

Parts List

Tech Labels & Wiring Diagrams

Models

PGS036H100
PGS036L100
PGS036S100
PGS048H120
PGS048L120
PGS048S120
PGS060H140
PGS060L140
PGS060S140

These Units Feature Stainless
Steel Heat Exchangers

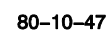
Three Phase Package Gas-Electric Combination Units

Manufactured by:
International Comfort Products
Lewisburg, TN USA 37091

Save This Manual For Future Reference

509 04 1801 00
2-29-00 LP-1

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



KEY NO.	DESCRIPTION	PART NUMBER	PGS036H100A	PGS036L100A	PGS036S100A	PGS048H120A	PGS048L120A	PGS048S120A	PGS060H140A	PGS060L140A	PGS060S140A
1	Compressor, CR38K6TF5	1097995	1								
1	CR38K6TFD	1097996	*	1							
1	CR38K6TFE	1098243	*	*	1						
1	CR42K6TF5	1083931	*	*	*	1					
1	CR42K6TFD	1097997	*	*	*	*	1				
1	CR42K6TFE	1098242	*	*	*	*	*	1			
1	ZR57KCTF5	1098001	*	*	*	*	*	*	1		
1	ZR57KCTFD	1098002	*	*	*	*	*	*	*	1	
1	ZR57KCTFE	1098003	*	*	*	*	*	*	*	*	1
2	Valve, Gas (Nat. & L.P.)	1011421	1	1	1	1	1	1	1	1	1
3	Burner Assembly	1008725	1	1	1						
3		1008726	*	*	*	1	1	1			
3		1009179	*	*	*	*	*	*	1	1	1
4	Orifice, Burner Nat. Gas (No. 42)	1011351	4	4	4	5	5	5	6	6	6
5	Burner, Pilot/Ign/Sen (Nat. & L.P.)	1008731	1	1	1	1	1	1	1	1	1
6	Capacitor, 15Mfd.,370Volt	1094959	1	1	1	1	1	1	*	*	1
6	20Mfd.,440Volt	1094968	*	*	*	*	*	*	1	1	
7	Mount, Blower Motor Kit	1002804	1	1	1	1	1	1	1		
7		1097955	*	*	*	*	*	*	*	1	1
8	Motor, Blower, 1/2Hp, 230 Volt	1065279	1			1					
8	1/2Hp, 460 Volt	1085643	*	1			1				
8	1/2HP, 575 Volt	1097627	*	*	1			1			
8	1Hp, 230 Volt	1054586	*	*	*	*	*	*	1		
8	1Hp, 460 Volt	1098023	*	*	*	*	*	*	*	1	
8	1Hp, 575 Volt	1098971	*	*	*	*	*	*	*	*	1
9	Wheel, Blower 11-9DD	1065361	1	1	1						
9	11-11DD	1054593	*	*	*	1	1	1			
9	12-12DD	1098091	*	*	*	*	*	*	1	1	1
10	Switch, Limit (Auxiliary) 130	1000735	1	1	1	1	1	1	1	1	1
11	Switch, Limit (Rollout) 300F	1005549	1	1	1	1	1	1	1	1	1
12	Manifold, Gas	1084114	1	1	1						
12		1084115	*	*	*	1	1	1			
12		1084116	*	*	*	*	*	*	1	1	1
13	Heat Exchanger, 4-Section	1008878	1	1	1						
13	Heat Exchanger, 5-Section	1008879	*	*	*	1	1	1			
13	Heat Exchanger, 6-Section	231010106	*	*	*	*	*	*	1	1	1
14	Gasket, Heat Exchanger	2480906	2	2	2						
14		2480907	*	*	*	2	2	2			
14		2480908	*	*	*	*	*	*	2	2	2
15	Partition, Heat Exchanger Front	1008071	1	1	1						
15		1012411	*	*	*	1	1	1			
15		1008074	*	*	*	*	*		1	1	1
16	Gasket, Collector Box	1093662	1	1	1						
16		1093663	*	*	*	1	1	1	1	1	1
17	Box, Collector	1085402	1	1	1						
17		1084213	*	*	*	1	1	1			
17		1011057	*	*	*	*	*	*	1	1	1

KEY NO.	DESCRIPTION	PART NUMBER	PGS036HI00A	PGS036L100A	PGS036S100A	PGS048HI20A	PGS048L120A	PGS048S120A	PGS060HI40A	PGS060L140A	PGS060S140A
18	Gasket, Blower	1011379	1	1	1	1	1	1	1	1	1
19	Blower, Exhaust	1085571	1	1	1	1	1	1	1	1	1
20	Switch, Vent Pressure	1085570	1	1	1	1	1	1	1	1	1
21	Tube, Sensor	610290	1	1	1	1	1	1	1	1	1
22	Manifold, Condenser (Discharge)	1097655	1	1	1	*	*	*	*	*	*
22		1097654	*	*	*	1	1	1	1	1	1
23	Manifold, Condenser (Liquid)	1085462	*	*	*	1	1	1			
23		1098348	*	*	*	*	*	*	1	1	1
24	Port Valve Assembly	1098058	1	1	1	1	1	1	1	1	1
26	Capacitor, 5Mfd.,370Volt	1094954	1	1	1	1	1	1	1	1	1
27	Coil, Condenser	1085551	1	1	1						
27		1085553	*	*	*	1	1	1			
27		1085552	*	*	*	*	*	*	1	1	1
28	Manifold, Evaporator (Liquid)	1085445	1	1	1						
28		1085446	*	*	*	1	1	1			
28		1085559	*	*	*	*	*	*	1	1	1
29	Manifold, Evaporator (Suction)	1085451	1	1	1						
29		1085452	*	*	*	1	1	1			
29		1085560	*	*	*	*	*	*	1	1	1
30	Coil, Evaporator	1085427	1	1	1						
30		1085428	*	*	*	1	1	1			
30		1085556	*	*	*	*	*	*	1	1	1
31	Switch, Limit (Blower Deck) 160F	34335000	1	1	1	1	1	1	1	1	1
32	Fan, Condenser	1096902	1	1	1	1	1	1	1	1	1
33	Motor, Condenser Fan 1/3 Hp, 230 Volt	1085926	1			1			1		
33	1/3 Hp, 460 Volt	1098088	*	1			1			1	
33	1/3 Hp, 575 Volt	1098085	*	*	1			1			1
34	Contacto 30 Amp., 3 Pole	607339	1	1	1	1	1	1	1	1	1
35	Transformer, 230V Pri, 24V Sec., 65VA	1054637	1			1			1		
35	460V Pri, 24V Sec., 65VA	1054638	*	1	1		1	1		1	1
36	Timer, Fan	1084197	1	1	1	1	1	1	1	1	1
37	Orifice, Pilot Burner (Nat. Gas) .018	503211	1	1		1	1		1	1	
38	Tube, Pilot	64930	1	1	1	1	1	1	1	1	1
39	Ignitor & Sensor	1009524	1	1	1	1	1	1	1	1	1
40	Plug, Compressor Harness	1096953	1	1	1	1	1	1			
40		1097526	*	*	*	*	*	*	1	1	1
41	Pan, Drain	1098037	1	1	1	1	1	1	1	1	1
42	Filter, 14 X 25 X 1	1098022	2	2	2	2	2	2	2	2	2
43	Transformer, 460V Pri, 230V Sec., 110VA	1054639	*	1	1		1	1		1	1
44	Relay, DPDT	1097980	*	1	1		1	1		1	1

KEY NO.	DESCRIPTION	PART NUMBER	PGS036H100A	PGS036L100A	PGS036S100A	PGS048H120A	PGS048L120A	PGS048S120A	PGS060H140A	PGS060L140A	PGS060S140A
A	Grille, Outlet	1084490	1	1	1	1	1	1	1	1	1
AA	Grille, Inlet	1084268	1	1	1	1	1	1	1	1	1
B	Panel, Top	1084141	1	1	1	1	1	1	1	1	1
BB	Bracket, Pilot	1010901	1	1	1	1	1	1	1	1	1
C	Orifice, Condenser Fan	1065724	1	1	1	1	1	1	1	1	1
D	Housing, Blower	1099239	1	1	1						
D		1099242	*	*	*	1	1	1			
D		1099244	*	*	*	*	*		1	1	1
DD	Panel, Compressor Access	1098764	1	1	1	1	1	1	1	1	1
H	Panel, Rear	1096956	1	1	1	1	1	1	1	1	1
JJ	Panel, Blower Cutoff	1096900	1	1	1						
JJ		1096901	*	*	*	1	1	1			
JJ		1098556	*	*	*	*	*	*	1	1	1
K	Panel, Blower Access	1098766	1	1	1	1	1	1	1	1	1
LL	Nut, Cap	1067902	4	4	4	4	4	4	4	4	4
M	Post, Corner (Heating)	1098760	1	1	1	1	1	1	1	1	1
O	Rail, Base (Front & Rear)	1098869	2	2	2	2	2	2	2	2	2
O1	Rail, Base (End)	1098870	2	2	2	2	2	2	2	2	2
OO	Baffle, Nox	1009876	4	4	4	5	5	5	6	6	6
SS	Rod, Flue Vent	1096969	1	1	1	1	1	1	1	1	1
U	Cover, Vent	1096970	1	1	1	1	1	1	1	1	1
V	Elbow, Exhaust Blower 90	1084138	1	1	1	1	1	1	1	1	1
W	Bracket, Manifold Support	1011820	2	2	2	2	2	2	2	2	2
X	Shield, Burner Bottom	1084203	1	1	1						
X		1084205	*	*	*	1	1	1			
X		1084207	*	*	*	*	*	*	1	1	1
X1	Shield, Burner Top	1084202	1	1	1						
X1		1084204	*	*	*	1	1	1			
X1		1084206	*	*	*	*	*	*	1	1	1
Z	Panel, Access Heating	1084150	1	1	1	1	1	1	1	1	1
) (	Gas Conversion Kit (Nat. to L.P.)	1160991	1	1	1	1	1	1	1	1	1
) (	Gas Conversion Kit (L.P. to Nat.)	1098575	1	1	1	1	1	1	1	1	1
) (	Manual, Parts List	50904180100	1	1		1	1		1	1	

Technical Labels

MODEL PGS036H100																																			
Voltage/Ph/Hz 208/230-3-60		IDB		Outdoor Ambient Temperature - Degrees F. Dry Bulb																															
Ampacity 20				75				85				95				105				115															
Delay Fuse 15				Entering Indoor Temperature - Degrees F. Wet Bulb																															
Max. Fuse 30				59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71												
Compressor		70	MBh	35.3	36.6	40.1	-	34.5	35.7	39.1	-	33.6	34.9	38.2	-	31.9	33.1	36.3	-	29.6	30.7	33.6	-												
RLA 11.21			S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-												
LRA 85			AMPS	13.1	13.4	13.7	-	14.0	14.2	14.5	-	14.6	14.9	15.3	-	15.3	15.6	16.0	-	16.0	16.3	16.8	-												
Cond & Evap			HI PR	186	201	212	-	212	228	241	-	241	260	274	-	272	292	309	-	300	323	341	-												
Type Fan			LOPR	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-												
Size/Pitch. 20.3		75	MBh	35.9	37.0	40.0	43.0	35.1	36.1	39.1	41.9	34.2	35.2	38.1	40.9	32.5	33.5	36.2	38.9	30.1	31.0	33.5	36.0												
Motor-Hp 1/3			S/T	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41												
FLA 1.9			AMPS	13.2	13.5	13.8	14.1	14.0	14.3	14.6	15.1	14.8	15.0	15.4	15.8	15.5	15.7	16.1	16.6	16.1	16.5	16.9	17.4												
RPM 1140			HI PR	188	203	214	223	214	230	243	254	244	263	277	289	274	295	312	325	303	326	345	359												
Cap MFD/Volts 5/440			LOPR	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96												
Hi Pressure		80	MBh	36.5	37.3	39.9	42.7	35.7	36.5	39.0	41.6	34.8	35.6	38.0	40.6	33.1	33.8	36.1	38.6	30.6	31.3	33.4	35.7												
Lo Pressure			S/T	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59												
R-22, oz. Operating Chg. See Rating Plate			AMPS	13.3	13.5	13.9	14.2	14.1	14.4	14.7	15.2	14.9	15.1	15.5	15.9	15.6	15.9	16.3	16.7	16.3	16.6	17.0	17.5												
Unit Weight 410			HI PR	190	205	216	225	216	233	246	256	246	265	280	292	277	298	315	329	306	330	348	363												
Heating Data			LOPR	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97												
Gas Type NAT.		85	MBh	37.2	37.9	39.7	42.4	36.3	37.0	38.8	41.3	35.4	36.1	37.8	40.3	33.6	34.3	35.9	38.3	31.2	31.8	33.3	35.5												
Std Input 100			S/T	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76												
Std Output 80			AMPS	13.4	13.6	14.0	14.3	14.2	14.5	14.8	15.3	15.0	15.2	15.6	16.1	15.7	16.0	16.4	16.9	16.4	16.7	17.1	17.6												
Gas Valve (HSP) HW			HI PR	192	207	218	228	219	235	248	259	249	268	283	295	280	301	318	332	309	333	352	367												
Regulation SNAP			LOPR	67	71	78	83	70	74	81	86	73	78	85	90	77	81	89	95	79	84	92	98												
Manifold Press. 3.5		Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for wet coil)																																	
Std Orifice 42		External Static Press (Inch Water Column)																																	
Pilot Orifice 0.018		Speed Tap		0.2	0.3	0.4	0.5																												
Temp. Rise 35-65		High		1770	1740	1710	1670																												
Ignition Type HSP		Med.		1385	1365	1355	1340																												
Fan On/Off TIME		Low		1180	1170	1160	1180																												
Limit Set Max 135																																			
Heat Antic. 0.58																																			
																				1113079															
																				2-29-00															

MODEL		PGS036L100	
Voltage/Ph/Hz		460-3-60	
Ampacity		9.6	
Delay Fuse		15	
Max. Fuse		15	
Compressor			
RLA		5.51	
LRA		42	
Cond & Evap		Cond	Evap
Type	Fan	Blower	
Size/Pitch.	20.3	DD11-9A	
Motor-Hp	1/3	1/2	
FLA	.75	2	
LRA	2.15	4.15	
RPM	1140	1000	
Cap MFD/Volts	5/440	15/370	
Hi Pressure			
Lo Pressure			
R-22, oz. Operating Chg.			
See Rating Plate			
Unit Weight		410	
Heating Data			
Gas Type	NAT.		
Std Input	100		
Std Output	80		
Gas Valve (HSP)	HW		
Regulation	SNAP		
Manifold Press.	3.5		
Std Orifice	42		
Pilot Orifice	0.018		
Temp. Rise	35-65		
Ignition Type	HSP		
Fan On/Off	TIME		
Limit Set Max	135		
Heat Antic.	0.58		

IDB		Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature - Degrees F. Wet Bulb																			
70	MBh	35.3	36.6	40.1	-	34.5	35.7	39.1	-	33.6	34.9	38.2	-	31.9	33.1	36.3	-	29.6	30.7	33.6	-
	S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
	AMPS	6.6	6.8	6.9	-	7.0	7.2	7.3	-	7.4	7.5	7.7	-	7.7	7.9	8.1	-	8.1	8.2	8.4	-
	HI PR	186	201	212	-	212	228	241	-	241	260	274	-	272	292	309	-	300	323	341	-
	LOPR	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-
75	MBh	35.9	37.0	40.0	43.0	35.1	36.1	39.1	41.9	34.2	35.2	38.1	40.9	32.5	33.5	36.2	38.9	30.1	31.0	33.5	36.0
	S/T	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
	AMPS	6.7	6.8	7.0	7.1	7.1	7.2	7.4	7.6	7.4	7.6	7.7	8.0	7.8	7.9	8.1	8.3	8.1	8.3	8.5	8.7
	HI PR	188	203	214	223	214	230	243	254	244	263	277	289	274	295	312	325	303	326	345	359
	LOPR	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96
80	MBh	36.5	37.3	39.9	42.7	35.7	36.5	39.0	41.6	34.8	35.6	38.0	40.6	33.1	33.8	36.1	38.6	30.6	31.3	33.4	35.7
	S/T	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59
	AMPS	6.7	6.8	7.0	7.2	7.1	7.3	7.4	7.6	7.5	7.6	7.8	8.0	7.8	8.0	8.2	8.4	8.2	8.3	8.5	8.8
	HI PR	190	205	216	225	216	233	246	256	246	265	280	292	277	298	315	329	306	330	348	363
	LOPR	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97
85	MBh	37.2	37.9	39.7	42.4	36.3	37.0	38.8	41.3	35.4	36.1	37.8	40.3	33.6	34.3	35.9	38.3	31.2	31.8	33.3	35.5
	S/T	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
	AMPS	6.8	6.9	7.0	7.2	7.2	7.3	7.5	7.7	7.5	7.7	7.9	8.1	7.9	8.0	8.2	8.5	8.2	8.4	8.6	8.8
	HI PR	192	207	218	228	219	235	248	259	249	268	283	295	280	301	318	332	309	333	352	367
	LOPR	67	71	78	83	70	74	81	86	73	78	85	90	77	81	89	95	79	84	92	98

Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for wet coil)

External Static Press (Inch Water Column)

Speed Tap

0.2

0.3

0.4

0.5

High

1770

1740

1710

1670

Med.

1385

1365

1355

1340

Low

1180

1170

1160

1180

1113082
2-29-00

**1113082
2-29-00**

MODEL		PGS036S100	
Voltage/Ph/Hz		575/3/60	
Ampacity		7.7	
Max. Fuse		15	
Compressor			
RLA		4.47	
LRA		34.0	
Cond & Evap		Cond Evap	
Type		Fan Blower	
Size/Pitch.		20.3 DD11-9A	
Motor-Hp		1/3 1/2	
FLA		.6 1.5	
LRA		1.7 3.6	
RPM		1140 1000	
Cap MFD/Volts		5/440 15/370	
Hi Pressure			
Lo Pressure			
R-22, oz. Operating Chg.			
See Rating Plate			
Unit Weight		410	
Heating Data			
Gas Type		NAT.	
Std Input		100	
Std Output		80	
Gas Valve (HSP) HW			
Regulation		SNAP	
Manifold Press.		3.5	
Std Orifice		42	
Pilot Orifice		0.018	
Temp. Rise		35-65	
Ignition Type		HSP	
Fan On/Off		TIME	
Limit Set Max		135	
Heat Antic.		0.58	

IDB		Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature - Degrees F. Wet Bulb																			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	35.3	36.6	40.1	-	34.5	35.7	39.1	-	33.6	34.9	38.2	-	31.9	33.1	36.3	-	29.6	30.7	33.6	-
	S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
	AMPS	5.3	5.4	5.5	-	5.6	5.7	5.8	-	5.9	6.0	6.1	-	6.1	6.3	6.4	-	6.4	6.5	6.7	-
	HI PR	186	201	212	-	212	228	241	-	241	260	274	-	272	292	309	-	300	323	341	-
	LOPR	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-
75	MBh	35.9	37.0	40.0	43.0	35.1	36.1	39.1	41.9	34.2	35.2	38.1	40.9	32.5	33.5	36.2	38.9	30.1	31.0	33.5	36.0
	S/T	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
	AMPS	5.3	5.4	5.5	5.7	5.6	5.7	5.9	6.0	5.9	6.0	6.2	6.3	6.2	6.3	6.5	6.6	6.5	6.6	6.7	6.9
	HI PR	188	203	214	223	214	230	243	254	244	263	277	289	274	295	312	325	303	326	345	359
	LOPR	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96
80	MBh	36.5	37.3	39.9	42.7	35.7	36.5	39.0	41.6	34.8	35.6	38.0	40.6	33.1	33.8	36.1	38.6	30.6	31.3	33.4	35.7
	S/T	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59
	AMPS	5.3	5.4	5.6	5.7	5.7	5.8	5.9	6.1	5.9	6.0	6.2	6.4	6.2	6.3	6.5	6.7	6.5	6.6	6.8	7.0
	HI PR	190	205	216	225	216	233	246	256	246	265	280	292	277	298	315	329	306	330	348	363
	LOPR	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97
85	MBh	37.2	37.9	39.7	42.4	36.3	37.0	38.8	41.3	35.4	36.1	37.8	40.3	33.6	34.3	35.9	38.3	31.2	31.8	33.3	35.5
	S/T	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
	AMPS	5.4	5.5	5.6	5.7	5.7	5.8	5.9	6.1	6.0	6.1	6.2	6.4	6.3	6.4	6.5	6.7	6.5	6.7	6.8	7.0
	HI PR	192	207	218	228	219	235	248	259	249	268	283	295	280	301	318	332	309	333	352	367
	LOPR	67	71	78	83	70	74	81	86	73	78	85	90	77	81	89	95	79	84	92	98

Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for wet coil)

External Static Press (Inch Water Column)				
Speed Tap	0.2	0.3	0.4	0.5
High	1770	1740	1710	1670

1113085
2-29-00

MODEL		PGS048H120	
Voltage/Ph/Hz	208/230-3-60		
Ampacity	22.9		
Delay Fuse	15		
Max. Fuse	35		
Compressor			
RLA	13.49		
LRA	91		
Cond & Evap			
Cond	Evap		
Type	Fan Blower		
Size/Pitch.	20.3 DD11-9A		
Motor -Hp	1/3 1/2		
FLA	1.9 4.1		
LRA	3.8 7.5		
RPM	1140 1000		
Cap MFD/Volts	5/440 15/370		
Hi Pressure			
Lo Pressure			
R-22, oz.			
Operating Chg.	See Rating Plate		
Unit Weight			
490			
Heating Data			
Gas Type	NAT.		
Std Input	120		
Std Output	96		
Gas Valve (HSP) HW			
Regulation	SNAP		
Manifold Press.	3.5		
Std Orifice	42		
Pilot Orifice	0.018		
Temp. Rise	40-70		
Ignition Type	HSP		
Fan On/Off	TIME		
Limit Set Max	135		
Heat Antic.	0.58		

IDB		Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature - Degrees F. Wet Bulb																			
70	MBh	42.3	43.8	48.0	-	41.3	42.8	46.9	-	40.3	41.7	45.7	-	38.3	39.6	43.4	-	35.4	36.7	40.2	-
	S/T	0.78	0.66	0.45	-	0.80	0.67	0.47	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-
	AMPS	14.8	15.1	15.4	-	15.7	16.0	16.4	-	16.5	16.8	17.3	-	17.3	17.6	18.1	-	18.1	18.4	18.9	-
	HI PR	184	198	210	-	210	226	238	-	239	257	271	-	269	289	305	-	297	320	337	-
	LOPR	66	71	77	-	69	73	80	-	73	77	84	-	76	81	88	-	79	84	91	-
75	MBh	43.0	44.3	47.9	51.4	42.0	43.2	46.8	50.2	41.0	42.2	45.6	49.0	38.9	40.1	43.4	46.5	36.0	37.1	40.2	43.1
	S/T	0.89	0.80	0.60	0.39	0.91	0.82	0.62	0.40	0.94	0.84	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.88	0.67	0.43
	AMPS	14.9	15.2	15.5	16.0	15.8	16.1	16.5	17.0	16.6	17.0	17.4	17.9	17.4	17.8	18.2	18.8	18.2	18.6	19.1	19.6
	HI PR	186	200	212	221	212	228	241	251	241	260	274	286	271	292	309	322	300	323	341	356
	LOPR	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	85	92	98
80	MBh	43.8	44.7	47.8	51.1	42.7	43.7	46.6	49.9	41.7	42.6	45.5	48.6	39.6	40.5	43.2	46.2	36.7	37.5	40.0	42.8
	S/T	0.98	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62
	AMPS	15.0	15.3	15.6	16.1	16.0	16.2	16.6	17.1	16.8	17.1	17.5	18.0	17.6	17.9	18.4	18.9	18.4	18.7	19.2	19.8
	HI PR	188	203	214	223	214	230	243	254	244	262	277	289	274	295	312	325	303	326	344	359
	LOPR	68	72	79	84	70	75	82	87	74	79	86	92	78	83	90	96	80	85	93	99
85	MBh	44.5	45.4	47.5	50.7	43.5	44.3	46.4	49.5	42.4	43.2	45.3	48.3	40.3	41.1	43.0	45.9	37.3	38.0	39.8	42.5
	S/T	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80
	AMPS	15.1	15.4	15.7	16.2	16.1	16.3	16.8	17.2	16.9	17.2	17.6	18.1	17.7	18.0	18.5	19.0	18.5	18.9	19.3	19.9
	HI PR	190	205	216	225	216	233	246	256	246	265	280	292	277	298	315	328	306	329	348	363
	LOPR	69	73	80	85	71	76	83	88	75	80	87	93	78	83	91	97	81	86	94	100

Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for wet coil)				
External Static Press (Inch Water Column)				
Speed Tap	0.2	0.3	0.4	0.5
High	1810	1790	1780	1700
Med.	1400	1380	1350	1335
Low	1230	1210	1190	1100

1113080
2-29-00

1113080
2-29-00

MODEL		PGF048L120 / GPFM48L120																																																																																						
Voltage/Ph/Hz	460-3-60		IDB		Outdoor Ambient Temperature - Degrees F. Dry Bulb																																																																																			
Ampacity	10.4				75				85				95				105				115																																																																			
Delay Fuse	15		70		Entering Indoor Temperature - Degrees F. Wet Bulb																																																																																			
Max. Fuse	15				59				63				67				71				59				63				67				71																																																							
Compressor			75		MBh		42.3				43.8				48.0				-				41.3				42.8				46.9				-				40.3				41.7				45.7				-				38.3				39.6				43.4				-				35.4				36.7				40.2				-					
RLA	6.08						S/T		0.78				0.66				0.45				-				0.80				0.67				0.47				-				0.83				0.69				0.48				-				0.86				0.72				0.50				-				0.87				0.73				0.50				-			
LRA	42				AMPS				7.6				7.7				7.9				-				8.0				8.1				8.3				-				8.4				8.5				8.7				-				8.7				8.9				9.1				-				9.1				9.2				9.5				-			
Type	Cond	Evap					HI PR		184				198				210				-				210				226				238				-				239				257				271				-				269				289				305				-				297				320				337				-			
Size/Pitch.	Fan	Blower							LOPR		66				71				77				-				69				73				80				-				73				77				84				-				76				81				88				-				79				84				91				-	
Motor-Hp	1/3	1/2	75		MBh		43.0				44.3				47.9				51.4				42.0				43.2				46.8				50.2				41.0				42.2				45.6				49.0				38.9				40.1				43.4				46.5				36.0				37.1				40.2				43.1					
FLA	.75	2					S/T		0.89				0.80				0.60				0.39				0.91				0.82				0.62				0.40				0.94				0.84				0.64				0.41				0.98				0.88				0.66				0.43				0.99				0.88				0.67				0.43			
LRA	2.15	4.5			AMPS				7.6				7.7				7.9				8.1				8.0				8.2				8.4				8.6				8.4				8.5				8.7				9.0				8.8				8.9				9.1				9.4				9.1				9.3				9.5				9.8			
RPM	1140	1000					HI PR		186				200				212				221				212				228				241				251				241				260				274				286				271				292				309				322				300				323				341				356			
Cap MFD/Volts	5/440	15/370	80		LOPR				67				71				78				83				70				74				81				86				73				78				85				91				77				82				89				95				79				85				92				98			
Hi Pressure							MBh		43.8				44.7				47.8				51.1				42.7				43.7				46.6				49.9				41.7				42.6				45.5				48.6				39.6				40.5				43.2				46.2				36.7				37.5				40.0				42.8			
Lo Pressure					S/T				0.98				0.92				0.75				0.56				1.00				0.94				0.77				0.57				1.00				0.97				0.79				0.59				1.00				1.00				0.82				0.61				1.00				1.00				0.83				0.62			
R-22, oz.							AMPS		7.7				7.8				8.0				8.1				8.1				8.2				8.4				8.6				8.5				8.6				8.8				9.0				8.8				9.0				9.2				9.4				9.2				9.4				9.6				9.8			
Operating Chg.	See Rating Plate		HI PR		188				203				214				223				214				230				243				254				244				262				277				289				274				295				312				325				303				326				344				359							
Unit Weight	490				LOPR				68				72				79				84				70				75				82				87				74				79				86				92				78				83				90				96				80				85				93				99			
Heating Data			85				MBh		44.5				45.4				47.5				50.7				43.5				44.3				46.4				49.5				42.4				43.2				45.3				48.3				40.3				41.1				43.0				45.9				37.3				38.0				39.8				42.5			
Gas Type	NAT.				S/T				1.00				0.99				0.89				0.72				1.00				1.00				0.92				0.74				1.00				1.00				0.94				0.77				1.00				1.00				0.98				0.80				1.00				1.00				0.99				0.80			
Std Input	120						AMPS		7.7				7.8				8.0				8.2				8.1				8.3				8.5				8.7				8.5				8.7				8.9				9.1				8.9				9.0				9.3				9.5				9.3				9.4				9.6				9.9			
Std Output	96				HI PR				190				205				216				225				216				233				246				256				246				265				280				292				277				298				315				328				306				329				348				363			
Gas Valve (HSP) HW									LOPR		69				73				80				85				71				76				83				88				75				80				87				93				78				83				91				97				81				86				94				100	
Regulation	SNAP		Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for wet coil)																																																																																					
Manifold Press.	3.5		External Static Press (Inch Water Column)																																																																																					
Std Orifice	42		Speed Tap				0.2				0.3				0.4				0.5																																																																					
Pilot Orifice	0.018		High				1810				1790				1780				1700																																																																					
Temp. Rise	40-70		Med.				1400				1380				1350				1335																																																																					
Ignition Type	HSP		Low				1230				1210				1190				1100																																																																					
Fan On/Off	TIME																																																																																							
Limit Set Max	135																																																																																							
Heat Antic.	0.58																																																																																							
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MODEL			PGS048S120		
Voltage/Ph/Hz			575/3/60		
Ampacity			8.4		
Max. Fuse			15		
Compressor					
RLA			5.04		
LRA			39.0		
Cond & Evap			Cond Fan Evap		
Type			Fan Blower		
Size/Pitch.			20.3 DD11-9A		
Motor -Hp			1/3 1/2		
FLA			.6 1.5		
LRA			1.7 3.6		
RPM			1140 1000		
Cap MFD/Volts			5/440 15/370		
Hi Pressure					
Lo Pressure					
R-22, oz.					
Operating Chg.			See Rating Plate		
Unit Weight			490		
Heating Data					
Gas Type			NAT.		
Std Input			120		
Std Output			96		
Gas Valve (HSP) HW			Regulation SNAP		
Manifold Press.			3.5		
Std Orifice			42		
Pilot Orifice			0.018		
Temp. Rise			40-70		
Ignition Type			HSP		
Fan On/Off			TIME		
Limit Set Max			135		
Heat Antic.			0.58		

IDB		Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature - Degrees F. Wet Bulb																			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	42.3	43.8	48.0	-	41.3	42.8	46.9	-	40.3	41.7	45.7	-	38.3	39.6	43.4	-	35.4	36.7	40.2	-
	S/T	0.78	0.66	0.45	-	0.80	0.67	0.47	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-
	AMPS	6.0	6.1	6.2	-	6.3	6.4	6.6	-	6.6	6.8	6.9	-	6.9	7.1	7.2	-	7.2	7.4	7.5	-
	HI PR	184	198	210	-	210	226	238	-	239	257	271	-	269	289	305	-	297	320	337	-
	LOPR	66	71	77	-	69	73	80	-	73	77	84	-	76	81	88	-	79	84	91	-
75	MBh	43.0	44.3	47.9	51.4	42.0	43.2	46.8	50.2	41.0	42.2	45.6	49.0	38.9	40.1	43.4	46.5	36.0	37.1	40.2	43.1
	S/T	0.89	0.80	0.60	0.39	0.91	0.82	0.62	0.40	0.94	0.84	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.88	0.67	0.43
	AMPS	6.0	6.1	6.3	6.4	6.4	6.5	6.6	6.8	6.7	6.8	7.0	7.1	7.0	7.1	7.3	7.5	7.3	7.4	7.6	7.8
	HI PR	186	200	212	221	212	228	241	251	241	260	274	286	271	292	309	322	300	323	341	356
	LOPR	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	85	92	98
80	MBh	43.8	44.7	47.8	51.1	42.7	43.7	46.6	49.9	41.7	42.6	45.5	48.6	39.6	40.5	43.2	46.2	36.7	37.5	40.0	42.8
	S/T	0.98	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62
	AMPS	6.1	6.2	6.3	6.5	6.4	6.5	6.7	6.9	6.7	6.8	7.0	7.2	7.0	7.1	7.3	7.5	7.3	7.5	7.6	7.9
	HI PR	188	203	214	223	214	230	243	254	244	262	277	289	274	295	312	325	303	326	344	359
	LOPR	68	72	79	84	70	75	82	87	74	79	86	92	78	83	90	96	80	85	93	99
85	MBh	44.5	45.4	47.5	50.7	43.5	44.3	46.4	49.5	42.4	43.2	45.3	48.3	40.3	41.1	43.0	45.9	37.3	38.0	39.8	42.5
	S/T	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80
	AMPS	6.1	6.2	6.3	6.5	6.5	6.6	6.7	6.9	6.8	6.9	7.0	7.2	7.1	7.2	7.4	7.6	7.4	7.5	7.7	7.9
	HI PR	190	205	216	225	216	233	246	256	246	265	280	292	277	298	315	328	306	329	348	363
	LOPR	69	73	80	85	71	76	83	88	75	80	87	93	78	83	91	97	81	86	94	100

Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for wet coil)

External Static Press (Inch Water Column)				
Speed Tap	0.2	0.3	0.4	0.5
High	1810	1790	1780	1700

1113086
2-29-00

MODEL		PGS060H140	
Voltage/Ph/Hz		208/230-3-60	
Ampacity		30.9	
Delay Fuse		15	
Max. Fuse		45	
Compressor			
RLA		24.1	
LRA		124	
Cond & Evap		Cond	Evap
Type		Fan	Blower
Size/Pitch.		20.3	DD 12- 12A
Motor -Hp		1/3	1
FLA		1.9	6
LRA		3.8	15
RPM		1140	1000
Cap MFD/Volts		5/440	15/370
Hi Pressure			
Lo Pressure			
R-22, oz.			
Operating Chg.		See Rating Plate	
Unit Weight		510	
Heating Data			
Gas Type		NAT.	
Std Input		140	
Std Output		112	
Gas Valve (HSP)		HW	
Regulation		SNAP	
Manifold Press.		3.5	
Std Orifice		42	
Pilot Orifice		0.018	
Temp. Rise		40-70	
Ignition Type		HSP	
Fan On/Off		TIME	
Limit Set Max		135	
Heat Antic.		0.58	

IDB		Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
		75				85				95				105				115			
		Entering Indoor Temperature - Degrees F. Wet Bulb																			
70	MBh	53.9	55.9	61.2	-	52.6	54.5	59.7	-	51.3	53.2	58.3	-	48.8	50.5	55.4	-	45.2	46.8	51.3	-
	S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
	AMPS	19.5	19.9	20.4	-	20.8	21.2	21.7	-	21.9	22.3	22.9	-	23.0	23.4	24.0	-	24.0	24.5	25.2	-
	HI PR	194	208	220	-	220	237	250	-	251	270	285	-	282	304	321	-	312	336	354	-
	LOPR	64	68	75	-	67	71	77	-	70	75	81	-	73	78	85	-	76	81	88	-
75	MBh	54.8	56.4	61.1	65.6	53.5	55.1	59.6	64.0	52.2	53.7	58.2	62.4	49.6	51.1	55.3	59.3	45.9	47.3	51.2	54.9
	S/T	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
	AMPS	19.7	20.0	20.5	21.1	20.9	21.3	21.9	22.5	22.0	22.4	23.0	23.7	23.1	23.6	24.2	24.9	24.2	24.7	25.3	26.1
	HI PR	196	211	222	232	223	240	253	264	254	273	288	300	285	307	324	338	315	339	358	373
	LOPR	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95
80	MBh	55.8	57.0	60.9	65.1	54.5	55.6	59.5	63.6	53.1	54.3	58.0	62.0	50.5	51.6	55.1	58.9	46.8	47.8	51.0	54.6
	S/T	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59
	AMPS	19.8	20.2	20.7	21.2	21.1	21.5	22.0	22.7	22.2	22.6	23.2	23.9	23.3	23.7	24.4	25.1	24.4	24.9	25.5	26.3
	HI PR	198	213	225	234	225	242	255	266	256	276	291	304	288	310	327	341	318	343	362	377
	LOPR	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96
85	MBh	56.8	57.9	60.6	64.6	55.4	56.5	59.2	63.1	54.1	55.1	57.7	61.6	51.4	52.3	54.8	58.5	47.6	48.5	50.8	54.2
	S/T	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
	AMPS	19.9	20.3	20.8	21.4	21.2	21.6	22.2	22.8	22.3	22.8	23.4	24.1	23.5	23.9	24.6	25.3	24.6	25.1	25.7	26.5
	HI PR	200	215	227	237	227	244	258	269	259	278	294	307	291	313	331	34.5	321	346	365	381
	LOPR	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97

Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for wet coil)					External Static Press (Inch Water Column)					1113081 2-29-00	
					Speed Tap		0.2	0.3	0.4		0.5
					High		2050	2000	1990		1980
					Med High		1960	1900	1880		1800
					Med.		1920	1840	1790		1720
					Low		1820	1760	1700	1620	

MODEL		PGS060L140	
Voltage/Ph/Hz		460-3-60	
Ampacity		17.9	
Delay Fuse		15	
Max. Fuse		25	
Compressor			
RLA		8.93	
LRA		59.6	
Cond & Evap		Cond	Evap
Type		Fan	Blower
Size/Pitch.		20.3	DD12-12A
Motor -Hp		1/3	1
FLA		.75	6
LRA		2.15	15
RPM		1140	1000
Cap MFD/Volts		5/440	15/370
Hi Pressure			
Lo Pressure			
R-22, oz.			
Operating Chg.		See Rating Plate	
Unit Weight		510	
Heating Data			
Gas Type		NAT.	
Std Input		140	
Std Output		112	
Gas Valve (HSP) HW			
Regulation		SNAP	
Manifold Press.		3.5	
Std Orifice		42	
Pilot Orifice		0.018	
Temp. Rise		40-70	
Ignition Type		HSP	
Fan On/Off		TIME	
Limit Set Max		135	
Heat Antic.		0.58	

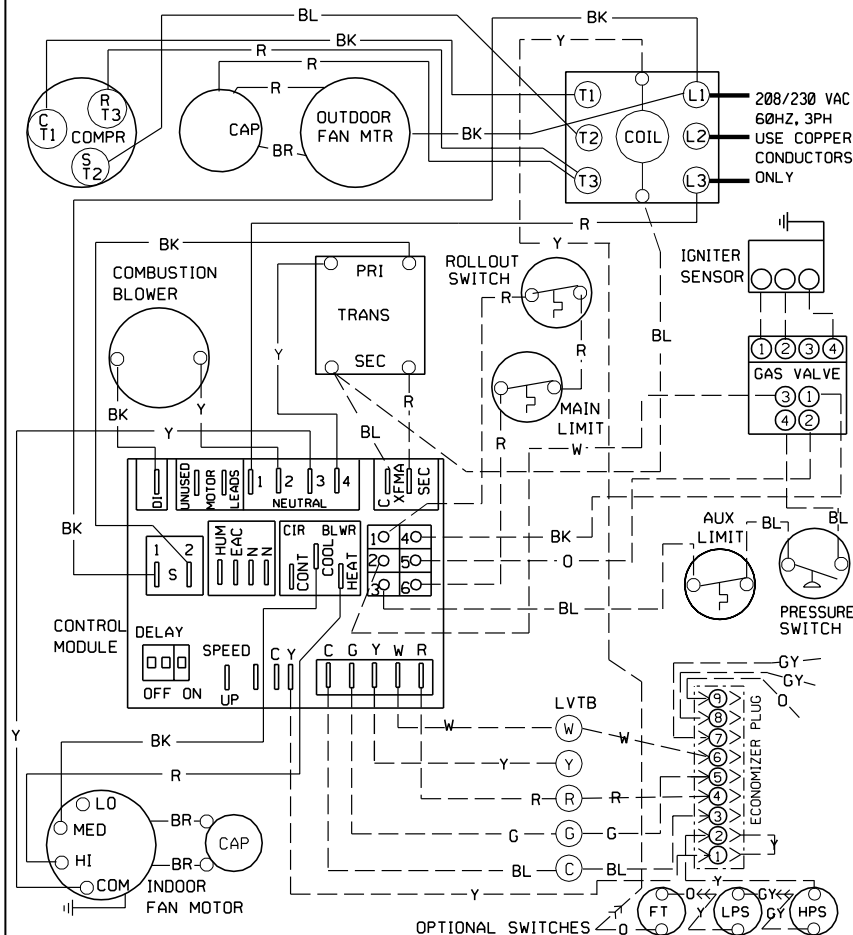
IDB		Outdoor Ambient Temperature - Degrees F. Dry Bulb																															
		75				85				95				105												115							
		Entering Indoor Temperature - Degrees F. Wet Bulb																															
70	MBh	53.9	55.9	61.2	-	52.6	54.5	59.7	-	51.3	53.2	58.3	-	48.8	50.5	55.4	-	45.2	46.8	51.3	-												
	S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-												
	AMPS	9.9	10.0	10.3	-	10.5	10.6	10.9	-	11.0	11.2	11.4	-	11.5	11.7	12.0	-	12.0	12.2	12.5	-												
	HI PR	194	208	220	-	220	237	250	-	251	270	285	-	282	304	321	-	312	336	354	-												
	LOPR	64	68	75	-	67	71	77	-	70	75	81	-	73	78	85	-	76	81	88	-												
75	MBh	54.8	56.4	61.1	65.6	53.5	55.1	59.6	64.0	52.2	53.7	58.2	62.4	49.6	51.1	55.3	59.3	45.9	47.3	51.2	54.9												
	S/T	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41												
	AMPS	9.9	10.1	10.3	10.6	10.5	10.7	11.0	11.3	11.0	11.2	11.5	11.8	11.6	11.8	12.1	12.4	12.1	12.3	12.6	13.0												
	HI PR	196	211	222	232	223	240	253	264	254	273	288	300	285	307	324	338	315	339	358	373												
	LOPR	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95												
80	MBh	55.8	57.0	60.9	65.1	54.5	55.6	59.5	63.6	53.1	54.3	58.0	62.0	50.5	51.6	55.1	58.9	46.8	47.8	51.0	54.6												
	S/T	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59												
	AMPS	10.0	10.2	10.4	10.7	10.6	10.8	11.0	11.3	11.1	11.3	11.6	11.9	11.6	11.9	12.2	12.5	12.2	12.4	12.7	13.1												
	HI PR	198	213	225	234	225	242	255	266	256	276	291	304	288	310	327	341	318	343	362	377												
	LOPR	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96												
85	MBh	56.8	57.9	60.6	64.6	55.4	56.5	59.2	63.1	54.1	55.1	57.7	61.6	51.4	52.3	54.8	58.5	47.6	48.5	50.8	54.2												
	S/T	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76												
	AMPS	10.0	10.2	10.5	10.7	10.7	10.9	11.1	11.4	11.2	11.4	11.7	12.0	11.7	11.9	12.2	12.6	12.3	12.5	12.8	13.2												
	HI PR	200	215	227	237	227	244	258	269	259	278	294	307	291	313	331	345	321	346	365	381												
	LOPR	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97												
Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for wet coil)										External Static Press (Inch Water Column)								1113084 2-29-00															
										Speed Tap				0.2								0.3				0.4				0.5			
										High				2050								2000				1990				1980			
										Med High				1960								1900				1880				1800			
										Med.				1920								1840				1790				1720			
										Low				1820				1760				1700				1620							

MODEL				PGS060S140																					
Voltage/Ph/Hz 575/3/60				IDB		Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
Ampacity						75				85				95				105				115			
Max. Fuse						Entering Indoor Temperature - Degrees F. Wet Bulb																			
Compressor				70	MBh	53.9	55.9	61.2	-	52.6	54.5	59.7	-	51.3	53.2	58.3	-	48.8	50.5	55.4	-	45.2	46.8	51.3	-
RLA					S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
LRA					AMPS	7.9	8.0	8.2	-	8.4	8.5	8.7	-	8.8	9.0	9.2	-	9.2	9.4	9.6	-	9.6	9.8	10.0	-
Cond & Evap					HI PR	194	208	220	-	220	237	250	-	251	270	285	-	282	304	321	-	312	336	354	-
Type Fan Blower					LOPR	64	68	75	-	67	71	77	-	70	75	81	-	73	78	85	-	76	81	88	-
Size/Pitch. DD11-9A				75	MBh	54.8	56.4	61.1	65.6	53.5	55.1	59.6	64.0	52.2	53.7	58.2	62.4	49.6	51.1	55.3	59.3	45.9	47.3	51.2	54.9
Motor -Hp 1/2					S/T	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
FLA 2					AMPS	8.0	8.1	8.3	8.5	8.4	8.6	8.8	9.0	8.9	9.0	9.2	9.5	9.3	9.4	9.7	10.0	9.7	9.9	10.1	10.4
LRA 4.15					HI PR	196	211	222	232	223	240	253	264	254	273	288	300	285	307	324	338	315	339	358	373
RPM 1140 1000					LOPR	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95
Cap MFD/Volts 5/440 15/370				80	MBh	55.8	57.0	60.9	65.1	54.5	55.6	59.5	63.6	53.1	54.3	58.0	62.0	50.5	51.6	55.1	58.9	46.8	47.8	51.0	54.6
Hi Pressure					S/T	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59
Lo Pressure					AMPS	8.0	8.1	8.3	8.6	8.5	8.6	8.9	9.1	8.9	9.1	9.3	9.6	9.3	9.5	9.7	10.0	9.8	9.9	10.2	10.5
R-22, oz.					HI PR	198	213	225	234	225	242	255	266	256	276	291	304	288	310	327	341	318	343	362	377
Operating Chg. See Rating Plate					LOPR	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96
Unit Weight				85	MBh	56.8	57.9	60.6	64.6	55.4	56.5	59.2	63.1	54.1	55.1	57.7	61.6	51.4	52.3	54.8	58.5	47.6	48.5	50.8	54.2
Heating Data					S/T	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
Gas Type NAT.					AMPS	8.1	8.2	8.4	8.6	8.6	8.7	8.9	9.2	9.0	9.1	9.4	9.6	9.4	9.6	9.8	10.1	9.8	10.0	10.3	10.6
Std Input					HI PR	200	215	227	237	227	244	258	269	259	278	294	307	291	313	331	345	321	346	365	381
Std Output					LOPR	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97
Gas Valve (HSP) HW				Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for wet coil)																					
Regulation SNAP				External Static Press (Inch Water Column)																					
Manifold Press. 3.5				Speed Tap		0.2	0.3	0.4	0.5																
Std Orifice				High		2050	2000	1990	1980																
Pilot Orifice																									
Temp. Rise																									
Ignition Type HSP																									
Fan On/Off TIME																									
Limit Set Max																									
Heat Antic. 0.58																									
</																									

208/230 VOLT - ALL MODELS

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

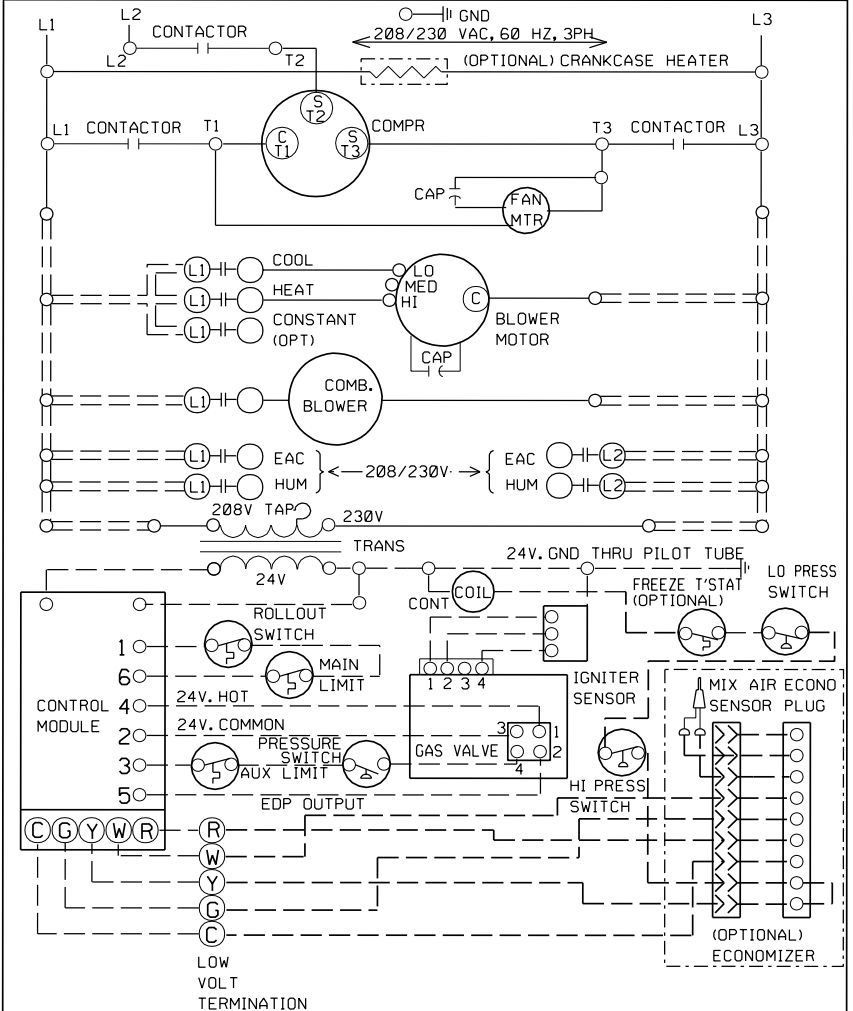
— LINE VOLTAGE FACTORY — LOW VOLTAGE FACTORY — INTERNAL CIRCUIT
— LINE VOLTAGE FIELD — LOW VOLTAGE FIELD BOARD WIRING

COLOR CODE:	GREEN ORANGE	G O	BLACK BLUE	BK BL	BROWN GRAY	BR GY	RED VIOLET	R V	WHITE YELLOW	W Y
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1098016-A

LADDER WIRING DIAGRAM

DANGER: ELECTRICAL SHOCK HAZARD DISCONNECT POWER BEFORE SERVICING

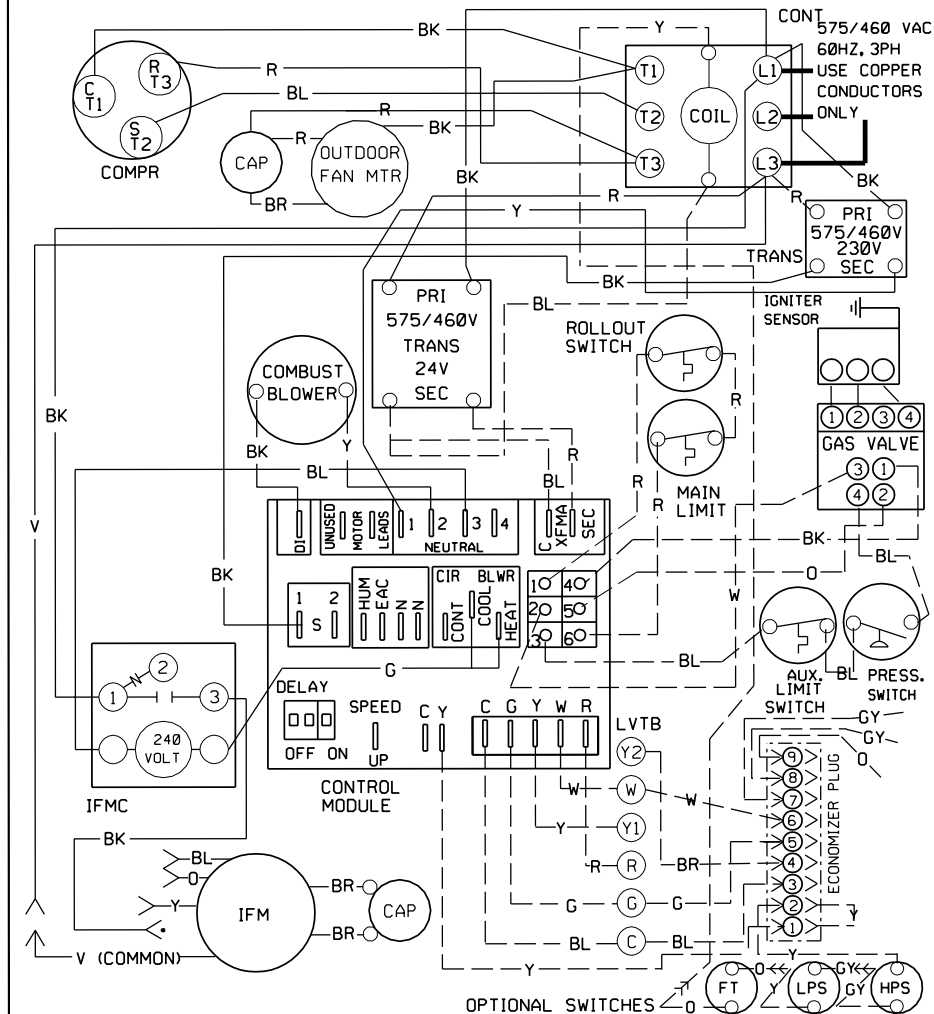


1098017

460, 575 VOLT - ALL MODELS

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	BK	GREEN	G	WHITE	W
— LINE VOLTAGE FIELD		BLUE	BL	ORANGE	O	YELLOW	Y
— LOW VOLTAGE FACTORY		BROWN	BR	RED	R		
— LOW VOLTAGE FIELD		GRAY	GY	VIOLET	V		
== INTERNAL CIR BRD WIRING							

LADDER WIRING DIAGRAM

DANGER: ELECTRICAL SHOCK HAZARD DISCONNECT POWER BEFORE SERVICING

