA	PGE180HFA00AAA	PGE180LDA00AAA	PGE180LFA00AAA	PGE210HDA00AAA	PGE210HFA00AAA	PGE210LDA00AAA	PGE210LFA00AAA
BB	WELD ASY	1171237	1	1	1	1	1	1	1	1
BC	BRACKET, FILTER	1171241	1	1	1	1	1	1	1	1
BD	PLATE BLOCKOFF	1171366	2	2	2	2	2	2	2	2
BE	INSULATION ASY	1171217	1	1	1	1	1	1	1	1
BF	FAN GUARD	1171266	3	3	3	3	3	3	3	3
BH	COVER WIRE	1171273	1	1	1	1	1	1	1	1
BJ	HEAT BAFFLE	1171283	1	1	1	1	1	1	1	1
BK	INSULATION ASY	1171290	1	1	1	1	1	1	1	1
BL	WELD ASY	1171292	1	1	1	1	1	1	1	1
BM	WELD ASY	1171291	1	1	1	1	1	1	1	1
BN	POST CONDENSER	1171411	1	1	1	1	1	1	1	1
BP	FAN DECK	1171310	1	1	1	1	1	1	1	1
BR	BASE RAIL	1171027	1	1	1	1	1	1	1	1
BS	INSULATION ASY	1171319	1	1	1	1	1	1	1	1
BT	PLATE ASY	1171346	1	1	1	1	1	1	1	1
BV	BASE RAIL	1171028	1	1	1	1	1	1	1	1
BW	FAN DECK	1171354	1	1	1	1	1	1	1	1
BX	HOOD DRAIN PAN	1171358	1	1	1	1	1	1	1	1
BY	INSULATION ASY	1171361	1	1	1	1	1	1	1	1
BZ	ACCESS PANEL	1171378	1	1	1	1	1	1	1	1
CA	ACCESS PANEL	1171379	2	2	2	2	2	2	2	2
CB	POST CONDENSER	1171176	1	1	1	1	1	1	1	1
CC	COMPRESSOR RAIL	1171140	2	2	2	2	2	2	2	2
CD	SIDE HOOD	1171381	1	1	1	1	1	1	1	1
CE	SIDE HOOD	1171380	1	1	1	1	1	1	1	1
CF	NUT RIVIT INSERT	1172408	8	8	8	8	8	8	8	8
CG	INSULATION ASY	1171360	1	1	1	1	1	1	1	1
CH	SUPPORT TOP	1171465	1	1	1	1	1	1	1	1
CJ	SUPPORT TOP	1171847	1	1	1	1	1	1	1	1
CK	CENTER POST	1171083	4	4	4	4	4	4	4	4
CL	BRACKET ZEE	1171332	1	1	1	1	1	1	1	1
CM	PANEL ACCESS	1171086	1	1	1	1	1	1	1	1
CN	CORNER POST	1171408	1	1	1	1	1	1	1	1
CP	WIND CAP ASY	1171519	1	1	1	1	1	1	1	1
CR	INSULATION ASY	1171250	1	1	1	1	1	1	1	1
CS	SPACER PLATE	1171459	1	1	1	1	1	1	1	1
CT	SUPPORT LOWER	1171464	1	1	1	1	1	1	1	1
CV	SUPPORT COIL	1171468	1	1	1	1	1	1	1	1
CW	SUPPORT COIL	1172131	1	1	1	1	1	1	1	1
CY	RAIL TOP	1171490	1	1	1	1	1	1	1	1
CZ	FILTER TRACK	1171491	1	1	1	1	1	1	1	1
DA	FILTER TRACK	1171492	3	3	3	3	3	3	3	3
DB	WELD ASY	1171517	1	1	1	1	1	1	1	1
DC	RETAINING CLIP	1171117	6	6	6	6	6	6	6	6
DD	BAFFLE ANGLE	1175921	1	*	1	*	1	*	1	*
DE	TUBE	1171501	1	1	1	1	1	1	1	1
DF	UNION	1171840	1	1	1	1	1	1	1	1
DG	NIPPLE	1171855	1	1	1	1	1	1	1	1
DJ	BOLT COMPRESSOR MTG	1171839	8	8	8	8	8	8	8	8
DL	MANIFOLD	1171329	1	1	1	1	1	1	1	1
DM	FLUE EXTENSION	1171251	1	1	1	1	1	1	1	1

PGE180 & 210 PARTS LIST (continued)

KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE180HDA00AAA	PGE180HFA00AAA	PGE180LDA00AAA	PGE180LFA00AAA	PGE210HDA00AAA	PGE210HFA00AAA	PGE210LDA00AAA	PGE210LFA00AAA
DN	BLOCKOFF PLATE	1171041	1	1	1	1	1	1	1	1
DR	BRACKET BURNER	1171091	1	1	1	1	1	1	1	1
DS	BRACKET BURNER	1171093	1	1	1	1	1	1	1	1
DT	BRACKET BURNER	1171074	1	1	1	1	1	1	1	1
DV	BAFFLE GAS	1171018	6	6	6	6	6	6	6	6
DY	COVER ASY	1171298	1	1	1	1	1	1	1	1
DZ	COVER TOP	1171489	1	1	1	1	1	1	1	1
EA	INSULATION	1175920	1	1	1	1	1	1	1	1
EB	HOUSING	1171299	1	1	1	1	1	1	1	1
EC	BOX FLUE	1171248	1	1	1	1	1	1	1	1
ED	BOX FLUE	1171249	1	1	1	1	1	1	1	1
EF	MOTOR CHANEL	1171344	1	1	1	1	1	1	1	1
EG	GROMMET	1175907	8	8	8	8	8	8	8	8
EH	SUPPORT HEAT EXCHANGER	1175944	1	1	1	1	1	1	1	1
EJ	SUPPORT BURNER	1171092	1	1	1	1	1	1	1	1
EK	FLAME RETAINER	1171246	1	*	1	*	1	*	1	*
EK	FLAME RETAINER	1171438	*	1	*	1	*	1	*	1
A	STRAP FORMED	1172132	1	1	1	1	1	1	1	1
B	FILTER AIR 20X20X2 DISP	1171010	4	4	4	4	4	4	4	4
C	SUPPORT ANGLE	1171014	1	1	1	1	1	1	1	1
D	ANGLE STOP	1171013	1	1	1	1	1	1	1	1
E	FILTER ANGLE	1171015	1	1	1	1	1	1	1	1
F	INSULATION ASY	1171017	1	1	1	1	1	1	1	1
G	BLOCKOFF	1175397	2	2	2	2	2	2	2	2
H	LATCH ASY	1171019	8	8	8	8	8	8	8	8
J	RETAINER	1171204	1	1	1	1	1	1	1	1
K	BASE PAN	1171021	1	1	1	1	1	1	1	1
L	INSULATION ASY	1171022	1	1	1	1	1	1	1	1
M	ANGLE BASE RAIL	1171029	2	2	2	2	2	2	2	2
N	BASE RAIL	1171030	1	1	1	1	1	1	1	1
P	BRACKET	1171036	2	2	2	2	2	2	2	2
R	BLOCKOFF PANEL	1171042	1	1	1	1	1	1	1	1
S	CUTOFF BLOWER	1171044	2	2	2	2	2	2	2	2
T	PLATE FANSIDE	1171047	2	2	2	2	2	2	2	2
V	PLATE FANSIDE	1171046	2	2	2	2	2	2	2	2
W	BOLT BELT ADJUST	1171055	2	2	2	2	2	2	2	2
X	UPPER BRACE	1171060	1	1	1	1	1	1	1	1
Y	BRACKET	1172140	1	1	1	1	1	1	1	1
Z	BRACKET MOTOR	1171076	1	1	1	1	1	1	1	1
PARTS NOT SHOWN										
)(	ANGLE FILTER	1171085	1	1	1	1	1	1	1	1
)(	FILTER AIR 20X20X1 WASHABLE	1171243	1	1	1	1	1	1	1	1
)(	FILTER AIR 20X25X1 WASHABLE	1171244	2	2	2	2	2	2	2	2
)(	FILTER PACKAGE	1171235	1	1	1	1	1	1	1	1
)(	HARNESS ASY	1173171	1	1	1	1	*	*	1	1
)(	HARNESS ASY	1173505	1	1	1	1	*	*	1	1
)(	HARNESS ASY	1173506	*	*	*	*	1	1	*	*
)(	HARNESS ASY	1173507	*	*	*	*	1	1	*	*
)(	HARNESS ASY	1175462	1	1	*	*	1	1	*	*
)(	HARNESS ASY	1175464	*	*	1	1	*	*	1	1

PGE240 & 300 PARTS LIST										
KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE240HDA00AAA	PGE240HFA00AAA	PGE240LDA00AAA	PGE240LFA00AAA	PGE300HDA00AAA	PGE300HFA00AAA	PGE300LDA00AAA	PGE300LFA00AAA
01	BEARING PILLOW BLOCK 1-7/16"	1175898	2	2	2	2	2	2	2	2
02	BELT V B50	1171528	*	*	*	*	2	2	2	2
02	V-BELT	1173424	1	1	1	1	*	*	*	*
03	CAP RN OV 370V 10	1171108	*	*	*	*	6	6	6	6
04	BREAKER 3.2A 1 POLE 250V	1171114	1	1	1	1	2	2	2	2
05	BREAKER 12A 3 POLE 600V	1171081	*	*	1	1	*	*	*	*
05	BREAKER 14.6A 3 POLE 480V	1171816	*	*	*	*	*	*	1	1
05	BREAKER 22A 3 POLE 240V	1171082	1	1	*	*	*	*	*	*
05	BREAKER 28A 3 POLE 240V	1173182	*	*	*	*	1	1	*	*
06	COIL ASY COND AL/CU	1171857	1	1	1	1	*	*	*	*
06	COIL ASY COND AL/CU	1173452	*	*	*	*	1	1	1	1
07	COIL ASY EVAP AL/CU	1171798	1	1	1	1	*	*	*	*
07	COIL ASY EVAP AL/CU	1173443	*	*	*	*	1	1	1	1
08	COMP ZR125KC-TF5-250	ZR125KCTF5250	1	1	*	*	*	*	*	*
08	COMP ZR125KC-TF5-250	ZR125KCTFD250	*	*	1	1	*	*	*	*
08	COMP ZR144KC-TF5-250	ZR144KCTF5250	*	*	*	*	1	1	*	*
08	COMP ZR144KC-TFD-250	ZR144KCTFD250	*	*	*	*	*	*	1	1
09	COMP ZR108KC-TF5-250	ZR108KCTF5250	1	1	*	*	*	*	*	*
09	COMP ZR108KC-TF5-250	ZR108KCTFD250	*	*	1	1	*	*	*	*
09	COMP ZRU140KC-TF5-280	ZRU140KCTF5280	*	*	*	*	1	1	*	*
09	COMP ZRU140KC-TFD-280	ZRU140KCTFD280	*	*	*	*	*	*	1	1
10	CONTACTOR 2P 20A 24V	1171160	1	1	*	*	2	2	2	2
10	CONTACTOR 3P 25A 24V	1173184	*	*	1	1	*	*	2	2
10	CONTACTOR 3P 40A 24V	1172449	*	*	*	*	3	3	*	*
11	CONTACTOR 2P 40A 24V	1173183	1	1	*	*	2	2	2	2
12	CONTACTOR 3P 25A 24V	1171164	*	*	1	1	*	*	*	*
12	CONTACTOR 3P 30A 24V	1171164	*	*	*	*	*	*	2	2
12	CONTACTOR 3P 50A 208-240V	1176403	1	1	*	*	1	1	*	*
13	TRANS 200/230/460>24 75VA	1171498	1	1	1	1	2	2	2	2
14	DRIER 16 CI 1/2"IN & OUT	1171203	2	2	2	2	2	2	2	2
15	DISTRIBUTOR	1171851	1	1	1	1	*	*	*	*
15	DISTRIBUTOR	1173485	*	*	*	*	2	2	2	2
15A	DISTRIBUTOR	1171802	1	1	1	1	*	*	*	*
16	NOZZLE	1173175	*	*	*	*	2	2	2	2
16	NOZZLE ORIFICE .2656"DIA C8	1171825	1	1	1	1	*	*	*	*
16A	NOZZLE ORIFICE	1170586	1	1	1	1	*	*	*	*
17	FUSE 15A	1173491	*	*	*	*	2	2	*	*
17	FUSE KTK-3 1/2 3.5A 600V	1171098	*	*	2	2	*	*	2	2
17	FUSE SC-25 25A 600V	1171253	3	3	*	*	*	*	*	*
18	FUSE HOLDER	1171259	3	3	*	*	*	*	*	*
18	FUSE HOLDER	1172475	*	*	*	*	2	2	*	*
18	FUSE HOLDER HPF 30A 600V	1171258	*	*	2	2	*	*	2	2
20	CONTACTOR 3P 40A 24V	1173475	1	1	1	1	*	*	*	*
20	RELAY 24V SPDT R8222B1117	1171806	*	*	*	*	2	2	2	2
21	KEY	1171321	1	1	1	1	1	1	1	1
22	MTR BLT 3/200-460 7.5 1745	1171216	1	1	1	1	*	*	*	*
22	MTR BLT 3/208-460 10.0 1745	1173180	*	*	*	*	1	1	1	1
23	MTR CND 1/230 1/2 1050/1	1173519	*	*	*	*	6	6	*	*
23	MTR CND 1/460 1/2 1050/1	1173520	*	*	*	*	*	*	6	6
23	MTR CND 3/230-460 1.5HP	1171869	2	2	2	2	*	*	*	*
24	COIL ASY COND AL/CU	1173451	*	*	*	*	1	1	1	1

PGE240 & 300 PARTS LIST (continued)										
KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE240HDA00AAA	PGE240HFA00AAA	PGE240LDA00AAA	PGE240LFA00AAA	PGE300HDA00AAA	PGE300HFA00AAA	PGE300LDA00AAA	PGE300LFA00AAA
26	FAN C 22" 3B 1/2" 28 INT	1171219	*	*	*	*	6	6	6	6
26	FAN CC 30" 3B 5/8" 20.5 DIS	1171819	2	2	2	2	*	*	*	*
27	PULLEY	1171419	1	1	1	1	*	*	*	*
27	PULLEY 1 7/16 X 8.00 2B5V80	1173194	*	*	*	*	1	1	1	1
28	PULLEY	1171416	1	1	1	1	*	*	*	*
28	PULLEY 1 3/8 X 6.50 2VP65	1173193	*	*	*	*	1	1	1	1
30	RELAY SENSING	1171434	2	2	2	2	3	3	3	3
31	FAN SHAFT	1171225	1	1	1	1	1	1	1	1
32	SWITCH PRESS HI O426 C320	1172381	2	2	2	2	2	2	2	2
33	SWITCH PRESS LO O27 C44	1171868	2	2	2	2	2	2	2	2
34	RELAY 24V DPST 9400-03Q228	1171436	2	2	*	*	*	*	*	*
34	RELAY 24V SPDT R8222B1117	1171806	*	*	2	2	*	*	*	*
35	TERMINAL BOARD	1173187	1	1	1	1	1	1	1	1
36	TERMINAL BLOCK	1171485	1	1	*	*	1	1	1	1
36	TERMINAL BLOCK 1P 175A 600V	1171486	*	*	1	1	*	*	*	*
38	VALVE TXV 11.0 EBSVE-11-GA	1173561	*	*	*	*	2	2	2	2
38	VALVE TXV 11.0 NONBLD	1171858	1	1	1	1	*	*	*	*
39	VALVE TXV 8.0 NONBLD	1171860	1	1	1	1	*	*	*	*
41	WHEEL BD12x12x1-7/16 REV CV	1171052	2	2	2	2	2	2	2	2
44	HTR CC WP 70W240V CH254-00	1171861	2	2	*	*	*	*	*	*
44	HTR CC WP 70W240V CH354	1171859	*	*	*	*	1	1	*	*
44	HTR CC WP 70W480V CH254-03	1171866	*	*	2	2	*	*	1	1
45	HEATER CC WP 40W 240V	1171850	*	*	*	*	2	2	*	*
45	HTR CC WP 40W460V CH-245-7	1171827	*	*	*	*	*	*	2	2
46	INDUCER MOTOR ASY	1171793	1	1	1	1	*	*	*	*
51	FREEZE STAT O30 C45	1171252	2	2	2	2	2	2	2	2
52	SWITCH LMT 130-30	1171476	1	1	1	1	1	1	1	1
53	HT EX 6S	1171286	1	*	1	*	1	*	1	*
53	HT EX 7S	1171285	*	1	*	1	*	1	*	1
54	MTR VNT 1/230 1/16	1171333	1	1	*	*	1	1	*	*
54	MTR VNT 1/460 1/16	1171339	*	*	1	1	*	*	1	1
55	FAN C 3.25" 12B 5/16" INT	1171222	1	1	1	1	1	1	1	1
56	WHEEL DD6.3x2.0x5/16 CCW FL	1171051	1	1	1	1	1	1	1	1
57	MANIFOLD ASY	1171330	1	*	1	*	1	*	1	*
57	MANIFOLD ASY	1171331	*	1	*	1	*	1	*	1
58	BURNER ASY	1171096	4	5	4	5	4	5	4	5
59	BURNER ASY	1171088	2	2	2	2	2	2	2	2
60	RING INSERT	1171439	6	7	6	7	6	7	6	7
61	GAS VALVE	1176390	1	1	1	1	1	1	1	1
62	SWITCH LMT 225-50	1171484	1	1	1	1	1	1	1	1
63	ORIFICE MAIN 29	1171460	*	7	*	7	*	7	*	7
63	ORIFICE MAIN 30	1171461	6	*	6	*	6	*	6	*
64	SENSOR FLAME	1171448	1	1	1	1	1	1	1	1
65	IGNITOR	1171305	1	1	1	1	1	1	1	1
66	MODULE IGN UT 1068-11	1171166	1	1	*	*	1	1	*	*
66	MODULE IGN UT 1068-12	1171165	*	*	1	1	*	*	1	1
67	SWITCH LMT 140-30	1171475	*	1	*	1	*	1	*	1
67	SWITCH TEMP DISC O120 C9	1173181	1	*	1	*	1	*	1	*
AA	BRACKET MOTOR	1171075	1	1	1	1	1	1	1	1
AB	BRACKET FILTER	1171084	1	1	1	1	1	1	1	1
AC	ANGLE FILTER	1171085	*	*	*	*	1	1	1	1

PGE240 & 300 PARTS LIST (continued)

KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE240HDA00AAA	PGE240HFA00AAA	PGE240LDA00AAA	PGE240LFA00AAA	PGE300HDA00AAA	PGE300HFA00AAA	PGE300LDA00AAA	PGE300LFA00AAA
AD	CAP TOP	1173430	*	*	*	*	1	1	1	1
AE	CHANNEL DUCT	1171111	1	1	1	1	1	1	1	1
AF	ANGLE	1171118	1	1	1	1	1	1	1	1
AG	CONTROL BOX	1171167	1	1	1	1	1	1	1	1
AH	CORNER POST	1171171	1	1	1	1	1	1	1	1
AJ	INSULATION ASY	1171284	1	1	1	1	*	*	*	*
AJ	PANEL ACCESS	1171086	*	*	*	*	1	1	1	1
AK	COVER	1171183	1	1	1	1	1	1	1	1
AL	CONTROL BOX COVER	1171316	1	1	*	*	*	*	*	*
AL	CONTROL BOX COVER	1171882	*	*	1	1	1	1	1	1
AM	DECK SUPPORT	1171189	*	*	*	*	4	4	4	4
AN	INSULATION ASY	1171209	1	1	1	1	1	1	1	1
AP	BRACKET FAN	1171210	2	2	2	2	2	2	2	2
AR	BRACKET FAN	1171212	1	1	1	1	1	1	1	1
AS	BRACKET FAN	1171211	1	1	1	1	1	1	1	1
AT	FAN DECK	1171215	1	1	1	1	1	1	1	1
AV	FAN DECK	1171213	1	1	1	1	1	1	1	1
AW	FAN SCROLL	1171224	2	2	2	2	2	2	2	2
AX	FAN UPRIGHT	1171226	1	1	1	1	1	1	1	1
AY	FILTER AIR 16X20X2 DISP	1171229	4	4	4	4	4	4	4	4
AZ	ACCESS PANEL	1171377	2	2	2	2	*	*	*	*
BA	WELD ASY	1171236	1	1	1	1	1	1	1	1
BB	WELD ASY	1171237	1	1	1	1	1	1	1	1
BC	BRACKET FILTER	1171241	1	1	1	1	1	1	1	1
BD	PLATE BLOCKOFF	1171366	2	2	2	2	*	*	*	*
BE	INSULATION ASY	1171217	1	1	1	1	*	*	*	*
BF	GUARD ASY FAN	1171272	2	2	2	2	6	6	6	6
BG	GRILLE OUTDOOR COIL	1173498	*	*	*	*	2	2	2	2
BH	COVER WIRE	1171273	1	1	1	1	2	2	2	2
BJ	HEAT BAFFLE	1171283	1	1	1	1	1	1	1	1
BK	INSULATION ASY	1171290	1	1	1	1	1	1	1	1
BL	WELD ASY	1171292	1	1	1	1	1	1	1	1
BM	WELD ASY	1171291	1	1	1	1	1	1	1	1
BN	PANEL BLOCK OFF	1176646	*	*	*	*	1	1	1	1
BN	POST CONDENSER	1171411	1	1	1	1	*	*	*	*
BP	FAN DECK	1171310	1	1	1	1	1	1	1	1
BR	BASE RAIL	1171027	1	1	1	1	*	*	*	*
BR	INSULATION ASY	1171284	*	*	*	*	1	1	1	1
BS	INSULATION ASY	1171319	1	1	1	1	1	1	1	1
BT	PLATE ASY	1171346	1	1	1	1	1	1	1	1
BV	BASE PAN	1176649	*	*	*	*	1	1	1	1
BV	BASE RAIL	1171028	1	1	1	1	*	*	*	*
BW	FAN DECK	1171355	1	1	1	1	1	1	1	1
BX	HOOD DRAIN PAN	1171358	1	1	1	1	1	1	1	1
BY	INSULATION ASY	1171361	1	1	1	1	1	1	1	1
BZ	ACCESS PANEL	1171378	1	1	1	1	1	1	1	1
CA	ACCESS PANEL	1171379	2	2	2	2	2	2	2	2
CB	PANEL CONDENSER	1173529	*	*	*	*	1	1	1	1
CB	POST CONDENSER	1171176	1	1	1	1	*	*	*	*
CC	COMPRESSOR RAIL	1171140	2	2	2	2	*	*	*	*
CC	PANEL CONDENSER	1173530	*	*	*	*	1	1	1	1

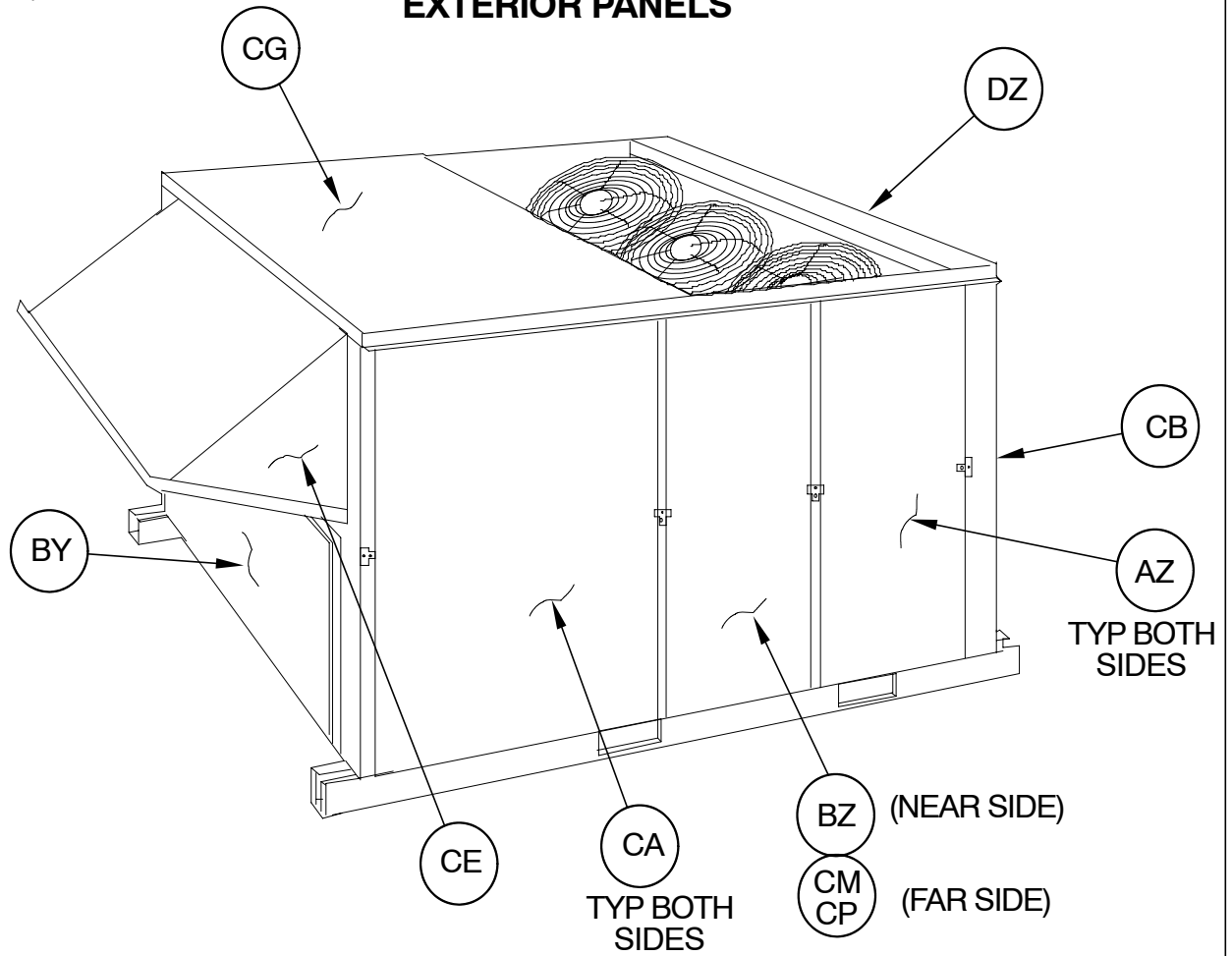
PGE240 & 300 PARTS LIST (continued)

KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE240HDA00AAA	PGE240HFA00AAA	PGE240LDA00AAA	PGE240LFA00AAA	PGE300HDA00AAA	PGE300HFA00AAA	PGE300LDA00AAA	PGE300LFA00AAA
CD	SIDE HOOD	1171381	1	1	1	1	1	1	1	1
CE	SIDE HOOD	1171380	1	1	1	1	1	1	1	1
CF	NUT RIVIT INSERT	1172408	8	8	8	8	*	*	*	*
CF	PANEL OUTDOOR COIL	1173531	*	*	*	*	2	2	2	2
CG	INSULATION ASY	1171360	1	1	1	1	1	1	1	1
CH	BASE RAIL	1176650	*	*	*	*	1	1	1	1
CH	SUPPORT TOP	1171465	1	1	1	1	*	*	*	*
CJ	SUPPORT TOP	1171847	1	1	1	1	*	*	*	*
CK	CENTER POST	1171083	4	4	4	4	4	4	4	4
CL	BRACKET ZEE	1171332	1	1	1	1	*	*	*	*
CL	POST CONDENSER	1173534	*	*	*	*	1	1	1	1
CM	PANEL ACCESS	1171086	1	1	1	1	*	*	*	*
CM	POST CONDENSER	1173535	*	*	*	*	1	1	1	1
CN	CORNER POST	1171408	1	1	1	1	1	1	1	1
CP	BASE RAIL	1176651	*	*	*	*	1	1	1	1
CP	WIND CAP ASY	1171519	1	1	1	1	1	1	1	1
CR	INSULATION ASY	1171250	1	1	1	1	1	1	1	1
CS	SPACER PLATE	1171459	1	1	1	1	1	1	1	1
CT	SUPPORT LOWER	1171464	1	1	1	1	1	1	1	1
CV	SUPPORT COIL	1171468	1	1	1	1	1	1	1	1
CW	SUPPORT COIL	1172131	1	1	1	1	1	1	1	1
CX	MOUNT ASY	1171061	2	2	2	2	*	*	*	*
CY	RAIL TOP	1171490	1	1	1	1	1	1	1	1
CZ	FILTER TRACK	1171491	1	1	1	1	1	1	1	1
DA	FILTER TRACK	1171492	3	3	3	3	3	3	3	3
DB	WELD ASY	1171517	1	1	1	1	1	1	1	1
DC	RETAINING CLIP	1171117	6	6	6	6	6	7	6	7
DD	BAFFLE ANGLE	1175921	1	*	1	*	1	1	1	1
DE	TUBE BEARING LUBRICATION	1171501	1	1	1	1	1	1	1	1
DF	UNION	1171840	1	1	1	1	1	1	1	1
DG	NIPPLE	1171855	1	1	1	1	1	1	1	1
DH	BRACKET FUSE	1171256	1	1	1	1	*	*	*	*
DJ	BOLT COMPRESSOR MTG	1171839	8	8	8	8	*	*	*	*
DK	CLAMP MTG	1171116	4	4	4	4	*	*	*	*
DL	MANIFOLD	1171329	1	1	1	1	1	1	1	1
DM	FLUE EXTENSION	1171251	1	1	1	1	1	1	1	1
DN	BLOCKOFF PLATE	1171041	1	1	1	1	1	1	1	1
DR	BRACKET BURNER	1171091	1	1	1	1	1	1	1	1
DS	BRACKET BURNER	1171093	1	1	1	1	1	1	1	1
DT	BRACKET BURNER	1171074	1	1	1	1	1	1	1	1
DV	BAFFLE GAS	1171018	6	6	6	6	6	6	6	6
DY	COVER ASY	1171298	1	1	1	1	*	*	*	*
DZ	COVER TOP	1171489	1	1	1	1	*	*	*	*
EA	INSULATION	1175920	1	1	1	1	1	1	1	1
EB	HOUSING	1171299	1	1	1	1	1	1	1	1
EC	BOX FLUE TOP	1171248	1	1	1	1	1	1	1	1
ED	BOX FLUE BOTTOM	1171249	1	1	1	1	1	1	1	1
EF	MOTOR CHANEL	1171344	1	1	1	1	1	1	1	1
EG	GROMMET	1175907	8	8	8	8	*	*	*	*
EH	SUPPORT HEAT EXCHANGER	1175944	1	1	1	1	1	1	1	1
EJ	SUPPORT BURNER	1171092	1	1	1	1	1	1	1	1

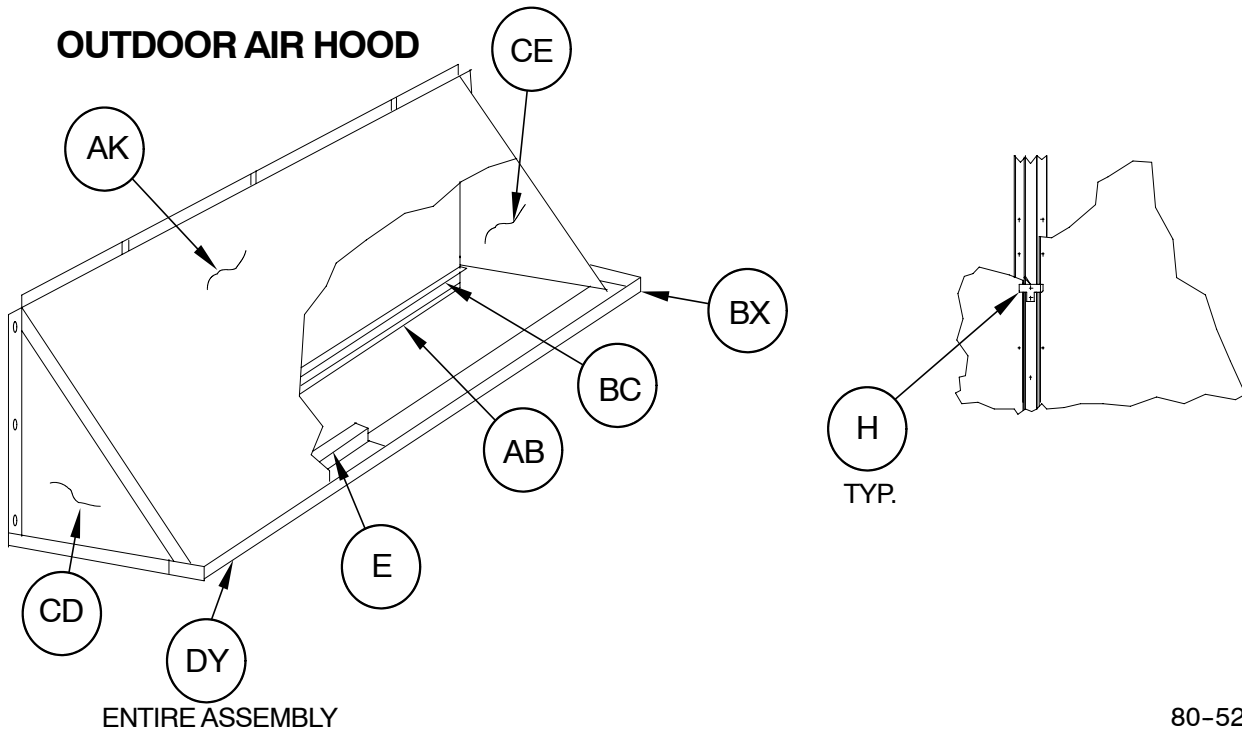
PGE240 & 300 PARTS LIST (continued)										
KEY NO.	DESCRIPTION	FAST PARTS NO.	PGE240HDA00AAA	PGE240HFA00AAA	PGE240LDA00AAA	PGE240LFA00AAA	PGE300HDA00AAA	PGE300HFA00AAA	PGE300LDA00AAA	PGE300LFA00AAA
EK	FLAME RETAINER	1171246	1	*	1	*	1	*	1	*
EK	FLAME RETAINER	1171438	*	1	*	1	*	1	*	1
A	BRACKET ZEE	1171332	*	*	*	*	1	1	1	1
B	FILTER AIR 20X20X2 DISP	1171010	4	4	4	4	4	4	4	4
C	SUPPORT ANGLE	1171014	1	1	1	1	1	1	1	1
D	ANGLE STOP	1171013	1	1	1	1	1	1	1	1
E	FILTER ANGLE	1171015	1	1	1	1	1	1	1	1
F	INSULATION ASY	1171017	1	1	1	1	1	1	1	1
G	BAFFLE OUTDOOR HOOD	1171016	*	*	*	*	1	1	1	1
G	BLOCKOFF	1175397	2	2	2	2	*	*	*	*
H	LATCH ASY	1171019	8	8	8	8	8	8	8	8
J	RETAINER	1171204	1	1	1	1	1	1	1	1
K	BASE PAN	1171021	1	1	1	1	1	1	1	1
L	INSULATION ASY	1171022	1	1	1	1	1	1	1	1
M	ANGLE BASE RAIL	1171029	2	2	2	2	2	2	2	2
N	BASE RAIL	1171030	1	1	1	1	1	1	1	1
P	BRACKET	1171036	2	2	2	2	2	2	2	2
R	BLOCKOFF PANEL	1171042	1	1	1	1	1	1	1	1
S	CUTOFF BLOWER	1171044	2	2	2	2	2	2	2	2
T	PLATE FANSIDE	1171047	2	2	2	2	2	2	2	2
V	PLATE FANSIDE	1171046	2	2	2	2	2	2	2	2
W	BOLT BELT ADJUST	1171055	2	2	2	2	2	2	2	2
X	UPPER BRACE	1171060	1	1	1	1	1	1	1	1
Y	BRACKET	1172140	1	1	1	1	1	1	1	1
Z	BRACKET MOTOR	1171076	1	1	1	1	1	1	1	1
PARTS NOT SHOWN										
)(	ANGLE FILTER	1171085	1	1	1	1	*	*	*	*
)(	FILTER AIR 20X20X1 WASHABLE	1171243	1	1	1	1	1	1	1	1
)(	FILTER AIR 20X25X1 WASHABLE	1171244	2	2	2	2	2	2	2	2
)(	FILTER PACKAGE	1171235	1	1	1	1	1	1	1	1
)(	HARNESS ASY	1173171	*	*	1	1	*	*	1	1
)(	HARNESS ASY	1173504	*	*	*	*	1	1	1	1
)(	HARNESS ASY	1173505	*	*	1	1	1	1	1	1
)(	HARNESS ASY	1173506	1	1	*	*	*	*	*	*
)(	HARNESS ASY	1173507	1	1	*	*	1	1	*	*
)(	HARNESS ASY	1173508	*	*	*	*	1	1	1	1
)(	HARNESS ASY	1175464	*	*	1	1	*	*	*	*
)(	HARNESS ASY	1176402	1	1	*	*	*	*	*	*
)(	HARNESS ASY	1176639	*	*	*	*	1	1	*	*
)(	HARNESS ASY	1176640	*	*	*	*	*	*	1	1

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

EXTERIOR PANELS



OUTDOOR AIR HOOD



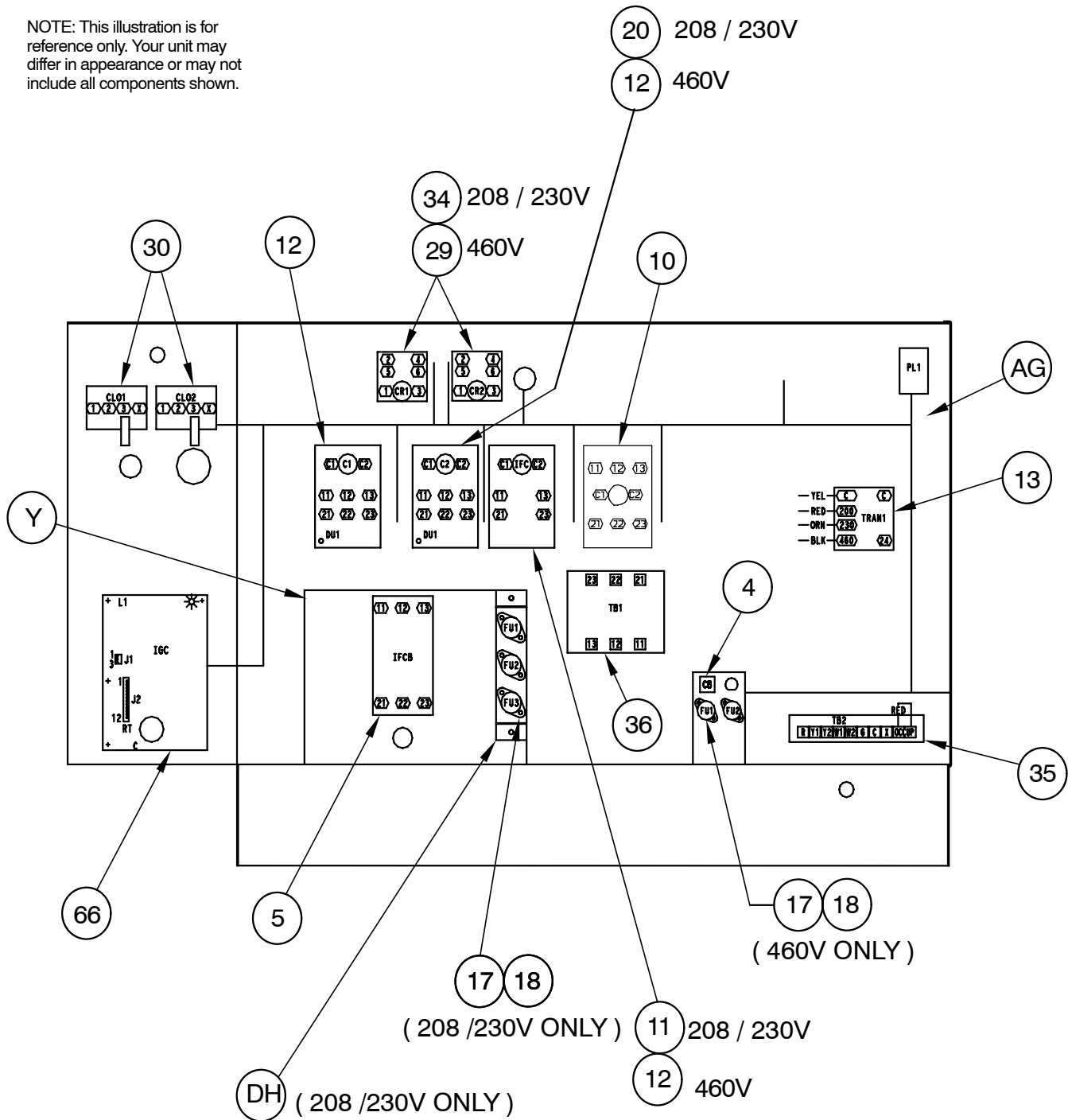
80-52-16

[illegible]

12 521 04 1201 00

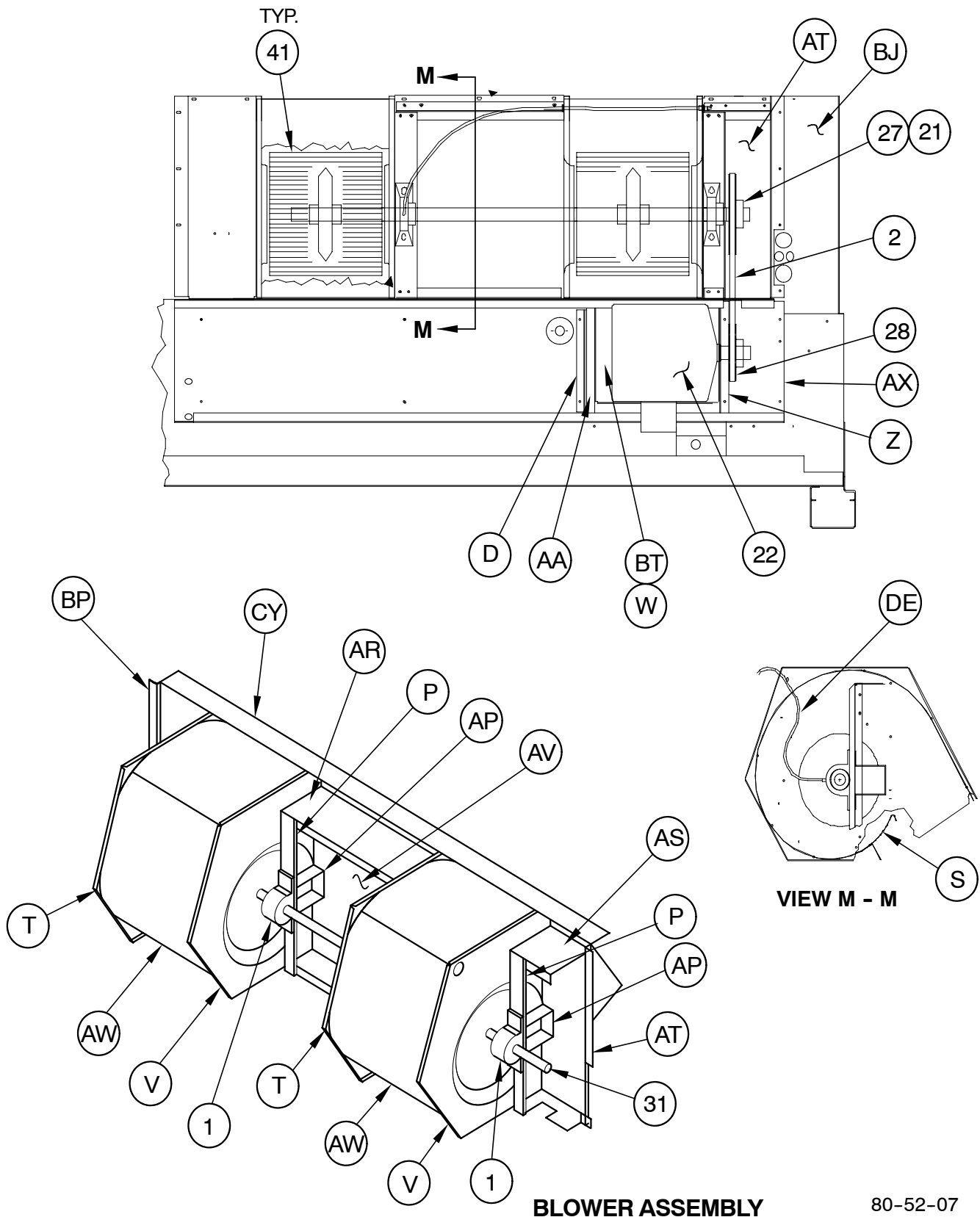
PGE240

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



PGE180 , 210 , 240 & 300

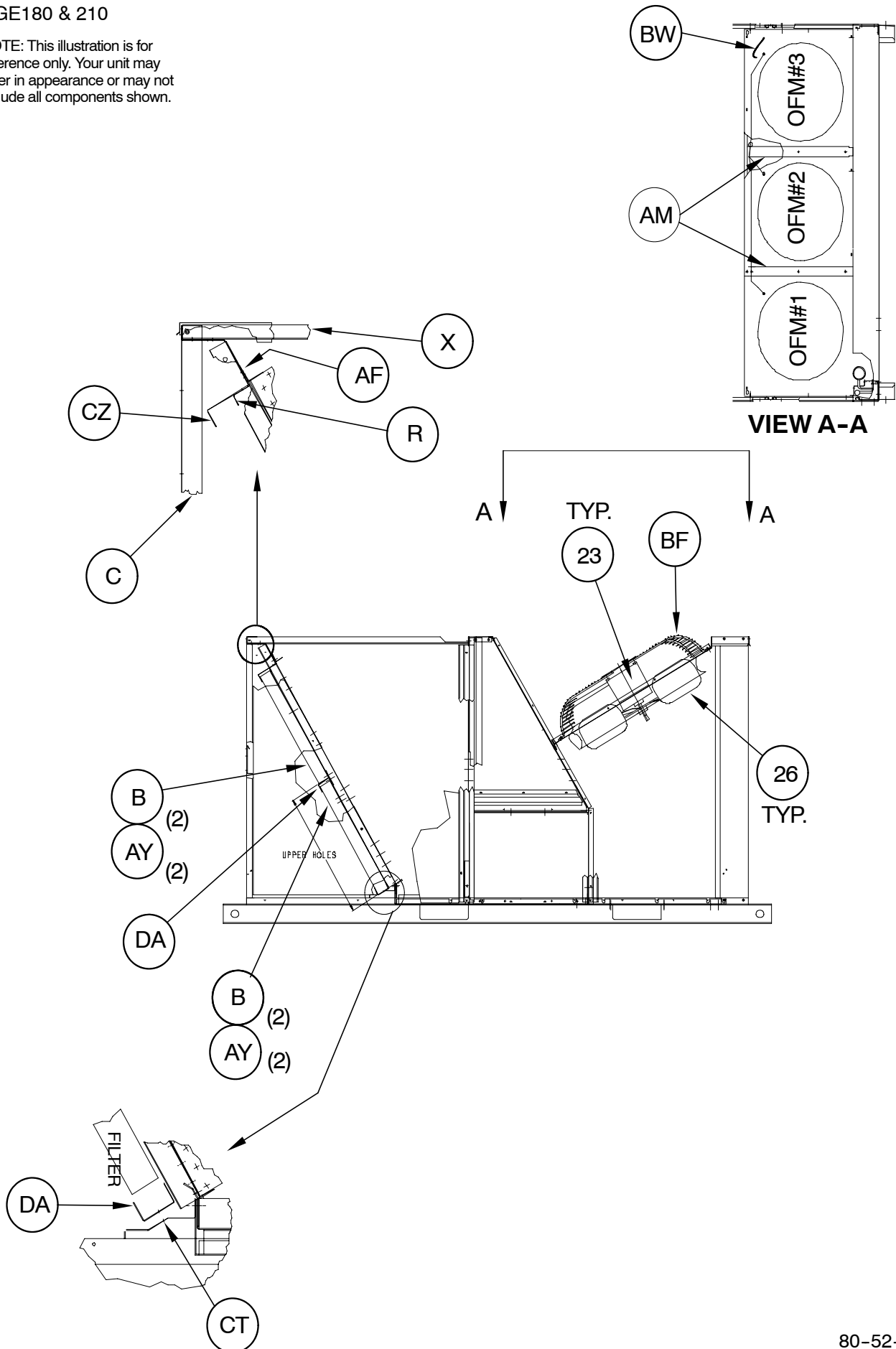
NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.



80-52-07

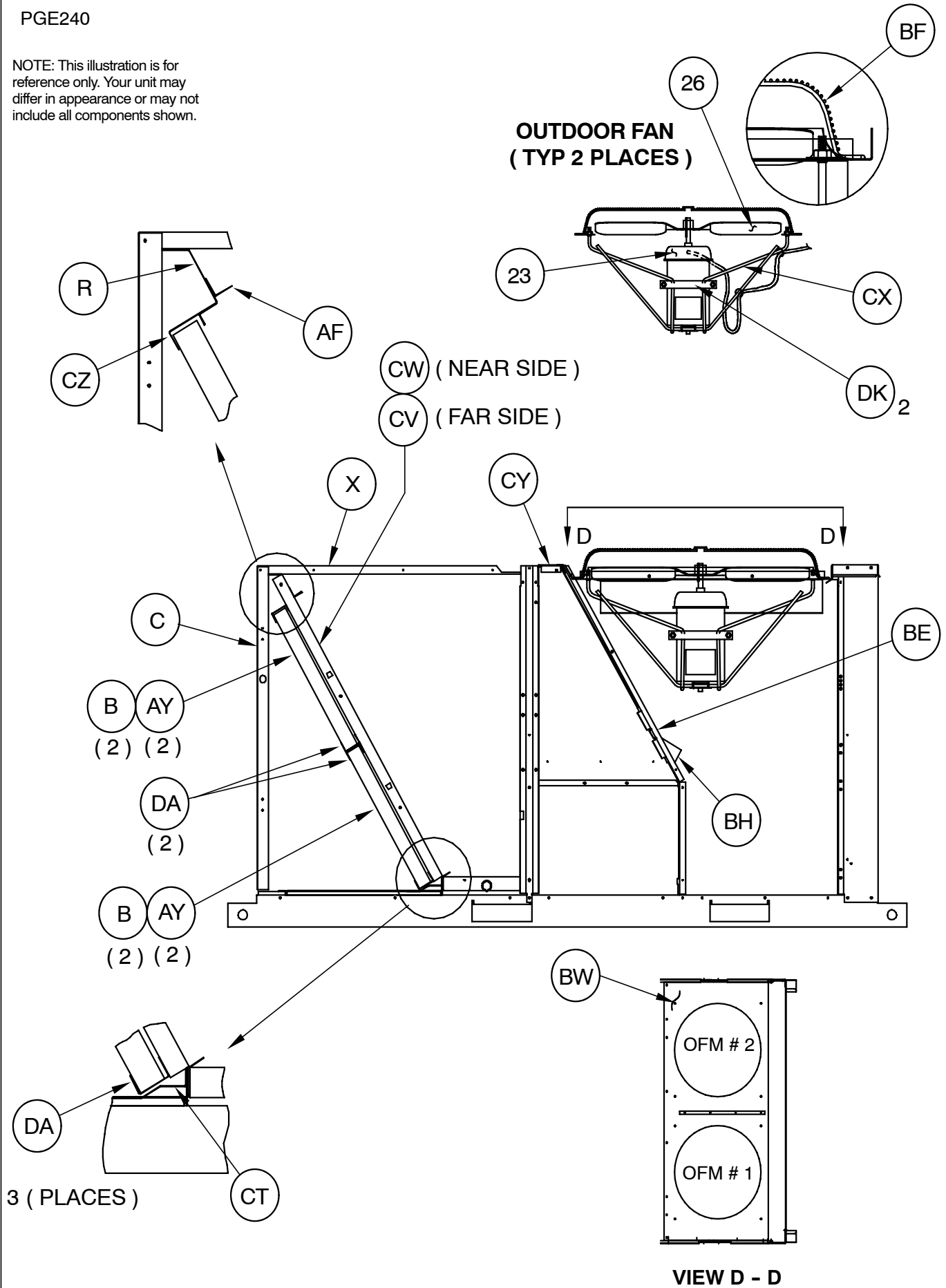
PGE180 & 210

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



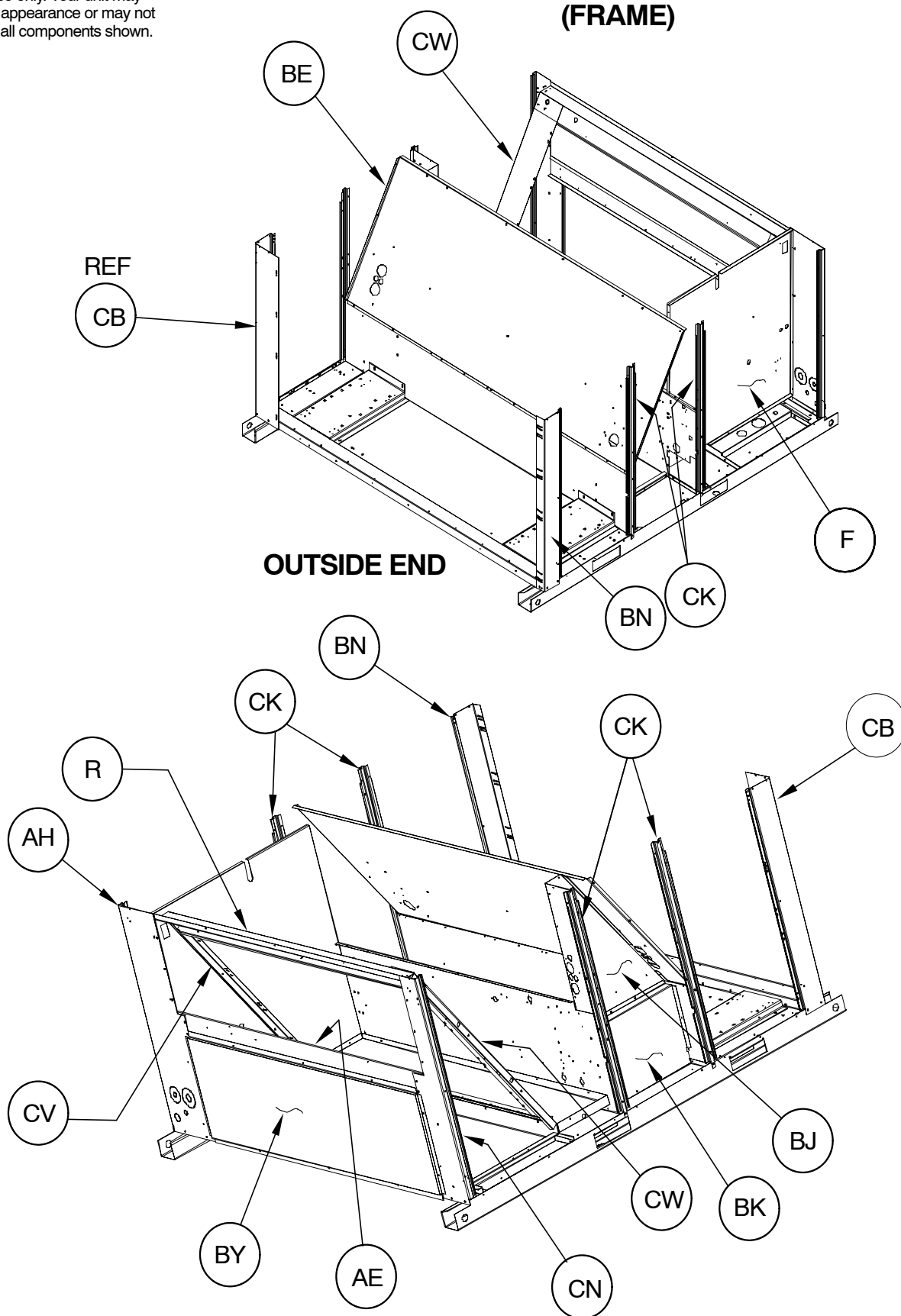
80-52-13

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.

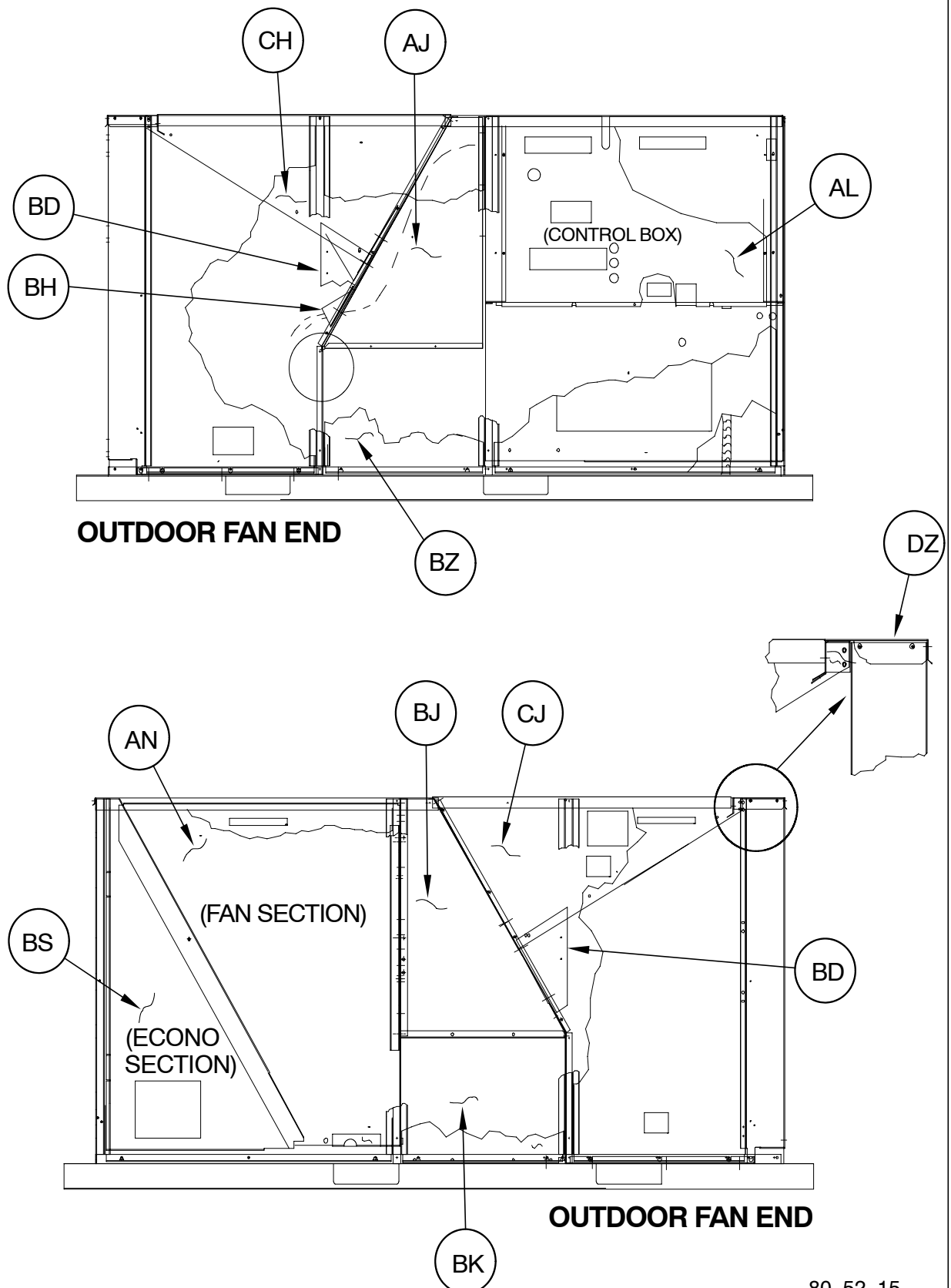
CASING GROUP (FRAME)



80-52-14

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

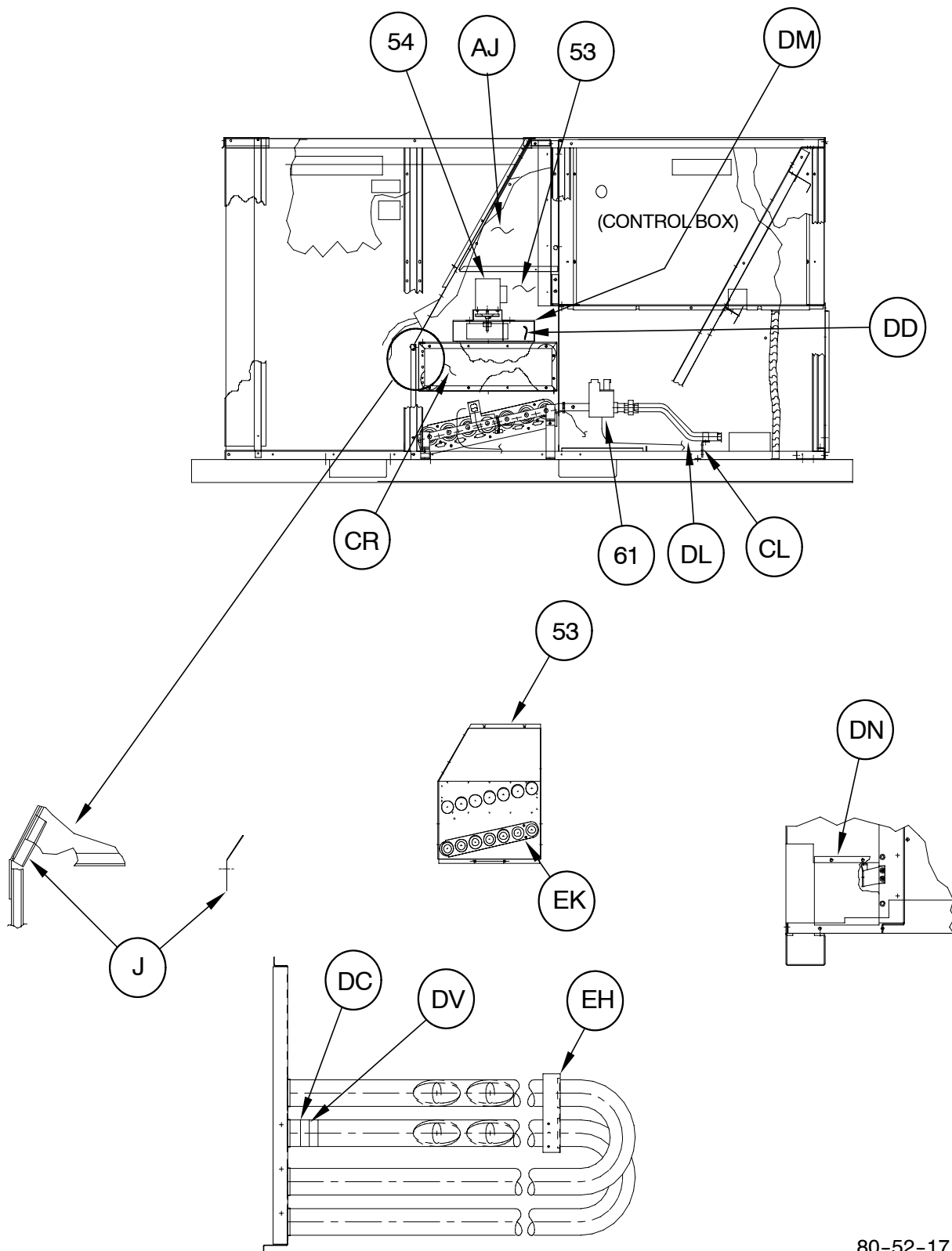
CASING GROUP



80-52-15

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

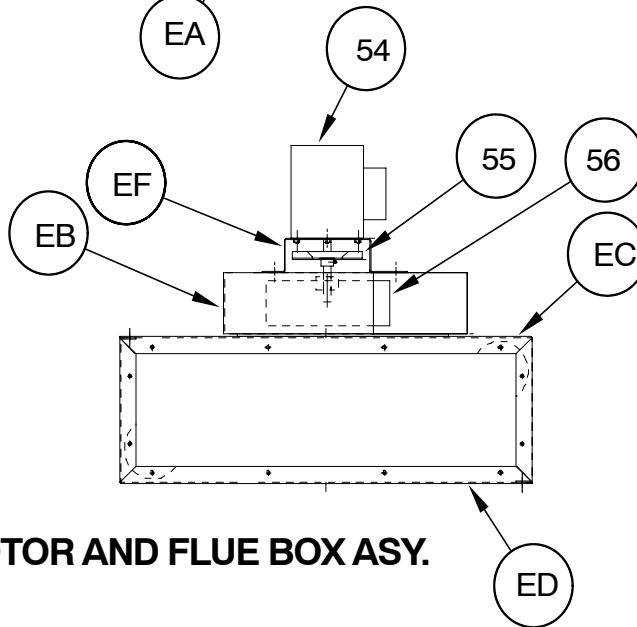
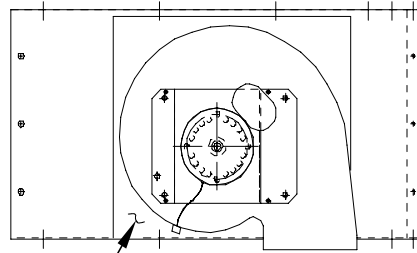
GAS HEAT GROUP



80-52-17

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

GAS HEAT GROUP

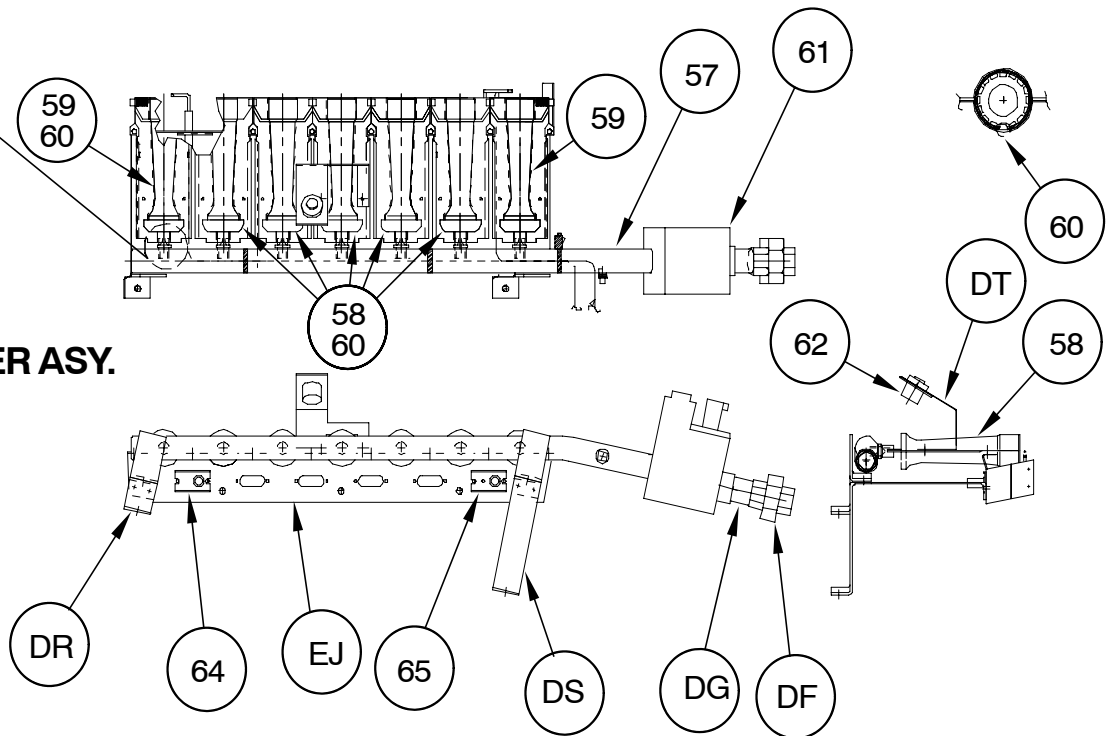


MOTOR AND FLUE BOX ASY.

TYP.

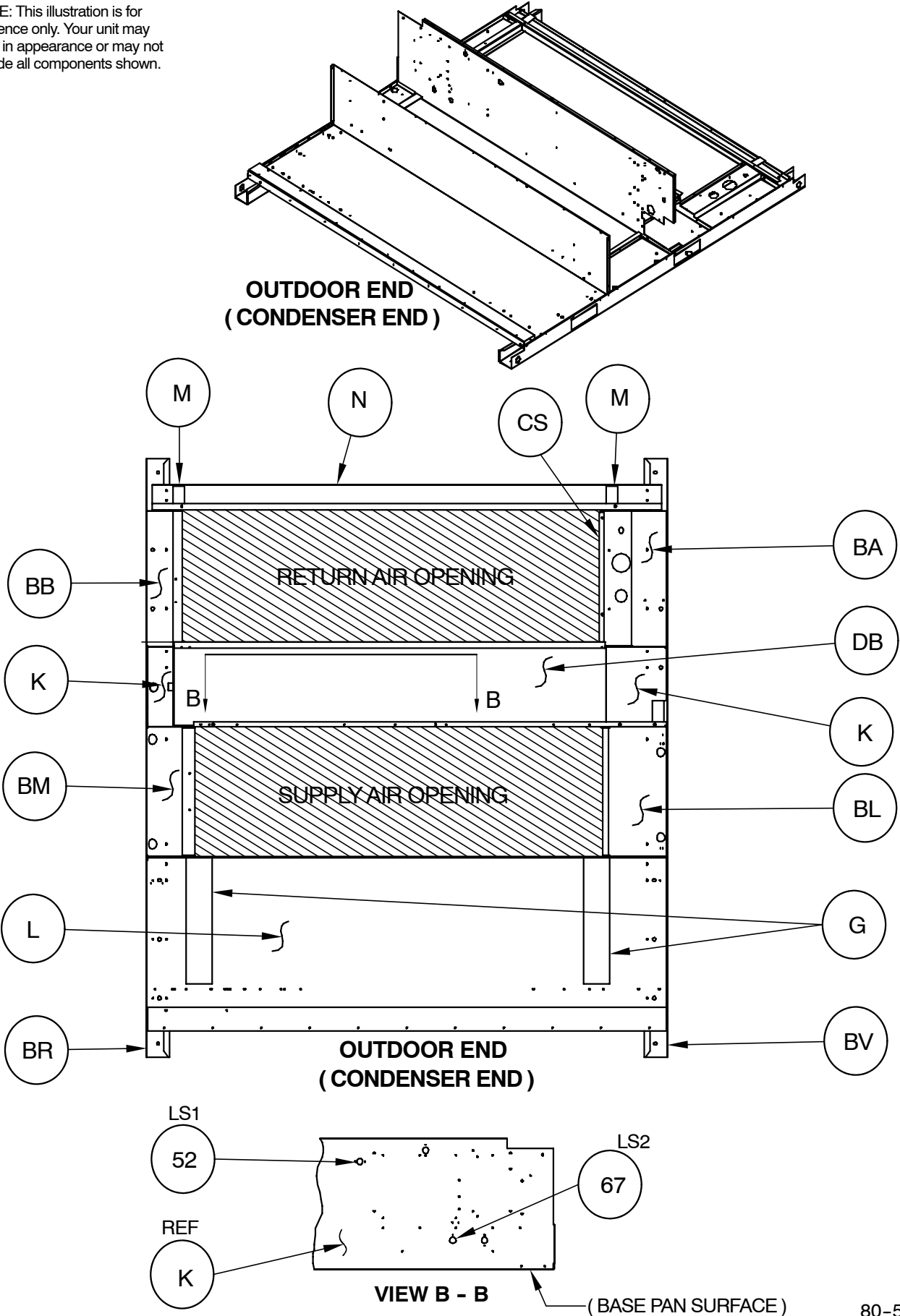
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BURNER ASY.



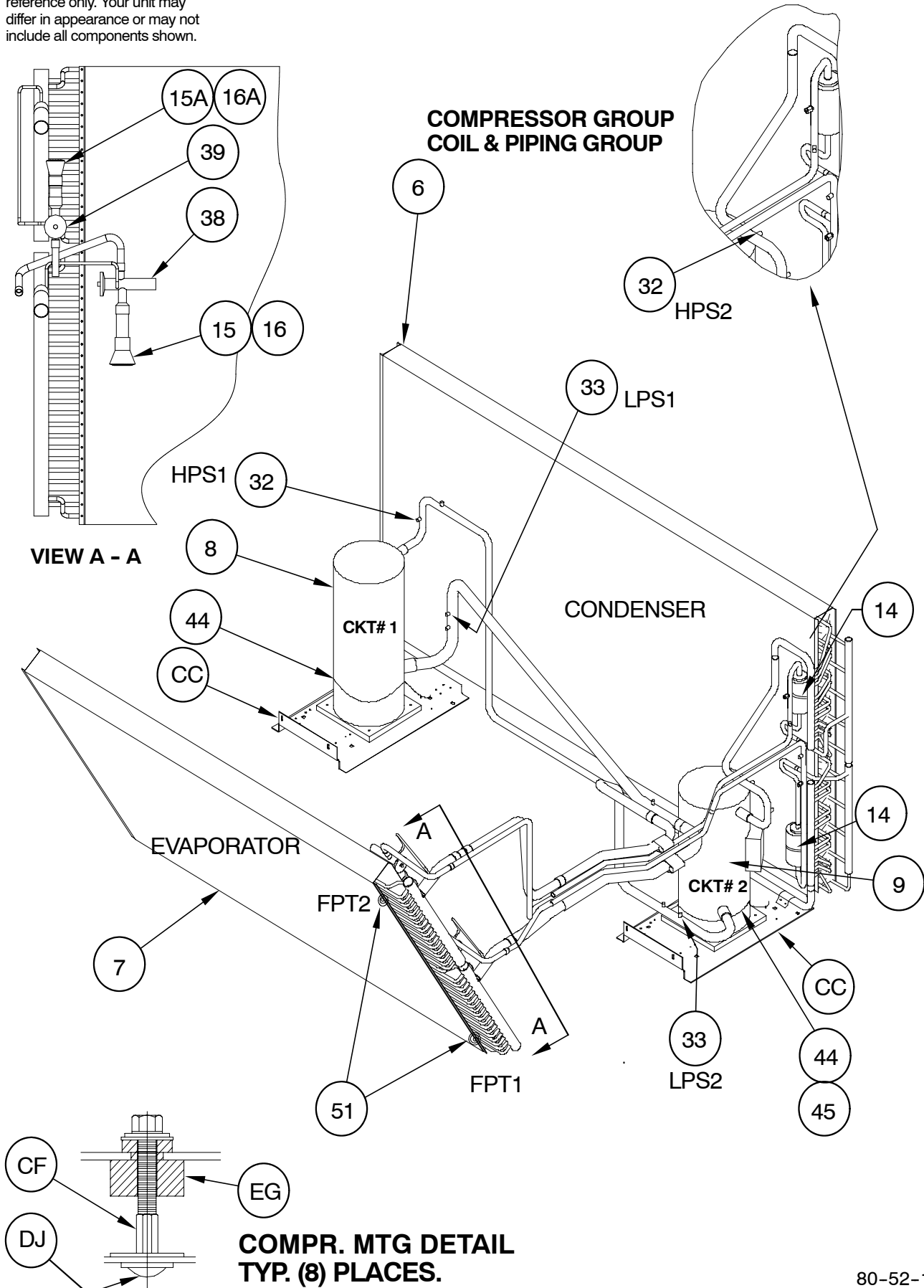
PGE180 & 210

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



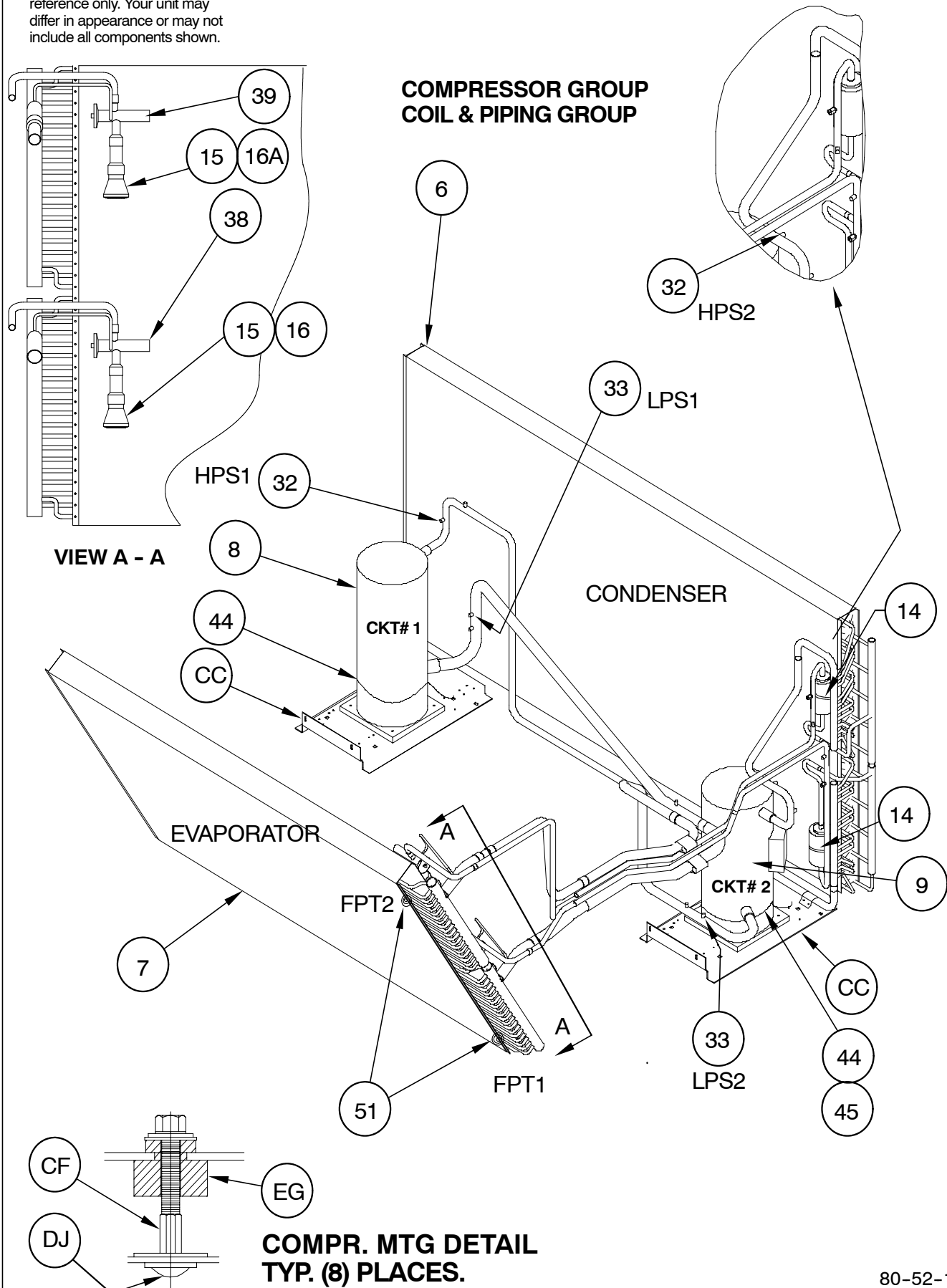
PGE180 & 240

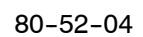
NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.



80-52-10

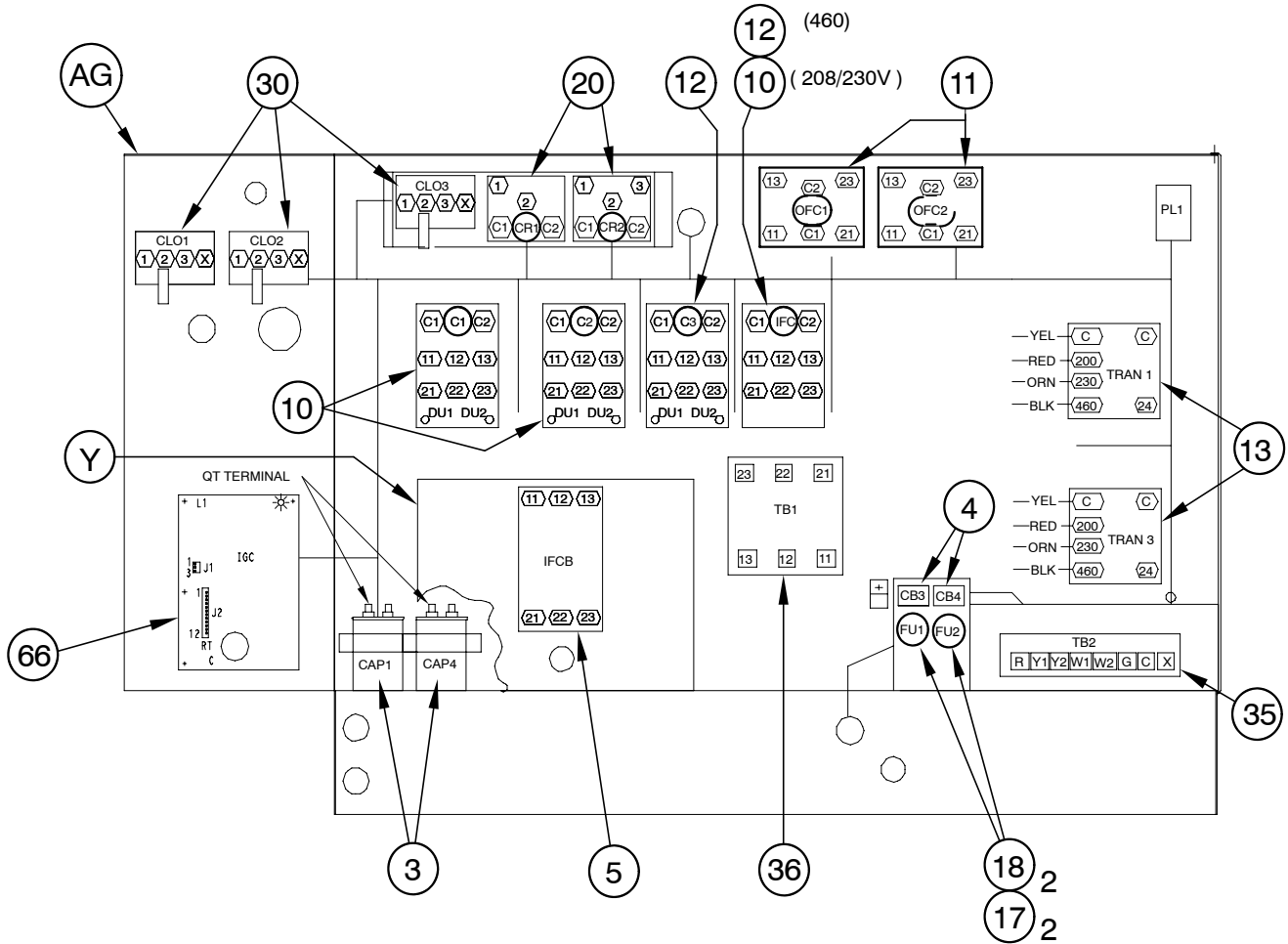
NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.



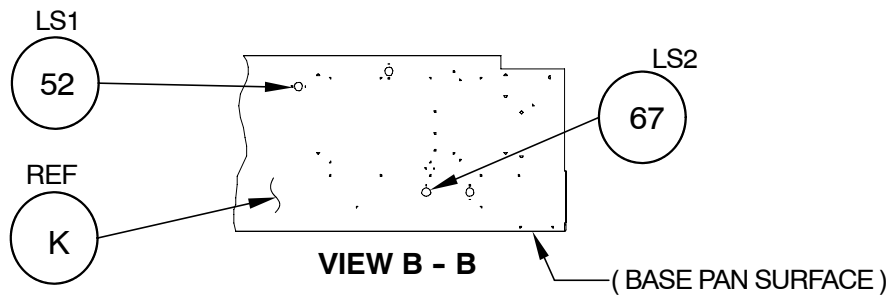
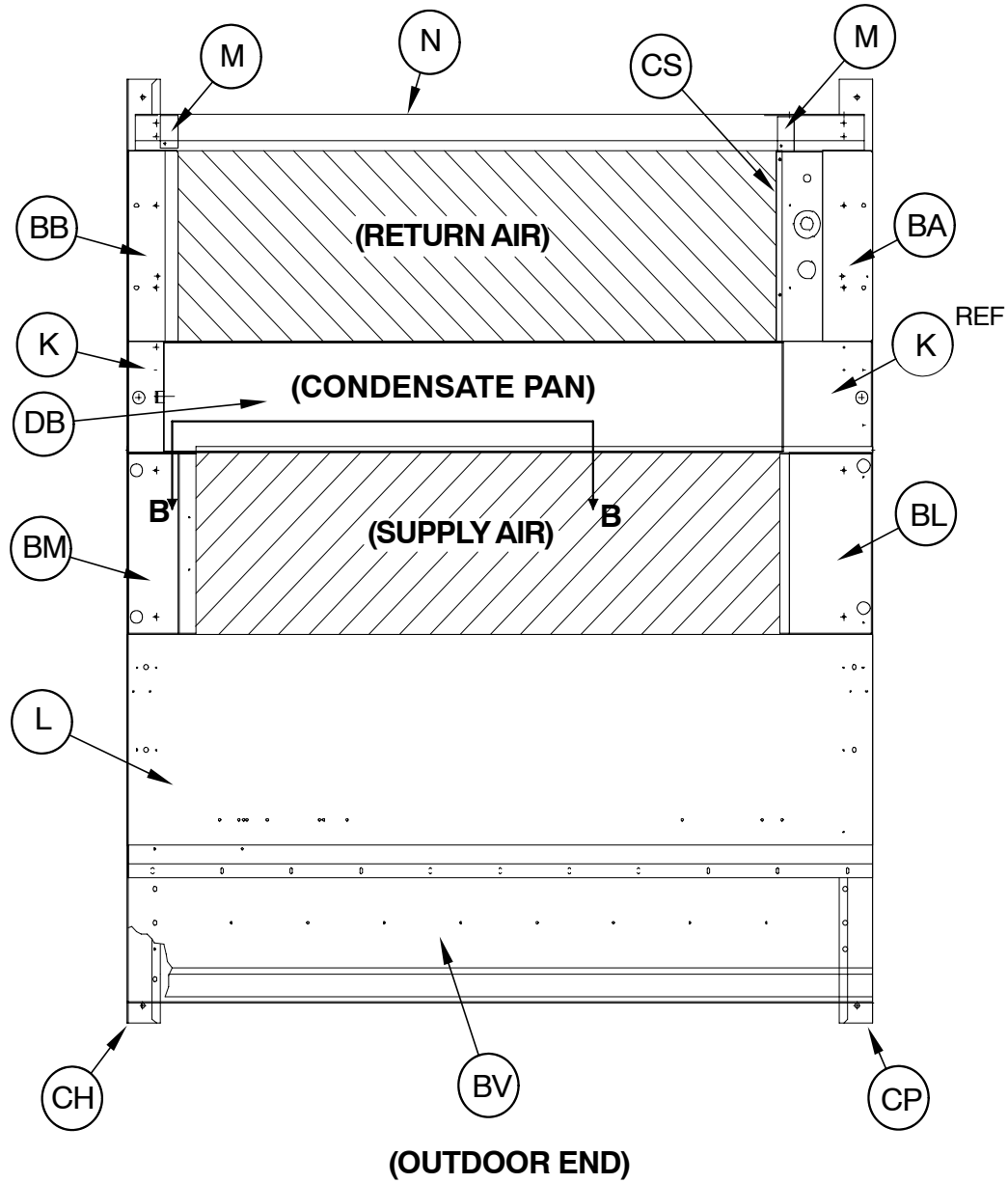


NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.

CONTROL BOX GROUP

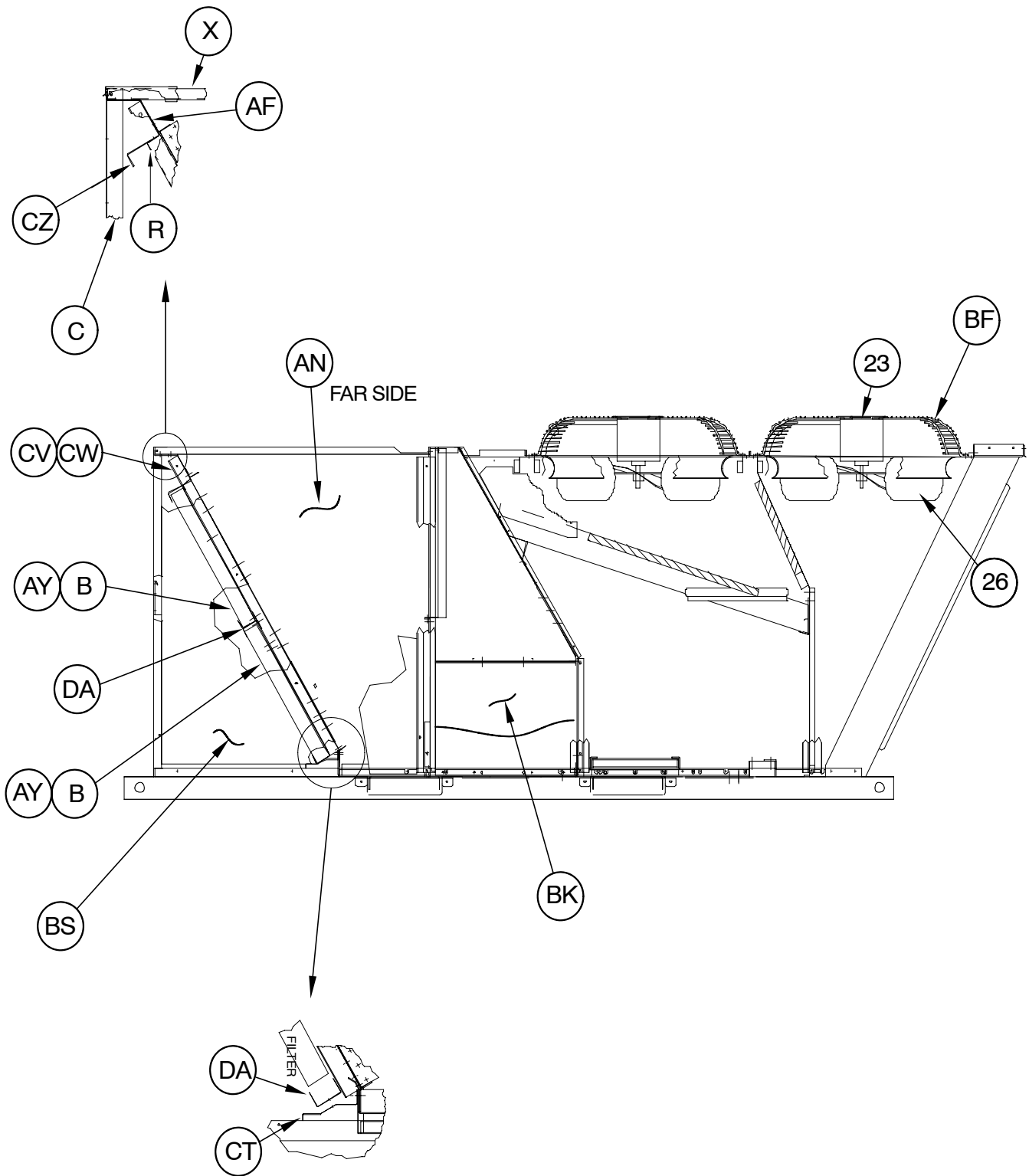


NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.



PGE300

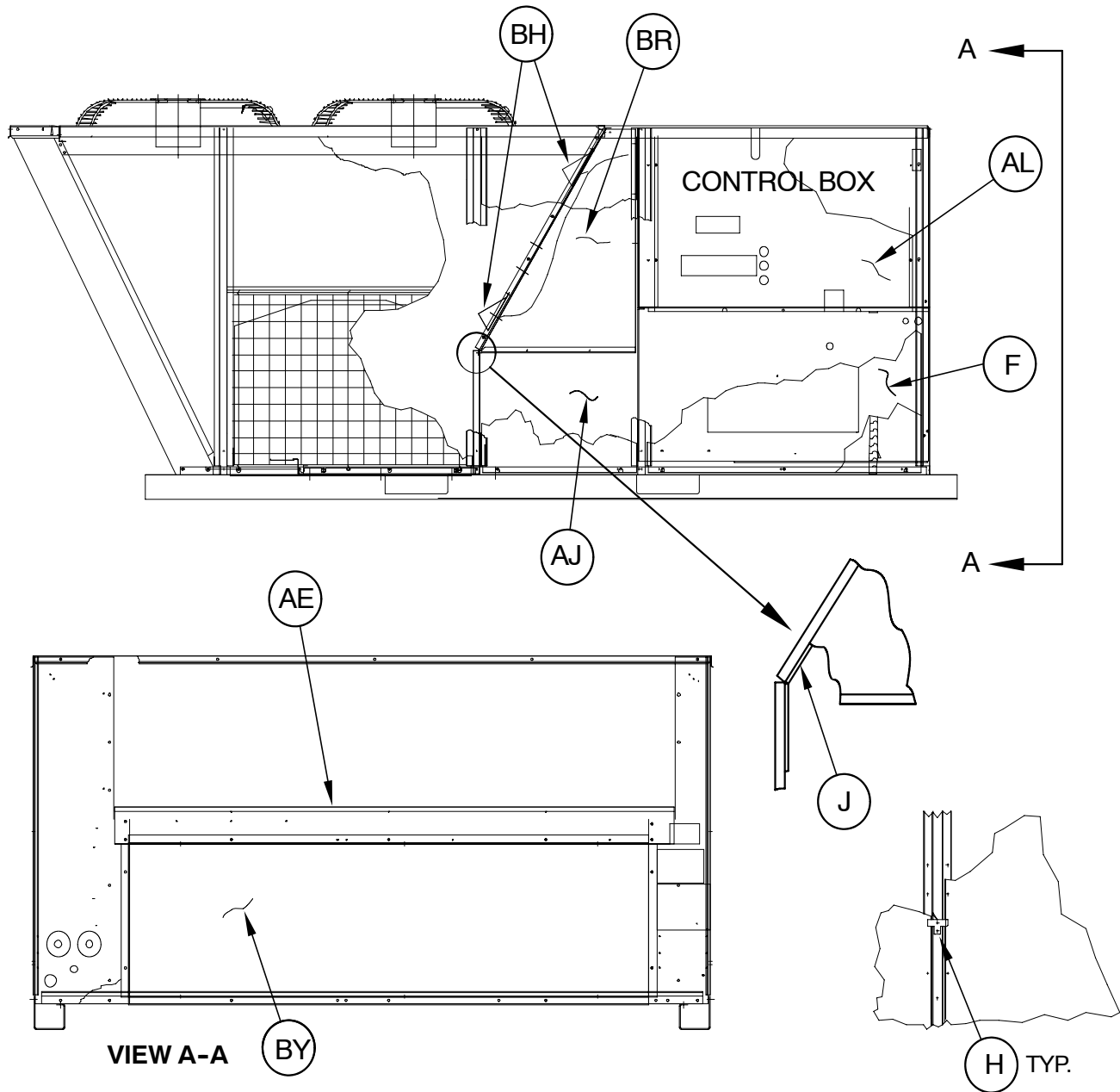
NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.



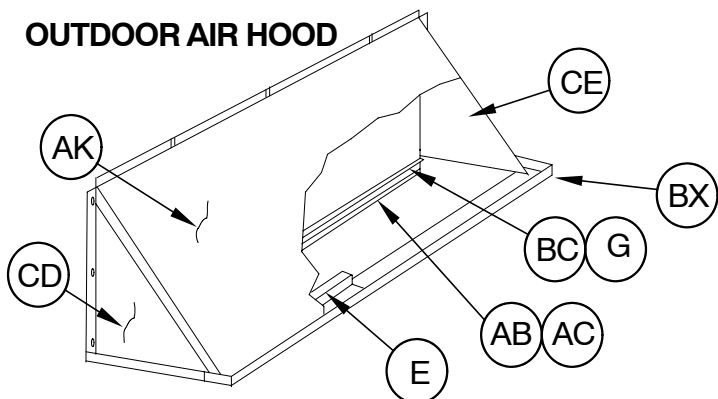
80-52-08

PGE300

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



OUTDOOR AIR HOOD



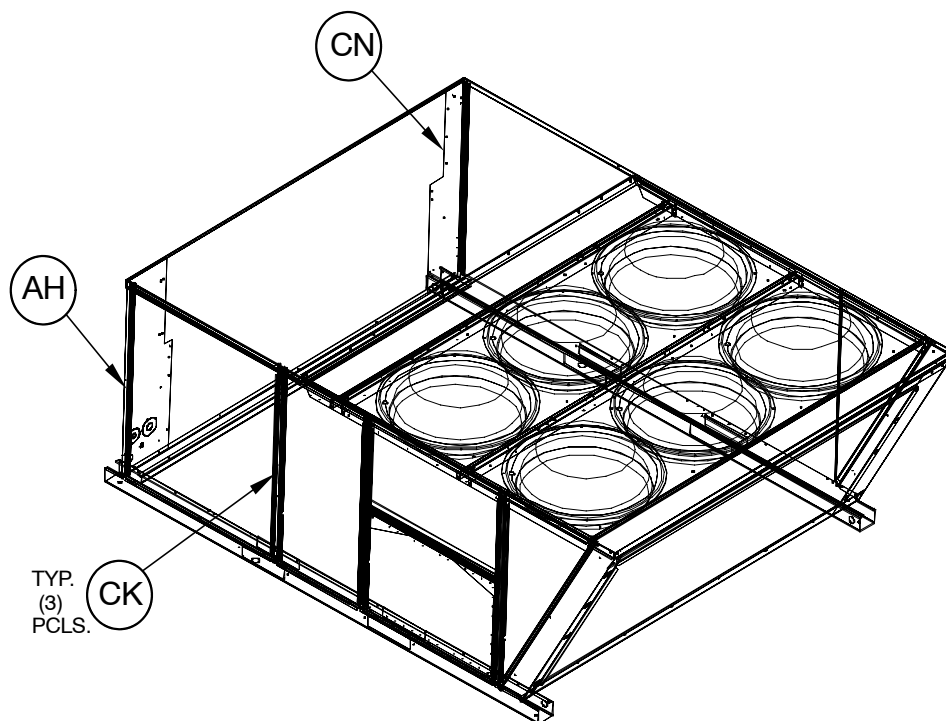
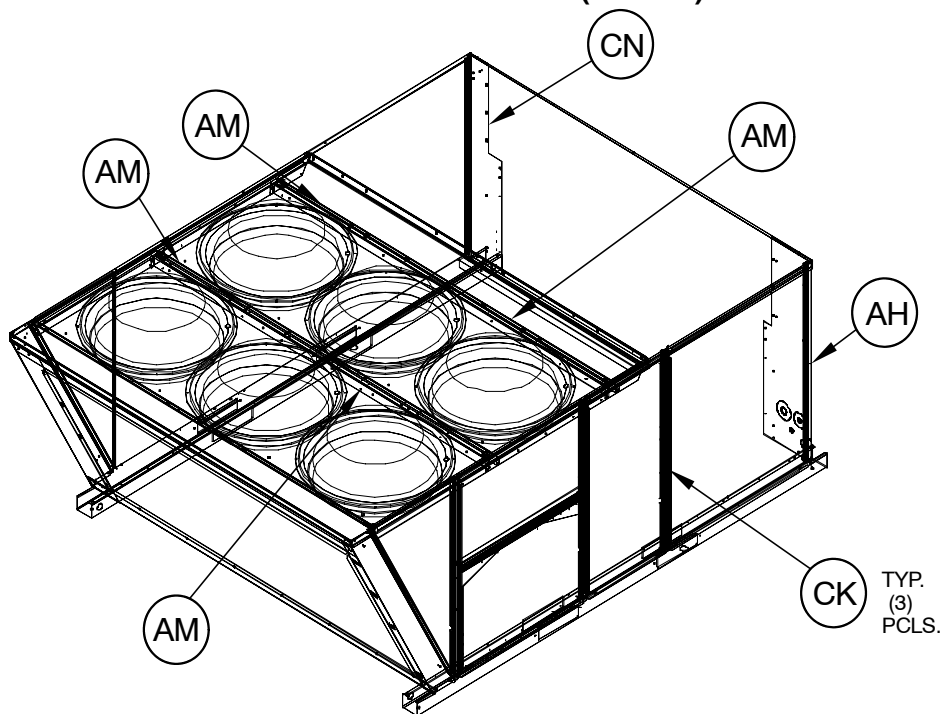
25% AIR & ECONO HOODS

80-52-05

PGE300

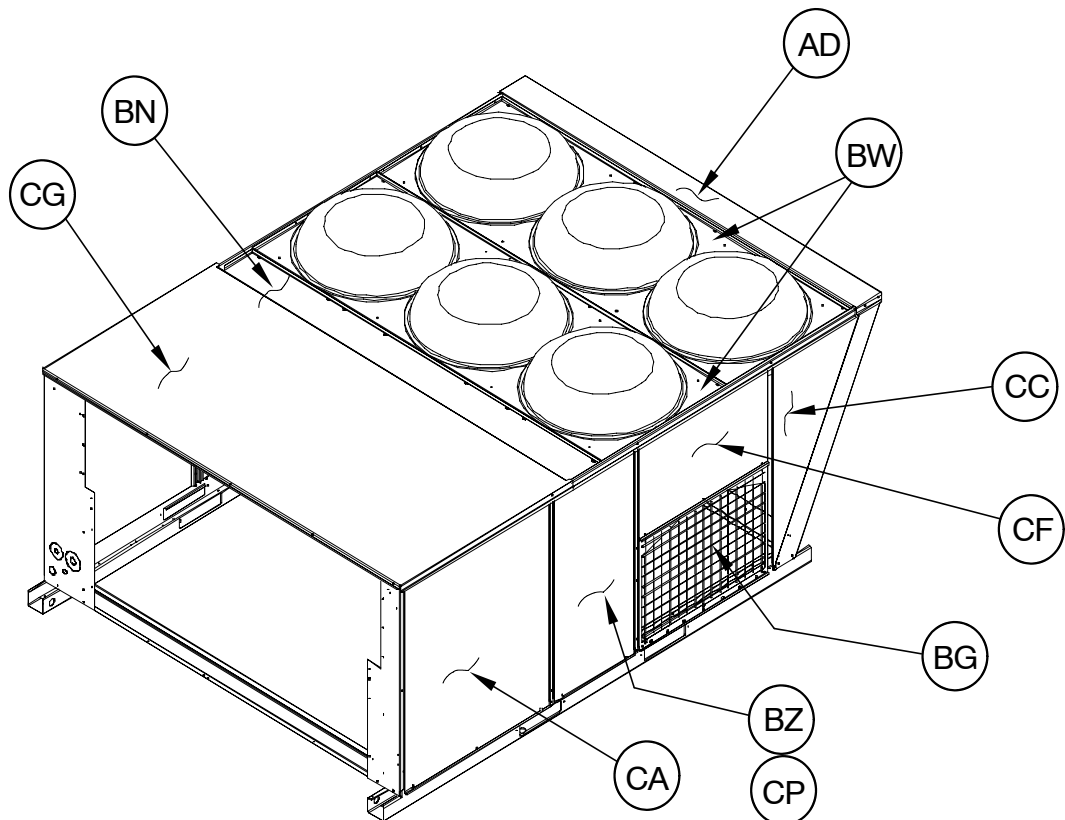
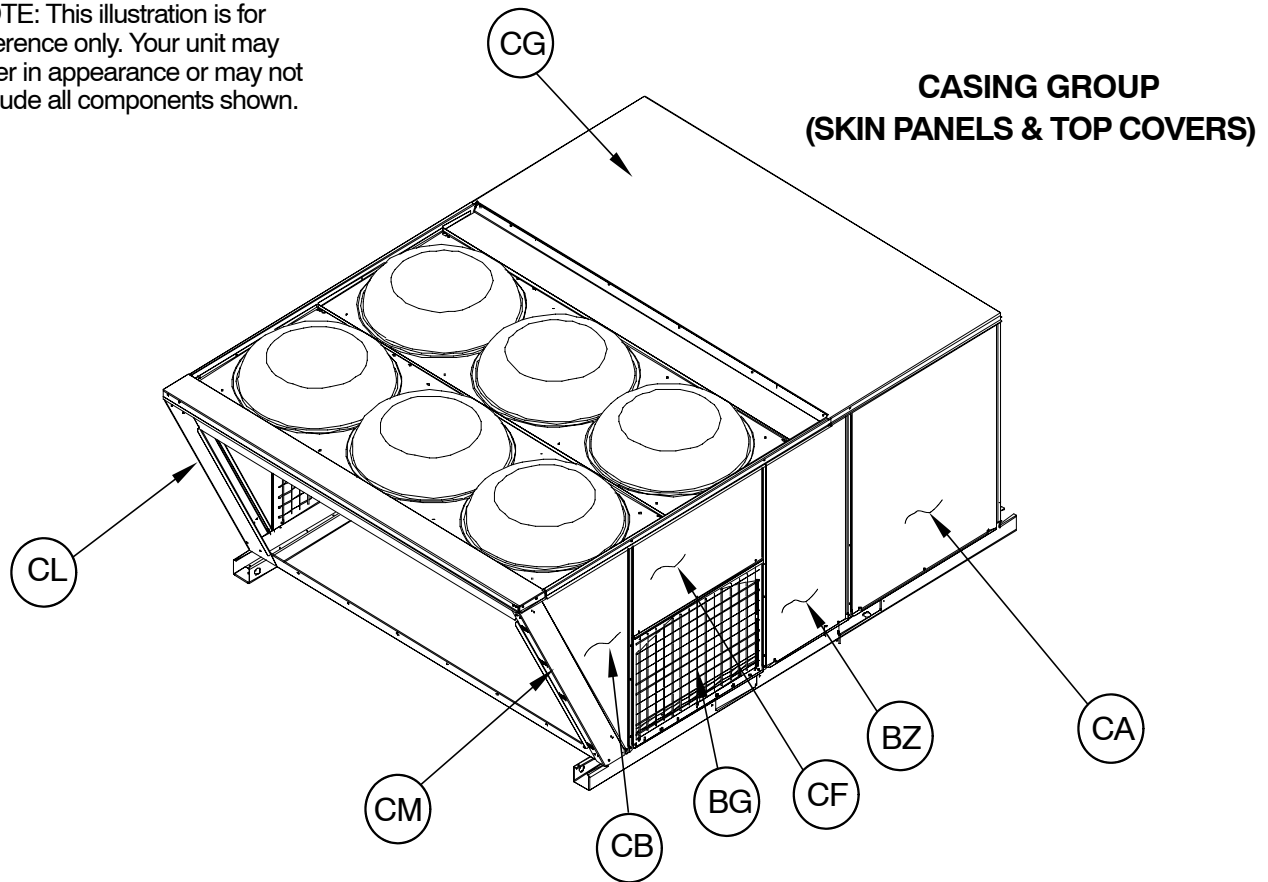
NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.

CASING GROUP (FRAME)



80-52-22

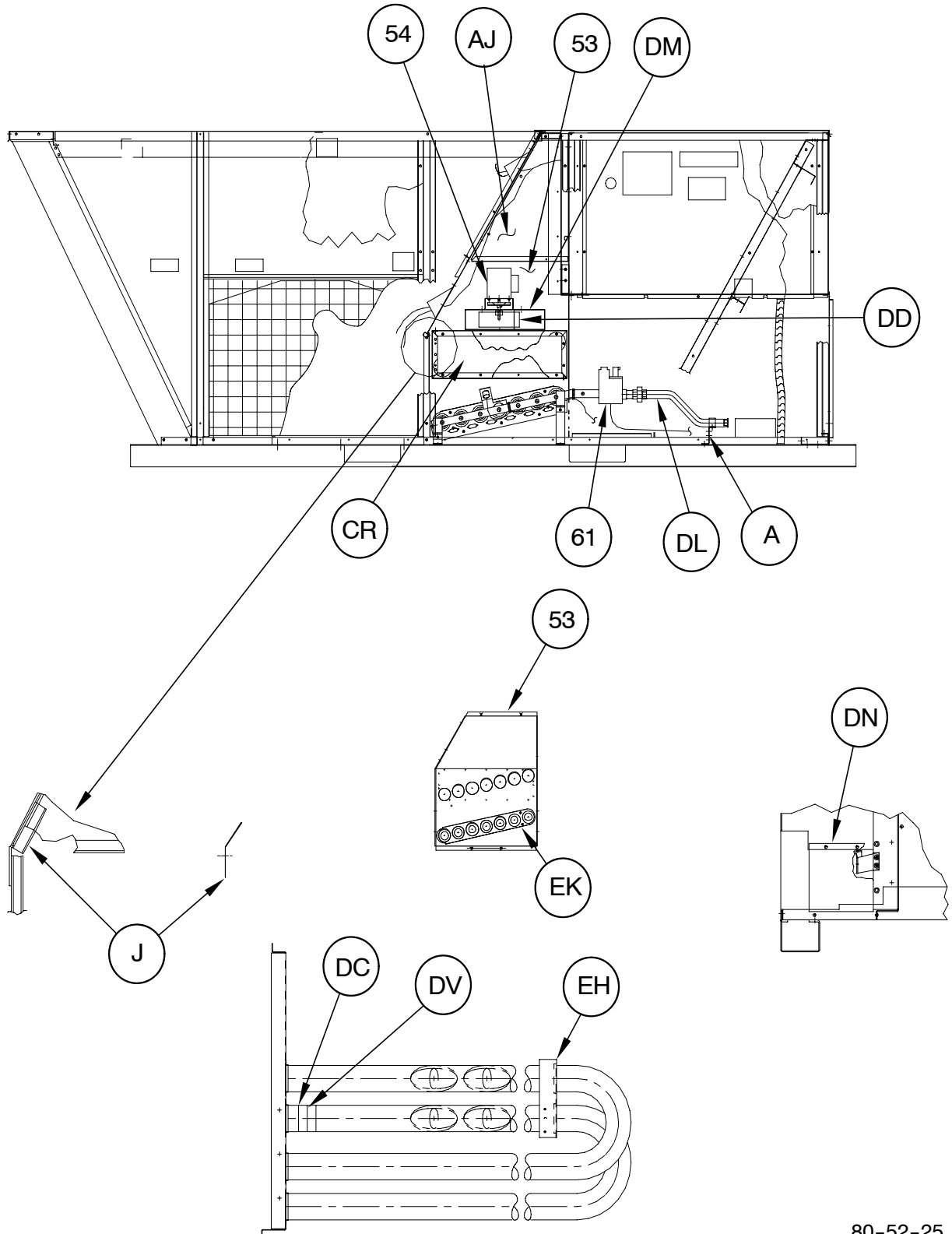
NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.



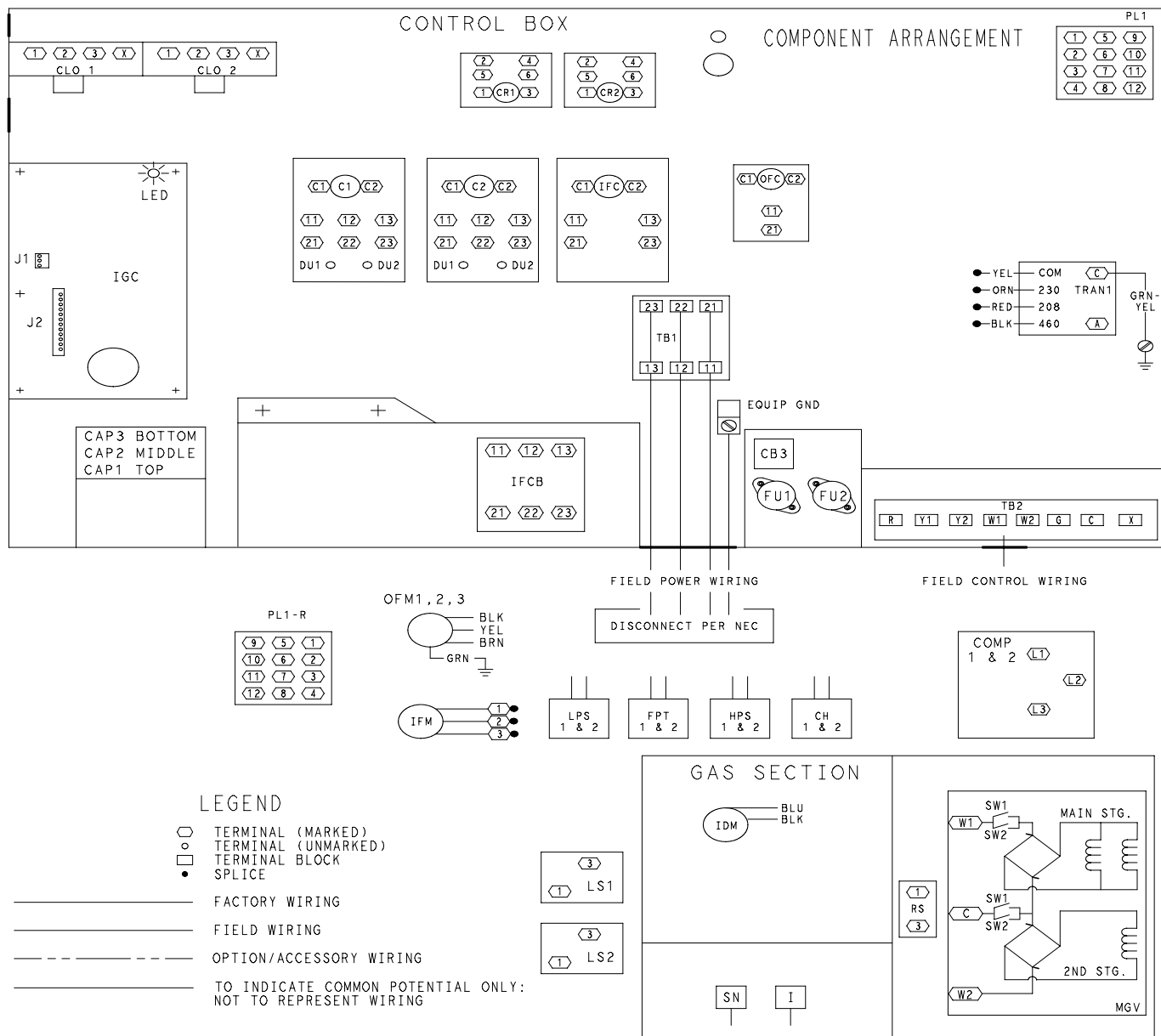
PGE300

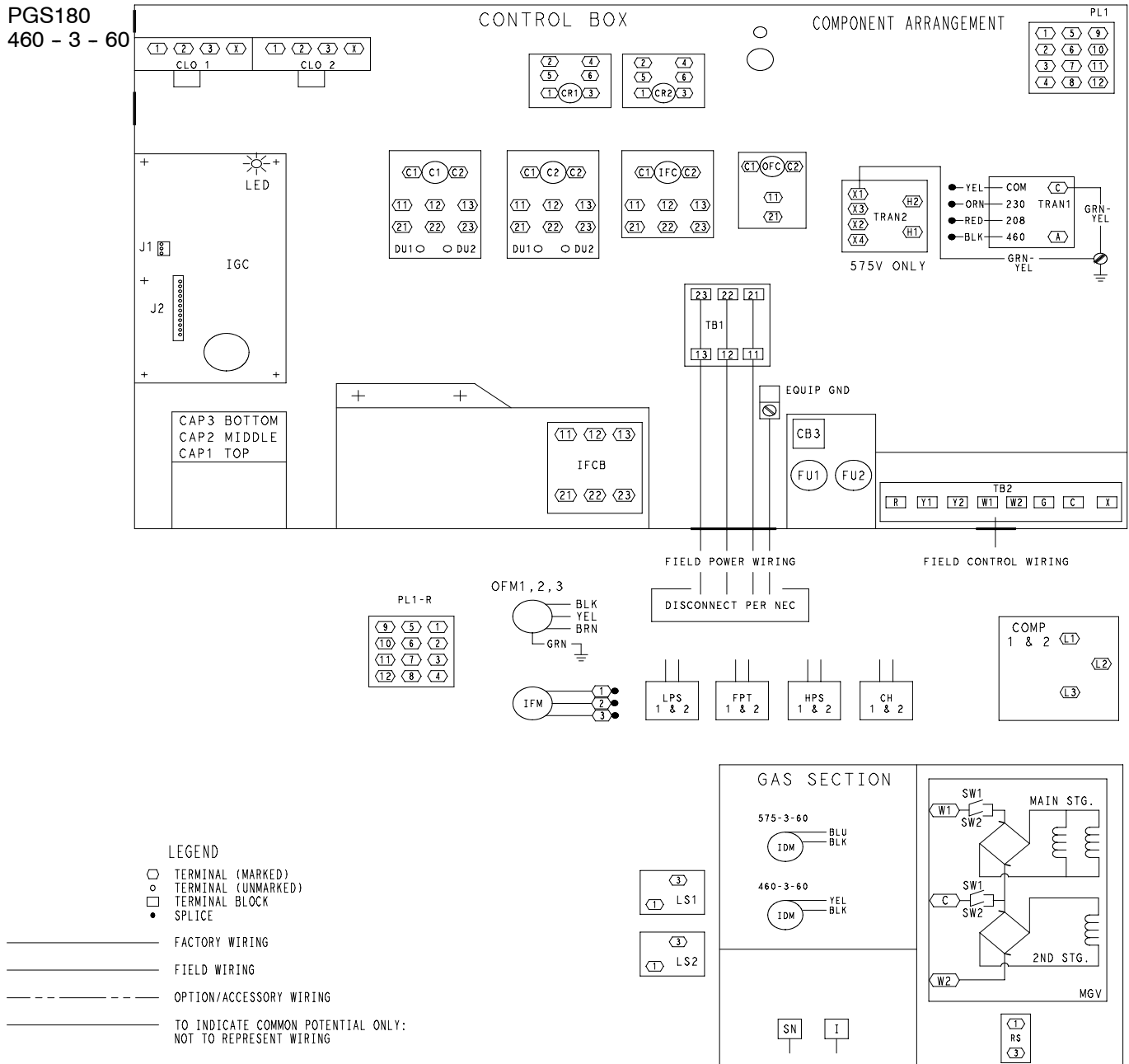
NOTE: This illustration is for reference only. Your unit may differ in appearance or may not include all components shown.

GAS HEAT GROUP



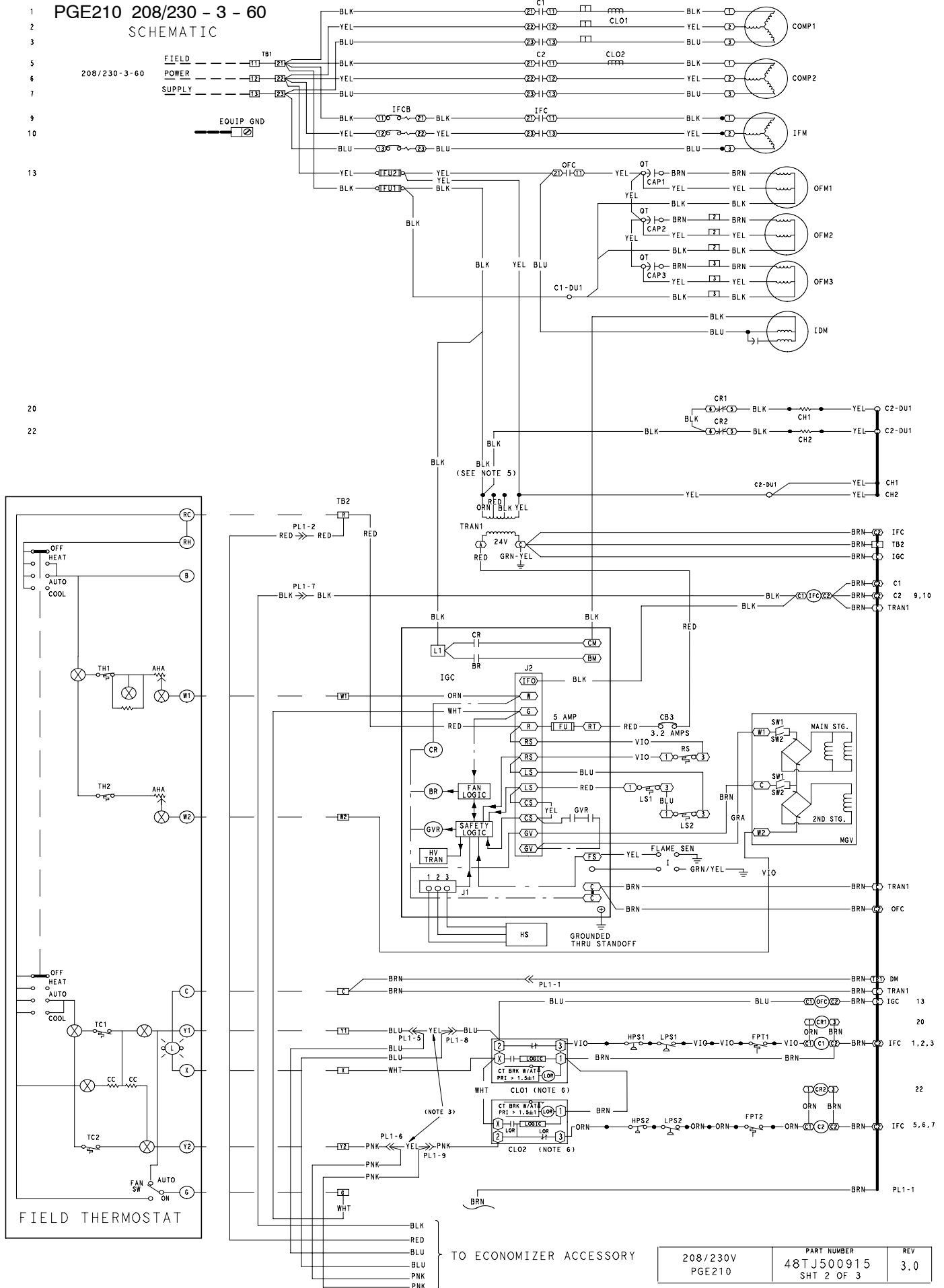
80-52-25

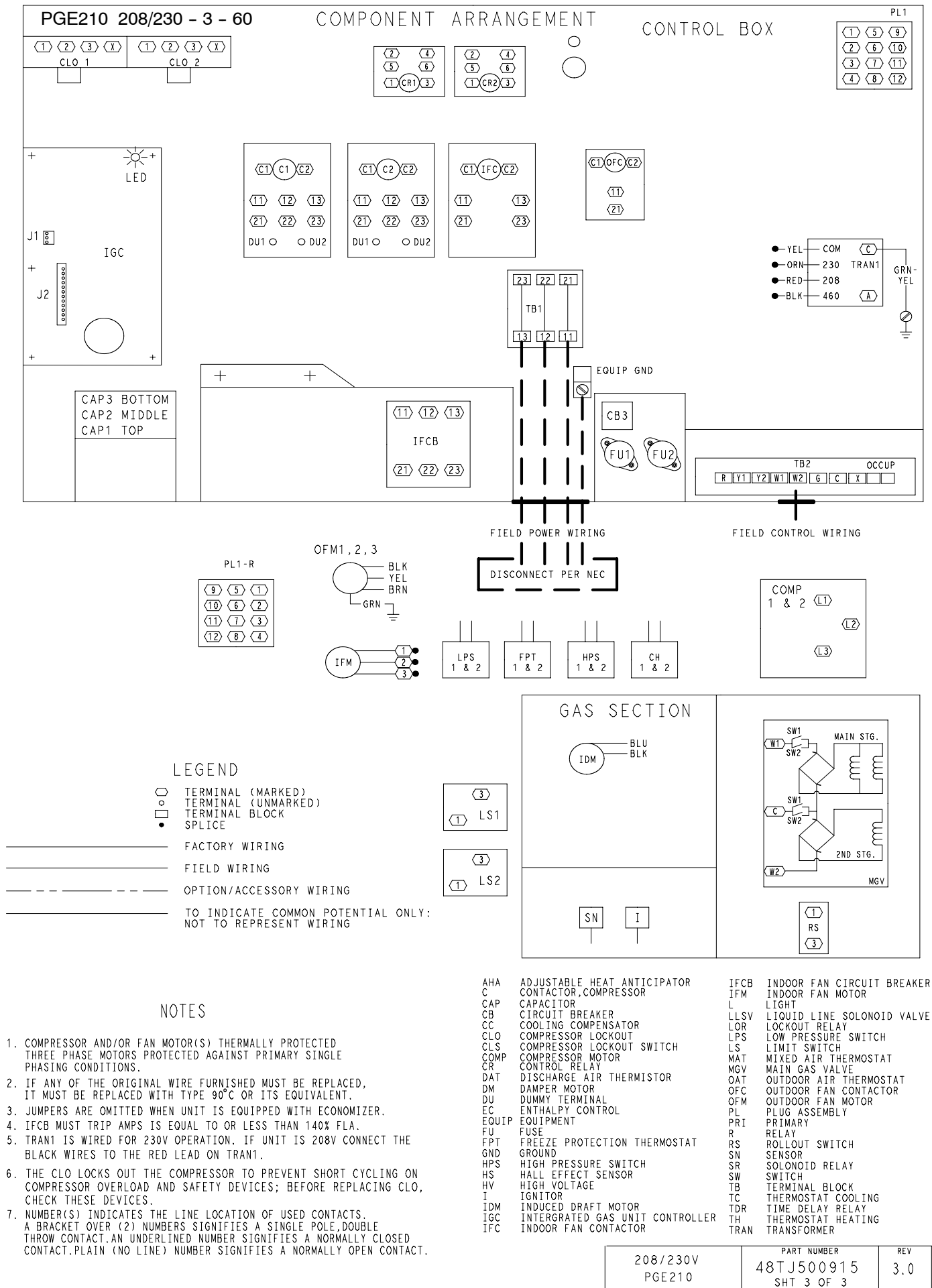




460, 575V ICP 015 TON PGE180L, PGE180S	PART NUMBER 48TJ500690 SHT 3 OF 3	REV 2.0
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PGE210 208/230 - 3 - 60 SCHEMATIC





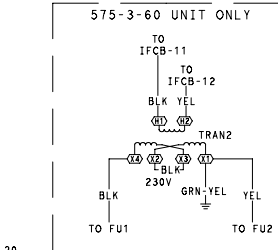
1 PGE210 460 - 3 - 60

2 SCHEMATIC

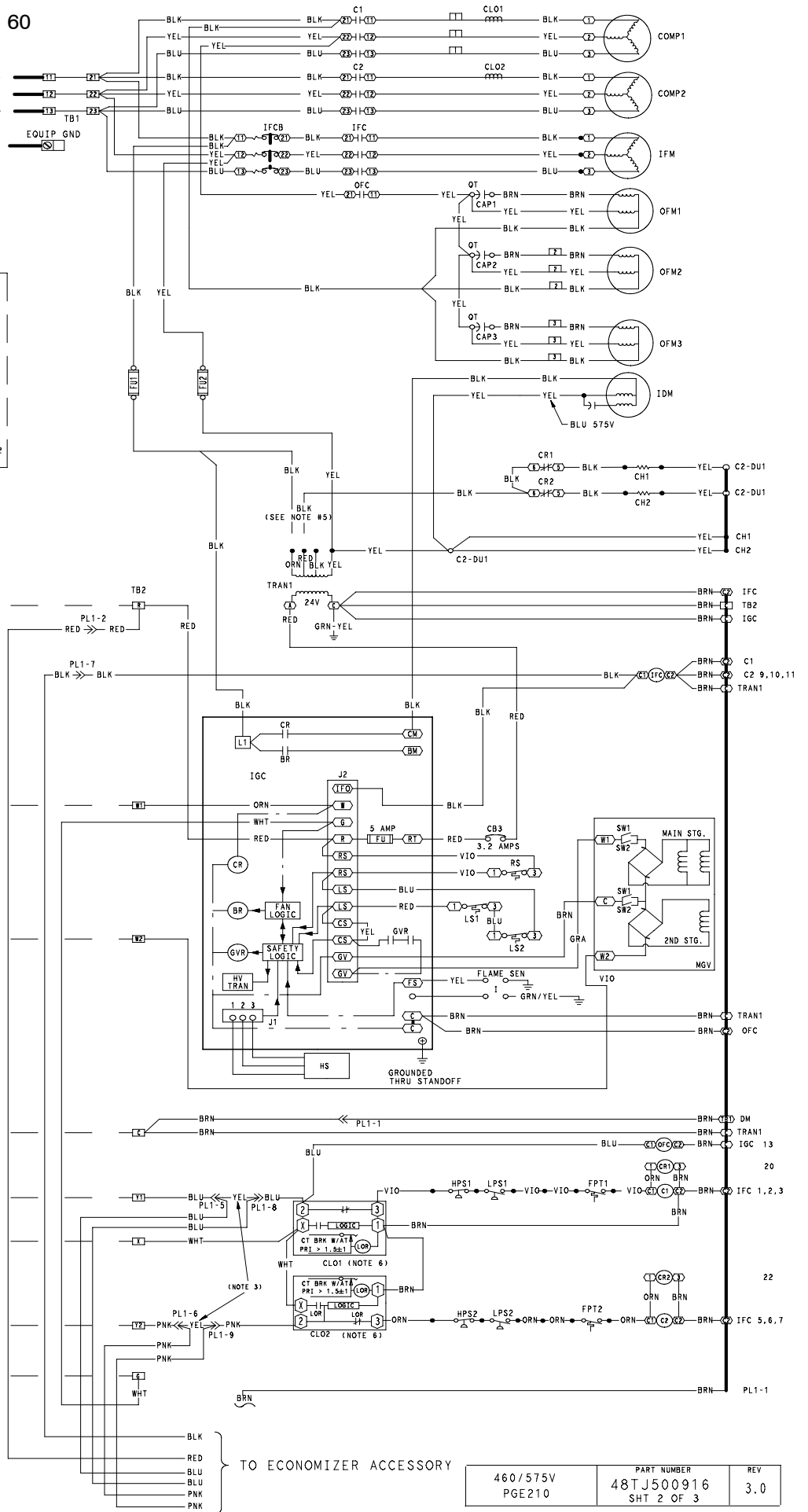
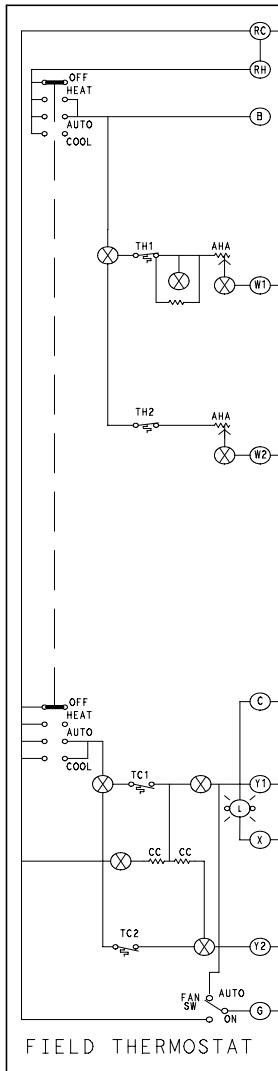
5 460-3-60 FIELD
6 OR POWER
7 575-3-60 SUPPLY

9 EQUIP GND

10
11
13



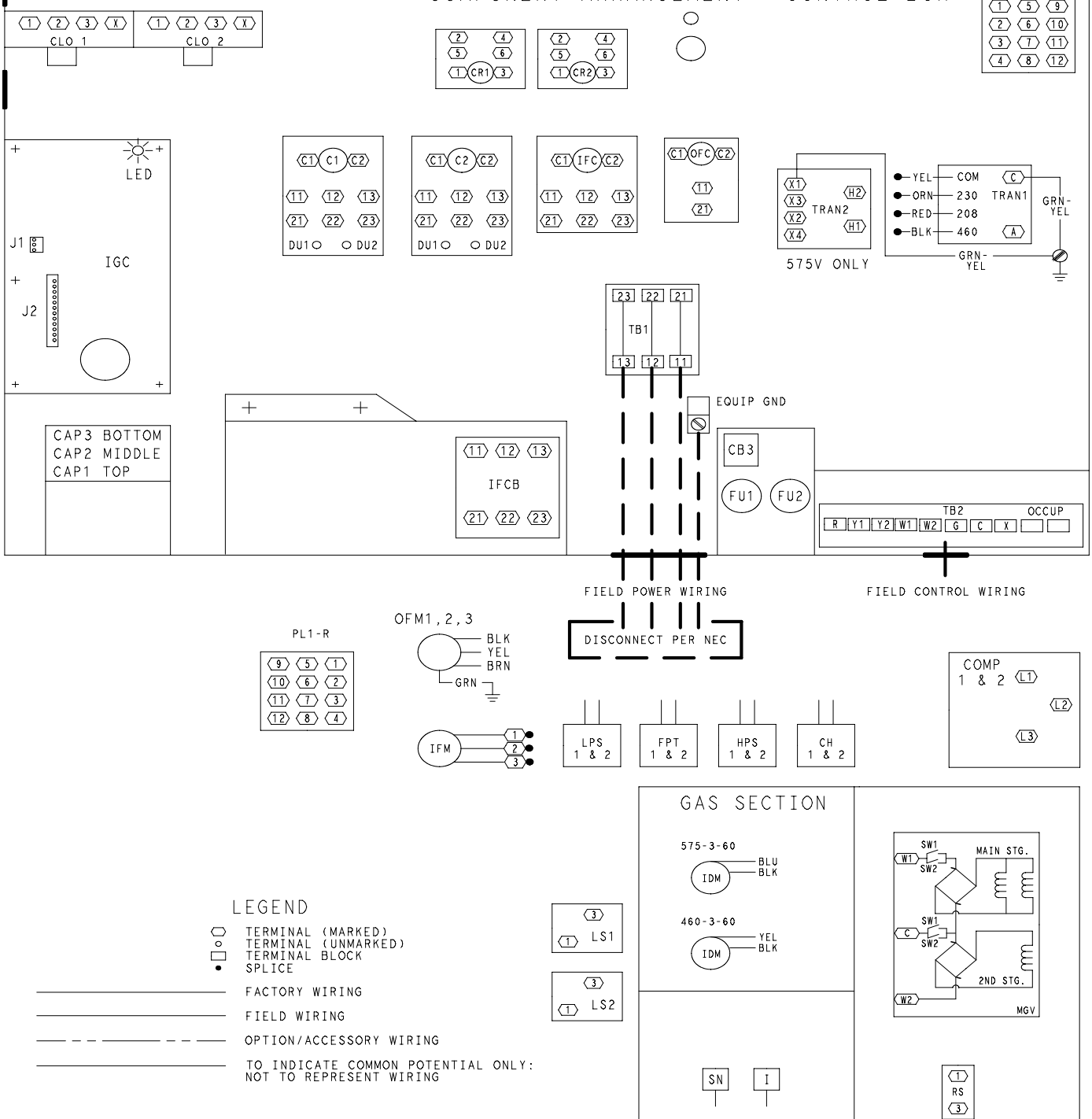
20
22



460/575V PGE210	PART NUMBER 48TJ500916 SHT 2 OF 3	REV 3.0
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PGE210 460 - 3 - 60

COMPONENT ARRANGEMENT CONTROL BOX



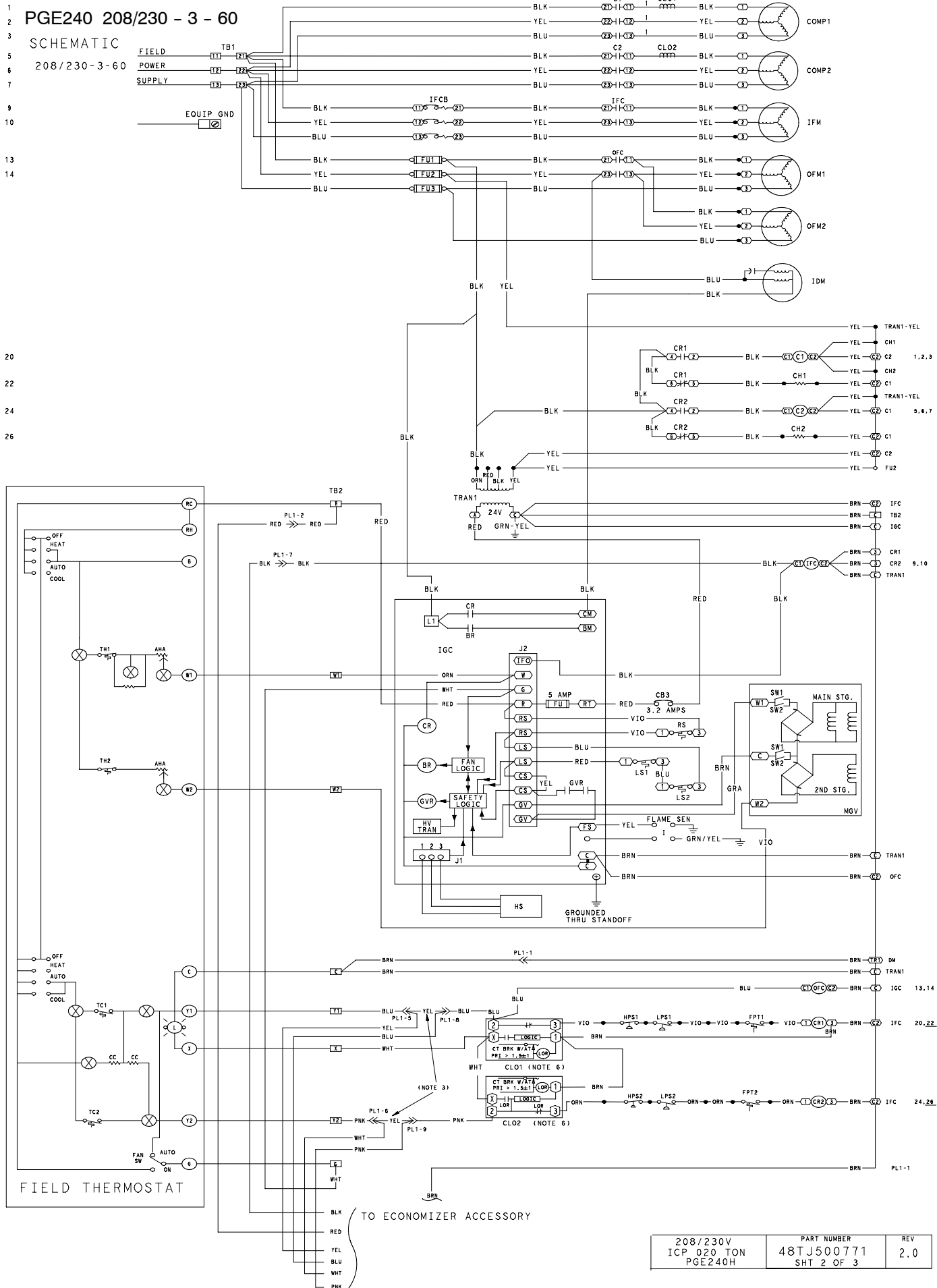
AHA	ADJUSTABLE HEAT ANTICIPATOR	IFCB	INDOOR FAN CIRCUIT BREAKER
C	CONTACTOR, COMPRESSOR	IFM	INDOOR FAN MOTOR
CAP	CAPACITOR	L	LIGHT
CB	CIRCUIT BREAKER	LLSV	LIQUID LINE SOLENOID VALVE
CC	COOLING COMPENSATOR	LOR	LOCKOUT RELAY
CLO	COMPRESSOR LOCKOUT	LPS	LOW PRESSURE SWITCH
CLS	COMPRESSOR LOCKOUT SWITCH	LS	LIMIT SWITCH
COMP	COMPRESSOR MOTOR	MAT	MIXED AIR THERMOSTAT
CR	CONTROL RELAY	MGV	MAIN GAS VALVE
DAT	DISCHARGE AIR THERMISTOR	OAT	OUTDOOR AIR THERMOSTAT
DM	DAMPER MOTOR	OFC	OUTDOOR FAN CONTACTOR
DU	DUMMY TERMINAL	OFM	OUTDOOR FAN MOTOR
EC	ENTHALPY CONTROL	PL	PLUG ASSEMBLY
EQUIP	EQUIPMENT	PRI	PRIMARY
FU	FUSE	R	RELAY
FPT	FREEZE PROTECTION THERMOSTAT	RS	ROLLOUT SWITCH
GND	GROUND	SN	SENSOR
HPS	HIGH PRESSURE SWITCH	SR	SOLENOID RELAY
HS	HALL EFFECT SENSOR	SW	SWITCH
HV	HIGH VOLTAGE	TB	TERMINAL BLOCK
I	IGNITOR	TC	THERMOSTAT COOLING
IDM	INDUCED DRAFT MOTOR	TDR	TIME DELAY RELAY
IGC	INTERGRATED GAS UNIT CONTROLLER	TH	THERMOSTAT HEATING
IFC	INDOOR FAN CONTACTOR	TRAN	TRANSFORMER

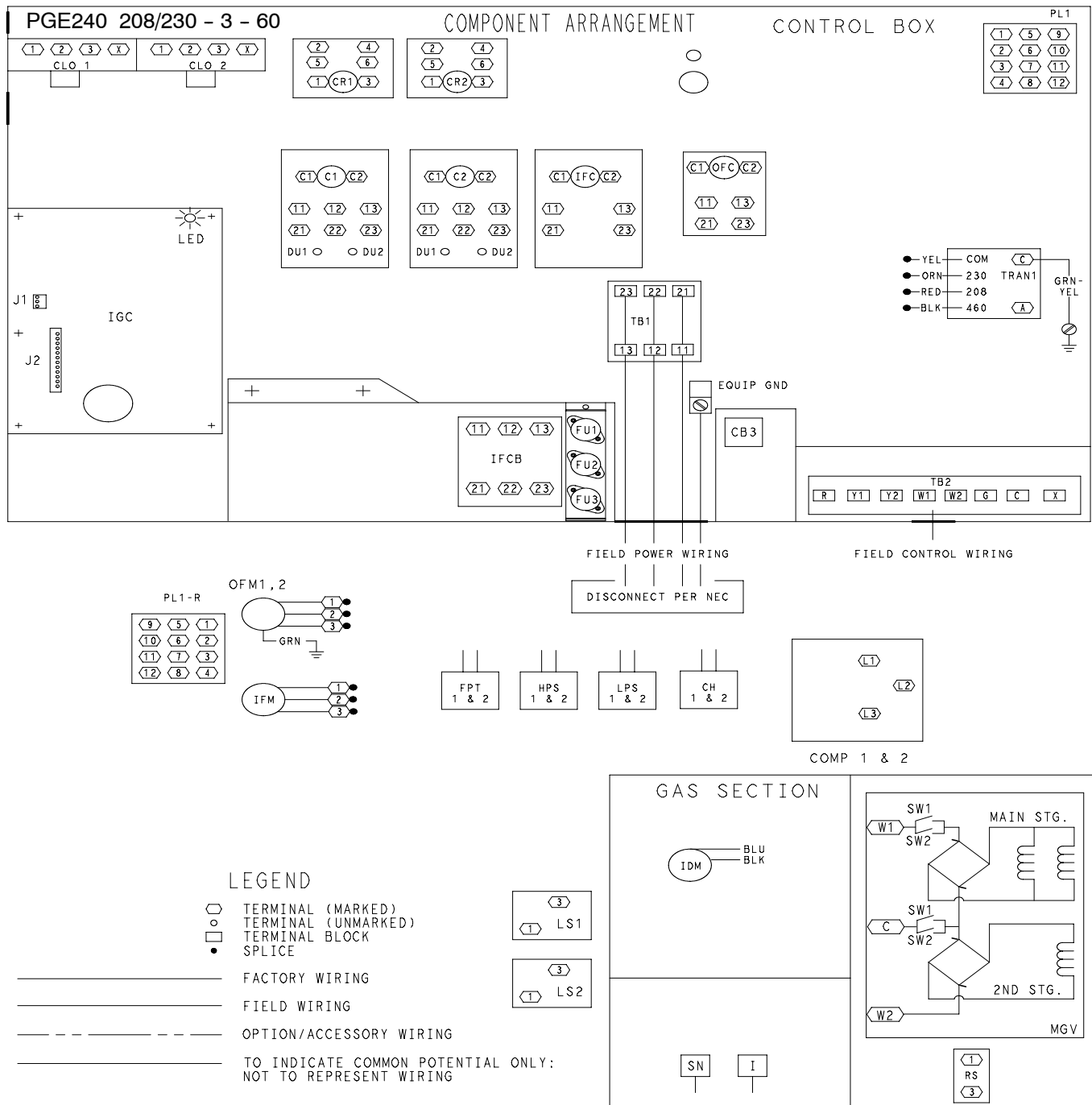
460/575V PGE210	PART NUMBER 48TJ500916 SHT 3 OF 3	REV 3.0
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PGE240 208/230 - 3 - 60

SCHEMATIC

208/230-3-60





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 OR ITS EQUIVALENT.
- JUMPERS ARE OMITTED WHEN UNIT IS EQUIPPED WITH ECONOMIZER.
- IFCB MUST TRIP AMPS IS EQUAL TO OR LESS THAN 140% FLA.
- ON 208/230V UNIT TRAN1 IS FACTORY WIRED TO ORN LEAD FOR 230V POWER SUPPLY. IF UNIT IS TO RUN ON 208V POWER SUPPLY TRAN1 MUST BE REWIRED AS FOLLOWS: DISCONNECT THE BLK WIRE ON TRAN1 AND CONNECT IT TO 208V RED WIRE AND INSULATE 230V ORN WIRE.
- THE CLO LOCKS OUT THE COMPRESSOR TO PREVENT SHORT CYCLING ON COMPRESSOR OVERLOAD AND SAFETY DEVICES; BEFORE REPLACING CLO, CHECK THESE DEVICES.
- NUMBER(S) INDICATES THE LINE LOCATION OF USED CONTACTS. A BRACKET OVER (2) NUMBERS SIGNIFIES A SINGLE POLE, DOUBLE THROW CONTACT. AN UNDERLINED NUMBER SIGNIFIES A NORMALLY CLOSED CONTACT. PLAIN (NO LINE) NUMBER SIGNIFIES A NORMALLY OPEN CONTACT.

AHA ADJUSTABLE HEAT ANTICIPATOR
C CONTACTOR, COMPRESSOR
CAP CAPACITOR
CB CIRCUIT BREAKER
CC COOLING COMPENSATOR
CLO COMPRESSOR LOCKOUT
CLS COMPRESSOR LOCKOUT SWITCH
COMP COMPRESSOR MOTOR
CR CONTROL RELAY
DAT DISCHARGE AIR THERMISTOR
DM DAMPER MOTOR
DU DUMMY TERMINAL
EC ENTHALPY CONTROL
EQUIP EQUIPMENT
FU FUSE
FPT FREEZE PROTECTION THERMOSTAT
GND GROUND
HPS HIGH PRESSURE SWITCH
HS HALL EFFECT SENSOR
HV HIGH VOLTAGE
I IGNITOR
IDM INDUCED DRAFT MOTOR
IGC INTEGRATED GAS UNIT CONTROLLER
IFC INDOOR FAN CONTACTOR

IFCB INDOOR FAN CIRCUIT BREAKER
IFM INDOOR FAN MOTOR
L LIGHT
LLSV LIQUID LINE SOLONOID VALVE
LOR LOCKOUT RELAY
LPS LOW PRESSURE SWITCH
LS LIMIT SWITCH
MAT MIXED AIR THERMOSTAT
MGV MAIN GAS VALVE
OAT OUTDOOR AIR THERMOSTAT
OFC OUTDOOR FAN CONTACTOR
OFM OUTDOOR FAN MOTOR
PL PLUG ASSEMBLY
PRI PRIMARY
R RELAY
RS ROLLOUT SWITCH
SN SENSOR
SR SOLONOID RELAY
SW SWITCH
TB TERMINAL BLOCK
TC THERMOSTAT COOLING
TDR TIME DELAY RELAY
TH THERMOSTAT HEATING
TRAN TRANSFORMER

208/230V
ICP 020 TON
PGE240H

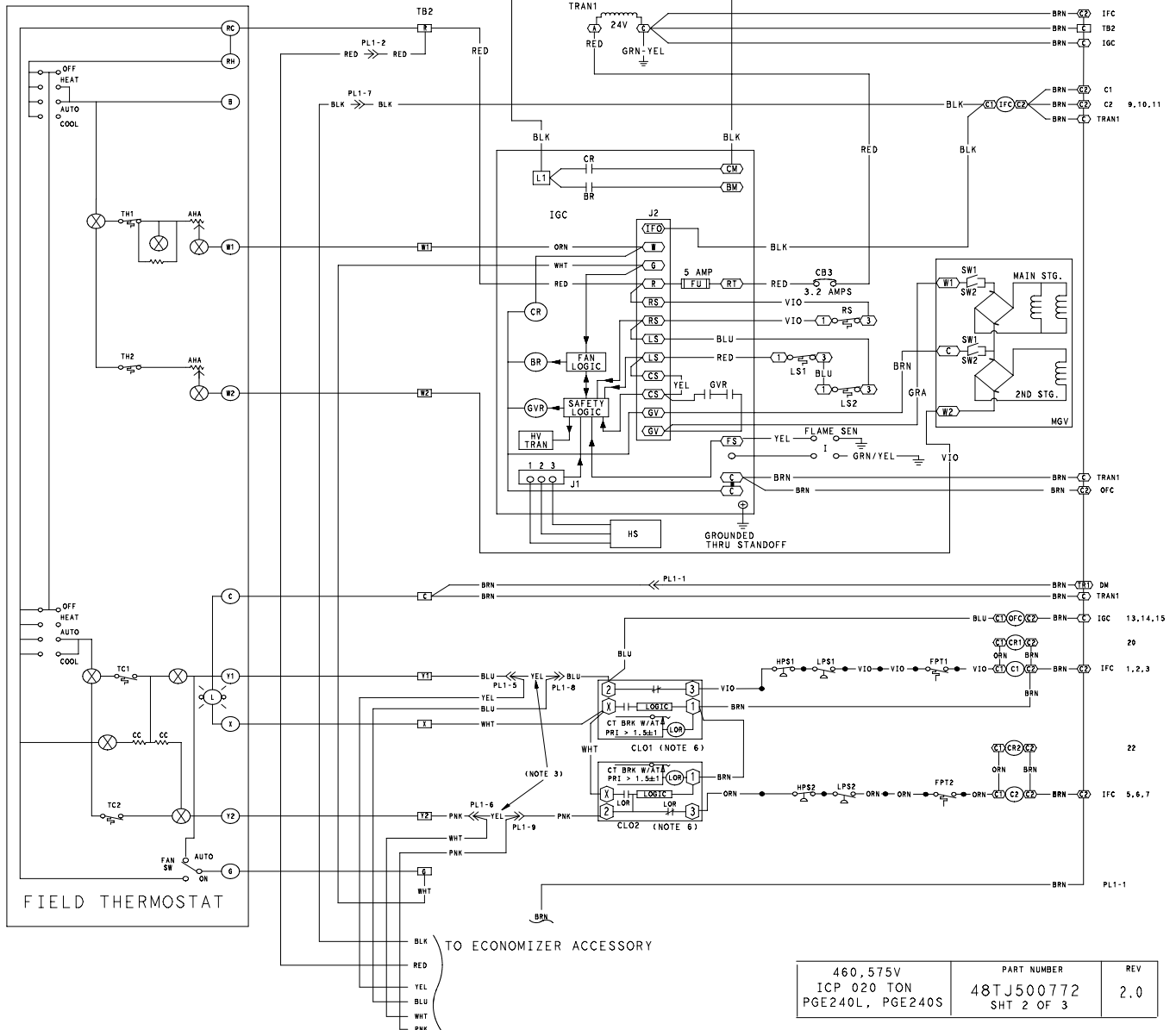
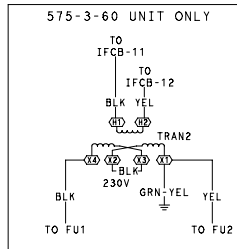
PART NUMBER
48TJ500771
SHT 3 OF 3

REV
2.0

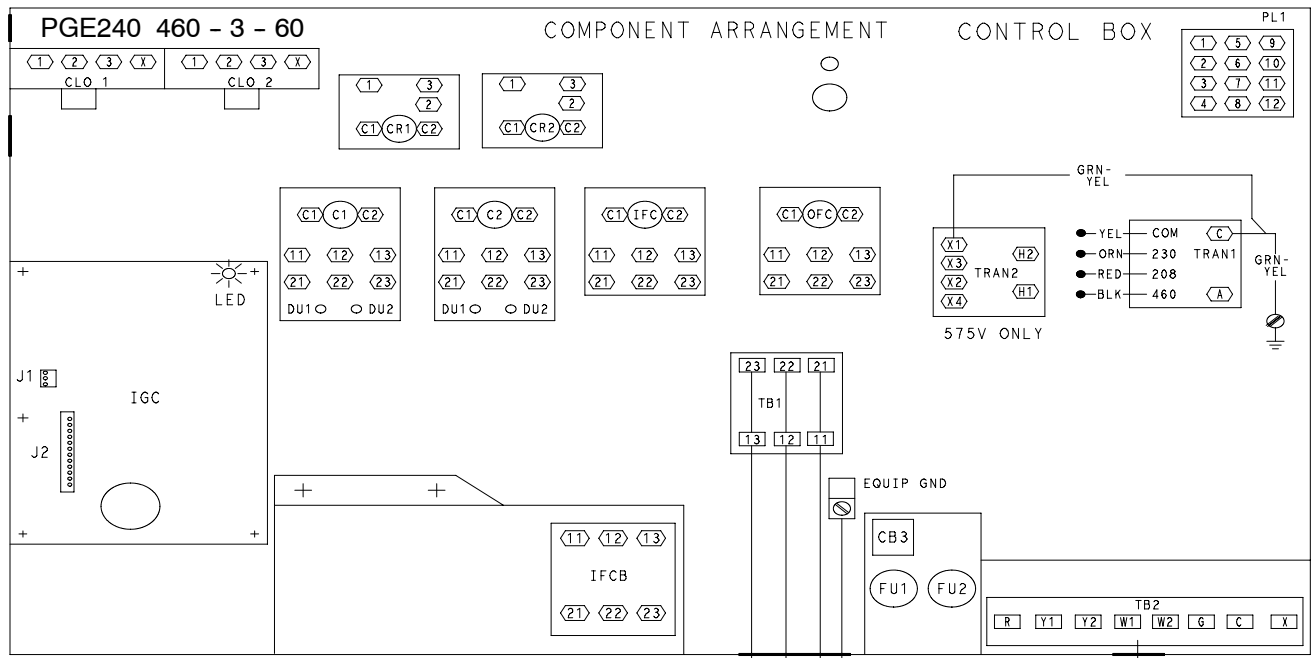
PGE240 460 - 3 - 60

SCHEMATIC

460-3-60 FIELD
OR
575-3-60 POWER
SUPPLY



460, 575V ICP 020 TON PGE240L, PGE240S	PART NUMBER 48TJ500772 SHT 2 OF 3	REV 2.0
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1. COMPRESSOR AND/OR FAN MOTOR(S) THERMALLY PROTECTED THREE PHASE MOTORS PROTECTED AGAINST PRIMARY SINGLE PHASING CONDITIONS.	1. COMPRESSOR AND/OR FAN MOTOR(S) THERMALLY PROTECTED THREE PHASE MOTORS PROTECTED AGAINST PRIMARY SINGLE PHASING CONDITIONS.	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.	2. IF ANY OF THE ORIGINAL WIRE FURNISHED MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE 90°C OR ITS EQUIVALENT.	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.	3. JUMPERS ARE OMITTED WHEN UNIT IS EQUIPPED WITH ECONOMIZER.	3. JUMPERS ARE OMITTED WHEN UNIT IS EQUIPPED WITH ECONOMIZER.
4. IFCB MUST TRIP AMPS IS EQUAL TO OR LESS THAN 140% .	4. IFCB MUST TRIP AMPS IS EQUAL TO OR LESS THAN 140% .	4. IFCB MUST TRIP AMPS IS EQUAL TO OR LESS THAN 140% .
5. ON TRAN1 USE BLK LEAD FOR 460V POWER SUPPLY AND ORN LEAD FOR 575V POWER SUPPLY.	5. ON TRAN1 USE BLK LEAD FOR 460V POWER SUPPLY AND ORN LEAD FOR 575V POWER SUPPLY.	5. ON TRAN1 USE BLK LEAD FOR 460V POWER SUPPLY AND ORN LEAD FOR 575V POWER SUPPLY.
6. THE CLO LOCKS OUT THE COMPRESSOR TO PREVENT SHORT CYCLING ON COMPRESSOR OVERLOAD AND SAFETY DEVICES; BEFORE REPLACING CLO, CHECK THESE DEVICES.	6. THE CLO LOCKS OUT THE COMPRESSOR TO PREVENT SHORT CYCLING ON COMPRESSOR OVERLOAD AND SAFETY DEVICES; BEFORE REPLACING CLO, CHECK THESE DEVICES.	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.	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.	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.
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460, 575V	PART NUMBER	REV
ICP 020 TON	48TJ500772	2.0
PGE240L, PGE240S	SHT 3 OF 3	

PGE300

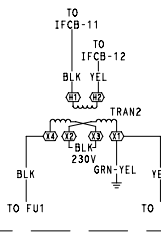
SCHEMATIC

208/230-3-60
460-3-60
575-3-60

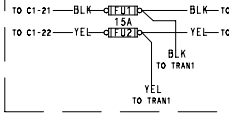
FIELD
POWER
SUPPLY

TB1
EQUIP GND

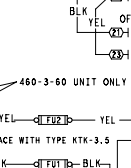
575-3-60 UNIT ONLY



208/230-3-60 UNIT ONLY



460-3-60 & 575-3-60 UNIT ONLY



REPLACE WITH TYPE KTK-3.5

SEE NOTE 4

SEE NOTE 4

SEE NOTE 4

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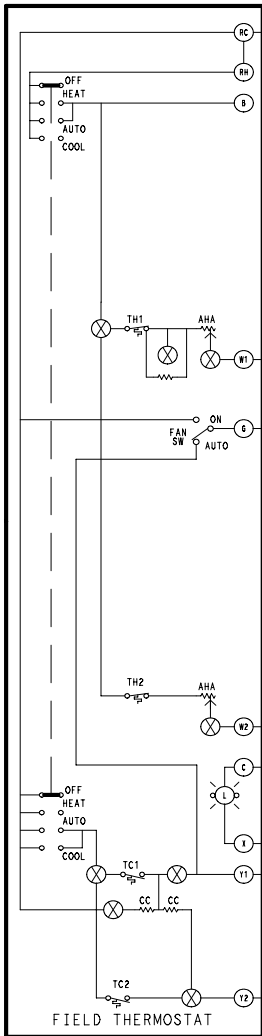
SEE NOTE 4

SEE NOTE 4

SEE NOTE 4

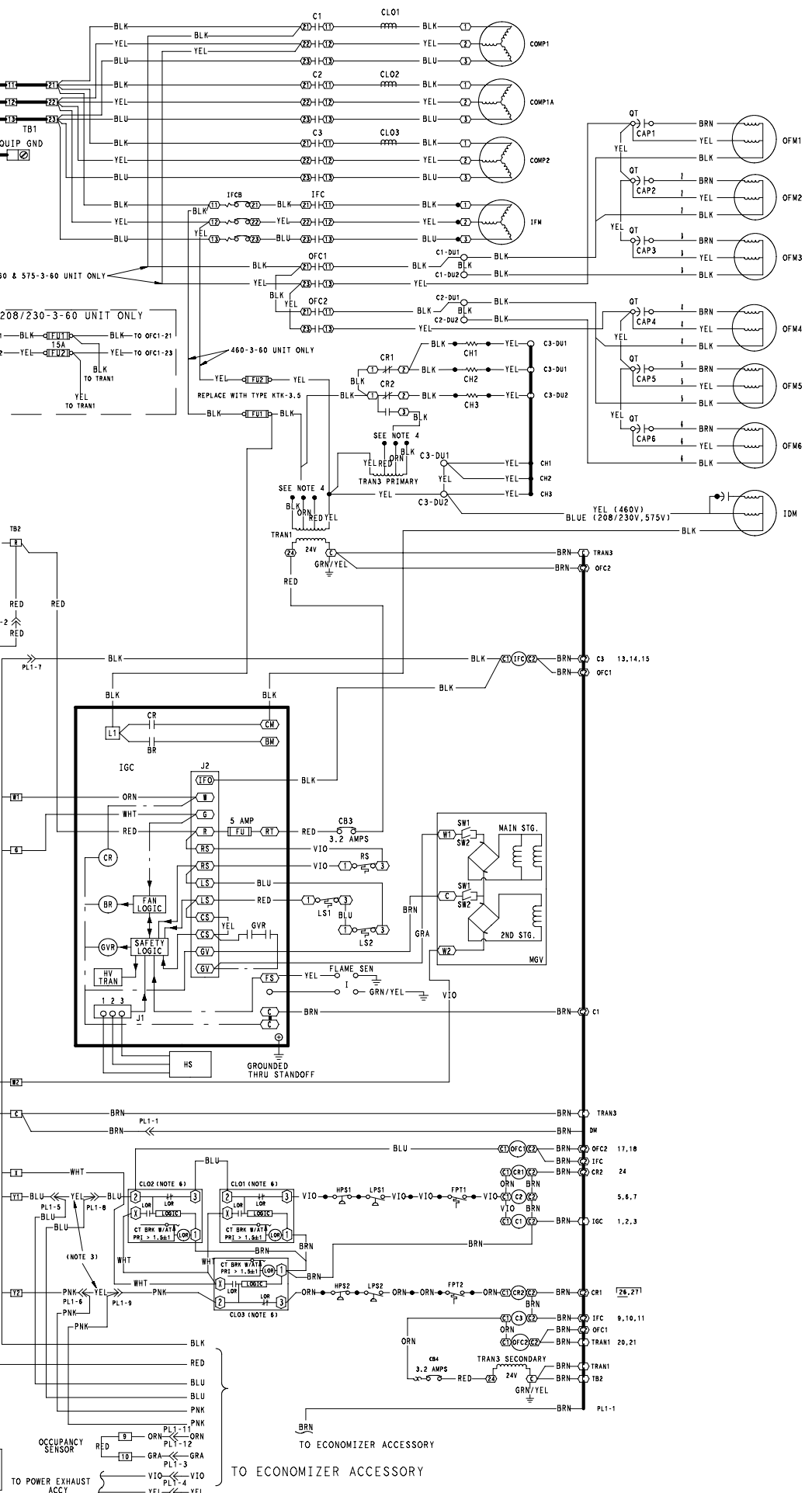
SEE NOTE 4

SEE NOTE 4



FIELD THERMOSTAT

208/230V, 460V, 575V PGE300H, L, S	PART NUMBER 48TJ500895 SHT 2 OF 3	REV 2.0
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TO POWER EXHAUST

TO ECONOMIZER ACCESSORY

TO ECONOMIZER ACCESSORY

TO ECONOMIZER ACCESSORY

TO ECONOMIZER ACCESSORY

TO ECONOMIZER ACCESSORY

TO ECONOMIZER ACCESSORY

TO ECONOMIZER ACCESSORY

COMPONENT ARRANGEMENT

