

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

No	Description	Part Number	MODELS															
			PGA D36D 1HB	PGA D36D 1LA	PGA D36E 1HA	PGA D36E 1LA	PGA D42D 1HA	PGA D42D 1LA	PGA D42E 1HA	PGA D42E 1LA	PGA D47D 1HA	PGA D47D 1LA	PGA D47F 1HA	PGA D47F 1LA	PGA D60E 1HA	PGA D60E 1LA	PGA D60G 1HA	PGA D60G 1LA
			PGM E36H 090B	PGM E36F 090A	PGM E36H 115A	PGM E36F 115A	PGM E42H 090A	PGM E42F 090A	PGM E42H 115A	PGM E42F 115A	PGM E48H 090A	PGM E48F 090A	PGM E48H 135A	PGM E48F 135A	PGM E60H 115A	PGM E60F 115A	PGM E60H 150A	PGM E60F 150A
1	Compressor, ZR34K3TF5	1084533	1		1													
	ZR34K3TFD	1096241	*	1		1												
	ZR40K3TF5	1096240	*	*	*	*	1		1									
	ZR40K3TFD	1096242	*	*	*	*	*	1		1								
	ZR46K3TF5	1084538	*	*	*	*	*	*	*	*	1		1					
	ZR46K3TFD	1096243	*	*	*	*	*	*	*	*	*	1		1				
	ZR57K3TF5	1084539	*	*	*	*	*	*	*	*	*	*	*	*	1		1	
	ZR57K3TFD	1096244	*	*	*	*	*	*	*	*	*	*	*	*	*	1		1
2	Valve, Gas (Nat. & L.P.)	1011024	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						
		1008726	*	*	1	1			1	1					1	1		
		1009179	*	*	*	*	*	*	*	*	*	*	1	1				
		1009180	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	1
4	Orifice, Burner, Nat. #43	1065252	4	4	5	5	4	4	5	5	4	4	6	6	5	5	7	7
	L.P. # 55	1065255	4	4	5	5	4	4	5	5	4	4	6	6	5	5	7	7
5	Burner, Pilot / Igniter (Nat. & L.P.)	1149856	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	Capacitor, 15Mfd., 440Volt	1069261	1	1	1	1												
	15Mfd., 370Volt	1094959	*	*	*	*	1	1	1	1	1	1						
	20Mfd., 440Volt	1094968	*	*	*	*	*	*	*	*	*	*	1	1	1	1	1	1
7	Mount, Motor Kit	1002804	1	1	1	1							1	1	1	1	1	1
7		1004905	*	*	*	*	1	1	1	1	1	1						
8	Motor, Blower 3/4 HP, 230 Volt	1054579	1	1	1	1												
	1/2 HP, 230 Volt	1065278	*	*	*	*	1	1	1	1	1	1						
	1 HP, 230 Volt	1054585	*	*	*	*	*	*	*	*	*	*	1	1				
	1 HP, 230 Volt	1065129	*	*	*	*	*	*	*	*	*	*	*	*	1	1		
	1 HP, 230 Volt	1054586	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	1
9	Wheel, Blower (11-9 DD)	1065361	1	1	1	1												
	(10-9 DD)	1057877	*	*	*	*	1	1	1	1	1	1						
	(11-11 DD)	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	1	1
11	Manifold, Gas	1004140	1	1			1	1			1	1						
		1004141	*	*	1	1			1	1					1	1		
		1054272	*	*	*	*	*	*	*	*	*	*	1	1				
		1054414	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	1
12	Heat Exchanger	1084480	1	1														
		1084481	*	*	1	1												
		1084482	*	*	*	*	1	1			1	1						
		1084483	*	*	*	*	*	*	1	1					1	1		
		1084484	*	*	*	*	*	*	*	*	*	*	1	1				
		1084485	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	1
13	Gasket, Collector Box	1065209	1	1	1	1												
		1065210	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
14	Box, Collector	1065256	1	1	1	1												
		1065257	*	*	*	*	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						
		1084331	*	*	1	1			1	1					1	1		
		1084332	*	*	*	*	*	*	*	*	*	*	1	1				
		1084333	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	1

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

No	Description	Part Number	PGA D36D 1HA	PGA D36D 1LA	PGA D36E 1HA	PGA D36E 1LA	PGA D42D 1HA	PGA D42D 1LA	PGA D42E 1HA	PGA D42E 1LA	PGA D47D 1HA	PGA D47D 1LA	PGA D47F 1HA	PGA D47F 1LA	PGA D60E 1HA	PGA D60E 1LA	PGA D60G 1HA	PGA D60G 1LA
			PGM E36H 090A	PGM E36F 090A	PGM E36H 115A	PGM E36F 115A	PGM E42H 090A	PGM E42F 090A	PGM E42H 115A	PGM E42F 115A	PGM E48H 090A	PGM E48F 090A	PGM E48H 135A	PGM E48F 135A	PGM E60H 115A	PGM E60F 115A	PGM E60H 150A	PGM E60F 150A
20	Plate, Restrictor	1054395	1	1			1	1			1	1						
		1054394	*	*	1	1			1	1					1	1		
		1054393	*	*	*	*	*	*	*	*	*	*	1	1				
		1054392	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	1
21	Gasket, Restrictor Plate	1065214	1	1			1	1			1	1						
		1065213	*	*	1	1			1	1					1	1		
		1065212	*	*	*	*	*	*	*	*	*	*	1	1				
		1065211	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	1
23	Turbulator, Outlet	1054516	4	4	5	5	4	4	5	5	4	4	6	6	5	5	7	7
24	Manifold, Cond. (Discharge)	1082364	1	1	1	1												
		1054556	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
25	Manifold, Condenser (Liquid)	1082241	1	1	1	1												
		1065475	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
26	Port Assy., Valve / Switches	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, 5Mfd., 370Volt 7.5Mfd., 370Volt	1094954	1	1	1	1												
		1094239	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
29	Coil, Condenser	1082228	1	1	1	1												
		1066920	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
30	Tube, Feeder Asy	1082255	1	1	1	1												
		1067441	*	*	*	*	1	1	1	1								
		1067440	*	*	*	*	*	*	*	*	1	1	1	1	1	1	1	1
31	Manifold, Evaporator	1082232	1	1	1	1												
		1066589	*	*	*	*	1	1	1	1								
		1066077	*	*	*	*	*	*	*	*	1	1	1	1	1	1	1	1
32	Coil, Evaporator	1082247	1	1	1	1												
		1067439	*	*	*	*	1	1	1	1								
		1067438	*	*	*	*	*	*	*	*	1	1	1	1	1	1	1	1
33	Switch, Limit (Blower Deck)	1065207	1	1														
		1065294	*	*	1	1			1	1								
		1065295	*	*	*	*	1	1			1	1	1	1	1	1		
		1065702	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	1
34	Fan, Condenser	1096957	1	1	1	1												
		1080795	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
35	Motor, ConFan, 1/3HP,230Volt 1/3HP, 460Volt 1/2HP, 230Volt 1/2HP, 460Volt	1085926	1		1													
		1096245	*	1		1												
		1066350	*	*	*	*	1		1		1		1		1		1	
		1096246	*	*	*	*	*	1		1		1		1		1		1
37	Tube, w/Strainer	512924	1	1	1	1												
		1066923	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
38	Valve, Expansion	1082238	1	1	1	1												
		1066926	*	*	*	*	1	1	1	1	1	1	1	1				
		1066901	*	*	*	*	*	*	*	*	*	*	*	*	1	1	1	1
39	Tube, Drain	1069172	1	1	1	1												
40	Contact, 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	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	1009838	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
45	Orifice, Pilot Burner Nat. (.020) L.P. (.012)	1160403	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		612923	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

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

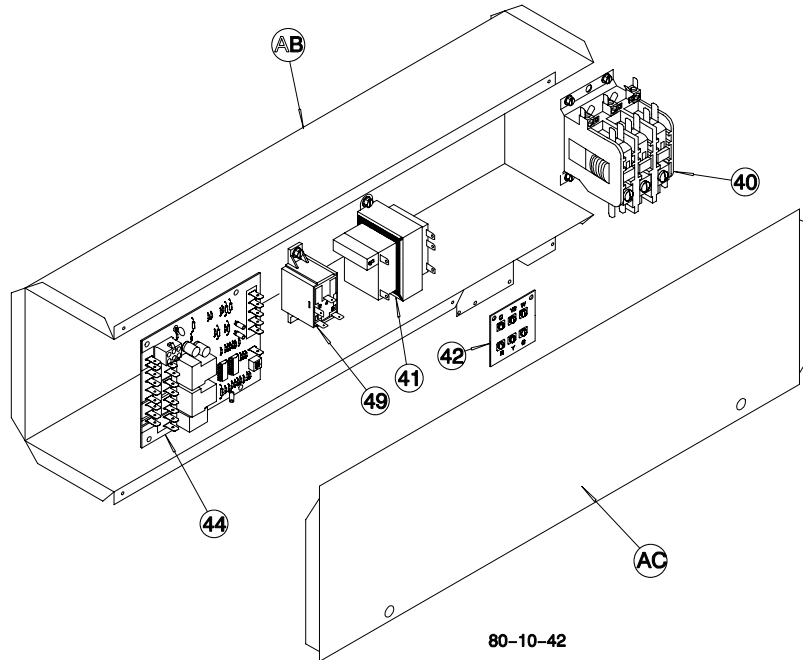
No	Description	Part Number	PGA D36D 1HA	PGA D36D 1LA	PGA D36E 1HA	PGA D36E 1LA	PGA D42D 1HA	PGA D42D 1LA	PGA D42E 1HA	PGA D42E 1LA	PGA D47D 1HA	PGA D47D 1LA	PGA D47F 1HA	PGA D47F 1LA	PGA D60E 1HA	PGA D60E 1LA	PGA D60G 1HA	PGA D60G 1LA
			PGM E36H 090A	PGM E36F 090A	PGM E36H 115A	PGM E36F 115A	PGM E42H 090A	PGM E42F 090A	PGM E42H 115A	PGM E42F 115A	PGM E48H 090A	PGM E48F 090A	PGM E48H 135A	PGM E48F 135A	PGM E60H 115A	PGM E60F 115A	PGM E60H 150A	PGM E60F 150A
49	Relay, SPDT	1058148	1	1	1	1	1	1	1	1	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
58	Filter, Air 20x30x2	1054503	*	*	*	*	2	2	2	2	2	2	2	2	2	2	2	2
61	Transformer	1065245	*	1		1		1		1		1		1		1		1
65	Plug, Compressor Harness	1083654	1		1													
		1096256	*	1		1		1		1		1		1		1		1
		1083935	*	*	*	*	1		1		1		1		1		1	
A	Grille, Outlet	1084490	1	1	1	1												
		1064542	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
AA	Panel, Supply Air	1068165	1	1	1	1												
		1068161	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
AB	Box, Control	1054384	1	1	1	1												
		1054509	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
AC	Cover, Control Box	1054475	1	1	1	1												
		1054510	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
AD	Retainer, Filter	1054517	*	*	*	*	2	2	2	2	2	2	2	2	2	2	2	2
AU	Handle, Filter Door	1068209	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
B	Panel, Top	1068191	1	1	1	1												
		1068157	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
BB	Pan, Drain	1065795	1	1	1	1												
		1068366	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
C	Orifice, Condenser Fan	1065724	1	1	1	1												
		1065725	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
CC	Partition, Return Air	1065033	1	1	1	1												
		1054471	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
D	Housing, Blower	1066454	1	1	1	1												
		1065072	*	*	*	*	1	1	1	1	1	1						
		1065074	*	*	*	*	*	*	*	*	*	*	1	1	1	1	1	1
DD	Cover, Duct	1068158	*	*	*	*	2	2	2	2	2	2	2	2	2	2	2	2
		1068159	2	2	2	2												
E	Deck, Blower	1065404	1	1	1	1												
		1065379	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
EE	Partition, Heat / Cool	1066331	1	1	1	1												
F	Baffle, Air	1082435	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
FF	Bracket, Supply Air	1054524	1	1	1	1												
		1054525	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
G	Panel, Access (Heat Exch.)	1068180	1	1	1	1												
		1068181	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
GG	Baffle, Air	1066409	1	1	1	1												
		1054522	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
H	Shield, Burner	1054422	1	1			1	1			1	1						
		1054267	*	*	1	1			1	1					1	1		
		1054382	*	*	*	*	*	*	*	*	*	*	1	1				
		1054415	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	1
HH	Cover, Evap top	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, Evap Bottom	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												
		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												
		1054620	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
MM	Bracket, Blower Support	1065030	*	*	*	*	*	*	*	*	*	*	1	1	1	1	1	1

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

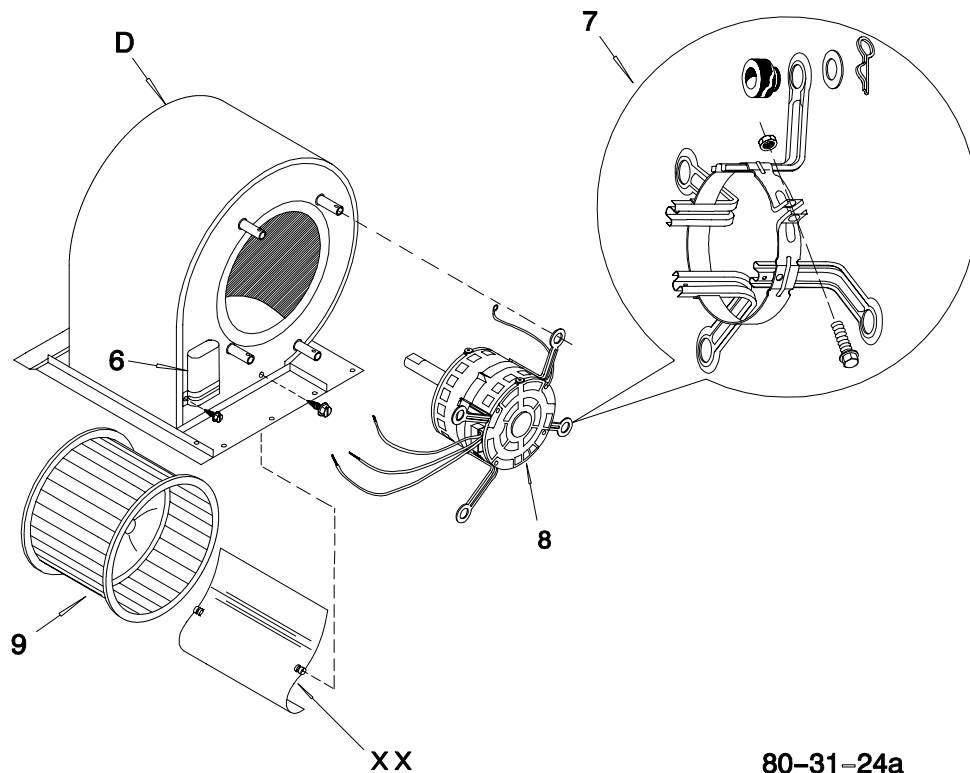
No	Description	Part Number	PGA D36D 1HA	PGA D36D 1LA	PGA D36E 1HA	PGA D36E 1LA	PGA D42D 1HA	PGA D42D 1LA	PGA D42E 1HA	PGA D42E 1LA	PGA D47D 1HA	PGA D47D 1LA	PGA D47F 1HA	PGA D47F 1LA	PGA D60E 1HA	PGA D60E 1LA	PGA D60G 1HA	PGA D60G 1LA
			PGM E36H 090A	PGM E36F 090A	PGM E36H 115A	PGM E36F 115A	PGM E42H 090A	PGM E42F 090A	PGM E42H 115A	PGM E42F 115A	PGM E48H 090A	PGM E48F 090A	PGM E48H 135A	PGM E48F 135A	PGM E60H 115A	PGM E60F 115A	PGM E60H 150A	PGM E60F 150A
N	Bracket, Evap	1065035	1	1	1	1												
		1082436	*	*	*	*	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, Comb. 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	1082434	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
Q	Post, Corner (Heating)	1068187	1	1	1	1												
		1068188	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
QQ	Panel, Heating Area	1054508	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
R	Panel Access (Gas)	1068183	1	1	1	1												
		1068184	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
S	Panel, Pressure Port	1068182	1	1	1	1												
		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
VV	Post, Return Air Corner	1068167	2	2	2	2												
		1068168	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
W	Post, Condenser Corner	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
		1095020	*	*	*	*	1	1	1	1	1	1	1	1				
X	Rail, Base	1065001	4	4	4	4	2	2	2	2	2	2	2	2	2	2	2	2
X1	Rail, Base	1054464	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
X2	Rail, Base	1084078	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
XX	Panel, Blower Cutoff	1066448	1	1	1	1												
		95145	*	*	*	*	1	1	1	1	1	1						
		1065073	*	*	*	*	*	*	*	*	*	*	1	1	1	1	1	1
Y	Panel, Base	1065031	1	1	1	1												
		1054463	*	*	*	*	1	1	1	1	1	1	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												
		1068160	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
Z1	Grille, Inlet Front	1082279	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
		1082186	1	1	1	1												
Z2	Grille, Inlet End	1082281	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
		1082053	1	1	1	1												
Z3	Grille, Inlet Rear	1082280	*	*	*	*	1	1	1	1	1	1	1	1	1	1	1	1
)(	Gas Conv. Kit Nat. To L.P.	1084495	1	1			1	1			1	1						
		1084496	*	*	1	1			1	1					1	1		
		1084497	*	*	*	*	*	*	*	*	*	*	1	1				
		1084498	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1	1
)(	Gas Conve. 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	5090416 01	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
)(	Manual, Parts List	5090416 02	1															
)(	Manual, Installation	5090111 01	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



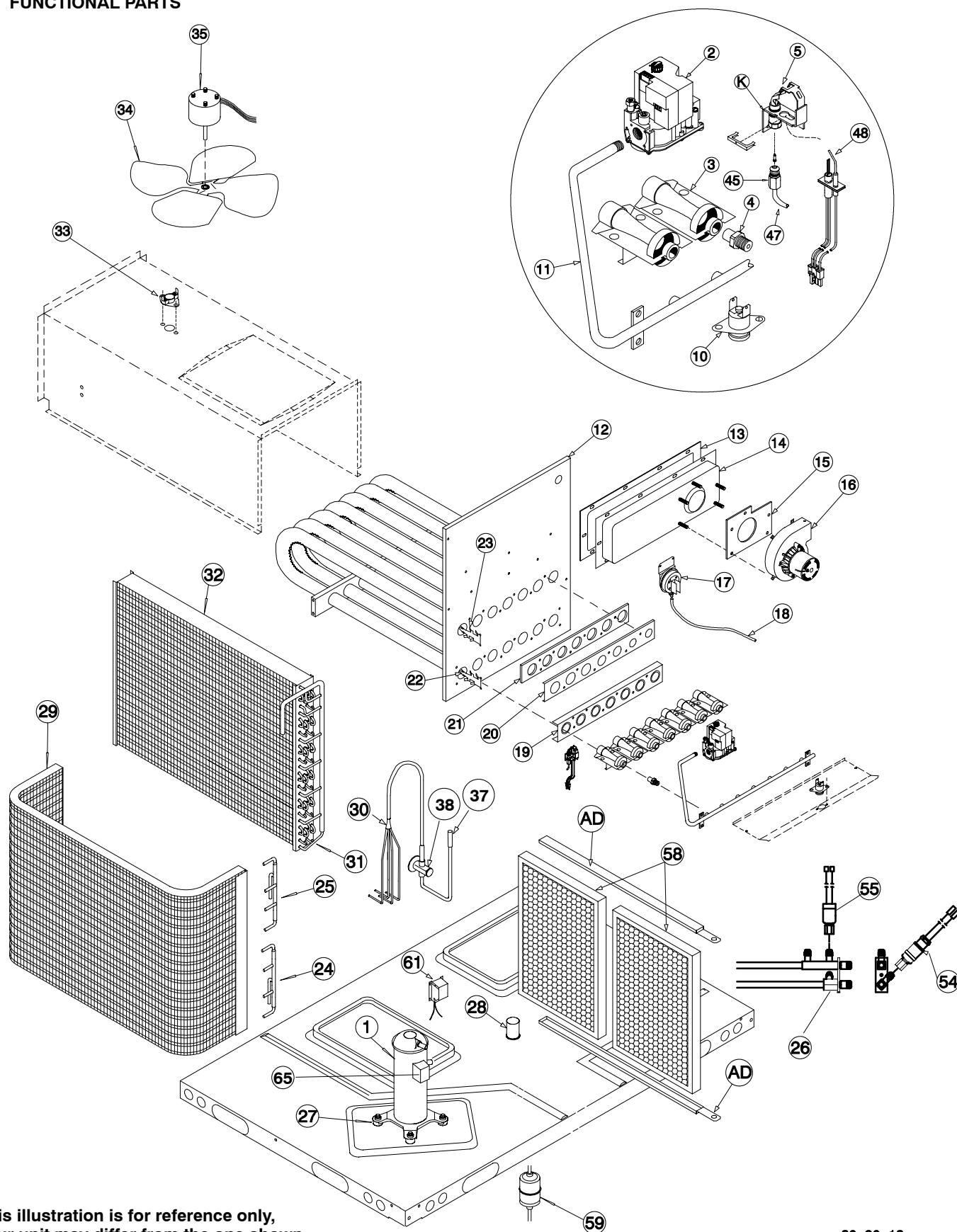
This illustration is for reference only,
your unit may differ from the one shown.



BLOWER ASSEMBLY

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

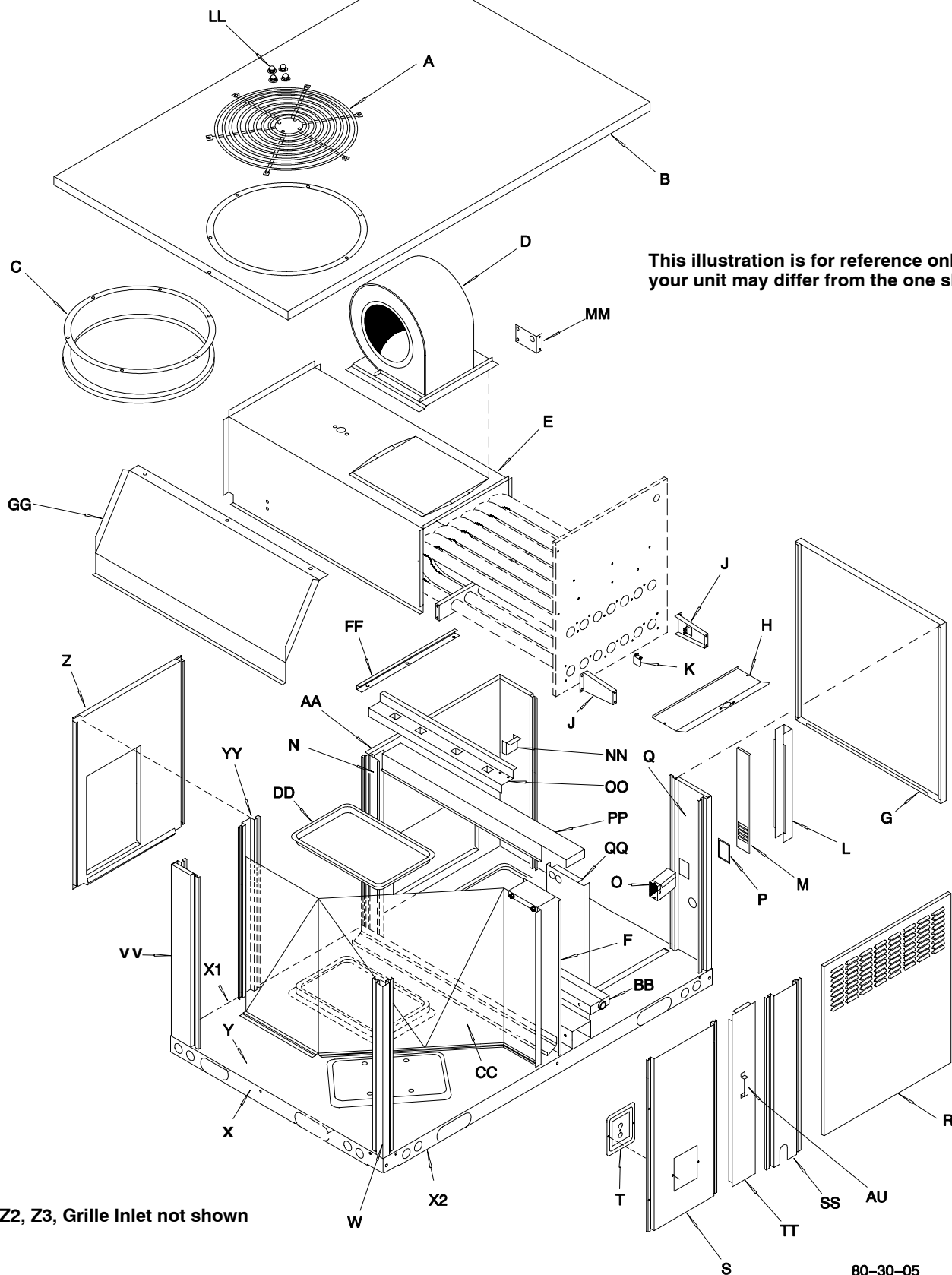
FUNCTIONAL PARTS



80-30-18

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

NON-FUNCTIONAL PARTS

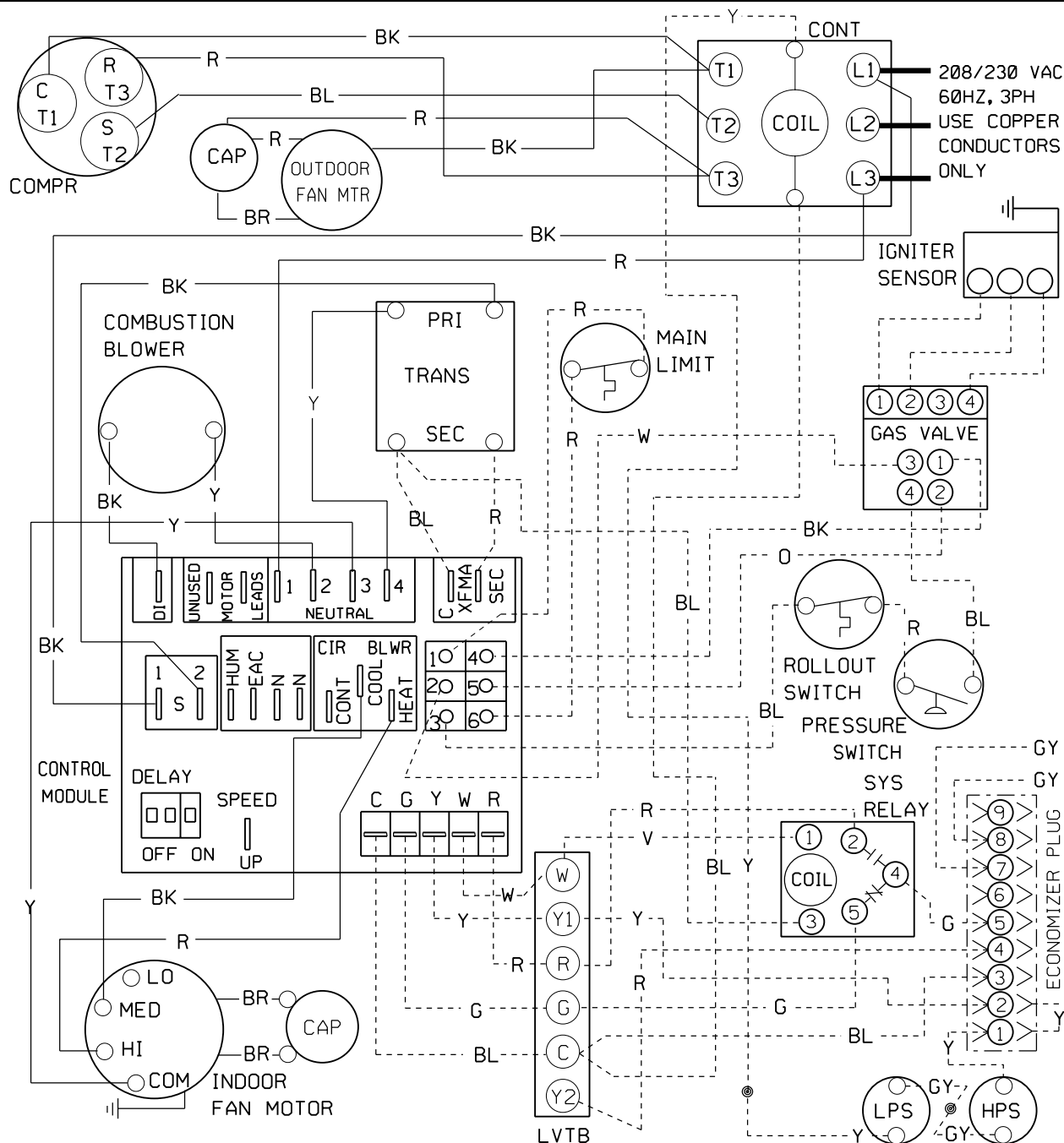


Parts List, Wiring Diagrams, & Tech Labels for PGAD & PGME Series

ALL UNITS, 208/230 VOLT CONNECTION 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 AWM-105°C OR ITS EQUIVALENT.

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

— LINE VOLTAGE FACTORY
 — LINE VOLTAGE FIELD
 — LOW VOLTAGE FACTORY
 — LOW VOLTAGE FIELD
 — INTERNAL CIR BRD WIRING

COLOR CODE:

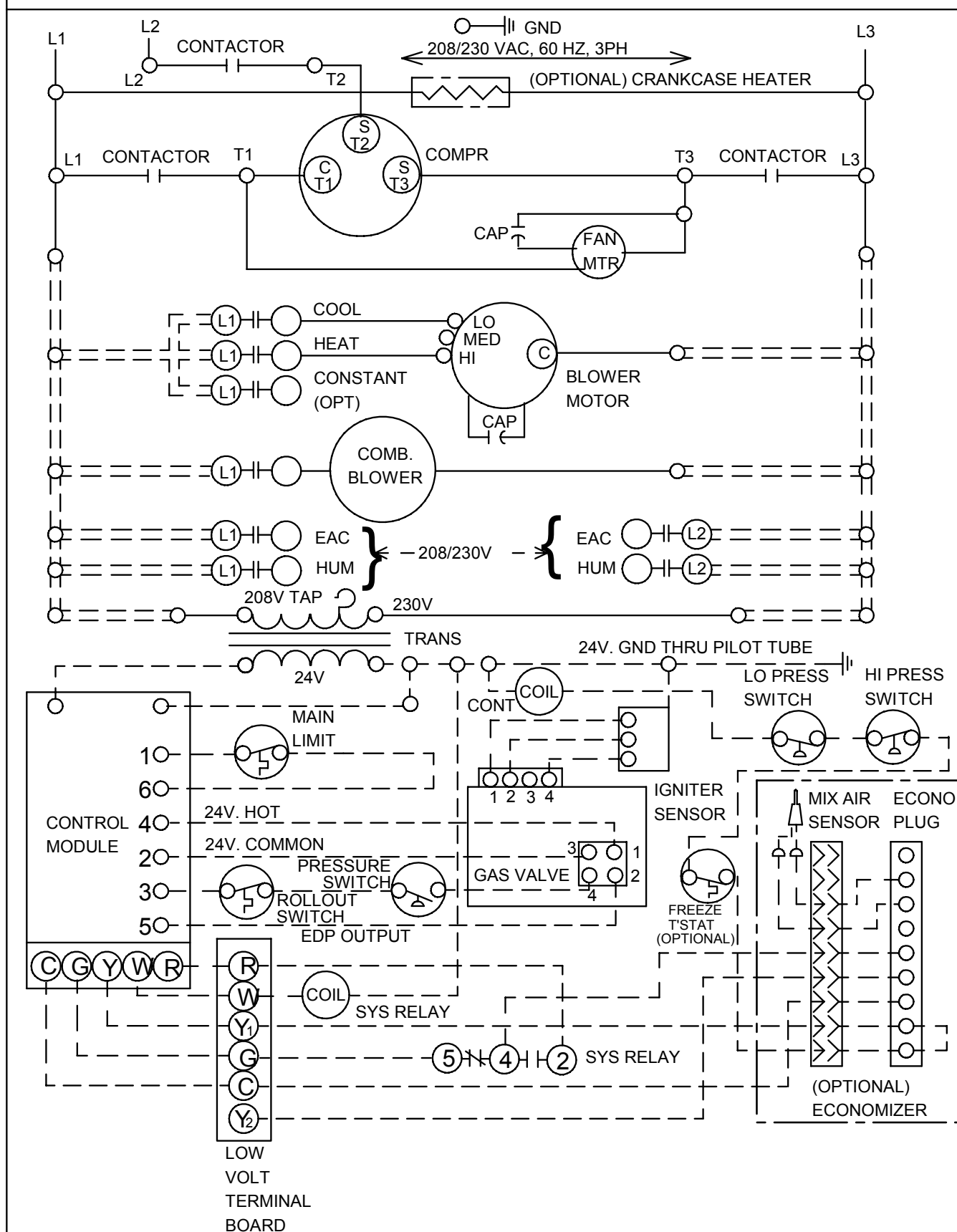
BLACK	BK	GREEN	G	WHITE	W
BLUE	BL	ORANGE	O	YELLOW	Y
BROWN	BR	RED	R		
GRAY	GY	VIOLET	V		

1096253

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

ALL UNITS, 208/230 VOLT LADDER WIRING DIAGRAM

DANGER: ELECTRICAL SHOCK HAZARD DISCONNECT POWER BEFORE SERVICING



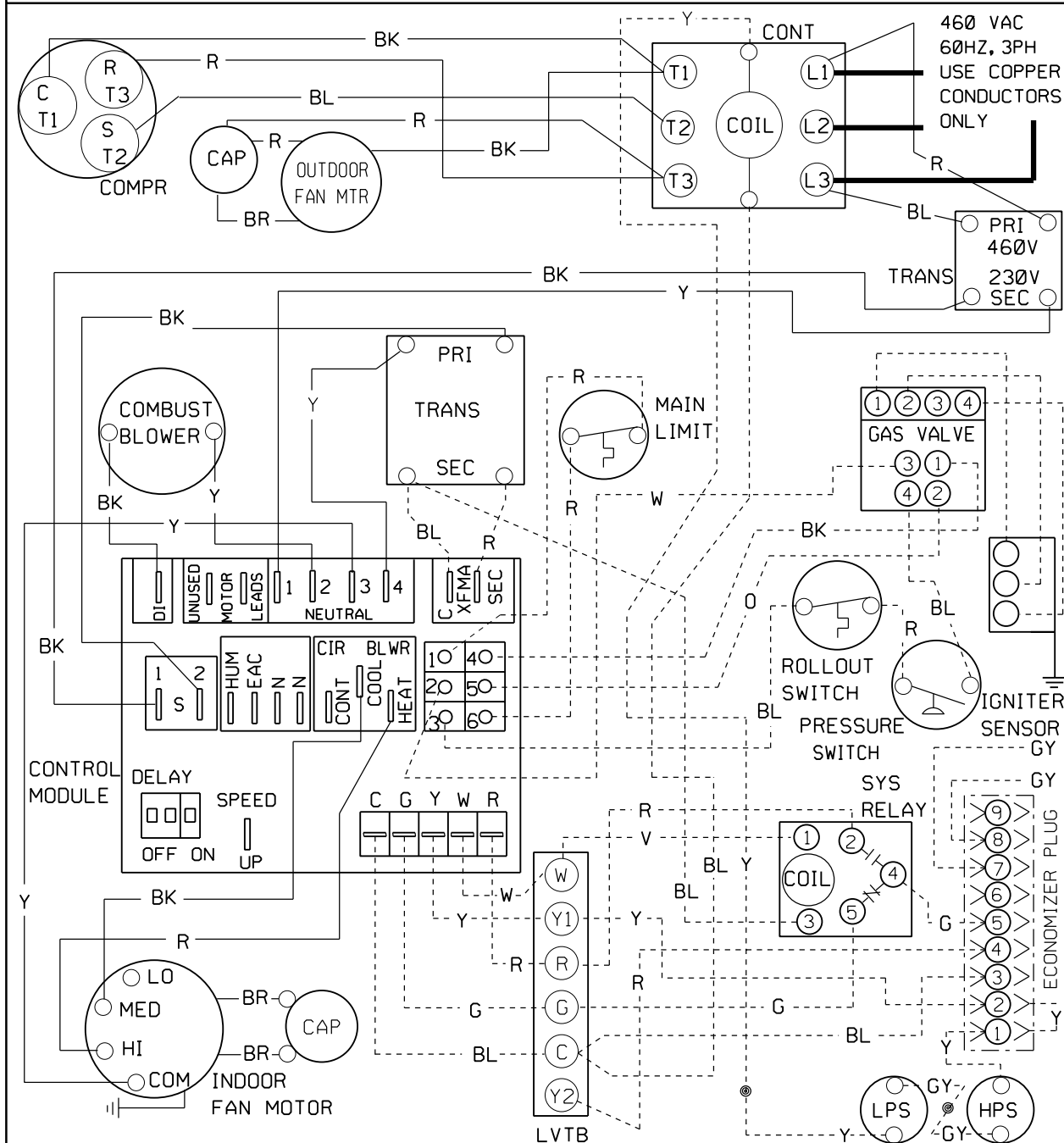
1098742-A

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

ALL UNITS, 460 VOLT CONNECTION 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 AWM-105°C OR ITS EQUIVALENT.

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

— LINE VOLTAGE FACTORY
— LINE VOLTAGE FIELD
— LOW VOLTAGE FACTORY
— LOW VOLTAGE FIELD
— INTERNAL CIR BRD WIRING

COLOR CODE :

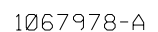
BLACK BK
BLUE BL
BROWN BR
GRAY GY

GREEN G
ORANGE O
RED R
VIOLET V

WHITE W
YELLOW Y

1096254

ALL UNITS, 460 VOLT LADDER WIRING DIAGRAM



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		75				85				95				105				115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Phase			3		Std Input		90		Entering Indoor Temperature - Degrees F. Wet Bulb																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Ampacity			21.3		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			10 / 50		Std Output		70		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		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 (HS)		HW		70				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		70				HI PR				184 198 209 -				209 225 237 -				238 256 270 -				268 288 304 -				296 318 336 -																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
RLA			11.5		Manifold Pres		3.5		70				LO PR				64 68 75 -				67 71 77 -				70 75 81 -				73 78 85 -				76 81 88 -																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
LRA			77		Std orifice		43		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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Cap MFD/V					Low Fire Orifice		46		75				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				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		35-65		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		75				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		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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Size			20		DD11		Limit Set Max		135		80				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		80				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						80				HI PR				188 202 213 222				213 229 242 253				243 261 276 288				273 294 311 324				302 325 343 358																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
FLA			1.9		5.6						80				LO PR				65 70 76 81				68 72 79 84				71 76 83 88				75 80 87 93				77 82 90 96																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
LRA			3.7		12.85						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			1075		1125						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			5/370		15/440						85				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								85				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)		102						230 Volt		External Static Press (Inch Water Column)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

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		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	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	75	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	75	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	80	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	85	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			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	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)																	
Service Driers					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														
Liquid/Chg Suction	16 Cu In / 11 oz				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) 102					230 Volt	External Static Press (Inch Water Column)							85	External Static Press (Inch Water Column)							85	External Static Press (Inch Water Column)							
Service Driers					Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.1		0.2	0.3	0.4	0.5	0.6	0.7	0.1		0.2	0.3	0.4	0.5	0.6	0.7		
Liquid/Chg	16 Cu In / 11 oz				HI	1438	1390	1342	1289	1233	1174	1115	MD HI		1342	1300	1257	1209	1156	1098	1039		MD HI	1342	1300	1257	1209	1156	1098	1039
Suction	30 Sq In				MD LO	1233	1200	1168	1130	1084	1031	975	MD LO		1233	1200	1168	1130	1084	1031	975		MD LO	1233	1200	1168	1130	1084	1031	975
Unit Weight	435				LO	1077	1057	1033	1006	976	942	899	LO	1077	1057	1033	1006	976	942	899	LO	1077	1057	1033	1006	976	942	899		
1086269																														

1086269

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	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	-	
Compressor	COPELAND	Regulation	SNAP	80	HI PR	184	198	209	-	209	225	237	-	238	256	270	-	268	288	304	-	296	318	336	-	
Manifold Press		3.5	LO PR		64	68	75	-	67	71	77	-	70	75	81	-	73	78	85	-	76	81	88	-		
Std orifice		43	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		
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		
Cap MFD/V			Pilot Orifice	0.1228	70	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
CC Heater			Temp Rise	35-65	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			Ignition Type	HSP	85	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	Fan On/Off		TIME <th>MBh</th> <td>33.1</td> <td>33.8</td> <td>36.1</td> <td>38.6</td> <td>32.3</td> <td>33.0</td> <td>35.3</td> <td>37.7</td> <td>31.5</td> <td>32.2</td> <td>34.4</td> <td>36.8</td> <td>29.9</td> <td>30.6</td> <td>32.7</td> <td>34.9</td> <td>27.7</td> <td>28.3</td> <td>30.3</td> <td>32.4</td>	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
Type		Fan	Blower	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
Size		20	DD11-9	Heat Antic	0.58	80	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
Motor-HP	1/3	2-Jan		<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>	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			85	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					85	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				460	External Static Press (Inch Water Column)																				
Operating Chg (No Lines)*	(R-22 Oz)	102				Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7													
Service Driers	16 Cu In / 11 oz	30 Sq In				HI	1438	1390	1342	1289	1233	1174	1115													
Liquid/Chg Suction						MD HI	1342	1300	1257	1209	1156	1098	1039													
Unit Weight			435		MD LO	1233	1200	1168	1130	1084	1031	975														
			LO	1077	1057	1033	1006	976	942	899																

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		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	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	75	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		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	80	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	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			Ignition Type	HSP	80	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	44.1	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	85	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				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	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					85	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	(R-22 Oz)				230 Volt		External Static Press (Inch Water Column)																			
(No Lines)*	180				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	16 Cu In / 11 oz				MD HI	1785	1735	1680	1620	1560	1485	1405														
Suction	30 Sq In				MD LO	1570	1540	1505	1465	1415	1380	1280														
Unit Weight	580				LO	1485	1460	1430	1395	1345	1290	1225														

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	11.8		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	8 / 72		Std Output	71			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	COPELAND		Regulation	SNAP		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		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			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		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			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	PSC				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				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					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	(R-22 Oz)																										
(No Lines)*	180																										
Service Driers																											
Liquid/Chg	16 Cu In / 11 oz																										
Suction	30 Sq In																										
Unit Weight	580																										

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	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	-
Wire Ga/Ft	8 / 72		Std Output	90			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
Delay Fuse	15		Low Fire Output	75	70	SIT	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	-
Max. Fuse	35		Gas Valve (HSP)	HW			HI PR	165	178	188	-	188	202	213	-	214	230	243	-	241	259	273	-	266	286	302
Compressor	COPELAND		Regulation	SNAP	75	LO PR	66	71	77	-	69	73	80	-	73	77	84	-	76	81	88	-	79	84	91	-
RLA	13.9		Manifold Press	3.5			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
LRA	88		Std orifice	43	75	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
Cap MFD/V			Low Fire Orifice	46			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
CC Heater			Pilot Orifice	0.018	75	HI PR	167	179	190	198	190	204	216	225	216	233	246	256	243	262	276	288	269	289	305	318
Start Kit			Temp Rise	35 - 65			LO PR	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	85	92
Cond & Evap	Cond	Evap	Ignition Type	HSP	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
Type	Fan	Blower	Fan On/Off	TIME			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
Size	22	DD10-9	Limit Set Max	140	80	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
Motor-HP	1/2	1/2	Heat Antic	0.58			HI PR	168	181	191	200	192	206	218	227	218	235	248	259	246	264	279	291	271	292	308
Type	PSC	PSC			85	LO PR	68	72	79	84	70	75	82	87	74	79	86	92	78	83	90	96	80	85	93	99
FLA	1.8	4.4					MBh	40.6	41.4	43.4	46.3	39.6	40.4	43.3	45.2	38.7	39.4	41.3	44.1	36.7	37.5	39.2	41.9	34.0	34.7	36.3
LRA	6.4	8.6			85	SIT	1.00	0.96	0.87	0.71	1.00	0.99	0.83	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
PTCR					85	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
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)																	
					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 Suction	16 Cu In / 11 oz 30 Sq In				MD HI	1785	1735	1680	1620	1560	1485	1405														
					MD LO	1570	1540	1505	1465	1415	1380	1280														
Unit Weight	580				LO	1485	1460	1430	1395	1345	1290	1225														
																								1096273		

Style No:	PGAD42E1L / PGME42F115				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	11.8		Low Fire Input	95		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	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	75		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	COPELAND		Regulation	SNAP		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	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		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	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		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	PSC				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			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				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)*	(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															
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															

1096274

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					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)						230 Volt	External Static Press (Inch Water Column)																			
	215						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	1485	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													

1096275

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	12.3		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	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	COPELAND		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	
	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	
Type	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	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	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	(R-22 Oz)				230 Volt				External Static Press (Inch Water Column)																	
(No Lines)*	215				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	1485	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														

1096276

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	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		90	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			95	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				100		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)				105	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																						
Suction	30 Sq In			MD LO		-	-	-	-	-	-	-																						
Unit Weight	610			110	LO	1700	1685	1660	1625	1585	1540	1485																						

1096277

1096277

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	12.4		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	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	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	COPELAND		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	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	80	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		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	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	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				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	(R-22 Oz)				230 Volt				External Static Press (Inch Water Column)																							
(No Lines)*	215				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																	
Suction	30 Sq In				MD LO				-	-	-	-	-	-	-																	
Unit Weight	610				LO				1700	1685	1660	1625	1585	1540	1485																	

1096278

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	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	-
Wire Ga/Ft	6 / 76		Std Output	91			SIT	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
Delay Fuse	15		Low Fire Output	75	70	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	-
Max. Fuse	45		Gas Valve (HSP)	HW			HI PR	186	201	212	-	212	228	241	-	241	260	274	-	272	292	309	-	300	323	341
Compressor	COPELAND		Regulation	SNAP	75	LO PR	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-
RLA	17.3		Manifold Press	3.5			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
LRA	123		Std orifice	43	75	SIT	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
Cap MFD/V			Low Fire Orifice	46			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
CC Heater			Pilot Orifice	0.018	75	HI PR	188	203	214	223	214	230	243	254	244	263	277	289	274	295	312	325	303	326	345	359
Start Kit			Temp Rise	30 - 60			LO PR	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90
Cond & Evap	Cond	Evap	Ignition Type	HSP	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
Type	Fan	Blower	Fan On/Off	TIME			SIT	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
Size	22	DD11-11	Limit Set Max	135	80	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
Motor-HP	1/2	1	Heat Antic	0.58			HI PR	190	205	216	225	216	233	246	256	246	265	280	292	277	298	315	329	306	330	348
Type	PSC	PSC			85	LO PR	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97
FLA	1.8	5					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	6.4	8.6			85	SIT	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	1145	1140					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
PTCR	7.5/440	20/370			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
Low Press	20				Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																					
Operating Chg	(R-22 Oz)				230 Volt				External Static Press (Inch Water Column)																	
(No Lines)*	215				Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7														
Service Driers					HI	2300	2250	2190	2125	2060	1990	1915														
Liquid/Chg	30 Cu In / 17 oz				MD HI	2130	2090	2045	1995	1875	1805	1580														
Suction	30 Sq In				MD LO	1670	1650	1630	1600	1565	1525	1475														
Unit Weight	625				LO	1330	1315	1300	1280	1255	1225	1185														

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	14.6		Low Fire Input	95			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			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			70	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	COPELAND		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			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	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			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	5					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							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	(R-22 Oz)						230 Volt			External Static Press (Inch Water Column)																	
(No Lines)*	215						Speed Tap	0.1	0.2	0.3	0.4	0.5	0.6	0.7													
Service Driers							HI	2300	2250	2190	2125	2060	1990	1915													
Liquid/Chg	30 Cu In / 17 oz						MD HI	2130	2090	2045	1995	1875	1805	1580													
Suction	30 Sq In						MD LO	1670	1650	1630	1600	1565	1525	1475													
Unit Weight	625						LO	1330	1315	1300	1280	1255	1225	1185													

1096280

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	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	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				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 Suction	30 Cu In / 17 oz 30 Sq In				HI	2470	2400	2325	2250	2170	2085	2000	MD HI	2395	2335	2270	2200	2125	2050	1965	MD LO	2260	2205	2145	2080	2015	1940	1865
Unit Weight	630				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	15.1			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	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	COPELAND			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			
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	6				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			85	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						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																
Liquid/Chg Suction	30 Cu In / 17 oz 30 Sq In					HI	2470	2400	2325	2250	2170	2085	2000	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								
																										1096282			