

Parts List

Tech Labels & Wiring Diagrams

Models

PGAD36D1HC	PGME36H115C
PGAD36D1LB	PGME36F090B
PGAD36E1LB	PGME36F115B
PGAD42D1HB	PGME42H090B
PGAD42D1LB	PGME42F090B
PGAD42E1HB	PGME42H115B
PGAD42E1LB	PGME42F115B
PGAD47D1HB	PGME48H090B
PGAD47D1LB	PGME48F090B
PGAD47F1HB	PGME48H135B
PGAD47F1LB	PGME48F135B
PGAD60E1HB	PGME60H115B
PGAD60E1LB	PGME60F115B
PGAD60G1HB	PGME60H150B
PGAD60G1LB	PGME60F150B

Three Phase Package Gas-Electric Combination Units

Manufactured by:
International Comfort Products
Lewisburg, TN USA 37091

Save This Manual For Future Reference

509 04 1603 00
8-14-01 LP-1

Parts List, Wiring Diagrams, & Tech Labels for PGAD & PGME Series

Key No.	Description	Part Number	PGAD36D1HC PGME36H090C	PGAD36E1HC PGME36H115C	PGAD36D1LB PGME36F090B	PGAD36E1LB PGME36F115B	PGAD42D1HB PGME42H090B	PGAD42D1LB PGME42F090B	PGAD42E1HB PGME42H115B	PGAD42E1LB PGME42F115B	PGAD47D1HB PGME48H090B	PGAD47D1LB PGME48F090B	PGAD47F1HB PGME48H135B	PGAD47F1LB PGME48F135B	PGAD60E1HB PGME60H115B	PGAD60E1LB PGME60F115B	PGAD60G1HB PGME60H150B	PGAD60G1LB PGME60F150B
1	Compressor With Plug Connection	ZR34K3TF5130	1	1														
1		ZR34K3TFD130	*	*	1	1												
1		ZR40K3TF5130	*	*	*	*	1		1									
1		ZR40K3TFD130	*	*	*	*	*	1		1								
1		ZR46K3TF5130	*	*	*	*	*	*	*	*	1		1					
1		ZR46K3TFD130	*	*	*	*	*	*	*	*	*	1		1				
1		ZR57K3TF5130	*	*	*	*	*	*	*	*	*	*	*	*	1		1	
1		ZR57K3TFD130	*	*	*	*	*	*	*	*	*	*	*	*	*	1		1
2	Valve, Gas (Nat.)	1011421	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	Burner Asy	1008725	1	*	1		1	1			1	1						
3		1008726	*	1		1			1	1					1	1		
3		1009179	*	*	*	*	*	*	*	*	*	*	1	1				
3		1009180	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	1
4	Orifice, Burner, Nat. #43	1011377	4	5	4	5	4	4	5	5	4	4	6	6	5	5	7	7
5	Burner, Pilot / Igniter (Nat.)	1008731	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	Capacitor, 15Mfd., 440 Volt	1069261	1	1														
6	Capacitor, 20Mfd., 370 Volt	1094961	*	*	1	1												1
6	Capacitor, 15Mfd., 370 Volt	1094959	*	*	*	*	1	1	1	1	1	1						
6	Capacitor, 20Mfd., 440 Volt	1094968	*	*	*	*	*	*	*	*	*	*	1	1	1	1	1	
7	Mount, Motor Kit	1002804	1	1	1	1							1	1	1	1	1	
7		1004905	*	*	*	*	1	1	1	1	1	1						
7		1097955	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1
8	Motor, Blower 3/4 HP, 230 Volt, 4 Spd	1054579	1	1														
8	Motor, Blower 1 HP, 460 Volt, 4 Spd	1113219	*	*	1	1										1		
8	Motor, Blower 1/2 HP, 230 Volt, 4 Spd	1065278	*	*	*	*	1		1		1							
8	Motor, Blower 1/2 HP, 460 Volt, 4 Spd	1085643	*	*	*	*	*	1		1		1						
8	Motor, Blower 1 HP, 230 Volt, 3 Spd	1054585	*	*	*	*	*	*	*	*	*	*	1					
8	Motor, Blower 1 HP, 460 Volt, 3 Spd	1085645	*	*	*	*	*	*	*	*	*	*	*	1				
8	Motor, Blower 1 HP, 230 Volt, 4 Spd	1065129	*	*	*	*	*	*	*	*	*	*	*	*	1			
8	Motor, Blower 1 HP, 230 Volt, 4 Spd	1054586	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	
8	Motor, Blower 1 HP, 460 Volt, 4 Spd	1098023	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1
9	Wheel, Blower (11-9 DD)	1065361	1	1	1	1												
9	Wheel, Blower (10-9 DD)	1057877	*	*	*	*	1	1	1	1	1	1						
9	Wheel, Blower (11-11DD)	1054593	*	*	*	*	*	*	*	*	*	*	1	1	1	1	1	1
10	Switch, Limit (Rollout)	1005549	1	1			1	1	1	1	1	1	1	1	1	1	1	1
10		1013102	*	*	1	1												
11	Manifold, Gas	1004140	1	*	1		1	1			1	1						
11		1004141	*	1		1			1	1					1	1		
11		1054272	*	*	*	*	*	*	*	*	*	*	1	1				
11		1054414	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	1
12	Heat Exchanger	1113393	1	*	1													
12		1113394	*	1		1												
12		1113395	*	*	*	*	1	1			1	1						
12		1113396	*	*	*	*	*	*	1	1					1	1		
12		1113397	*	*	*	*	*	*	*	*	*	*	1	1				
12		1113398	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	1
13	Gasket, Collector Box	1065209	1	1	1	1												
13		1065210	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
14	Box, Collector	1098331	1	1	1	1												
14		1098340	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
15	Gasket, Combustion Blower	607014	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	Blower, Combustion	1054268	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	Switch, Pressure	1083165	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	Tube, Sensor	1003687	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	Plate, Injector	1084330	1	*	1		1	1			1	1						
19		1084331	*	1		1			1	1					1	1		
19		1084332	*	*	*	*	*	*	*	*	*	*	1	1				
19		1084333	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	1
20	Plate, Restrictor	1054395	1	*	1		1	1			1	1						
20		1054394	*	1		1			1	1					1	1		
20		1054393	*	*	*	*	*	*	*	*	*	*	1	1				
20		1054392	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	1
21	Gasket, Restrictor Plate	1065214	1	*	1		1	1			1	1						
21		1065213	*	1		1			1	1					1	1		
21		1065212	*	*	*	*	*	*	*	*	*	*	1	1				
21		1065211	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	1

Parts List, Wiring Diagrams, & Tech Labels for PGAD & PGME Series

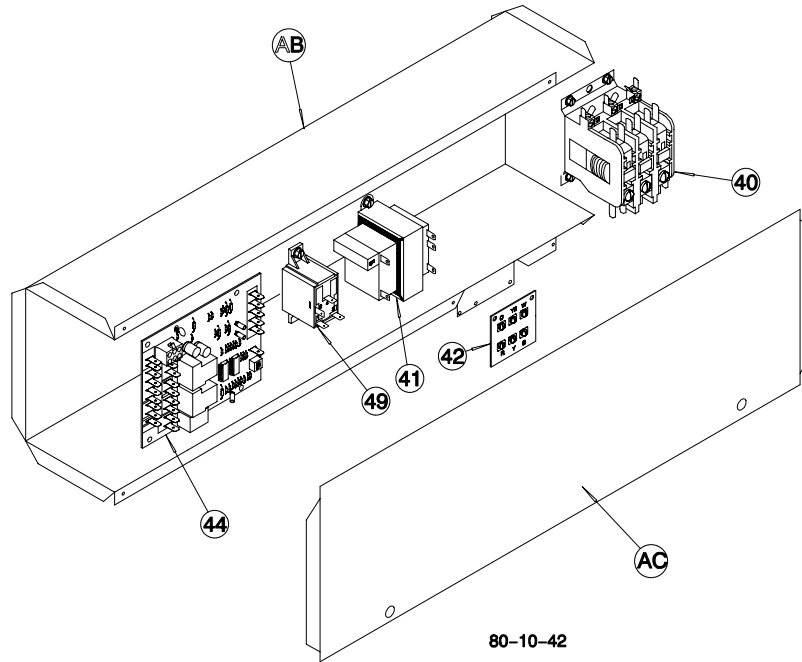
Key No.	Description	Part Number	PGAD36D1HC PGME36H090C	PGAD36E1HC PGME36H115C	PGAD36D1LB PGME36F090B	PGAD36E1LB PGME36F115B	PGAD42D1HB PGME42H090B	PGAD42D1LB PGME42F090B	PGAD42E1HB PGME42H115B	PGAD42E1LB PGME42F115B	PGAD47D1HB PGME48H090B	PGAD47D1LB PGME48F090B	PGAD47F1HB PGME48H135B	PGAD47F1LB PGME48F135B	PGAD60E1HB PGME60H115B	PGAD60E1LB PGME60F115B	PGAD60G1HB PGME60H150B	PGAD60G1LB PGME60F150B
23	Turbulator, Outlet	1054516	4	5	4	5	4	4	5	5	4	4	6	6	5	5	7	7
24	Manifold, Included With Coil Assembly		*	*														
25	Manifold, Included With Coil Assembly		*	*														
26	Port Assembly	1096263	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	Grommet, Compressor Mtg.	1052060	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
28	Capacitor, 5 Mfd., 370 Volt	1094954	1	1	1	1												
28	Capacitor, 7.5 Mfd., 370 Volt	1094239	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
29	Coil, Condenser	1082228	1	1	1	1												
29		1066920	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
31	Manifold, Included With Coil Assembly		*	*														
32	Coil, Evaporator	1114016	1	1	1	1												
32		1067439	*	*	*	*	1	1	1	1								
32		1067438	*	*	*	*	*	*	*	*	1	1	1	1	1	1	1	1
33	Switch, Limit (Blower Deck)	1065207	1	*	1													
33		1065294	*	1		1			1	1								
33		1065295	*	*	*	*	1	1			1	1	1	1	1	1		
33		1065702	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	1
34	Fan, Blade, Condenser	1099656	1	1	1	1												
34		1080795	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
35	Motor, Condenser Fan, 1/3HP, 230Volt	1085926	1	1														
35	Motor, Condenser Fan, 1/3HP, 460Volt	1098088	*	*	1	1												
35	Motor, Condenser Fan, 1/2HP, 230Volt	1098504	*	*	*	*	1		1		1		1		1		1	
35	Motor, Condenser Fan, 1/2HP, 460Volt	1098507	*	*	*	*	*	1		1		1		1		1		1
36	Distributor	1065884	1	1	1	1												
36		1063218	*	*	*	*	1	1	1	1								
36		1063219	*	*	*	*	*	*	*	*	1	1	1	1	1	1	1	1
38	Valve, Expansion	1082238	1	1	1	1												
38		1066926	*	*	*	*	1	1	1	1	1	1	1	1				
38		1066901	*	*	*	*	*	*	*	*	*	*	*	*	1	1	1	1
39	Tube, Drain	1069172	1	1	1	1												
40	Contactora, 30 Amp, 3 Pole	607339	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
41	Transformer, 208-240V Pri, 24V Sec 65VA	1054637	1	1			1		1		1		1		1		1	
41	Transformer, 460V Pri, 24V Sec 65VA	1054638	*	*	1	1	1		1		1		1		1		1	
42	Board, Terminal Low Voltage	1054627	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
44	Timer, Fan	1084197	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
45	Orifice, Pilot Burner Nat. (.018)	503211	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
47	Tube, Pilot	64930	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
48	Ignitor & Sensor	1009524	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
49	Relay, SPDT	1058148	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
50	Relay, DPDT	1097980	*	*	1	1		1		1		1		1		1		1
51	Transformer, 460-575 Pri, 230V Sec 100VA	1054639	*	*	1	1	1		1		1		1		1		1	
54	Switch, Low Pressure	1096252	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
55	Switch, High Pressure	1096251	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
57	Plug, Compressor Harness	1083811	1	1	1	1												
57		1083935	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
58	Filter, Air	1096258	1	1	1	1												
58	Filter, Air	1054503	*	*	*	*	2	2	2	2	2	2	2	2	2	2	2	2
59	Drier	713894	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
60	Switch, Temperature	1098701	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
A	Grille, Outlet	1084490	1	1	1	1												
A		1064542	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
AA	Panel, Supply Air	1068165	1	1	1	1												
AA		1068161	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
AB	Box, Control	1113720	1	1	1	1												
AB		1098606	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
AC	Cover, Control Box	1054475	1	1	1	1												
AC		1054510	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
AU	Handle, Door	1068209	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
B	Panel, Top	1068191	1	1	1	1												
B		1068157	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
BB	Pan, Drain	1065795	1	1	1	1												
BB		1113589	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
C	Orifice, Condenser Fan	1065724	1	1	1	1												
C		1065725	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
CC	Partition, Return Air	1065033	1	1	1	1												
CC		1054471	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
D	Housing, Blower	1099239	1	1	1	1												
D		1099234	*	*	*	*	1	1	1	1	1	1						
D		1099235	*	*	*	*	*	*	*	*	*	*	1	1	1	1	1	1
DD	Cover, Duct	1068159	2	2	2	2												
DD		1068158	*	*	*	*	2	2	2	2	2	2	2	2	2	2	2	2
E	Deck, Blower	1065404	1	1	1	1												
E		1065379	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1

Parts List, Wiring Diagrams, & Tech Labels for PGAD & PGME Series

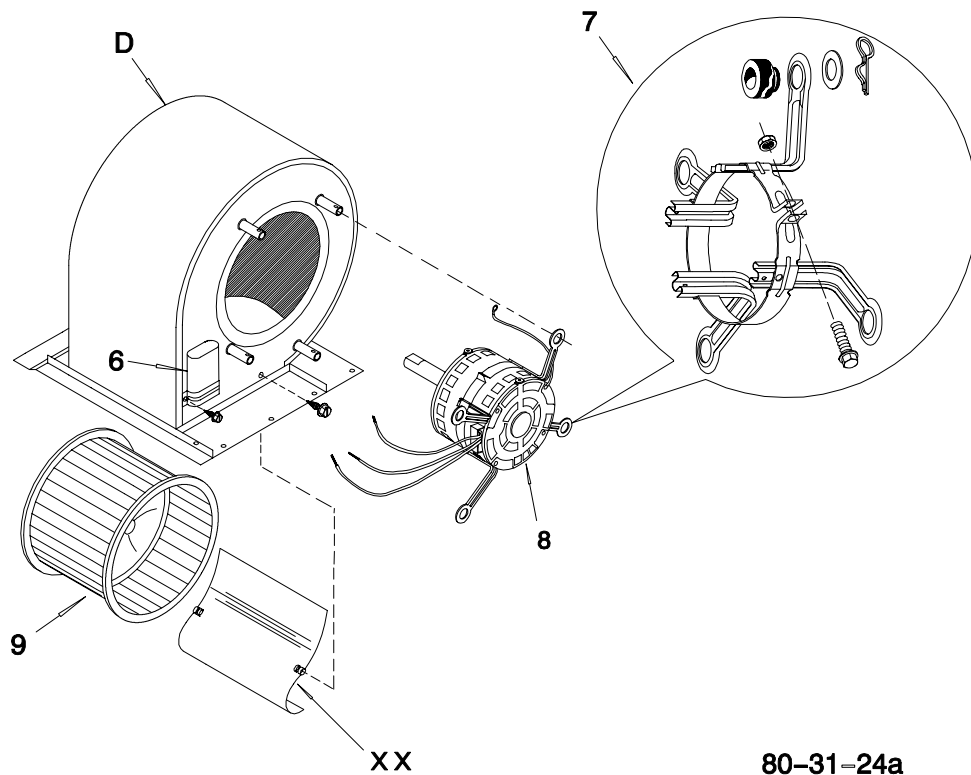
Key No.	Description	Part Number	PGAD36D1HC PGME36H09C	PGAD36E1HC PGME36H15C	PGAD36D1LB PGME36F09B	PGAD36E1LB PGME36F15B	PGAD42D1HB PGME42H09B	PGAD42D1LB PGME42F09B	PGAD42E1HB PGME42H15B	PGAD42E1LB PGME42F15B	PGAD47D1HB PGME48H09B	PGAD47D1LB PGME48F09B	PGAD47F1HB PGME48H13B	PGAD47F1LB PGME48F13B	PGAD60E1HB PGME60H15B	PGAD60F15B	PGAD60G1HB PGME60H150B	PGAD60G1LB PGME60F150B
EE	Partition, Center	1066331	1	1	1	1												
F	Baffle, Coil	1082435	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
FF	Bracket, Supply Air	1054524	1	1	1	1												
FF		1054525	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
G	Panel, Access (Heat Exchanger)	1068180	1	1	1	1												
G		1068181	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
GG	Baffle, Air	1066409	1	1	1	1												
GG		1054522	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
H	Shield, Burner	1054422	1	*	1		1	1			1	1						
H		1054267	*	1		1			1	1					1	1		
H		1054382	*	*	*	*	*	*	*	*	*	*	1	1				
H		1054415	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	1
HH	Cover Upper Evaporator	1066332	1	1	1	1												
J	Support, Manifold	1084327	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
JJ	Cover, Lower Evaporator	1066333	1	1	1	1												
K	Bracket, Ignitor	1054275	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
L	Hood, Flue Exhaust	1054269	1	1	1	1												
L		1054621	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
LL	Nut, Cap	1067902	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
M	Support, Flue	1054511	1	1	1	1												
M		1054620	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
MM	Bracket, Blower Support	1065030	*	*	*	*	*	*	*	*	*	*	1	1	1	1	1	1
N	Bracket, Evap	1099106	1	1	1	1												
N		1098999	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
NN	Bracket, Filter Top	1065618	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
O	Extension, Combustion Blower	1054461	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
OO	Support, Filter Top	1054502	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
P	Gasket, Extension	1065260	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PP	Panel, Coil Support	1098509	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
Q	Post, Corner (Heating)	1068187	1	1	1	1												
Q		1068188	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
QQ	Panel, Heating Area	1098508	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
R	Panel Access (Gas)	1068183	1	1	1	1												
R		1068184	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
S	Panel, Pressure Port	1068182	1	1	1	1												
S		1068164	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
SS	Panel, Drain Outlet	1068162	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
T	Plate, Pressure Port	1068189	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TT	Panel, Filter Access	1068175	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
V V	Post, Return Air Corner	1068168	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
W	Post, Corner	1068167	2	2	2	2												
W		1068172	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
WW	Clamp, Capacitor	1095022	1	1	1	1							1	1	1	1	1	1
WW		1095020	*	*	*	*	1	1	1	1	1	1						
WX	Clamp, Capacitor, Condenser Motor	1095020	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
X	Rail, Base	1065001	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
X1		1054464	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
X2		1084078	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
X3		1113559	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1
XX	Panel, Blower Cutoff	1066448	1	1	1	1												
XX		95145	*	*	*	*	1	1	1	1	1	1						
XX		1065073	*	*	*	*	*	*	*	*	*	*	1	1	1	1	1	1
YY	Post, Center	1068163	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
Z	Panel, Return Air	1068166	1	1	1	1												
Z		1068160	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
Z1	Grille, Inlet	1064544	1	1	1	1												
Z1		1064545	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
Z2	Grille, Inlet	1064543	1	1	1	1												
Z2		1064547	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
Z3	Grille, Inlet	1064546	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
)(	Bracket, Filter	1096248	1	1	1	1												
)(	Bracket, Filter	1096249	1	1	1	1												
)(	Retainer, Filter	1054517	*	*	*	*	2	2	2	2	2	2	2	2	2	2	2	2
)(	Coupling, Male	1054625	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
)(	Gas Conversion Kit Nat. To L.P.	1098637	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
)(	Gas Conversion Kit L.P. To Nat.	1148142	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
)(	Manual, Parts List	50904160300	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
)(	Manual, Installation	50901110100	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Parts List, Wiring Diagrams, & Tech Labels for PGAD & PGME Series

CONTROL BOX



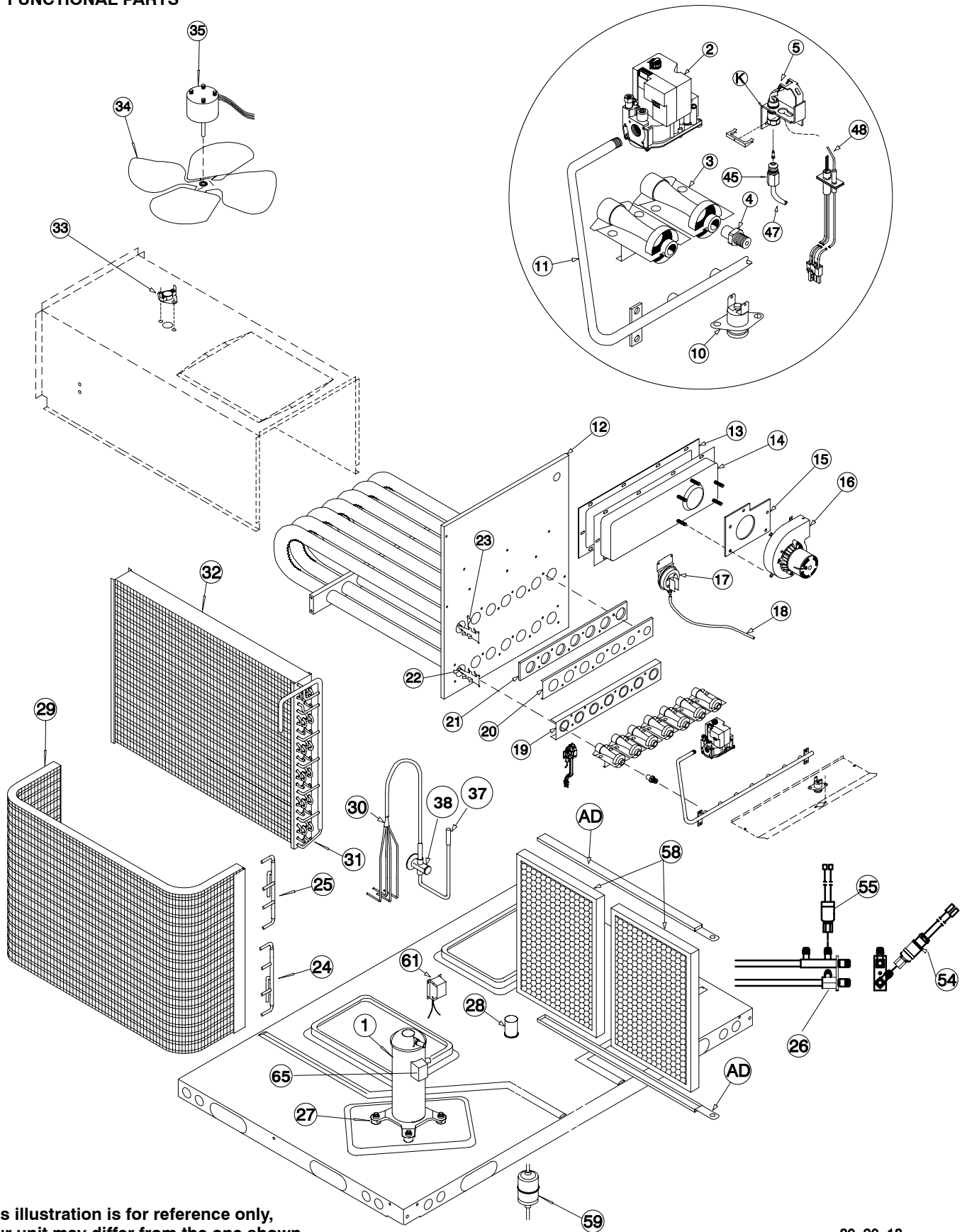
This illustration is for reference only,
your unit may differ from the one shown.



BLOWER ASSEMBLY

Parts List, Wiring Diagrams, & Tech Labels for PGAD & PGME Series

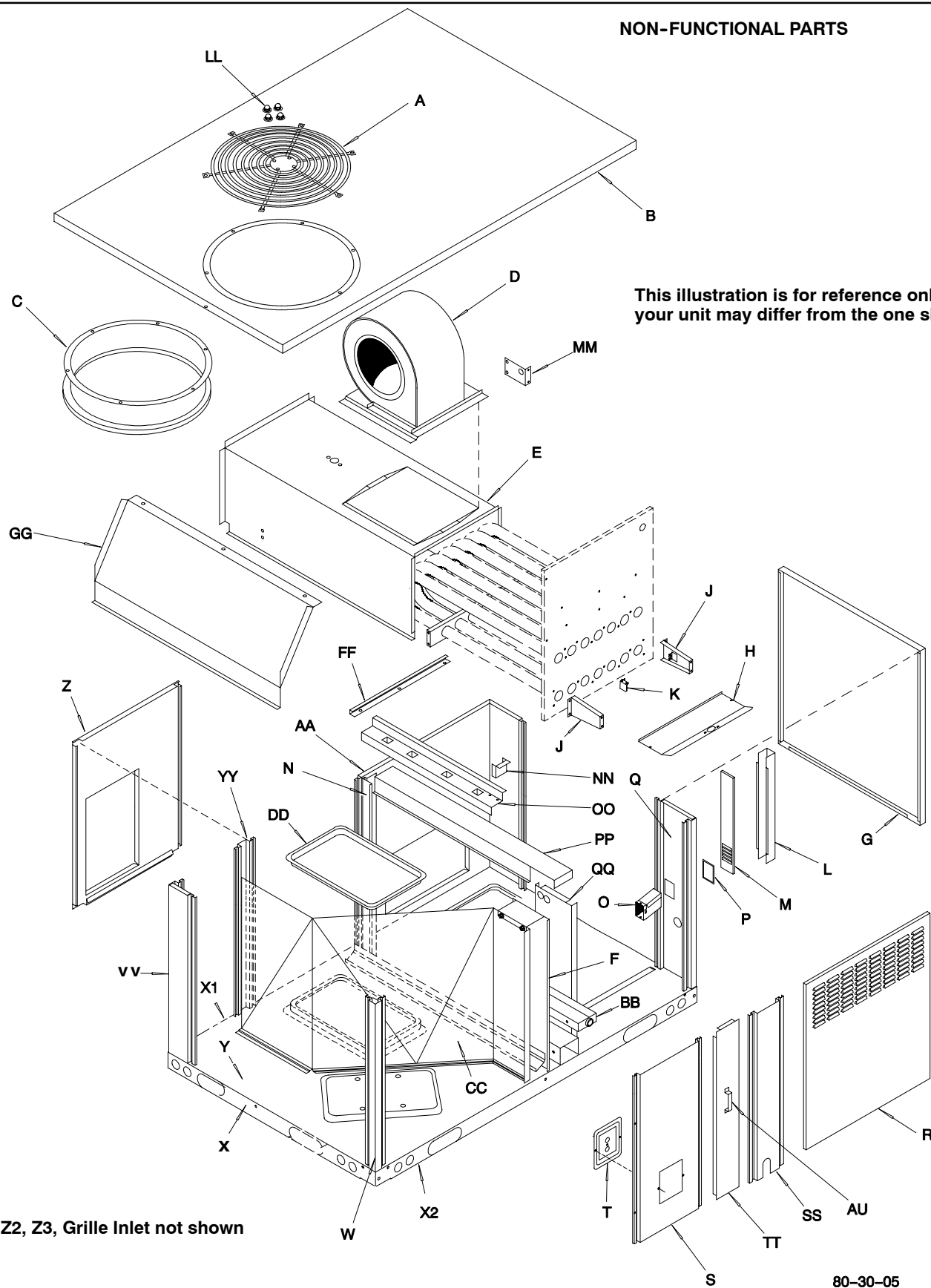
FUNCTIONAL PARTS



This illustration is for reference only,
your unit may differ from the one shown.

80-30-18

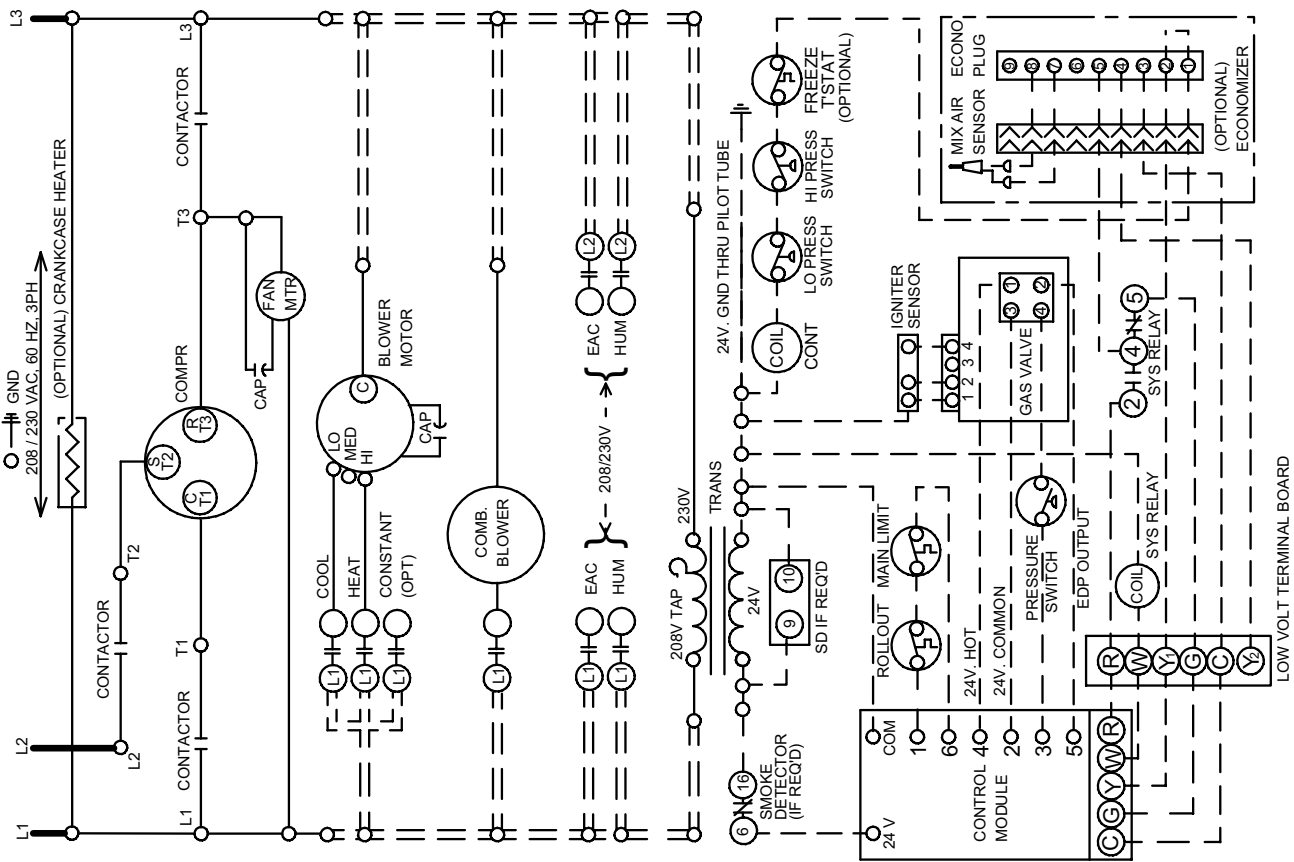
Parts List, Wiring Diagrams, & Tech Labels for PGAD & PGME Series



3 TON, 208/230 VOLT WIRING DIAGRAM

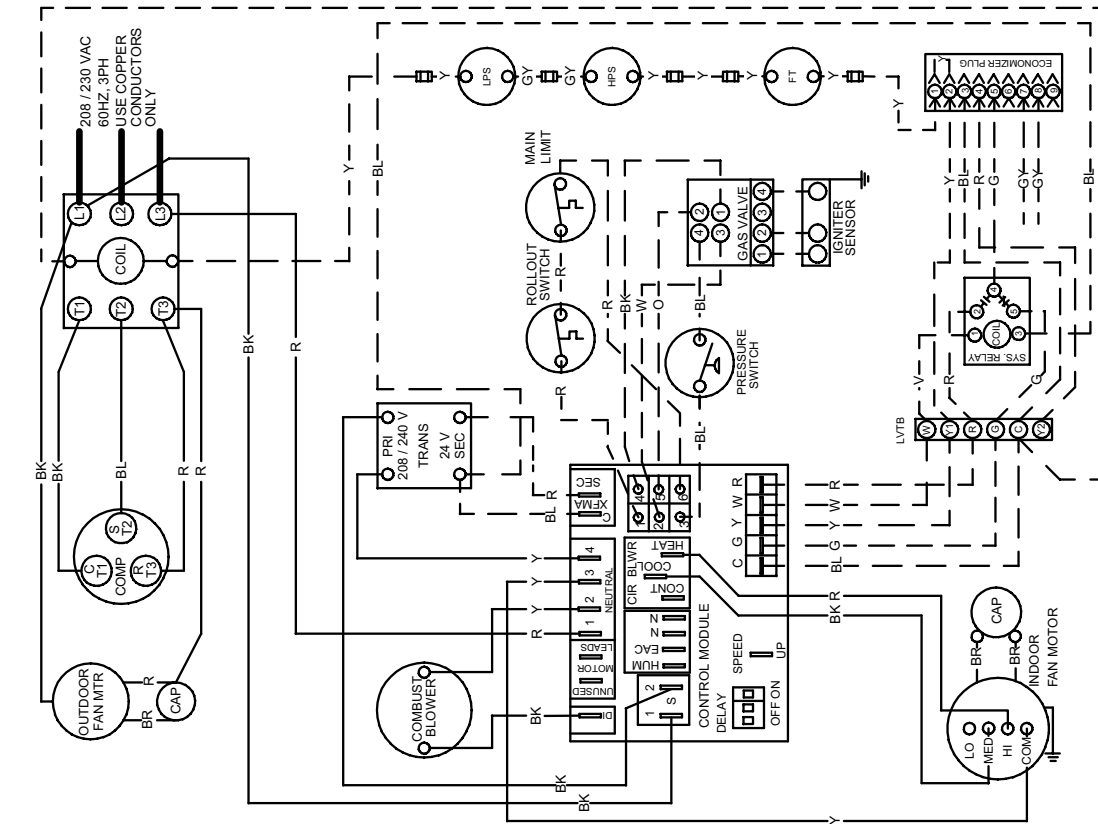
LADDER WIRING DIAGRAM

DANGER: ELECTRICAL SHOCK HAZARD DISCONNECT POWER BEFORE SERVICING



CONNECTION WIRING DIAGRAM

DANGER: ELECTRICAL SHOCK HAZARD DISCONNECT POWER BEFORE SERVICING



IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THE APPLIANCE MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE AWM-105°C OR ITS EQUIVALENT.

* SEE INSTALLATION INSTRUCTIONS FOR PROPER HEATING AND COOLING CONNECTIONS FOR YOUR UNIT

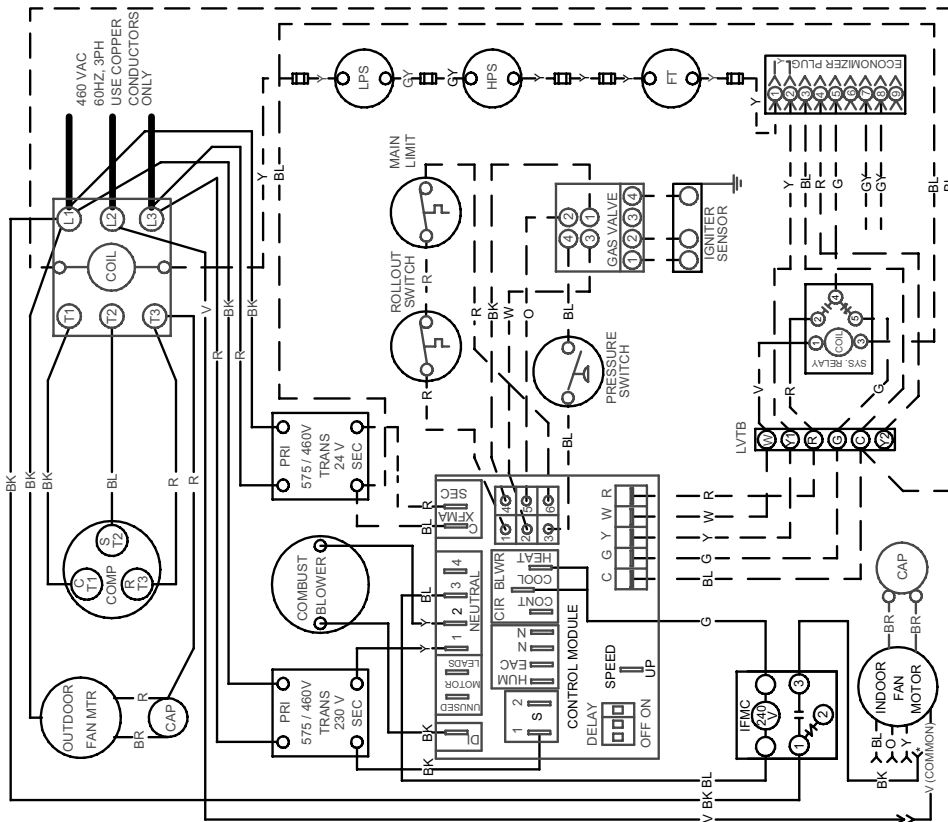
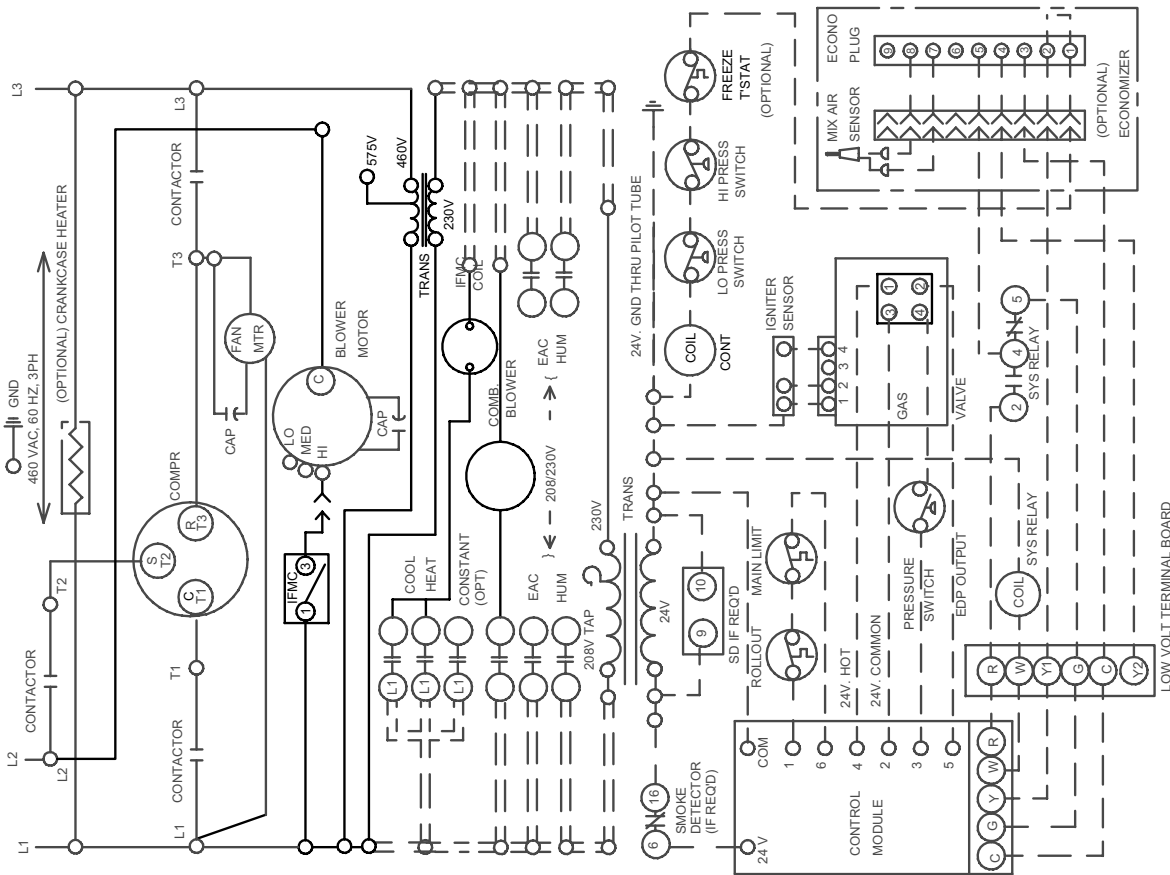
LINE VOLTAGE FACTORY	COLOR CODE:	BLACK	GREEN	WHITE	W
LINE VOLTAGE FIELD		BL	OR	Y	Y
LOW VOLTAGE FACTORY		BR	RD		
LOW VOLTAGE FIELD		GY	V		
INTERNAL CIR BRD WIRING					

Parts List, Wiring Diagrams, & Tech Labels for PGAD & PGME Series

3 TON, 460 VOLT WIRING DIAGRAM

LADDER WIRING DIAGRAM

CONNECTION WIRING DIAGRAM
DANGER: ELECTRICAL SHOCK HAZARD DISCONNECT POWER BEFORE SERVICING

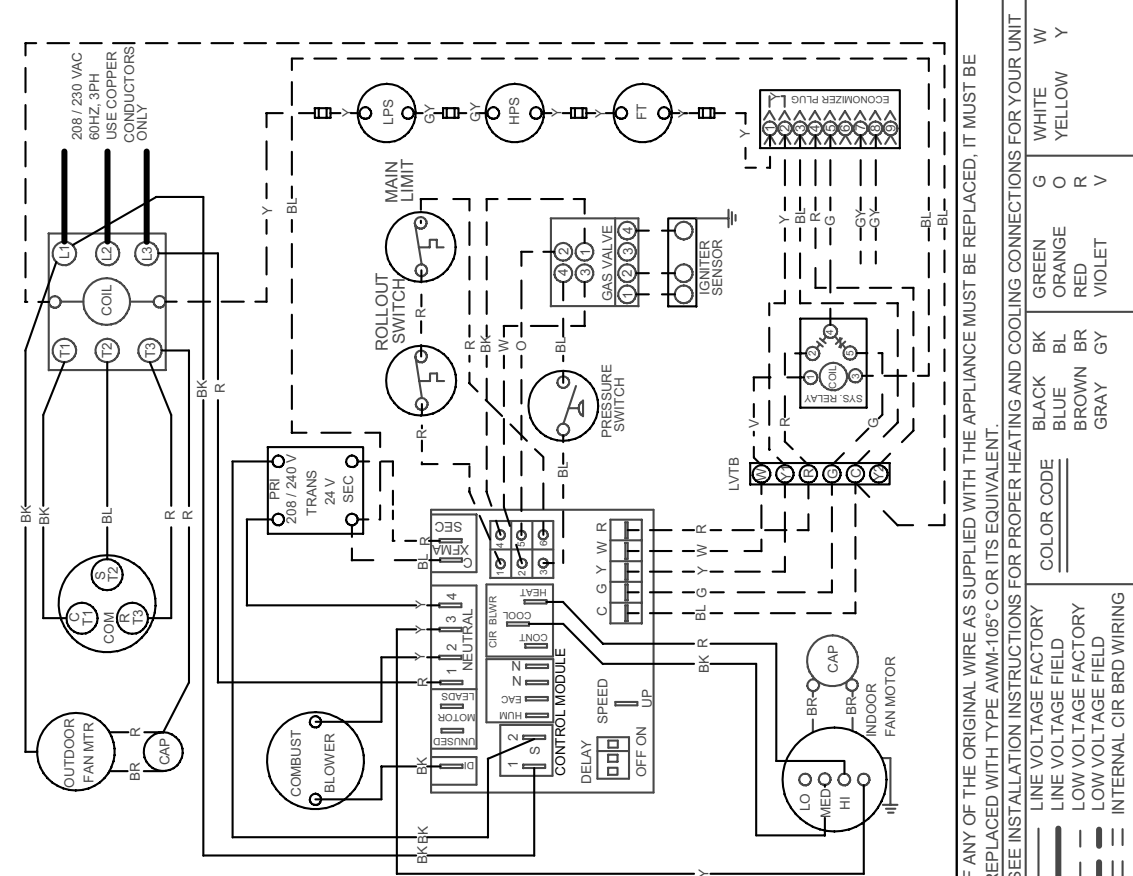


IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THE APPLIANCE MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE AW10-105°C OR ITS EQUIVALENT.
* SEE INSTALLATION INSTRUCTIONS FOR PROPER HEATING AND COOLING CONNECTIONS FOR YOUR UNIT

LINE VOLTAGE FACTORY	COLOR CODE	BLACK	GRAY	WHITE	W
LOW VOLTAGE FIELD		BL	GR	Y	
LOW VOLTAGE FACTORY		BR	OR		
LOW VOLTAGE FIELD		GY	V		
INTERNAL CIR BRD WIRING					

CONNECTION WIRING DIAGRAM

DANGER: ELECTRICAL SHOCK HAZARD DISCONNECT POWER BEFORE SERVICING



IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THE APPLIANCE MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE AWM-105°C OR ITS EQUIVALENT.

* SEE INSTALLATION INSTRUCTIONS FOR PROPER HEATING AND COOLING CONNECTIONS FOR YOUR UNIT.

LINE	VOI	TAGE	FACTORY	BLACK	BK	GREEN	G	WHITE	W
------	-----	------	---------	-------	----	-------	---	-------	---

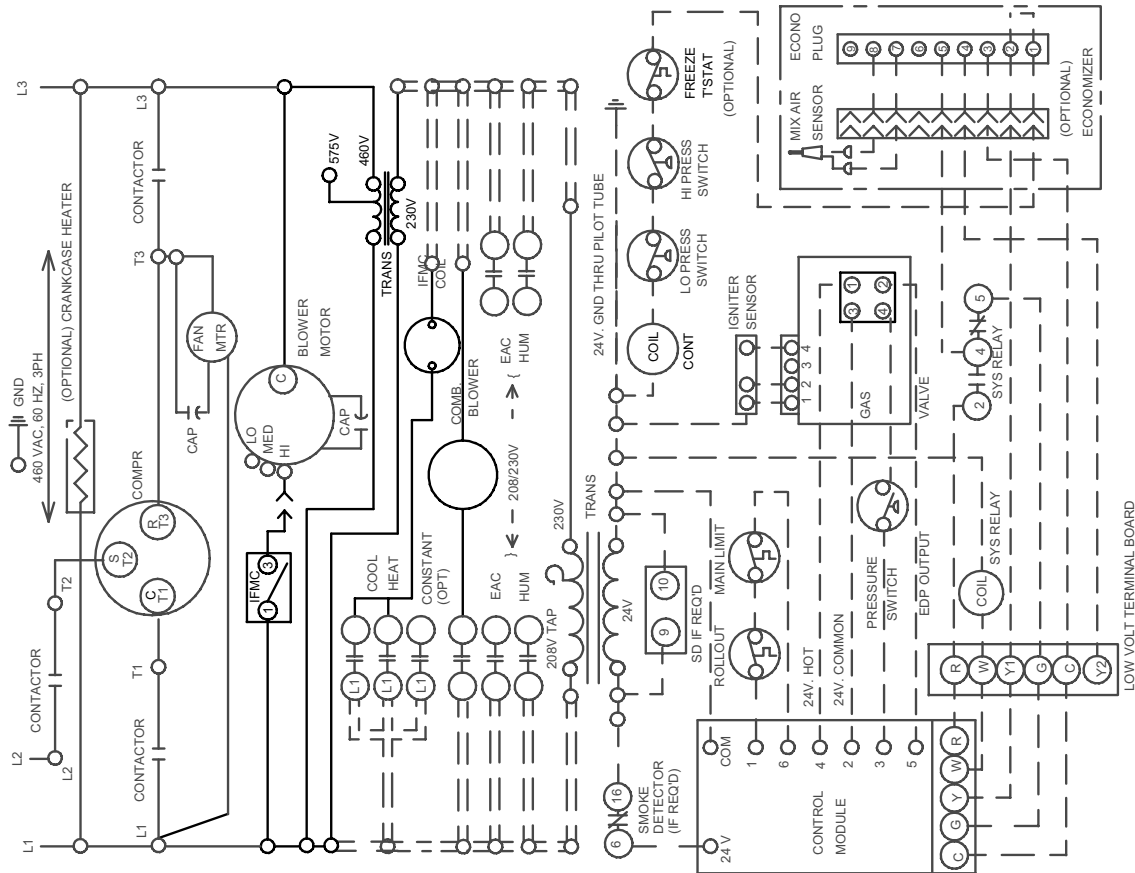
	COLOR CODE	BK	GREEN	G	WHITE	W
LINE VOLTAGE FACTORY	---	BLACK				
LINE VOLTAGE FIELD	---	BLUE	BL	O	ORANGE	Y
LOW VOLTAGE FACTORY	---	BROWN	BR	R	RED	
LOW VOLTAGE FIELD	---	GRAY	GY	V	VIOLET	
INTERNAL CIR BRD WIRING	---					

Parts List, Wiring Diagrams, & Tech Labels for PGAD & PGME Series

4 & 5 TON, 460 VOLT WIRING DIAGRAM

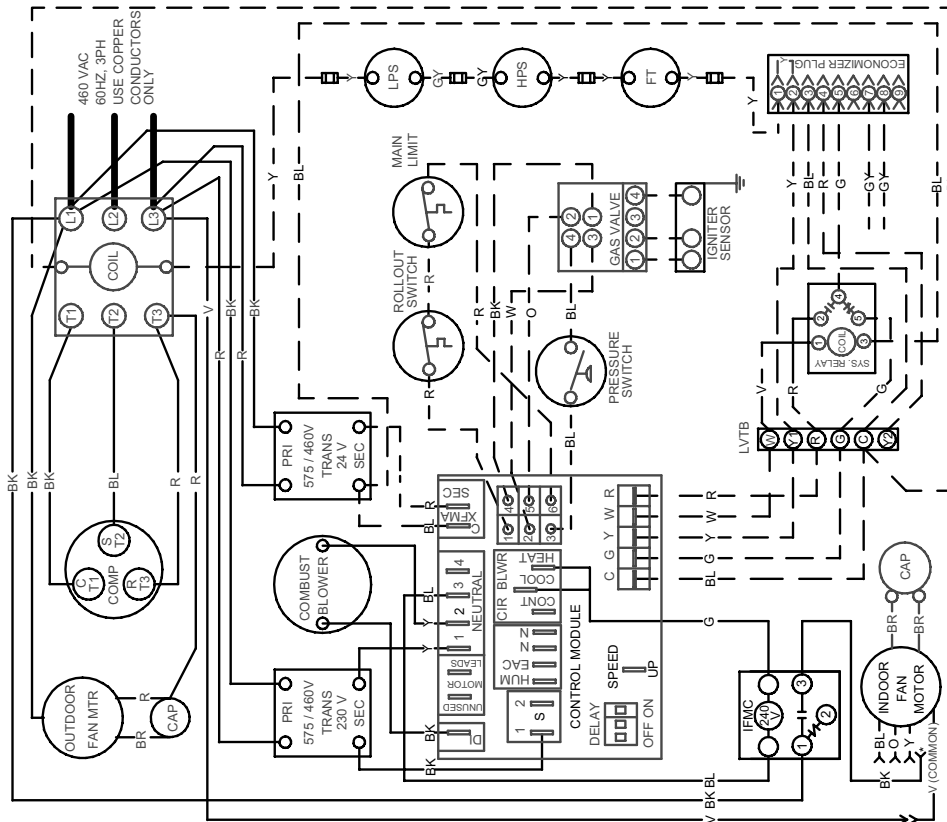
LADDER WIRING DIAGRAM

DANGER: ELECTRICAL SHOCK HAZARD DISCONNECT POWER BEFORE SERVICING



CONNECTION WIRING DIAGRAM

DANGER: ELECTRICAL SHOCK HAZARD DISCONNECT POWER BEFORE SERVICING



IF ANY OF THE ORIGINAL WIRE AS SUPPLIED WITH THE APPLIANCE MUST BE REPLACED, IT MUST BE REPLACED WITH TYPE AWM-105°C OR ITS EQUIVALENT.

* SEE INSTALLATION INSTRUCTIONS FOR PROPER HEATING AND COOLING CONNECTIONS FOR YOUR UNIT

LINE VOLTAGE FACTORY	COLOR CODE	BLACK	GREEN	WHITE
LINE VOLTAGE FIELD		BL	GR	WH
LOW VOLTAGE FACTORY		BR	OR	Y
LOW VOLTAGE FIELD		GY	RD	
INTERNAL CIR BRD WIRING			VT	

Parts List, Wiring Diagrams, & Tech Labels for PGAD & PGME Series

Style No:	PGAD36D1H / PGME36H090			Outdoor Ambient Temperature - Degrees F. Dry Bulb																						
Voltage	208 / 230		Gas Type	NAT	IDB	75				85				95				105				115				
Phase	3		Std Input	90		Entering Indoor Temperature - Degrees F. Wet Bulb																				
Ampacity	21.3		Low Fire Input	75	70	MBh	32.0	33.1	36.3	-	31.2	32.3	35.4	-	30.4	31.6	34.6	-	28.9	30.0	32.8	-	26.8	27.8	30.4	-
Wire Ga/Ft	10 / 50		Std Output	70		S/T	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
Delay Fuse	15		Low Fire Output	59		AMPS	9.5	9.6	9.8	-	10.0	10.2	10.4	-	10.4	10.6	10.8	-	10.9	11.0	11.3	-	11.3	11.5	11.7	-
Max. Fuse	30		Gas Valve (HS)	HW		HI PR	184	198	209	-	209	225	237	-	238	256	270	-	268	288	304	-	296	318	336	-
Compressor	COPELAND		Regulation	SNAP	75	LO PR	64	68	75	-	67	71	77	-	70	75	81	-	73	78	85	-	76	81	88	-
RLA	11.5		Manifold Pres	3.5		MBh	32.5	33.5	36.2	38.9	31.7	32.7	35.4	38.0	31.0	31.9	34.5	37.0	29.4	30.3	32.8	35.2	27.2	28.1	30.4	32.6
LRA	77		Std orifice	43		S/T	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
Cap MFD/V			Low Fire Orifice	46		AMPS	9.6	9.7	9.9	10.1	10.1	10.2	10.4	10.7	10.5	10.7	10.9	11.2	10.9	11.1	11.4	11.6	11.4	11.5	11.8	12.1
CC Heater			Pilot Orifice	0.018	80	HI PR	186	200	211	220	211	227	240	250	240	259	273	285	271	291	307	321	299	322	340	354
Start Kit			Temp Rise	35-65		LO PR	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95
Cond & Evap	Cond	Evap	Ignition Type	HSP		MBh	33.1	33.8	36.1	38.6	32.3	33.0	35.3	37.7	31.5	32.2	34.4	36.8	29.9	30.6	32.7	34.9	27.7	28.3	30.3	32.4
Type	Fan	Blower	Fan On/Off	TIME		S/T	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60
Size	20	DD11-	Limit Set Max	135	85	AMPS	9.6	9.8	10.0	10.2	10.1	10.3	10.5	10.7	10.6	10.7	11.0	11.2	11.0	11.2	11.4	11.7	11.4	11.6	11.9	12.2
Motor-HP	1/3	3/4	Heat Antic <td>0.58</td> <th>HI PR</th> <td>188</td> <td>202</td> <td>213</td> <td>222</td> <td>213</td> <td>229</td> <td>242</td> <td>253</td> <td>243</td> <td>261</td> <td>276</td> <td>288</td> <td>273</td> <td>294</td> <td>311</td> <td>324</td> <td>302</td> <td>325</td> <td>343</td> <td>358</td>	0.58		HI PR	188	202	213	222	213	229	242	253	243	261	276	288	273	294	311	324	302	325	343	358
Type	PSC	PSC				LO PR	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96
FLA	1.9	5.6				MBh	33.7	34.3	35.9	38.3	32.9	33.5	35.1	37.4	32.1	32.7	34.2	36.5	30.5	31.0	32.5	34.7	28.2	28.8	30.1	32.1
LRA	3.7	12.85			S/T	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78	
RPM	1075	1125			AMPS	9.7	9.8	10.0	10.2	10.2	10.3	10.6	10.8	10.6	10.8	11.0	11.3	11.1	11.2	11.5	11.8	11.5	11.7	12.0	12.3	
Cap MFD/V	5/370	15/440	HI PR	189	204	215	224	215	232	245	255	245	264	279	291	276	297	314	327	305	328	346	361			
PTCR			LO PR	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97			
Hi Press	420		Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																							
Low Press	20																									
Operating Chg	(R-22 Oz)																									
(No Lines)*	102																									
Service Driers																										
Liquid/Chg	6 Cu In / 11 oz																									
Suction	30 Sq In																									
Unit Weight	435																									
			LO	1077	1057	1033	1006	976	942	899															1113278	

1113278

Style No:	PGAD36D1L / PGME36F090			Outdoor Ambient Temperature - Degrees F. Dry Bulb																					
Voltage	460		Gas Type	NAT	IDB	75				85				95				105				115			
Phase	3		Std Input	90		Entering Indoor Temperature - Degrees F. Wet Bulb																			
Ampacity	10.8		Low Fire Input	75	70	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
Wire Ga/Ft	10 / 50		Std Output	70		MBh	32.0	33.1	36.3	-	31.2	32.3	35.4	-	30.4	31.6	34.6	-	28.9	30.0	32.8	-	26.8	27.8	30.4
Delay Fuse	15		Low Fire Output	59	S/T	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
Max. Fuse	15		Gas Valve (HSP)	HW	AMPS	4.8	4.8	4.9	-	5.0	5.1	5.2	-	5.2	5.3	5.4	-	5.4	5.5	5.6	-	5.6	5.7	5.9	-
Compressor	COPELAND		Regulation	SNAP	HI PR	184	198	209	-	209	225	237	-	238	256	270	-	268	288	304	-	296	318	336	-
RLA	5.8		Manifold Press	3.5	LO PR	64	68	75	-	67	71	77	-	70	75	81	-	73	78	85	-	76	81	88	-
LRA	39		Std orifice	43	MBh	32.5	33.5	36.2	38.9	31.7	32.7	35.4	38.0	31.0	31.9	34.5	37.0	29.4	30.3	32.8	35.2	27.2	28.1	30.4	32.6
Cap MFD/V			Low Fire Orifice	46	S/T	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
CC Heater			Pilot Orifice	0.1228	AMPS	4.8	4.9	4.9	5.1	5.0	5.1	5.2	5.3	5.2	5.3	5.4	5.6	5.5	5.6	5.7	5.8	5.7	5.8	5.9	6.1
Start Kit			Temp Rise	35-65	HI PR	186	200	211	220	211	227	240	250	240	259	273	285	271	291	307	321	299	322	340	354
Cond & Evap	Cond	Evap	Ignition Type	HSP	LO PR	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95
Type	Fan	Blower	Fan On/Off	TIME	MBh	33.1	33.8	36.1	38.6	32.3	33.0	35.3	37.7	31.5	32.2	34.4	36.8	29.9	30.6	32.7	34.9	27.7	28.3	30.3	32.4
Size	20	DD11-9	Limit Set Max	135	S/T	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60
Motor-HP	1/3	2-Jan	Heat Antic	0.58	AMPS	4.8	4.9	5.0	5.1	5.1	5.1	5.2	5.4	5.3	5.4	5.5	5.6	5.5	5.6	5.7	5.9	5.7	5.8	5.9	6.1
Type	PSC	PSC			HI PR	188	202	213	222	213	229	242	253	243	261	276	288	273	294	311	324	302	325	343	358
FLA	0.7	2.12			LO PR	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96
LRA	2.15	4.23			MBh	33.7	34.3	35.9	38.3	32.9	33.5	35.1	37.4	32.1	32.7	34.2	36.5	30.5	31.0	32.5	34.7	28.2	28.8	30.1	32.1
RPM	1100	1000			S/T	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
Cap MFD/V	5/370	15/440			AMPS	4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.4	5.3	5.4	5.5	5.7	5.5	5.6	5.7	5.9	5.8	5.8	6.0	6.1
PTCR					HI PR	189	204	215	224	215	232	245	255	245	264	279	291	276	297	314	327	305	328	346	361
Hi Press	420				LO PR	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97
Low Press	20				Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																				
Operating Chg (No Lines)*	(R-22 Oz)				460	External Static Press (Inch Water Column)																			
					Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7													
Service Driers					HI	1438	1390	1342	1289	1233	1174	1115													
Liquid/Chg	16 Cu In / 11 oz				MD HI	1342	1300	1257	1209	1156	1098	1039													
Suction	30 Sq In				MD LO	1233	1200	1168	1130	1084	1031	975													
Unit Weight	435				LO	1077	1057	1033	1006	976	942	899													

1113630

Parts List, Wiring Diagrams, & Tech Labels for PGAD & PGME Series

Style No:	PGAD36E1H / PGME36H115				Outdoor Ambient Temperature - Degrees F. Dry Bulb																						
Voltage	208 / 230		Gas Type	NAT	IDB	75				85				95				105				115					
Phase	3		Std Input	115		Entering Indoor Temperature - Degrees F. Wet Bulb																					
Ampacity	21.3		Low Fire Input	95	70	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
Wire Ga/Ft	10 / 50		Std Output	90		MBh	32.0	33.1	36.3	-	31.2	32.3	35.4	-	30.4	31.6	34.6	-	28.9	30.0	32.8	-	26.8	27.8	30.4	-	
Delay Fuse	15		Low Fire Output	75		S/T	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	
Max. Fuse	30		Gas Valve (HSP)	HW		AMPS	9.5	9.6	9.8	-	10.0	10.2	10.4	-	10.4	10.6	10.8	-	10.9	11.0	11.3	-	11.3	11.5	11.7	-	
Compressor	COPELAND		Regulation	SNAP	75	HI PR	184	198	209	-	209	225	237	-	238	256	270	-	268	288	304	-	296	318	336	-	
RLA	11.5		Manifold Press	3.5		LO PR	64	68	75	-	67	71	77	-	70	75	81	-	73	78	85	-	76	81	88	-	
LRA	77		Std orifice	43		MBh	32.5	33.5	36.2	38.9	31.7	32.7	35.4	38.0	31.0	31.9	34.5	37.0	29.4	30.3	32.8	35.2	27.2	28.1	30.4	32.6	
Cap MFD/V			Low Fire Orifice	46		S/T	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42	
CC Heater			Pilot Orifice	0.018	80	AMPS	9.6	9.7	9.9	10.1	10.1	10.2	10.4	10.7	10.5	10.7	10.9	11.2	10.9	11.1	11.4	11.6	11.4	11.5	11.8	12.1	
Start Kit			Temp Rise	45-75		HI PR	186	200	211	220	211	227	240	250	240	259	273	285	271	291	307	321	299	322	340	354	
Cond & Evap	Cond	Evap	Ignition Type	HSP		LO PR	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95	
Type	Fan	Blower	Fan On/Off	TIME		85	MBh	33.1	33.8	36.1	38.6	32.3	33.0	35.3	37.7	31.5	32.2	34.4	36.8	29.9	30.6	32.7	34.9	27.7	28.3	30.3	32.4
Size	20	DD11-9A	Limit Set Max	140	S/T		0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60	
Motor-HP	1/3	3/4	Heat Antic	0.58	AMPS		9.6	9.8	10.0	10.2	10.1	10.3	10.5	10.7	10.6	10.7	11.0	11.2	11.0	11.2	11.4	11.7	11.4	11.6	11.9	12.2	
Type	PSC	PSC			HI PR		188	202	213	222	213	229	242	253	243	261	276	288	273	294	311	324	302	325	343	358	
FLA	1.3	5.6			85	LO PR	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96	
LRA	3.57	12.85				MBh	33.7	34.3	35.9	38.3	32.9	33.5	35.1	37.4	32.1	32.7	34.2	36.5	30.5	31.0	32.5	34.7	28.2	28.8	30.1	32.1	
RPM	1135	1145				S/T	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78	
Cap MFD/V	5/370	15/440				AMPS	9.7	9.8	10.0	10.2	10.2	10.3	10.6	10.8	10.6	10.8	11.0	11.3	11.1	11.2	11.5	11.8	11.5	11.7	12.0	12.3	
PTCR						85	HI PR	189	204	215	224	215	232	245	255	245	264	279	291	276	297	314	327	305	328	346	361
Hi Press	420				LO PR		66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97	
Low Press	20				Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																						
Operating Chg (No Lines)*	(R-22 Oz)				230 Volt External Static Press (Inch Water Column)																						
	102				Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7															
Service Driers					HI	1438	1390	1342	1289	1233	1174	1115															
Liquid/Chg	16 Cu In / 11 oz				MD HI	1342	1300	1257	1209	1156	1098	1039															
Suction	30 Sq In				MD LO	1233	1200	1168	1130	1084	1031	975															
Unit Weight	435				LO	1077	1057	1033	1006	976	942	899															
1086269																											

1086269

Style No:	PGAD36E1L; PGME36F115				Outdoor Ambient Temperature - Degrees F. Dry Bulb																						
Voltage	460	Gas Type	NAT	IDB	75				85				95				105				115						
Phase	3	Std Input	90		Entering Indoor Temperature - Degrees F. Wet Bulb																						
Ampacity	10.1	Low Fire Input	75	70	MBh	32.0	33.1	36.3	-	31.2	32.3	35.4	-	30.4	31.6	34.6	-	28.9	30.0	32.8	-	26.8	27.8	30.4	-		
Wire Ga/Ft	NEC	Std Output	70			S/T	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	
Delay Fuse	15	Low Fire Output	59	75	AMPS		4.8	4.8	4.9	-	5.0	5.1	5.2	-	5.2	5.3	5.4	-	5.4	5.5	5.6	-	5.6	5.7	5.9	-	
Max. Fuse	15	Gas Valve (HSP)	HW			HI PR	184	198	209	-	209	225	237	-	238	256	270	-	268	288	304	-	296	318	336	-	
Compressor	COPELAND	Regulation	SNAP	LO PR	64		68	75	-	67	71	77	-	70	75	81	-	73	78	85	-	76	81	88	-		
RLA	5.8	Manifold Press	3.5		75	MBh	32.5	33.5	36.2	38.9	31.7	32.7	35.4	38.0	31.0	31.9	34.5	37.0	29.4	30.3	32.8	35.2	27.2	28.1	30.4	32.6	
LRA	39	Std orifice	43	S/T			0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42	
Cap MFD/V		Low Fire Orifice	46		AMPS	4.8	4.8	4.9	5.1	5.0	5.1	5.2	5.3	5.2	5.3	5.4	5.6	5.5	5.6	5.7	5.8	5.7	5.8	5.9	6.1		
CC Heater		Pilot Orifice	0.1228	HI PR		186	200	211	220	211	227	240	250	240	259	273	285	271	291	307	321	299	322	340	354		
Start Kit		Temp Rise	35-65		LO PR	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95		
Cond & Evap	Cond	Evap	Ignition Type	HSP		80	MBh	33.1	33.8	36.1	38.6	32.3	33.0	35.3	37.7	31.5	32.2	34.4	36.8	29.9	30.6	32.7	34.9	27.7	28.3	30.3	32.4
Type	Fan	Blower	Fan On/Off	TIME	S/T			0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60
Size	20	DD11-9	Limit Set Max	135		AMPS	4.8	4.9	5.0	5.1	5.1	5.1	5.2	5.4	5.3	5.4	5.5	5.6	5.5	5.6	5.7	5.9	5.7	5.8	5.9	6.1	
Motor-HP	1/3	1	Heat Antic	0.58	HI PR		188	202	213	222	213	229	242	253	243	261	276	288	273	294	311	324	302	325	343	358	
Type	PSC	PSC				LO PR	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96	
FLA	0.7	2.12			85		MBh	33.7	34.3	35.9	38.3	32.9	33.5	35.1	37.4	32.1	32.7	34.2	36.5	30.5	31.0	32.5	34.7	28.2	28.8	30.1	32.1
LRA	2.15	4.23				S/T		1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
RPM	1100	1000			AMPS		4.8	4.9	5.0	5.1	5.1	5.2	5.3	5.4	5.3	5.4	5.5	5.7	5.5	5.6	5.7	5.9	5.8	5.8	6.0	6.1	
Cap MFD/V	5/370	15/440				HI PR	189	204	215	224	215	232	245	255	245	264	279	291	276	297	314	327	305	328	346	361	
PTCR					LO PR		66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97	
Hi Press	420					Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																					
Low Press	20																										
Operating Chg (No Lines)*	(R-22 Oz) 102				460	External Static Press (Inch Water Column)																					
Service Driers	16 Cu In / 11 oz				Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7															
					HI	1438	1390	1342	1289	1233	1174	1115															
					MD HI	1342	1300	1257	1209	1156	1098	1039															
Suction	30 Sq In				MD LO	1233	1200	1168	1130	1084	1031	975															
					LO	1077	1057	1033	1006	976	942	899															
Unit Weight	435																										

1113631

Parts List, Wiring Diagrams, & Tech Labels for PGAD & PGME Series

Style No:	PGAD42D1H / PGME42H090			Outdoor Ambient Temperature - Degrees F. Dry Bulb																										
Voltage	208 / 230		Gas Type	NAT	IDB	75				85				95				105				115								
Phase	3		Std Input	90		Entering Indoor Temperature - Degrees F. Wet Bulb																								
Ampacity	23.6		Low Fire Input	75		59 63 67 71				59 63 67 71				59 63 67 71				59 63 67 71				59 63 67 71								
Wire Ga/Ft	8 / 72		Std Output	71	70	MBh	38.6	40.0	43.8	-	37.6	39.0	42.8	-	36.7	38.1	41.7	-	34.9	36.2	39.6	-	32.3	33.5	36.7	-				
Delay Fuse	15		Low Fire Output	60		S/T	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-				
Max. Fuse	35		Gas Valve (HSP)	HW		AMPS	12.6	12.8	13.1	-	13.4	13.6	13.9	-	14.0	14.3	14.7	-	14.7	15.0	15.4	-	15.4	15.7	16.1	-				
Compressor	COPELAND		Regulation	SNAP	3.5	HI PR	165	178	188	-	188	202	213	-	214	230	243	-	241	259	273	-	266	286	302	-				
RLA	13.9		Manifold Press			LO PR	66	71	77	-	69	73	80	-	73	77	84	-	76	81	88	-	79	84	91	-				
LRA	88		Std orifice	43		MBh	39.2	40.4	43.7	46.9	38.3	39.4	42.7	45.8	37.4	38.5	41.6	44.7	35.5	36.5	39.5	42.4	32.9	33.8	36.6	39.3				
Cap MFD/V			Low Fire Orifice	46	S/T	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42					
CC Heater			Pilot Orifice	0.018	75	AMPS	12.7	12.9	13.2	13.6	13.5	13.7	14.0	14.4	14.1	14.4	14.8	15.2	14.8	15.1	15.5	15.9	15.5	15.8	16.2	16.7				
Start Kit			Temp Rise	30 - 60		HI PR	167	179	190	198	190	204	216	225	216	233	246	256	243	262	276	288	269	289	305	318				
Cond & Evap	Cond	Evap	Ignition Type	HSP		LO PR	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	85	92	98				
Type	Fan	Blower	Fan On/Off	TIME	80	MBh	39.9	40.8	43.6	46.6	39.0	39.8	42.5	45.5	38.0	38.8	41.5	44.4	36.1	36.9	39.4	42.1	33.5	34.2	36.5	39.0				
Size	22	DD10-9	Limit Set Max	135		S/T	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60				
Motor-HP	1/2	1/2	Heat Antic	0.58		AMPS	12.8	13.0	13.3	13.7	13.6	13.8	14.1	14.5	14.2	14.5	14.9	15.3	14.9	15.2	15.6	16.0	15.6	15.9	16.3	16.8				
Type	PSC	PSC <th rowspan="3">PTCR</th> <th rowspan="3"></th> <th rowspan="3">85</th> <th>HI PR</th> <td>168</td> <td>181</td> <td>191</td> <td>200</td> <td>168</td> <td>182</td> <td>206</td> <td>218</td> <td>227</td> <td>218</td> <td>235</td> <td>248</td> <td>259</td> <td>246</td> <td>264</td> <td>279</td> <td>291</td> <td>271</td> <td>292</td> <td>308</td> <td>322</td>	PTCR		85	HI PR	168	181	191	200	168	182	206	218	227	218	235	248	259	246	264	279	291	271	292	308	322			
FLA	1.8	4.4				LO PR	68	72	79	84	70	75	82	87	74	79	86	92	78	83	90	96	80	85	93	99				
LRA	6.4	8.6				MBh	40.6	41.4	43.4	46.3	39.6	40.4	42.3	45.2	38.7	39.4	41.3	44.1	36.7	37.5	39.2	41.9	34.0	34.7	36.3	38.8				
RPM	1145	1125	Cap MFD/V		85	S/T	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78				
Cap MFD/V	7.5/440	15/370				AMPS	12.9	13.1	13.4	13.7	13.6	13.9	14.2	14.6	14.3	14.6	15.0	15.4	15.0	15.3	15.7	16.2	15.7	16.0	16.4	16.9				
PTCR						HI PR	170	183	193	202	194	208	220	229	220	237	250	261	248	267	282	294	274	295	311	325				
Hi Press	420		Low Press	20 <th colspan="20">Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)</th>	Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																									
Low Press	20																													
Operating Chg (No Lines)*	(R-22 Oz)	180																												
Service Driers			16 Cu In / 11 oz 30 Sq In		230 Volt External Static Press (Inch Water Column)																									
Liquid/Chg					Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7	HI	1925	1860	1795	1725	1650	1570	1485	MD HI	1785	1735	1680	1620	1560	1485	1405		
Suction					MD LO	1570	1540	1505	1465	1415	1380	1280	LO	1485	1460	1430	1395	1345	1290	1225										
Unit Weight	580																													

1096271

Style No:	PGAD42D1L / PGME42F090			Outdoor Ambient Temperature - Degrees F. Dry Bulb																										
Voltage	460			Gas Type	NAT	IDB	75				85				95				105				115							
Phase	3			Std Input	90		Entering Indoor Temperature - Degrees F. Wet Bulb																							
Ampacity	11.6			Low Fire Input	75		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
Wire Ga/Ft	NEC			Std Output	71	70	MBh	38.6	40.0	43.8	-	37.6	39.0	42.8	-	36.7	38.1	41.7	-	34.9	36.2	39.6	-	32.3	33.5	36.7	-			
Delay Fuse	15			Low Fire Output	60		SIT	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-			
Max. Fuse	15			Gas Valve (HSP)	HW		AMPS	6.3	6.4	6.6	-	6.7	6.8	7.0	-	7.0	7.1	7.3	-	7.4	7.5	7.7	-	7.7	7.8	8.0	-			
Compressor	SCROLL			Regulation	SNAP	75	HI PR	165	178	188	-	188	202	213	-	214	230	243	-	241	259	273	-	266	286	302	-			
RLA	7			Manifold Press	3.5		LO PR	66	71	77	-	69	73	80	-	73	77	84	-	76	81	88	-	79	84	91	-			
LRA	44			Std orifice	43		MBh	39.2	40.4	43.7	46.9	38.3	39.4	42.7	45.8	37.4	38.5	41.6	44.7	35.5	36.5	39.5	42.4	32.9	33.8	36.6	39.3			
Cap MFD/V				Low Fire Orifice	46	SIT	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42				
CC Heater				Pilot Orifice	0.018	AMPS	6.3	6.5	6.6	6.8	6.7	6.9	7.0	7.2	7.1	7.2	7.4	7.6	7.4	7.5	7.7	8.0	7.7	7.9	8.1	8.3				
Start Kit				Temp Rise	30 - 60	HI PR	167	179	190	198	190	204	216	225	216	233	246	256	243	262	276	288	269	289	305	318				
Cond & Evap	Cond		Evap	Ignition Type	HSP	LO PR	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	85	92	98				
Type	Fan	Blower		Fan On/Off	TIME	MBh	39.9	40.8	43.6	46.6	39.0	39.8	42.5	45.5	38.0	38.8	41.5	44.4	36.1	36.9	39.4	42.1	33.5	34.2	36.5	39.0				
Size	22	DD10-9		Limit Set Max	135	SIT	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60				
Motor-HP	1/2	1/2		Heat Antic	0.58	AMPS	6.4	6.5	6.6	6.8	6.8	6.9	7.1	7.3	7.1	7.2	7.4	7.6	7.5	7.6	7.8	8.0	7.8	7.9	8.2	8.4				
Type	PSC	2.0				HI PR	168	181	191	200	192	206	218	227	218	235	248	259	246	264	279	291	271	292	308	322				
FLA	0.8	4.4				LO PR	68	72	79	84	70	75	82	87	74	79	86	92	78	83	90	96	80	85	93	99				
LRA	3.4	8.6				MBh	40.6	41.4	43.4	46.3	39.6	40.4	42.3	45.2	38.7	39.4	41.3	44.1	36.7	37.5	39.2	41.9	34.0	34.7	36.3	38.8				
RPM	1145	1125				SIT	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78				
Cap MFD/V	7.5/440	15/370				AMPS	6.4	6.5	6.7	6.9	6.8	6.9	7.1	7.3	7.2	7.3	7.5	7.7	7.5	7.7	7.8	8.1	7.9	8.0	8.2	8.5				
PTCR						HI PR	170	183	193	202	194	208	220	229	220	237	250	261	248	267	282	294	274	295	311	325				
Hi Press	420					LO PR	69	73	80	85	71	76	83	88	75	80	87	93	78	83	91	97	81	86	94	100				
Low Press	20					Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																								
Operating Chg (No Lines)*	RATING PLATE					230 Volt				External Static Press (Inch Water Column)																				
Service Driers						Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7																	
Liquid/Chg	16 Cu In / 11 oz					HI	1925	1860	1795	1725	1650	1570	1485																	
Suction	30 Sq In					MD HI	1785	1735	1680	1620	1560	1485	1405																	
Unit Weight	580					MD LO	1570	1540	1505	1465	1415	1380	1280																	
						LO	1485	1460	1430	1395	1345	1290	1225																	

1113290

Parts List, Wiring Diagrams, & Tech Labels for PGAD & PGME Series

Style No:	PGAD42E1H / PGME42H115					Outdoor Ambient Temperature - Degrees F. Dry Bulb																				
Voltage	208 / 230		Gas Type	NAT	IDB	75				85				95				105				115				
Phase	3		Std Input	115		Entering Indoor Temperature - Degrees F. Wet Bulb																				
Ampacity	23.6		Low Fire Input	95	70	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Wire Ga/Ft	8 / 72		Std Output	90		MBh	38.6	40.0	43.8	-	37.6	39.0	42.8	-	36.7	38.1	41.7	-	34.9	36.2	39.6	-	32.3	33.5	36.7	-
Delay Fuse	15		Low Fire Output	75	S/T	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	
Max. Fuse	35		Gas Valve (HSP)	HW	AMPS	12.6	12.8	13.1	-	13.4	13.6	13.9	-	14.0	14.3	14.7	-	14.7	15.0	15.4	-	15.4	15.7	16.1	-	
Compressor	COPELAND		Regulation	SNAP	HI PR	165	178	188	-	188	202	213	-	214	230	243	-	241	259	273	-	266	286	302	-	
RLA	13.9		Manifold Press	3.5	LO PR	66	71	77	-	69	73	80	-	73	77	84	-	76	81	88	-	79	84	91	-	
LRA	88		Std orifice	43	75	MBh	39.2	40.4	43.7	46.9	38.3	39.4	42.7	45.8	37.4	38.5	41.6	44.7	35.5	36.5	39.5	42.4	32.9	33.8	36.6	39.3
Cap MFD/V			Low Fire Orifice	46		S/T	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
CC Heater			Pilot Orifice	0.018	AMPS	12.7	12.9	13.2	13.6	13.5	13.7	14.0	14.4	14.1	14.4	14.8	15.2	14.8	15.1	15.5	15.9	15.5	15.8	16.2	16.7	
Start Kit			Temp Rise	35 - 65	HI PR	167	179	190	198	190	204	216	225	216	233	246	256	243	262	276	288	269	289	305	318	
Cond & Evap	Cond	Evap	Ignition Type	HSP	LO PR	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	85	92	98	
Type	Fan	Blower	Fan On/Off	TIME	80	MBh	39.9	40.8	43.6	46.6	39.0	39.8	42.5	45.5	38.0	38.8	41.5	44.4	36.1	36.9	39.4	42.1	33.5	34.2	36.5	39.0
Size	22	DD10-9	Limit Set Max	140		S/T	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60
Motor-HP	1/2	1/2	Heat Antic	0.58	AMPS	12.8	13.0	13.3	13.7	13.6	13.8	14.1	14.5	14.2	14.5	14.9	15.3	14.9	15.2	15.6	16.0	15.6	15.9	16.3	16.8	
Type	PSC	PSC			HI PR	168	181	191	200	192	206	218	227	218	235	248	259	246	264	279	291	271	292	308	322	
FLA	1.8	4.4			LO PR	68	72	79	84	70	75	82	87	74	79	86	92	78	83	90	96	80	85	93	99	
LRA	6.4	8.6			85	MBh	40.6	41.4	43.4	46.3	39.6	40.4	42.3	45.2	38.7	39.4	41.3	44.1	36.7	37.5	39.2	41.9	34.0	34.7	36.3	38.8
RPM	1145	1125				S/T	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
Cap MFD/V	7.5/440	15/370			AMPS	12.9	13.1	13.4	13.7	13.6	13.9	14.2	14.6	14.3	14.6	15.0	15.4	15.0	15.3	15.7	16.2	15.7	16.0	16.4	16.9	
PTCR					HI PR	170	183	193	202	194	208	220	229	220	237	250	261	248	267	282	294	274	295	311	325	
Hi Press	420				LO PR	69	73	80	85	71	76	83	88	75	80	87	93	78	83	91	97	81	86	94	100	
Low Press	20				Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																					
Operating Chg (No Lines)*	(R-22 Oz) 180				230 Volt	External Static Press (Inch Water Column)																				
Service Driers					Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7														
					HI	1925	1860	1795	1725	1650	1570	1485														
					MD HI	1785	1735	1680	1620	1560	1485	1405														
					MD LO	1570	1540	1505	1465	1415	1380	1280														
Liquid/Chg Suction	16 Cu In / 11 oz 30 Sq In				LO	1485	1460	1430	1395	1345	1290	1225														
Unit Weight	580																									
1096273																										

Style No:	PGAD42E1L / PGME42F115			Outdoor Ambient Temperature - Degrees F. Dry Bulb																				
Voltage	460		Gas Type	NAT																				
Phase	3		Std Input	115																				
Ampacity	11.6		Low Fire Input	95																				
Wire Ga/Ft	NEC		Std Output	90																				
Delay Fuse	15		Low Fire Output	75																				
Max. Fuse	15		Gas Valve (HSP)	HW																				
Compressor	SCROLL		Regulation	SNAP																				
RLA	7		Manifold Press	3.5																				
LRA	44		Std orifice	43																				
Cap MFD/V			Low Fire Orifice	46																				
CC Heater			Pilot Orifice	0.018																				
Start Kit			Temp Rise	35 - 65																				
Cond & Evap	Cond	Evap	Ignition Type	HSP																				
Type	Fan	Blower	Fan On/Off	TIME																				
Size	22	DD10-9	Limit Set Max	140																				
Motor-HP	1/2	1/2	Heat Antic	0.58																				
Type	PSC	2.0																						
FLA	0.8	4.4																						
LRA	3.4	8.6																						
RPM	1145	1125																						
Cap MFD/V	7.5/440	15/370																						
PTCR																								
Hi Press	420																							
Low Press	20																							
Operating Chg (No Lines)*	RATING PLATE																							
Service Driers																								
Liquid/Chg	16 Cu In / 11 oz																							
Suction	30 Sq In																							
Unit Weight	580																							
Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																								
230 Volt		External Static Press (Inch Water Column)																						
Speed Tap		0.1	0.2	0.3	0.4	0.5	0.6	0.7																
HI		1925	1860	1795	1725	1650	1570	1485																
MD HI		1785	1735	1680	1620	1560	1485	1405																
MD LO		1570	1540	1505	1465	1415	1380	1280																
LO		1485	1460	1430	1395	1345	1290	1225																

1113291

Parts List, Wiring Diagrams, & Tech Labels for PGAD & PGME Series

Style No:	PGAD47D1H / PGME48H090			Outdoor Ambient Temperature - Degrees F. Dry Bulb																										
Voltage	208 / 230		Gas Type	NAT	IDB	75				85				95				105				115								
Phase	3		Std Input	90		Entering Indoor Temperature - Degrees F. Wet Bulb																								
Ampacity	23.1		Low Fire Input	75	70	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71					
Wire Ga/Ft	8 / 61		Std Output	71		MBh	44.6	46.2	50.7	-	43.5	45.1	49.4	-	42.5	44.0	48.2	-	40.4	41.8	45.8	-	37.4	38.7	42.5	-				
Delay Fuse	15		Low Fire Output	60	S/T	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-					
Max. Fuse	35		Gas Valve (HSP)	HW	AMPS	12.2	12.4	12.7	-	13.0	13.2	13.5	-	13.6	13.8	14.1	-	14.2	14.4	14.8	-	14.8	15.1	15.4	-					
Compressor	COPELAND		Regulation	SNAP	HI PR	178	192	203	-	203	218	231	-	231	249	263	-	260	280	295	-	287	309	326	-					
RLA	13.5		Manifold Press	3.5	LO PR	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-					
LRA	120		Std orifice	43	75	MBh	45.4	46.7	50.6	54.3	44.3	45.6	49.3	53.0	43.2	44.5	48.1	51.7	41.0	42.3	45.7	49.1	38.0	39.1	42.4	45.5				
Cap MFD/V			Low Fire Orifice	46		S/T	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.98	0.87	0.66	0.42				
CC Heater			Pilot Orifice	0.018	AMPS	12.3	12.5	12.8	13.1	13.0	13.3	13.6	13.9	13.7	13.9	14.2	14.6	14.3	14.5	14.9	15.3	14.9	15.2	15.6	16.0					
Start Kit			Temp Rise	30 - 60	HI PR	180	194	205	214	205	221	233	243	233	251	265	277	263	283	298	311	290	312	330	344					
Cond & Evap	Cond	Evap	Ignition Type	HSP	LO PR	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96					
Type	Fan	Blower	Fan On/Off	TIME	MBh	46.2	47.2	50.4	53.9	45.1	46.1	49.2	52.6	44.0	44.9	48.0	51.3	41.8	42.7	45.6	48.7	38.7	39.5	42.2	45.2					
Size	22	DD10-9	Limit Set Max	135	S/T	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	0.99	0.81	0.61	1.00	1.00	0.82	0.61					
Motor-HP	1/2	1/2	Heat Antic	0.58	AMPS	12.4	12.6	12.9	13.2	13.1	13.3	13.7	14.0	13.8	14.0	14.3	14.7	14.4	14.6	15.0	15.4	15.0	15.3	15.7	16.1					
Type	PSC	PSC			HI PR	182	196	207	216	207	223	235	245	236	254	268	280	265	286	302	314	293	315	333	347					
FLA	1.8	4.4			LO PR	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97					
LRA	6.4	8.6			85	MBh	47.0	47.9	50.1	53.5	45.9	46.7	49.0	52.2	44.7	45.6	47.8	51.0	42.5	43.3	45.4	48.4	39.4	40.1	42.0	44.8				
RPM	1145	1125				S/T	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79				
Cap MFD/V	7.5/440	15/370			AMPS	12.5	12.7	13.0	13.3	13.2	13.4	13.7	14.1	13.8	14.1	14.4	14.8	14.5	14.7	15.1	15.5	15.1	15.4	15.8	16.2					
PTCR					HI PR	184	198	209	218	209	225	238	248	238	256	271	282	268	288	305	318	296	319	336	351					
Hi Press	420				LO PR	67	71	78	83	70	74	81	86	73	78	85	90	77	81	89	95	79	84	92	98					
Low Press	20				Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																									
Operating Chg (No Lines)*	(R-22 Oz)		215		230 Volt	External Static Press (Inch Water Column)							85	External Static Press (Inch Water Column)							85	External Static Press (Inch Water Column)								
					Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7		Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6		0.7	Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7
Service Driers					HI	1925	1860	1795	1725	1650	1570	1485	85	HI	1925	1860	1795	1725	1650	1570	1485	85	HI	1925	1860	1795	1725	1650	1570	1485
Liquid/Chg	30 Cu In / 17 oz				MD HI	1785	1735	1680	1620	1560	1485	1405		MD HI	1785	1735	1680	1620	1560	1485	1405		MD HI	1785	1735	1680	1620	1560	1485	1405
Suction	30 Sq In				MD LO	1570	1540	1505	1465	1415	1380	1280		MD LO	1570	1540	1505	1465	1415	1380	1280		MD LO	1570	1540	1505	1465	1415	1380	1280
Unit Weight	600				LO	1485	1460	1430	1395	1345	1290	1225		LO	1485	1460	1430	1395	1345	1290	1225		LO	1485	1460	1430	1395	1345	1290	1225
1096275																														

Style No:	PGAD47D1L / PGME48F090					Outdoor Ambient Temperature - Degrees F. Dry Bulb																						
Voltage	460		Gas Type	NAT	IDB	75				85				95				105				115						
Phase	3		Std Input	90		Entering Indoor Temperature - Degrees F. Wet Bulb																						
Ampacity	10.2		Low Fire Input	75	70	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71			
Wire Ga/Ft	NEC		Std Output	71		MBh	44.6	46.2	50.7	-	43.5	45.1	49.4	-	42.5	44.0	48.2	-	40.4	41.8	45.8	-	37.4	38.7	42.5	-		
Delay Fuse	15		Low Fire Output	60	S/T	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-			
Max. Fuse	15		Gas Valve (HSP)	HW	AMPS	6.5	6.6	6.8	-	6.9	7.0	7.2	-	7.2	7.4	7.5	-	7.6	7.7	7.9	-	7.9	8.1	8.3	-			
Compressor	SCROLL		Regulation	SNAP	HI PR	178	192	203	-	203	218	231	-	231	249	263	-	260	280	295	-	287	309	326	-			
RLA	7.4		Manifold Press	3.5	LO PR	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-			
LRA	49.5		Std orifice	43	75	MBh	45.4	46.7	50.6	54.3	44.3	45.6	49.3	53.0	43.2	44.5	48.1	51.7	41.0	42.3	45.7	49.1	38.0	39.1	42.4	45.5		
Cap MFD/V			Low Fire Orifice	46		S/T	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.98	0.87	0.66	0.42		
CC Heater			Pilot Orifice	0.018	AMPS	6.5	6.6	6.8	7.0	6.9	7.1	7.2	7.4	7.3	7.4	7.6	7.8	7.6	7.8	8.0	8.2	8.0	8.1	8.3	8.6			
Start Kit			Temp Rise	30 - 60	HI PR	180	194	205	214	205	221	233	243	233	251	265	277	263	283	298	311	290	312	330	344			
Cond & Evap	Cond	Evap	Ignition Type	HSP	LO PR	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96			
Type	Fan	Blower	Fan On/Off	TIME	MBh	46.2	47.2	50.4	53.9	45.1	46.1	49.2	52.6	44.0	44.9	48.0	51.3	41.8	42.7	45.6	48.7	38.7	39.5	42.2	45.2			
Size	22	DD10-9	Limit Set Max	135	S/T	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	0.99	0.81	0.61	1.00	1.00	0.82	0.61			
Motor-HP	1/2	1/2	Heat Antic	0.58	AMPS	6.6	6.7	6.8	7.0	7.0	7.1	7.3	7.5	7.3	7.5	7.7	7.9	7.7	7.8	8.0	8.3	8.0	8.2	8.4	8.6			
Type	PSC	PSC			HI PR	182	196	207	216	207	223	235	245	236	254	268	280	265	286	302	314	293	315	333	347			
FLA	0.8	2.0			LO PR	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97			
LRA	3.4	8.6			85	MBh	47.0	47.9	50.1	53.5	45.9	46.7	49.0	52.2	44.7	45.6	47.8	51.0	42.5	43.3	45.4	48.4	39.4	40.1	42.0	44.8		
RPM	1145	1125				S/T	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79		
Cap MFD/V	7.5/440	15/370			AMPS	6.6	6.7	6.9	7.1	7.0	7.2	7.3	7.5	7.4	7.5	7.7	7.9	7.7	7.9	8.1	8.3	8.1	8.2	8.4	8.7			
PTCR					HI PR	184	198	209	218	209	225	238	248	238	256	271	282	268	288	305	318	296	319	336	351			
Hi Press	420				LO PR	67	71	78	83	70	74	81	86	73	78	85	90	77	81	89	95	79	84	92	98			
Low Press	20				Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																							
Operating Chg (No Lines)*	RATING PLATE				230 Volt	External Static Press (Inch Water Column)																						
					Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7																
Service Driers					HI	1925	1860	1795	1725	1650	1570	1485																
Liquid/Chg	30 Cu In / 17 oz				MD HI	1785	1735	1680	1620	1560	1495	1405																
Suction	30 Sq In				MD LO	1570	1540	1505	1465	1415	1380	1280																
Unit Weight	600				LO	1485	1460	1430	1395	1345	1290	1225																

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Parts List, Wiring Diagrams, & Tech Labels for PGAD & PGME Series

Style No:	PGAD47F1H / PGME48H135			Outdoor Ambient Temperature - Degrees F. Dry Bulb																										
Voltage	208 / 230		Gas Type	NAT	IDB	75				85				95				105				115								
Phase	3		Std Input	135 / 110		Entering Indoor Temperature - Degrees F. Wet Bulb																								
Ampacity	23.3		Low Fire Input	110	70	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71					
Wire Ga/Ft	8 / 61		Std Output	106		MBh	44.6	46.2	50.7	-	43.5	45.1	49.4	-	42.5	44.0	48.2	-	40.4	41.8	45.8	-	37.4	38.7	42.5	-				
Delay Fuse	15		Low Fire Output	87		S/T	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-				
Max. Fuse	35		Gas Valve (HSP)	HW		AMPS	12.2	12.4	12.7	-	13.0	13.2	13.5	-	13.6	13.8	14.1	-	14.2	14.4	14.8	-	14.8	15.1	15.4	-				
Compressor	COPELAND		Regulation	SNAP	75	HI PR	178	192	203	-	203	218	231	-	231	249	263	-	260	280	295	-	287	309	326	-				
RLA	13.5		Manifold Press	3.5		LO PR	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-				
LRA	120		Std orifice	43		MBh	45.4	46.7	50.6	54.3	44.3	45.6	49.3	53.0	43.2	44.5	48.1	51.7	41.0	42.3	45.7	49.1	38.0	39.1	42.4	45.5				
Cap MFD/V			Low Fire Orifice	46		S/T	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.98	0.87	0.66	0.42				
CC Heater			Pilot Orifice	0.018	80	AMPS	12.3	12.5	12.8	13.1	13.0	13.3	13.6	13.9	13.7	13.9	14.2	14.6	14.3	14.5	14.9	15.3	14.9	15.2	15.6	16.0				
Start Kit			Temp Rise	35 - 65		HI PR	180	194	205	214	205	221	233	243	233	251	265	277	263	283	298	311	290	312	330	344				
Cond & Evap	Cond	Evap	HSP	85		LO PR	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96				
Type	Fan	Blower	TIME			MBh	46.2	47.2	50.4	53.9	45.1	46.1	49.2	52.6	44.0	44.9	48.0	51.3	41.8	42.7	45.6	48.7	38.7	39.5	42.2	45.2				
Size	22	DD11-11	135		S/T	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	0.99	0.81	0.61	1.00	1.00	0.82	0.61					
Motor-HP	1/2	1	0.58		AMPS	12.4	12.6	12.9	13.2	13.1	13.3	13.7	14.0	13.8	14.0	14.3	14.7	14.4	14.6	15.0	15.4	15.0	15.3	15.7	16.1					
Type	PSC	PSC		85	HI PR	182	196	207	216	207	223	235	245	236	254	268	280	265	286	302	314	293	315	333	347					
FLA	1.8	4.6			LO PR	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97					
LRA	6.4	7.9			MBh	47.0	47.9	50.1	53.5	45.9	46.7	49.0	52.2	44.7	45.6	47.8	51.0	42.5	43.3	45.4	48.4	39.4	40.1	42.0	44.8					
RPM	1145	1125			S/T	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79					
Cap MFD/V	7.5/440	15/370		85	AMPS	12.5	12.7	13.0	13.3	13.2	13.4	13.7	14.1	13.8	14.1	14.4	14.8	14.5	14.7	15.1	15.5	15.1	15.4	15.8	16.2					
PTCR					HI PR	184	198	209	218	209	225	238	248	238	256	271	282	268	288	305	318	296	319	336	351					
Hi Press	420				LO PR	67	71	78	83	70	74	81	86	73	78	85	90	77	81	89	95	79	84	92	98					
Low Press	20				Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																									
Operating Chg (No Lines)*	(R-22 Oz)			85	230 Volt	External Static Press (Inch Water Column)							Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7										
Service Driers					HI	2260	2185	2125	2065	2010	1950	1875																		
Liquid/Chg	30 Cu In / 17 oz				MD HI	1830	1805	1775	1735	1690	1635	1580		MD LO	-	-	-	-	-	-	-									
Suction	30 Sq In				LO	1700	1685	1660	1625	1585	1540	1485										1096277								
Unit Weight	610																													

Style No:	PGAD47F1L / PGME48F135			Outdoor Ambient Temperature - Degrees F. Dry Bulb																									
Voltage	460		Gas Type	NAT	IDB	75				85				95				105				115							
Phase	3		Std Input	135 / 110		Entering Indoor Temperature - Degrees F. Wet Bulb																							
Ampacity	12.2		Low Fire Input	110	70	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
Wire Ga/Ft	NEC		Std Output	106		MBh	44.6	46.2	50.7	-	43.5	45.1	49.4	-	42.5	44.0	48.2	-	40.4	41.8	45.8	-	37.4	38.7	42.5	-			
Delay Fuse	15		Low Fire Output	87		S/T	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-			
Max. Fuse	15		Gas Valve (HSP)	HW		AMPS	6.5	6.6	6.8	-	6.9	7.0	7.2	-	7.2	7.4	7.5	-	7.6	7.7	7.9	-	7.9	8.1	8.3	-			
Compressor	SCROLL		Regulation	SNAP	75	HI PR	178	192	203	-	203	218	231	-	231	249	263	-	260	280	295	-	287	309	326	-			
RLA	7.4		Manifold Press	3.5		LO PR	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-			
LRA	49.5		Std orifice	43		MBh	45.4	46.7	50.6	54.3	44.3	45.6	49.3	53.0	43.2	44.5	48.1	51.7	41.0	42.3	45.7	49.1	38.0	39.1	42.4	45.5			
Cap MFD/V			Low Fire Orifice	46		S/T	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.98	0.87	0.66	0.42			
CC Heater			Pilot Orifice	0.018	80	AMPS	6.5	6.6	6.8	7.0	6.9	7.1	7.2	7.4	7.3	7.4	7.6	7.8	7.6	7.8	8.0	8.2	8.0	8.1	8.3	8.6			
Start Kit			Temp Rise	35 - 65		HI PR	180	194	205	214	205	221	233	243	233	251	265	277	263	283	298	311	290	312	330	344			
Cond & Evap	Cond	Evap	Ignition Type	HSP		LO PR	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96			
Type	Fan	Blower	Fan On/Off	TIME		MBh	46.2	47.2	50.4	53.9	45.1	46.1	49.2	52.6	44.0	44.9	48.0	51.3	41.8	42.7	45.6	48.7	38.7	39.5	42.2	45.2			
Size	22	DD11-11	Limit Set Max	135	85	S/T	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	0.99	0.81	0.61	1.00	1.00	0.82	0.61			
Motor-HP	1/2	1	Heat Antic	0.58		AMPS	6.6	6.7	6.8	7.0	7.0	7.1	7.3	7.5	7.3	7.5	7.7	7.9	7.7	7.8	8.0	8.3	8.0	8.2	8.4	8.6			
Type	PSC	PSC				HI PR	182	196	207	216	207	223	235	245	236	254	268	280	265	286	302	314	293	315	333	347			
FLA	0.8	2.1				LO PR	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97			
LRA	3.4	7.9			85	MBh	47.0	47.9	50.1	53.5	45.9	46.7	49.0	52.2	44.7	45.6	47.8	51.0	42.5	43.3	45.4	48.4	39.4	40.1	42.0	44.8			
RPM	1145	1125				S/T	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79			
Cap MFD/V	7.5/440	15/370				AMPS	6.6	6.7	6.9	7.1	7.0	7.2	7.3	7.5	7.4	7.5	7.7	7.9	7.7	7.9	8.1	8.3	8.1	8.2	8.4	8.7			
PTCR						HI PR	184	198	209	218	209	225	238	248	238	256	271	282	268	288	305	318	296	319	336	351			
Hi Press	420				85	LO PR	67	71	78	83	70	74	81	86	73	78	85	90	77	81	89	95	79	84	92	98			
Low Press	20					Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																							
Operating Chg (No Lines)*	RATING PLATE					230 Volt				External Static Press (Inch Water Column)																			
Service Driers						Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7																
Liquid/Chg	30 Cu In / 17 oz				HI	2260	2185	2125	2065	2010	1950	1875																	
Suction	30 Sq In				MD HI	1830	1805	1775	1735	1690	1635	1580																	
Unit Weight	610				MD LO	-	-	-	-	-	-	-																	
					LO	1700	1685	1660	1625	1585	1540	1485																	

1113293

Parts List, Wiring Diagrams, & Tech Labels for PGAD & PGME Series

Style No:	PGAD60E1H / PGME60H115				Outdoor Ambient Temperature - Degrees F. Dry Bulb																					
Voltage	208 / 230		Gas Type	NAT	IDB	75				85				95				105				115				
Phase	3		Std Input	115		Entering Indoor Temperature - Degrees F. Wet Bulb																				
Ampacity	28.4		Low Fire Input	95	70	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Wire Ga/Ft	6 / 76		Std Output	91		MBh	54.4	56.3	61.7	-	53.1	55.0	60.3	-	51.8	53.7	58.8	-	49.2	51.0	55.9	-	45.6	47.2	51.7	-
Delay Fuse	15		Low Fire Output	75		S/T	0.72	0.61	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.80	0.67	0.46	-
Max. Fuse	45		Gas Valve (HSP)	HW		AMPS	16.0	16.3	16.7	-	17.0	17.3	17.7	-	17.8	18.1	18.6	-	18.6	19.0	19.4	-	19.4	19.8	20.3	-
Compressor	COPELAND		Regulation	SNAP	75	HI PR	186	201	212	-	212	228	241	-	241	260	274	-	272	292	309	-	300	323	341	-
RLA	17.3		Manifold Press	3.5		LO PR	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-
LRA	123		Std orifice	43		MBh	55.3	56.9	61.6	66.1	54.0	55.6	60.1	64.5	52.7	54.2	58.7	63.0	50.0	51.5	55.7	59.8	46.3	47.7	51.6	55.4
Cap MFD/V			Low Fire Orifice	46		S/T	0.82	0.74	0.56	0.36	0.84	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.82	0.62	0.40
CC Heater			Pilot Orifice	0.018	80	AMPS	16.1	16.4	16.8	17.2	17.1	17.4	17.8	18.3	17.9	18.3	18.7	19.2	18.8	19.1	19.6	20.1	19.6	19.9	20.4	21.0
Start Kit			Temp Rise	30 - 60		HI PR	188	203	214	223	214	230	243	254	244	263	277	289	274	295	312	325	303	326	345	359
Cond & Evap	Cond	Evap	Ignition Type	HSP		LO PR	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96
Type	Fan	Blower	Fan On/Off	TIME		85	MBh	56.3	57.5	61.4	65.7	54.9	56.1	60.0	64.1	53.6	54.8	58.5	62.5	50.9	52.0	55.6	59.4	47.2	48.2	51.5
Size	22	DD11-11	Limit Set Max	135	S/T		0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57
Motor-HP	1/2	1	Heat Antic	0.58	AMPS		16.3	16.5	16.9	17.3	17.2	17.5	17.9	18.4	18.1	18.4	18.8	19.3	18.9	19.2	19.7	20.3	19.7	20.1	20.6	21.2
Type	PSC	PSC			HI PR		190	205	216	225	216	233	246	256	246	265	280	292	277	298	315	329	306	330	348	363
FLA	1.8	5			85	LO PR	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97
LRA	6.4	8.6				MBh	57.2	58.4	61.1	65.2	55.9	57.0	59.7	63.7	54.5	55.6	58.2	62.1	51.8	52.8	55.3	59.0	48.0	48.9	51.2	54.6
RPM	1145	1140				S/T	0.95	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74
Cap MFD/V	7.5/440	20/370				AMPS	16.4	16.6	17.0	17.5	17.3	17.6	18.0	18.5	18.2	18.5	18.9	19.5	19.0	19.4	19.8	20.4	19.9	20.2	20.7	21.3
PTCR					85	HI PR	192	207	218	228	219	235	248	259	249	268	283	295	280	301	318	332	309	333	352	367
Hi Press	420					LO PR	67	71	78	83	70	74	81	86	73	78	85	90	77	81	89	95	79	84	92	98
Low Press	20					Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																				
Operating Chg (No Lines)*	(R-22 Oz)	215				230 Volt	External Static Press (Inch Water Column)																			
Service Driers					Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7														
					HI	2300	2250	2190	2125	2060	1990	1915														
					MD HI	2130	2090	2045	1995	1875	1805	1580														
Liquid/Chg	30 Cu In / 17 oz				MD LO	1670	1650	1630	1600	1565	1525	1475														
Suction	30 Sq In				LO	1330	1315	1300	1280	1255	1225	1185														
Unit Weight	625				1096279																					

Style No:	PGAD60E1L / PGME60F115				Outdoor Ambient Temperature - Degrees F. Dry Bulb																								
Voltage	460		Gas Type	NAT	IDB	75				85				95				105				115							
Phase	3		Std Input	115		Entering Indoor Temperature - Degrees F. Wet Bulb																							
Ampacity	14.2		Low Fire Input	95	70	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
Wire Ga/Ft	NEC		Std Output	91		MBh	54.4	56.3	61.7	-	53.1	55.0	60.3	-	51.8	53.7	58.8	-	49.2	51.0	55.9	-	45.6	47.2	51.7	-			
Delay Fuse	15		Low Fire Output	75		S/T	0.72	0.61	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.80	0.67	0.46	-			
Max. Fuse	20		Gas Valve (HSP)	HW		AMPS	8.2	8.3	8.5	-	8.7	8.9	9.1	-	9.1	9.3	9.5	-	9.6	9.7	10.0	-	10.0	10.2	10.4	-			
Compressor	SCROLL		Regulation	SNAP	75	HI PR	186	201	212	-	212	228	241	-	241	260	274	-	272	292	309	-	300	323	341	-			
Manifold Press			3.5	LO PR		65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-				
Std orifice			43	MBh		55.3	56.9	61.6	66.1	54.0	55.6	60.1	64.5	52.7	54.2	58.7	63.0	50.0	51.5	55.7	59.8	46.3	47.7	51.6	55.4				
Low Fire Orifice			46	S/T		0.82	0.74	0.56	0.36	0.84	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.82	0.62	0.40				
CC Heater			Pilot Orifice	0.018	80	AMPS	8.3	8.4	8.6	8.8	8.8	8.9	9.1	9.4	9.2	9.4	9.6	9.9	9.6	9.8	10.0	10.3	10.0	10.2	10.5	10.8			
Start Kit			Temp Rise	30 - 60		HI PR	188	203	214	223	214	230	243	254	244	263	277	289	274	295	312	325	303	326	345	359			
Cond & Evap	Cond	Evap	Ignition Type	HSP		LO PR	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96			
Type	Fan	Blower	Fan On/Off	TIME		85	MBh	56.3	57.5	61.4	65.7	54.9	56.1	60.0	64.1	53.6	54.8	58.5	62.5	50.9	52.0	55.6	59.4	47.2	48.2	51.5	55.0		
Size	22	DD11-11	Limit Set Max	135	S/T		0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57			
Motor-HP	1/2	1	Heat Antic	0.58	AMPS		8.3	8.5	8.7	8.9	8.8	9.0	9.2	9.4	9.3	9.4	9.7	9.9	9.7	9.9	10.1	10.4	10.1	10.3	10.6	10.9			
Type	PSC	PSC			HI PR		190	205	216	225	216	233	246	256	246	265	280	292	277	298	315	329	306	330	348	363			
FLA	0.8	2.1			85	LO PR	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97			
LRA	3.4	8.6				MBh	57.2	58.4	61.1	65.2	55.9	57.0	59.7	63.7	54.5	55.6	58.2	62.1	51.8	52.8	55.3	59.0	48.0	48.9	51.2	54.6			
RPM	1145	1140				S/T	0.95	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74			
Cap MFD/V	7.5/440	20/370				AMPS	8.4	8.5	8.7	8.9	8.9	9.0	9.2	9.5	9.3	9.5	9.7	10.0	9.8	9.9	10.2	10.5	10.2	10.4	10.6	11.0			
PTCR					85	HI PR	192	207	218	228	219	235	248	259	249	268	283	295	280	301	318	332	309	333	352	367			
Hi Press	420					LO PR	67	71	78	83	70	74	81	86	73	78	85	90	77	81	89	95	79	84	92	98			
Low Press	20					Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																							
Operating Chg (No Lines)*	RATING PLATE					230 Volt				External Static Press (Inch Water Column)																			
Service Driers	30 Cu In / 17 oz 30 Sq In				Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7																	
			HI	2300	2250	2190	2125	2060	1990	1915																			
			MD HI	2130	2090	2045	1995	1875	1805	1580																			
			MD LO	1670	1650	1630	1600	1565	1525	1475																			
Unit Weight	625				LO	1330	1315	1300	1280	1255	1225	1185																	
1113294																													

Parts List, Wiring Diagrams, & Tech Labels for PGAD & PGME Series

Style No:	PGAD60G1H / PGME60H150				Outdoor Ambient Temperature - Degrees F. Dry Bulb																												
Voltage	208 / 230		Gas Type	NAT	IDB	75				85				95				105				115											
Phase	3		Std Input	150		Entering Indoor Temperature - Degrees F. Wet Bulb																											
Ampacity	29.4		Low Fire Input	130	70	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
Wire Ga/Ft	6 / 76		Std Output	119		MBh	54.4	56.3	61.7	-	53.1	55.0	60.3	-	51.8	53.7	58.8	-	49.2	51.0	55.9	-	45.6	47.2	51.7	-							
Delay Fuse	15		Low Fire Output	102	S/T	0.72	0.61	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.80	0.67	0.46	-								
Max. Fuse	45		Gas Valve (HSP)	HW	AMPS	16.0	16.3	16.7	-	17.0	17.3	17.7	-	17.8	18.1	18.6	-	18.6	19.0	19.4	-	19.4	19.8	20.3	-								
Compressor	COPELAND		Regulation	SNAP	HI PR	186	201	212	-	212	228	241	-	241	260	274	-	272	292	309	-	300	323	341	-								
RLA	17.3		Manifold Press	3.5	LO PR	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-								
LRA	123		Std orifice	43	75	MBh	55.3	56.9	61.6	66.1	54.0	55.6	60.1	64.5	52.7	54.2	58.7	63.0	50.0	51.5	55.7	59.8	46.3	47.7	51.6	55.4							
Cap MFD/V			Low Fire Orifice	46		S/T	0.82	0.74	0.56	0.36	0.84	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.82	0.62	0.40							
CC Heater			Pilot Orifice	0.018	AMPS	16.1	16.4	16.8	17.2	17.1	17.4	17.8	18.3	17.9	18.3	18.7	19.2	18.8	19.1	19.6	20.1	19.6	19.9	20.4	21.0								
Start Kit			Temp Rise	35 - 65	HI PR	188	203	214	223	214	230	243	254	244	263	277	289	274	295	312	325	303	326	345	359								
Cond & Evap	Cond	Evap	Ignition Type	HSP	LO PR	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96								
Type	Fan	Blower	Fan On/Off	TIME	80	MBh	56.3	57.5	61.4	65.7	54.9	56.1	60.0	64.1	53.6	54.8	58.5	62.5	50.9	52.0	55.6	59.4	47.2	48.2	51.5	55.0							
Size	22	DD11-11	Limit Set Max	130		S/T	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57							
Motor-HP	1/2	1	Heat Antic	0.58	AMPS	16.3	16.5	16.9	17.3	17.2	17.5	17.9	18.4	18.1	18.4	18.8	19.3	18.9	19.2	19.7	20.3	19.7	20.1	20.6	21.2								
Type	PSC	PSC			HI PR	190	205	216	225	216	233	246	256	246	265	280	292	277	298	315	329	306	330	348	363								
FLA	1.8	6			LO PR	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97								
LRA	6.4	15.1			MBh	57.2	58.4	61.1	65.2	55.9	57.0	59.7	63.7	54.5	55.6	58.2	62.1	51.8	52.8	55.3	59.0	48.0	48.9	51.2	54.6								
RPM	1145	1140			S/T	0.95	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74								
Cap MFD/V	7.5/440	20/370			AMPS	16.4	16.6	17.0	17.5	17.3	17.6	18.0	18.5	18.2	18.5	18.9	19.5	19.0	19.4	19.8	20.4	19.9	20.2	20.7	21.3								
PTCR						HI PR	192	207	218	228	219	235	248	259	249	268	283	295	280	301	318	332	309	333	352	367							
Hi Press	420				LO PR	67	71	78	83	70	74	81	86	73	78	85	90	77	81	89	95	79	84	92	98								
Low Press	20				Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																												
Operating Chg (No Lines)*	(R-22 Oz) 215				85	230 Volt External Static Press (Inch Water Column)				Speed Tap																							
Service Driers						HI	2470	2400	2325	2250	2170	2085	2000																				
Liquid/Chg Suction	30 Cu In / 17 oz 30 Sq In				85	MD HI	2395	2335	2270	2200	2125	2050	1965																				
Unit Weight	630					MD LO	2260	2205	2145	2080	2015	1940	1865																				
						LO	2140	2095	2040	1985	1920	1855	1780																				

1096281

Style No:	PGAD60G1L / PGME60F150			Outdoor Ambient Temperature - Degrees F. Dry Bulb																							
Voltage	460			Gas Type	NAT	IDB	75				85				95				105				115				
Phase	3			Std Input	150		Entering Indoor Temperature - Degrees F. Wet Bulb																				
Ampacity	14.2			Low Fire Input	130	70	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Wire Ga/Ft	NEC			Std Output	119		MBh	54.4	56.3	61.7	-	53.1	55.0	60.3	-	51.8	53.7	58.8	-	49.2	51.0	55.9	-	45.6	47.2	51.7	-
Delay Fuse	15			Low Fire Output	102	S/T	0.72	0.61	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.80	0.67	0.46	-	
Max. Fuse	20			Gas Valve (HSP)	HW	75	AMPS	8.2	8.3	8.5	-	8.7	8.9	9.1	-	9.1	9.3	9.5	-	9.6	9.7	10.0	-	10.0	10.2	10.4	-
Compressor	SCROLL			Regulation	SNAP		HI PR	186	201	212	-	212	228	241	-	241	260	274	-	272	292	309	-	300	323	341	-
RLA	9			Manifold Press	3.5	LO PR	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-	
LRA	62			Std orifice	43	80	MBh	55.3	56.9	61.6	66.1	54.0	55.6	60.1	64.5	52.7	54.2	58.7	63.0	50.0	51.5	55.7	59.8	46.3	47.7	51.6	55.4
Cap MFD/V				Low Fire Orifice	46		S/T	0.82	0.74	0.56	0.36	0.84	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.82	0.62	0.40
CC Heater				Pilot Orifice	0.018	85	AMPS	8.3	8.4	8.6	8.8	8.8	8.9	9.1	9.4	9.2	9.4	9.6	9.9	9.6	9.8	10.0	10.3	10.0	10.2	10.5	10.8
Start Kit				Temp Rise	35 - 65		HI PR	188	203	214	223	214	230	243	254	244	263	277	289	274	295	312	325	303	326	345	359
Cond & Evap	Cond	Evap	Ignition Type	HSP	80	LO PR	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96	
Type	Fan	Blower	Fan On/Off	TIME		MBh	56.3	57.5	61.4	65.7	54.9	56.1	60.0	64.1	53.6	54.8	58.5	62.5	50.9	52.0	55.6	59.4	47.2	48.2	51.5	55.0	
Size	22	DD11-11	Limit Set Max	130	85	S/T	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57	
Motor-HP	1/2	1	Heat Antic	0.58		AMPS	8.3	8.5	8.7	8.9	8.8	9.0	9.2	9.4	9.3	9.4	9.7	9.9	9.7	9.9	10.1	10.4	10.1	10.3	10.6	10.9	10.9
Type	PSC	PSC			85	HI PR	190	205	216	225	216	233	246	256	246	265	280	292	277	298	315	329	306	330	348	363	
FLA	0.8	3.3				LO PR	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97	
LRA	3.4	15.1			85	MBh	57.2	58.4	61.1	65.2	55.9	57.0	59.7	63.7	54.5	55.6	58.2	62.1	51.8	52.8	55.3	59.0	48.0	48.9	51.2	54.6	
RPM	1145	1140				S/T	0.95	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74	
Cap MFD/V	7.5/440	20/370	HI PR	192	207	218	228	219	235	248	259	249	268	283	295	280	301	318	332	309	333	352	367				
PTCR				LO PR	67	71	78	83	70	74	81	86	73	78	85	90	77	81	89	95	79	84	92	98			
Hi Press	420			Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																							
Low Press	20																										
Operating Chg (No Lines)*	RATING PLATE																										
Service Driers																											
Liquid/Chg Suction	30 Cu In / 17 oz 30 Sq In																										
Unit Weight	630																										