

Parts List

Tech Labels & Wiring Diagrams

Models

Single Phase

PGS024K060

PGS030K080

PGS036K100

PGS042K100

PGS048K120

PGS060K140

These Units Feature Stainless
Steel Heat Exchangers

Package Gas-Electric Combination Units

Manufactured by:
International Comfort Products
Lewisburg, TN USA 37091

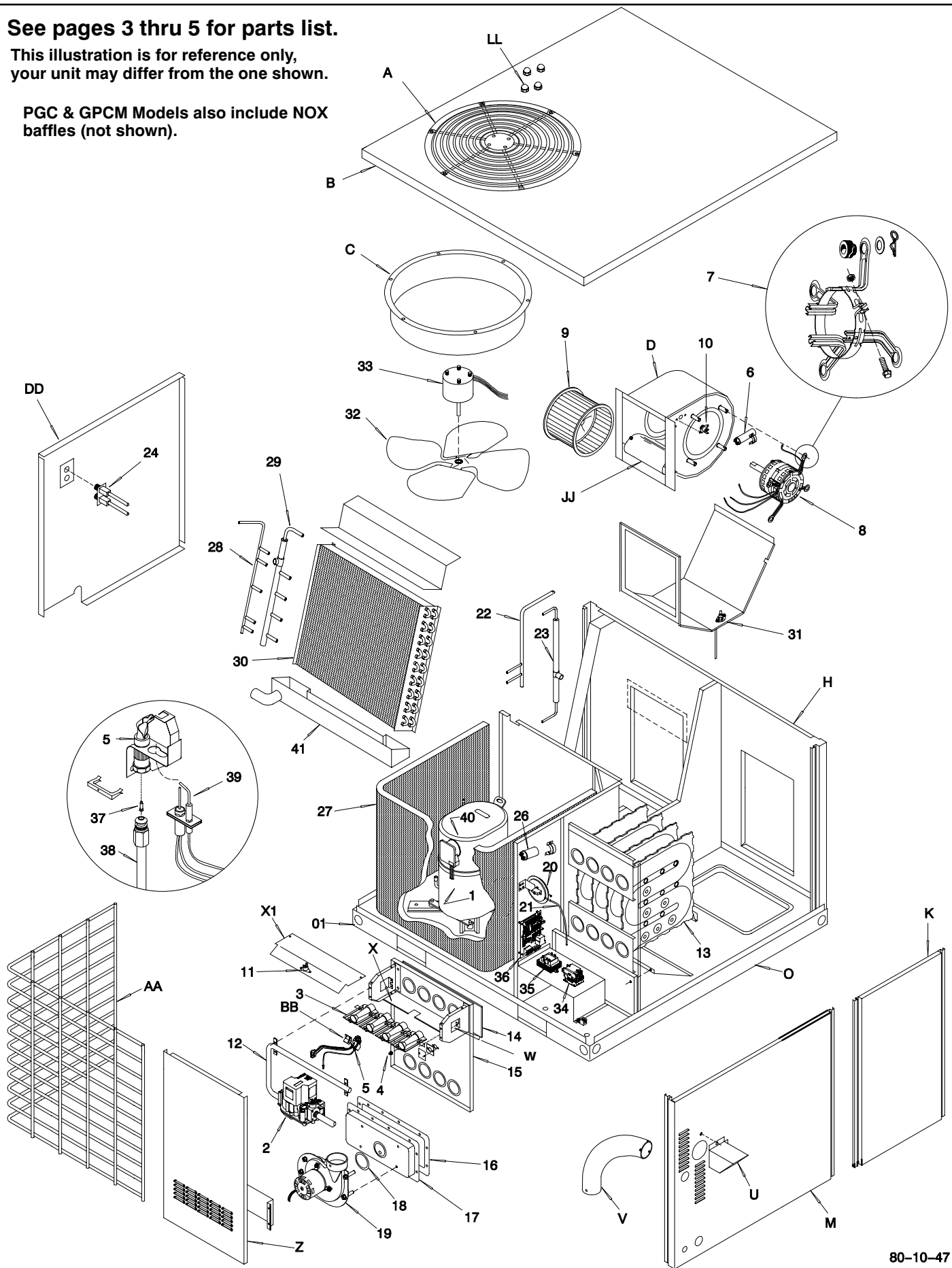
Save This Manual For Future Reference

462 04 1401 00
2-15-00 LP-1

See pages 3 thru 5 for parts list.

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

PGC & GPCM Models also include NOX
baffles (not shown).



80-10-47

KEY NO.	DESCRIPTION	PART NUMBER	PGS024K060A	PGS030K080A	PGS036K100A	PGS042K100A	PGS048K120A	PGS060K140A
1	Compressor CR22KFPPFV	1082716	1					
1	CR28KFPPFV	1082717	*	1				
1	CR32KFPPFV	1082718	*	*	1			
1	CR38K6PFV	1082719	*	*	*	1		
1	CR42K6PFV	1084516	*	*	*	*	1	
1	ZR57KCPFV	1084519	*	*	*	*	*	1
2	Valve, Gas (Nat. & L.P.)	1011421	1	1	1	1	1	1
3	Burner Assembly 3-Section	1008724	1	1				
3	4-Section	1008725	*	*	1	1		
3	5-Section	1008726	*	*	*	*	1	
3	6-Section	1009179	*	*	*	*	*	1
4	Orifice, Burner Nat. Gas (No. 45)	1011353	3					
4	Nat. Gas (No. 41)	1096942	*	3				
4	Nat. Gas (No. 42)	1011351	*	*	4	4	5	6
5	Burner, Pilot/Ign/Sen (Nat. & L.P.)	1008731	1	1	1	1	1	1
6	Capacitor, 5Mfd.,370Volt	1094954	1					
6	10Mfd.,370Volt	1094956	*	1				
6	15Mfd.,370Volt	1094959	*	*	1		1	
6	20Mfd.,440Volt	1094968	*	*	*	1	*	1
7	Mount, Blower Motor Kit	1095236	1	1				
7		1002804	*	*	1	1	1	1
8	Motor, Blower 1/4Hp	1083043	1					
8	1/2Hp	1083045	*	1				
8	1/2Hp	1065279	*	*	1		1	
8	1Hp	1054586	*	*	*	1	*	1
9	Wheel, Blower 10-6DD	611795	1					
9	10-8DD	600587	*	1				
9	11-9DD	1065361	*	*	1	1		
9	11-11DD	1054593	*	*	*	*	1	
9	12-12DD	1098091	*	*	*	*	*	1
10	Switch, Limit (Auxiliary) 130	1000735	1	1	1	1	1	1
11	Switch, Limit (Rollout) 300F	1005549	1	1	1	1	1	1
12	Manifold Gas 3-Section	1084113	1	1				
12	4-Section	1084114	*	*	1	1		
12	5-Section	1084115	*	*	*	*	1	
12	6-Section	1084116	*	*	*	*	*	1
13	Heat Exchanger, 3-Section	1008877	1	1				
13	Heat Exchanger, 4-Section	1008878	*	*	1	1		
13	Heat Exchanger, 5-Section	1008879	*	*	*	*	1	
13	Heat Exchanger, 6-Section	231010106	*	*	*	*	*	1
14	Gasket, Heat Exchanger	2480905	2	2				
14		2480906	*	*	2	2		
14		2480907	*	*	*	*	2	
14		2480908	*	*	*	*	*	2
15	Partition, Heat Exchanger Front	1012410	1	1				
15		1008072	*	*	1	1		
15		1012411	*	*	*	*	1	
15		1008074	*	*	*	*	*	1

KEY NO.	DESCRIPTION	PART NUMBER	PGS024K060A	PGS030K080A	PGS036K100A	PGS042K100A	PGS048K120A	PGS060K140A
16	Gasket, Collector Box	1093661	1	1				
16		1093662	*	*	1	1		
16		1093663	*	*	*	*	1	1
17	Box, Collector	1011046	1					
17		1085424	*	1				
17		1085402	*	*	1	1		
17		1084213	*	*	*	*	1	
17		1011057	*	*	*	*	*	1
18	Gasket, Blower	1011379	1	1	1	1	1	1
19	Blower, Exhaust	1085571	1	1	1	1	1	1
20	Switch, Vent Pressure	1085570	1	1	1	1	1	1
21	Tube, Sensor	610290	1	1	1	1	1	1
22	Manifold, Condenser (Discharge)	1085555	1					
22		1097653	*	1	1	1		
22		1097654	*	*	*	*	1	1
23	Manifold, Condenser (Liquid)	1085459	1					
23		1085462	*	*	*	*	1	
23		1098348	*	*	*	*	*	1
24	Port Valve Assembly	1083939	1	1	1	1	1	1
26	Capacitor, 30+3Mfd.,370Volt	1082631	1					
26	35+3Mfd.,370Volt	1082632	*	1				
26	35+5Mfd.,440Volt	1094984	*	*	1			
26	40+5Mfd.,440Volt	1094987	*	*	*	1	1	
26	60+5Mfd.,370Volt	1095025	*	*	*	*	*	1
27	Coil, Condenser	1085549	1					
27		1096940	*	1				
27		1085550	*	*	1			
27		1098081	*	*	*	1		
27		1085553	*	*	*	*	1	
27		1085552	*	*	*	*	*	1
28	Manifold, Evaporator (Liquid)	1085442	1					
28		1085443	*	1				
28		1085444	*	*	1			
28		1097857	*	*	*	1		
28		1085446	*	*	*	*	1	
28		1085559	*	*	*	*	*	1
29	Manifold, Evaporator (Suction)	1085448	1	1				
29		1085450	*	*	1	1		
29		1085452	*	*	*	*	1	
29		1085560	*	*	*	*	*	1
30	Coil, Evaporator	1085449	1					
30		1085425	*	1				
30		1085426	*	*	1			
30		1097856	*	*	*	1		
30		1085428	*	*	*	*	1	
30		1085556	*	*	*	*	*	1
31	Switch, Limit (Blower Deck) 160F	34335000	1	1	1	1	1	1
32	Fan, Condenser	1096903	1	1				
32		1096902	*	*	1	1	1	1
33	Motor, Condenser Fan, 230V 1/5 HP	1085925	1	1				
33	230V 1/3 HP	1085926	*	*	1	1	1	1
34	Contactor 25 Amp.	1050699	1	1	1	1		
34	35 Amp	1050839	*	*	*	*	1	
34	40 Amp	1059574	*	*	*	*	*	1
35	Transformer	1082611	1	1	1	1	1	1
36	Timer, Fan	1084197	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
39	Ignitor & Sensor	1009524	1	1	1	1	1	1
40	Plug, Compressor Harness	1097674	1	1	1	1		
40		1096953	*	*	*	*	1	
40		1097526	*	*	*	*	*	1
41	Pan, Drain	1098037	1	1	1	1	1	1

KEY NO.	DESCRIPTION	PART NUMBER	PGS024K060A	PGS030K080A	PGS036K100A	PGS042K100A	PGS048K120A	PGS060K140A
A	Grille, Outlet	1084490	1	1	1	1	1	1
AA	Grille, Inlet	1084255	1	1	1	1		
AA		1084268	*	*	*	*	1	1
B	Panel, Top	1084120	1	1	1	1		
B		1084141	*	*	*	*	1	1
BB	Bracket, Pilot	1010901	1	1	1	1	1	1
C	Orifice, Condenser Fan	1065724	1	1	1	1	1	1
D	Housing, Blower	1099401	1					
D		1099402	*	1				
D		1099239	*	*	1	1		
D		1099242	*	*	*	*	1	
D		1099244	*	*	*	*	*	1
DD	Panel, Compressor Access	1098763	1	1	1	1		
DD		1098764	*	*	*	*	1	1
H	Panel, Rear	1084104	1	1	1	1		
H		1096956	*	*	*	*	1	1
JJ	Panel, Blower Cutoff	611796	1					
JJ		95143	*	1				
JJ		1066448	*	*	1	1		
JJ		1096901	*	*	*	*	1	
JJ		1098556	*	*	*	*	*	1
K	Panel, Blower Access	1098765	1	1	1	1		
K		1098766	*	*	*	*	1	1
LL	Nut, Cap	1067902	4	4	4	4	4	4
M	Post, Corner (Heating)	1098759	1	1	1	1		
M		1098760	*	*	*	*	1	1
O	Rail, Base (Front & Rear)	1098868	2	2	2	2		
O		1098869	*	*	*	*	2	2
O1	Rail, Base (End)	1098870	2	2	2	2	2	2
OO	Baffle, Nox	**1009876	3	3	4	4	5	6
SS	Rod, Flue Vent	1096969	1	1	1	1	1	1
U	Cover, Vent	1096970	1	1	1	1	1	1
V	Elbow, Exhaust Blower 90	1096959	1	1	1	1		
V		1084138	*	*	*	*	1	1
W	Bracket, Manifold Support	1011820	2	2	2	2	2	2
X	Shield, Burner Bottom	1084201	1	1				
X		1084203	*	*	1	1		
X		1084205	*	*	*	*	1	
X		1084207	*	*	*	*	*	1
X1	Shield, Burner Top	1084200	1	1				
X1		1084202	*	*	1	1		
X1		1084204	*	*	*	*	1	
X1		1084206	*	*	*	*	*	1
Z	Panel, Access Heating	1084134	1	1	1	1		
Z		1084150	*	*	*	*	1	1
))(	Gas Conversion Kit (Nat. to L.P.)	1097389	1					
))(		1160991	*	1	1	1	1	1
))(	Gas Conversion Kit (L.P. to Nat.)	1098574	1					
))(		1098575	*	1	1	1	1	1

Technical Labels

Style No:		PGS024K060			Outdoor Ambient Temperature - Degrees F. Dry Bulb																				
						75				85				95				105				115			
						Entering Indoor Temperature - Degrees F. Wet Bulb																			
Voltage	208 / 230	Gas Type	NAT	IDB																					
Phase	1	Std Input	60																						
Ampacity	16	Low Fire Input	-																						
		Std Output	48																						
Delay Fuse	20	Low Fire Output	-	70	MBh	22.1	22.9	25.1	-	21.6	22.4	24.5	-	21.1	21.8	23.9	-	20.0	20.7	22.7	-	18.5	19.2	21.0	-
Max. Fuse	25	Gas Valve (HSP)	HW		S/T	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
Compressor	COPELAND	Regulation	SNAP		AMPS	10.3	10.5	10.8	-	11.1	11.3	11.6	-	11.7	12.0	12.3	-	12.4	12.6	13.0	-	13.0	13.3	13.7	-
RLA	10.5	Manifold Press	3.5	75	HI PR	188	202	213	-	214	230	243	-	243	262	276	-	274	294	311	-	302	325	344	-
LRA	56	Std orifice	45		LO PR	63	67	74	-	66	70	77	-	69	74	80	-	73	77	84	-	75	80	87	-
Cap MFD/V	30 / 370	Low Fire Orifice	-		MBh	22.5	23.2	25.1	26.9	22.0	22.6	24.5	26.3	21.4	22.1	23.9	25.6	20.3	21.0	22.7	24.3	18.8	19.4	21.0	22.5
CC Heater		Pilot Orifice	0.00048	80	S/T	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
Start Kit	NAMA001SC	Temp Rise	30 - 60		AMPS	10.4	10.6	10.9	11.3	11.2	11.4	11.7	12.1	11.8	12.1	12.4	12.8	12.5	12.7	13.1	13.5	13.1	13.4	13.8	14.2
Cond & Evap	Cond	Evap	HSP		HI PR	190	204	216	225	216	232	245	256	246	264	279	291	276	297	314	328	305	329	347	362
Type	Fan	Blower	Fan On/Off	85	LO PR	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94
Size	20	DD10-6A	Limit Set Max		MBh	22.9	23.4	25.0	26.7	22.3	22.8	24.4	26.1	21.8	22.3	23.8	25.4	20.7	21.2	22.6	24.2	19.2	19.6	20.9	22.4
Motor-HP	1/5	1/4	Heat Antic		S/T	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.59
Type	PSC	PSC		85	AMPS	10.5	10.7	11.0	11.3	11.3	11.5	11.8	12.2	11.9	12.2	12.5	12.9	12.6	12.8	13.2	13.6	13.2	13.5	13.9	14.3
FLA	0.65	2.2			HI PR	192	206	218	227	218	234	248	258	248	267	282	294	279	300	317	331	308	332	351	366
LRA	2.3	4.1			LO PR	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	81	89	95
RPM	1145	1050		85	MBh	23.3	23.7	24.9	26.5	22.7	23.2	24.3	25.9	22.2	22.6	23.7	25.3	21.1	21.5	22.5	24.0	19.5	19.9	20.8	22.2
Cap MFD/V	3/370	5/370			S/T	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77
					AMPS	10.6	10.8	11.1	11.4	11.3	11.6	11.9	12.3	12.0	12.2	12.6	13.0	12.7	12.9	13.3	13.7	13.3	13.6	14.0	14.5
PTCR				85	HI PR	193	208	220	229	220	237	250	261	251	270	285	297	282	303	320	334	312	335	354	369
Hi Press					LO PR	65	69	76	81	68	72	79	84	71	76	83	88	75	80	87	92	77	82	90	96
Low Press					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)*	56			Speed Tap		0.2	0.3	0.4	0.5																
Service Driers				HI		900	880	860	840																
Liquid/Chg	8 Cu In / 7 oz																								
Suction	30 Sq In			MD		650	630	610	590																
Unit Weight	360			LO		500	480	460	440																

1113073
2/29/00

Style No: PGS030K080			Outdoor Ambient Temperature - Degrees F. Dry Bulb																								
			75				85				95				105				115								
			Entering Indoor Temperature - Degrees F. Wet Bulb																								
Voltage	208 / 230	Gas Type	NAT	IDB	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71			
Phase	1	Std Input	80																								
Ampacity	21.5	Low Fire Input	-																								
		Std Output	64																								
Delay Fuse	25	Low Fire Output	-	70	MBh	26.8	27.7	30.4	-	26.1	27.1	29.7	-	25.5	26.4	28.9	-	24.2	25.1	27.5	-	22.4	23.2	25.5	-		
Max. Fuse	35				S/T	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-		
		Gas Valve (HSP)	HW <td>AMPS</td> <td>12.8</td> <td>13.0</td> <td>13.4</td> <td>-</td> <td>13.7</td> <td>14.0</td> <td>14.4</td> <td>-</td> <td>14.6</td> <td>14.9</td> <td>15.3</td> <td>-</td> <td>15.4</td> <td>15.8</td> <td>16.2</td> <td>-</td> <td>16.2</td> <td>16.6</td> <td>17.1</td> <td>-</td>		AMPS	12.8	13.0	13.4	-	13.7	14.0	14.4	-	14.6	14.9	15.3	-	15.4	15.8	16.2	-	16.2	16.6	17.1	-		
Compressor	COPELAND	Regulation	SNAP	75	HI PR	187	201	213	-	213	229	242	-	242	261	275	-	273	293	310	-	301	324	342	-		
RLA	13.7	Manifold Press	3.5 <td>LO PR</td> <td>61</td> <td>65</td> <td>71</td> <td>-</td> <td>63</td> <td>68</td> <td>74</td> <td>-</td> <td>67</td> <td>71</td> <td>77</td> <td>-</td> <td>70</td> <td>74</td> <td>81</td> <td>-</td> <td>72</td> <td>77</td> <td>84</td> <td>-</td>		LO PR	61	65	71	-	63	68	74	-	67	71	77	-	70	74	81	-	72	77	84	-		
LRA	75	Std orifice	45 <td>MBh</td> <td>27.2</td> <td>28.0</td> <td>30.3</td> <td>32.6</td> <td>26.6</td> <td>27.4</td> <td>29.6</td> <td>31.8</td> <td>25.9</td> <td>26.7</td> <td>28.9</td> <td>31.0</td> <td>24.6</td> <td>25.4</td> <td>27.4</td> <td>29.5</td> <td>22.8</td> <td>23.5</td> <td>25.4</td> <td>27.3</td>		MBh	27.2	28.0	30.3	32.6	26.6	27.4	29.6	31.8	25.9	26.7	28.9	31.0	24.6	25.4	27.4	29.5	22.8	23.5	25.4	27.3		
Cap MFD/V	35 / 370	Low Fire Orifice	-	75	S/T	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41		
CC Heater		Pilot Orifice	0.018 <td>AMPS</td> <td>12.9</td> <td>13.1</td> <td>13.5</td> <td>14.0</td> <td>13.9</td> <td>14.2</td> <td>14.6</td> <td>15.1</td> <td>14.7</td> <td>15.0</td> <td>15.5</td> <td>16.0</td> <td>15.5</td> <td>15.9</td> <td>16.4</td> <td>16.9</td> <td>16.4</td> <td>16.7</td> <td>17.3</td> <td>17.9</td>		AMPS	12.9	13.1	13.5	14.0	13.9	14.2	14.6	15.1	14.7	15.0	15.5	16.0	15.5	15.9	16.4	16.9	16.4	16.7	17.3	17.9		
Start Kit	NAMA001SC	Temp Rise	30 - 60 <td>HI PR</td> <td>189</td> <td>203</td> <td>215</td> <td>224</td> <td>215</td> <td>231</td> <td>244</td> <td>255</td> <td>245</td> <td>263</td> <td>278</td> <td>290</td> <td>275</td> <td>296</td> <td>313</td> <td>326</td> <td>304</td> <td>327</td> <td>346</td> <td>361</td>		HI PR	189	203	215	224	215	231	244	255	245	263	278	290	275	296	313	326	304	327	346	361		
Cond & Evap	Cond	Evap	HSP	80	LO PR	62	66	72	76	64	68	74	79	67	72	78	83	71	75	82	87	73	78	85	90		
Type	Fan	Blower	TIME		MBh	27.7	28.3	30.2	32.3	27.0	27.6	29.5	31.6	26.4	27.0	28.8	30.8	25.1	25.6	27.4	29.2	23.2	23.7	25.3	27.1		
Size	20	DD10-8A	135		S/T	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.59		
Motor-HP	1/5	1/2	0.58	85	AMPS	13.0	13.3	13.6	14.1	14.0	14.3	14.7	15.2	14.8	15.1	15.6	16.1	15.7	16.0	16.5	17.1	16.5	16.9	17.4	18.0		
Type	PSC	PSC			HI PR	191	205	217	226	217	234	247	257	247	266	281	293	278	299	316	330	307	331	349	364		
FLA	1.3	3.1			LO PR	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	86	91		
LRA	2.3	6.8		85	MBh	28.2	28.7	30.1	32.1	27.5	28.0	29.4	31.3	26.8	27.4	28.7	30.6	25.5	26.0	27.2	29.0	23.6	24.1	25.2	26.9		
RPM	1135	1100			S/T	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77		
Cap MFD/V	3/370	5/370			AMPS	13.1	13.4	13.7	14.2	14.1	14.4	14.8	15.3	14.9	15.3	15.7	16.3	15.8	16.2	16.6	17.2	16.7	17.0	17.6	18.2		
PTCR				85	HI PR	193	207	219	229	219	236	249	260	250	269	284	296	281	302	319	333	310	334	353	368		
Hi Press					LO PR	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	74	79	86	92		
Low Press					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)*	56			Speed Tap				0.2	0.3	0.4	0.5																
Service Driers				HI				1390	1330	1280	1220																
Liquid/Chg	8 Cu In / 7 oz																										
Suction	30 Sq In			MD				1260	1220	1180	1130																
Unit Weight	365			LO				1000	990	980	950																

1113074
2/29/00

Technical Labels

Style No: PGS036K100				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			
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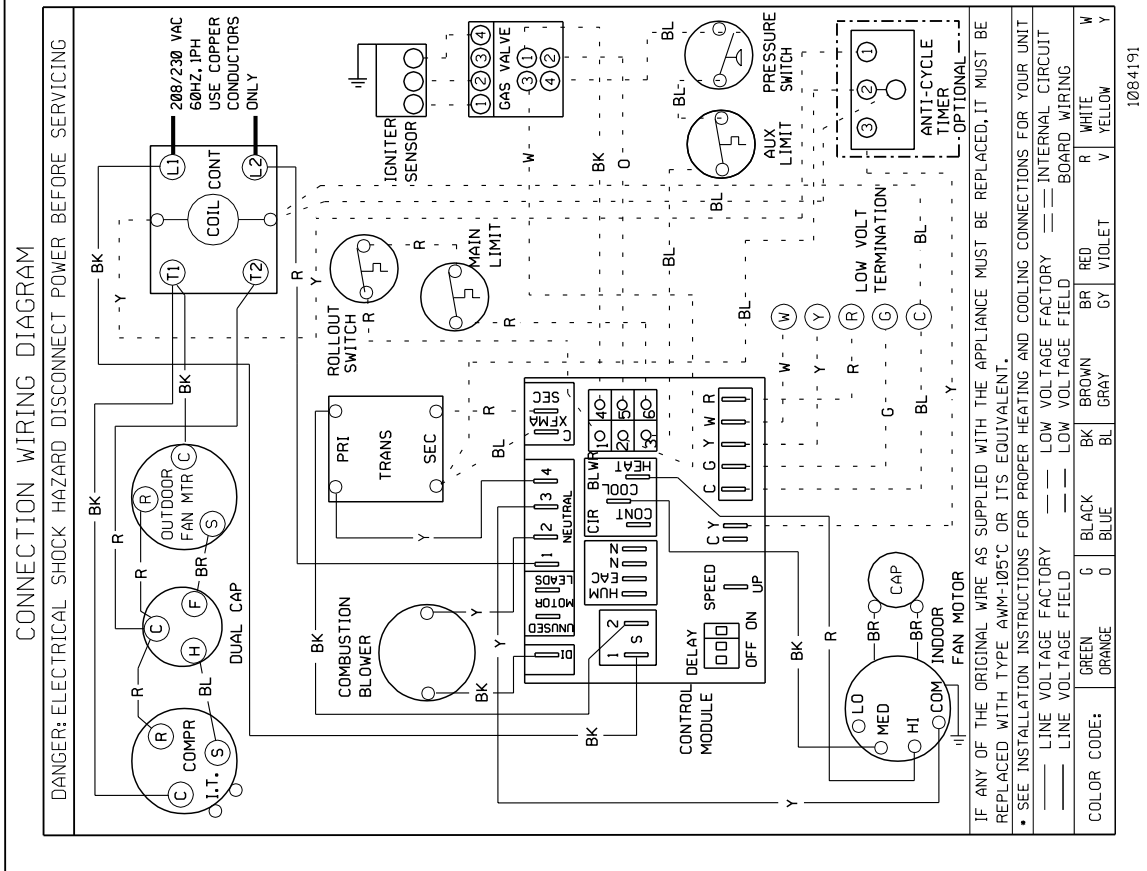
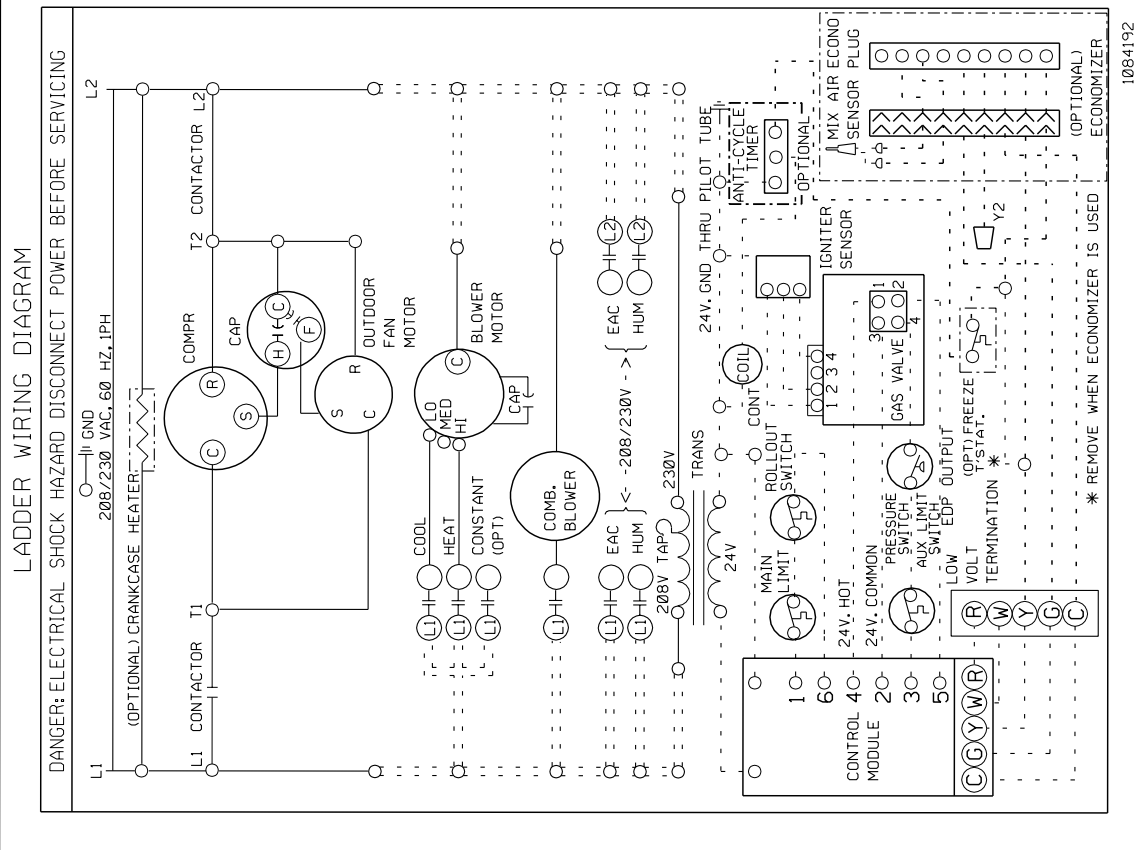
1113075
2/29/00

Style No:			PGS042K100			Outdoor Ambient Temperature - Degrees F. Dry Bulb																			
			Gas Type		NAT	75				85				95				105				115			
Voltage			208 / 230																						
Phase			1																						
Ampacity			28.9																						
			Std Input		100																				
			Low Fire Input		-																				
			Std Output		80																				
Delay Fuse			35																						
Max. Fuse			45																						
Compressor			COPELAND																						
RLA			18.7																						
LRA			105																						
Cap MFD/V			40 / 440																						
CC Heater																									
Start Kit			NAMA001SC																						
Cond & Evap			Cond	Evap																					
Type			Fan	Blower																					
Size			20.3	DD11-9A																					
Motor-HP			1/3	1/2																					
Type			PSC	PSC																					
FLA			1.9	3.6																					
LRA			3.8	7.5																					
RPM			1145	1000																					
Cap MFD/V			5/440	15/370																					
PTCR																									
Hi Press																									
Low Press																									
Operating Chg (No Lines)*			(R-22 Oz)																						
			80																						
Service Driers																									
Liquid/Chg Suction			16 Cu In / 11 oz																						
			30 Sq In																						
Unit Weight			420																						

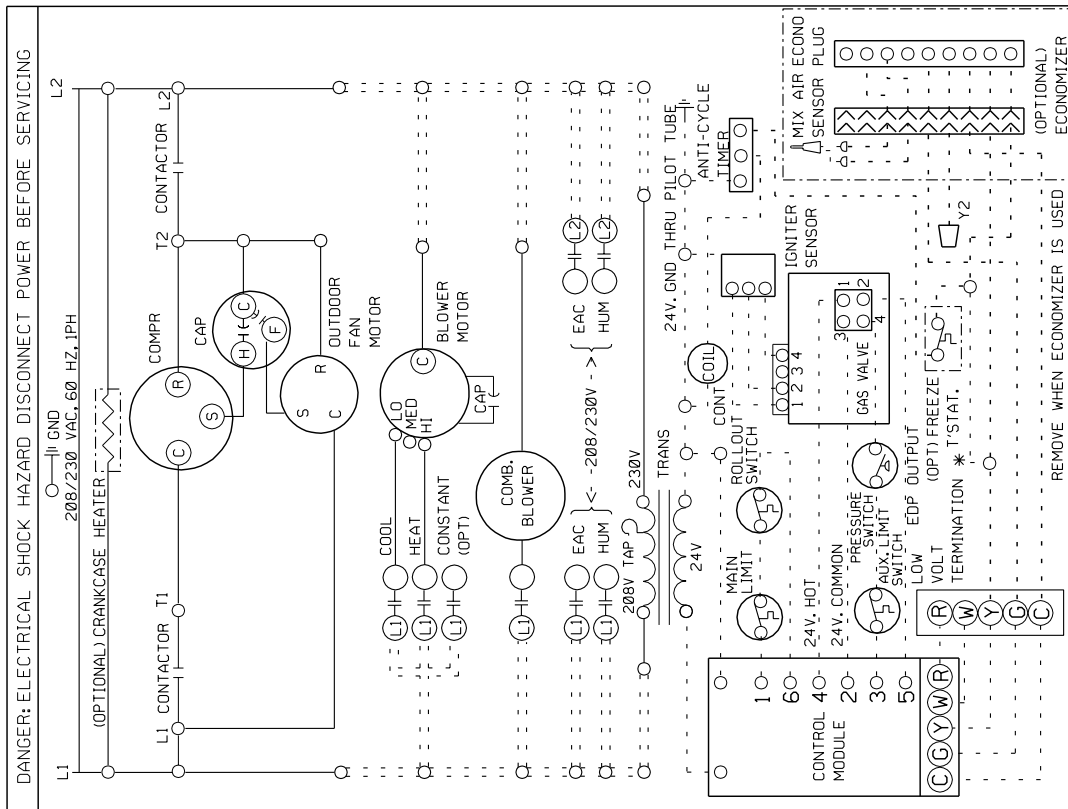
Technical Labels

Style No: PGS048K120			Outdoor Ambient Temperature - Degrees F. Dry Bulb																						
Voltage	208 / 230	Gas Type	NAT	IDB	75				85				95				105				115				
		Entering Indoor Temperature - Degrees F. Wet Bulb																							
Phase	1	Std Input	120		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
Ampacity	29.9	Low Fire Input																							
Delay Fuse	40	Std Output	96	70	MBh	42.4	43.9	48.1	-	41.4	42.9	47.0	-	40.4	41.8	45.8	-	38.3	39.7	43.5	-	35.5	36.8	40.3	-
		Low Fire Output			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	-
Max. Fuse	50	Gas Valve (HSP)	HW	70	AMPS	19.2	19.6	20.1	-	20.5	20.9	21.5	-	21.7	22.1	22.7	-	22.8	23.3	24.0	-	24.0	24.5	25.2	-
Compressor	COPELAND	Regulation	SNAP		HI PR	184	198	210	-	210	226	238	-	239	257	271	-	269	289	305	-	297	320	337	-
		Manifold Press	3.5	LO PR	66	71	77	-	69	73	80	-	73	77	84	-	76	81	88	-	79	84	91	-	
RLA	19.5	Std orifice	42	75	MBh	43.1	44.4	48.0	51.5	42.1	43.3	46.9	50.3	41.0	42.3	45.7	49.1	39.0	40.1	43.4	46.6	36.1	37.2	40.2	43.2
LRA	102	Low Fire Orifice			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
Cap MFD/V	40 / 440	Pilot Orifice	0.018	75	AMPS	19.3	19.7	20.2	20.9	20.7	21.1	21.7	22.4	21.9	22.3	22.9	23.6	23.0	23.5	24.2	24.9	24.2	24.7	25.4	26.2
CC Heater					HI PR	186	200	212	221	212	228	241	251	241	260	274	286	271	292	309	322	300	323	341	356
Start Kit	NAMA001SC	Temp Rise	40-70	80	LO PR	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	85	92	98
Cond & Evap	Cond	Evap	HSP		MBh	43.9	44.8	47.9	51.2	42.8	43.7	46.7	50.0	41.8	42.7	45.6	48.7	39.7	40.5	43.3	46.3	36.8	37.6	40.1	42.9
Type	Fan	Blower	Fan On/Off	TIME	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
Size	20	DD11-11	Limit Set Max	135	AMPS	19.5	19.9	20.4	21.0	20.8	21.3	21.8	22.5	22.0	22.5	23.1	23.8	23.2	23.7	24.4	25.1	24.4	24.9	25.6	26.4
Motor-HP	1/3	1	Heat Antic	0.58	HI PR	188	203	214	223	214	230	243	254	244	262	277	289	274	295	312	325	303	326	344	359
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	1.9	3.6			MBh	44.6	45.5	47.6	50.8	43.6	44.4	46.5	49.6	42.5	43.3	45.4	48.4	40.4	41.2	43.1	46.0	37.4	38.1	39.9	42.6
LRA	3.8	5.1		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	
RPM	1145	1125		AMPS	19.6	20.0	20.5	21.2	21.0	21.4	22.0	22.7	22.2	22.6	23.3	24.0	23.4	23.9	24.5	25.3	24.6	25.1	25.8	26.6	
Cap MFD/V	5/440	15/370		HI PR	190	205	216	225	216	233	246	256	246	265	280	292	277	298	315	328	306	329	348	363	
PTCR				LO PR	69	73	80	85	71	76	83	88	75	80	87	93	78	83	91	97	81	86	94	100	
Hi Press				Air Delivery in CFM - Dry Coil - No Filter (Add .05 static for Wet Coil)																					
Low Press				230 Volt External Static Press (Inch Water Column)																					
Operating Chg (No Lines)*	(R-22 Oz)	102			Speed Tap																				
							0.2	0.3	0.4	0.5															
Service Driers	30 Cu In / 17 oz	30 Sq In				HI	1810	1790	1780	1700															
						MD	1400	1380	1350	1335															
Liquid/Chg Suction							-	-	-	-															
Unit Weight	500					LO	1230	1210	1190	1100															
													1113077 2/29/00												

1-1/2 TO 4 TON

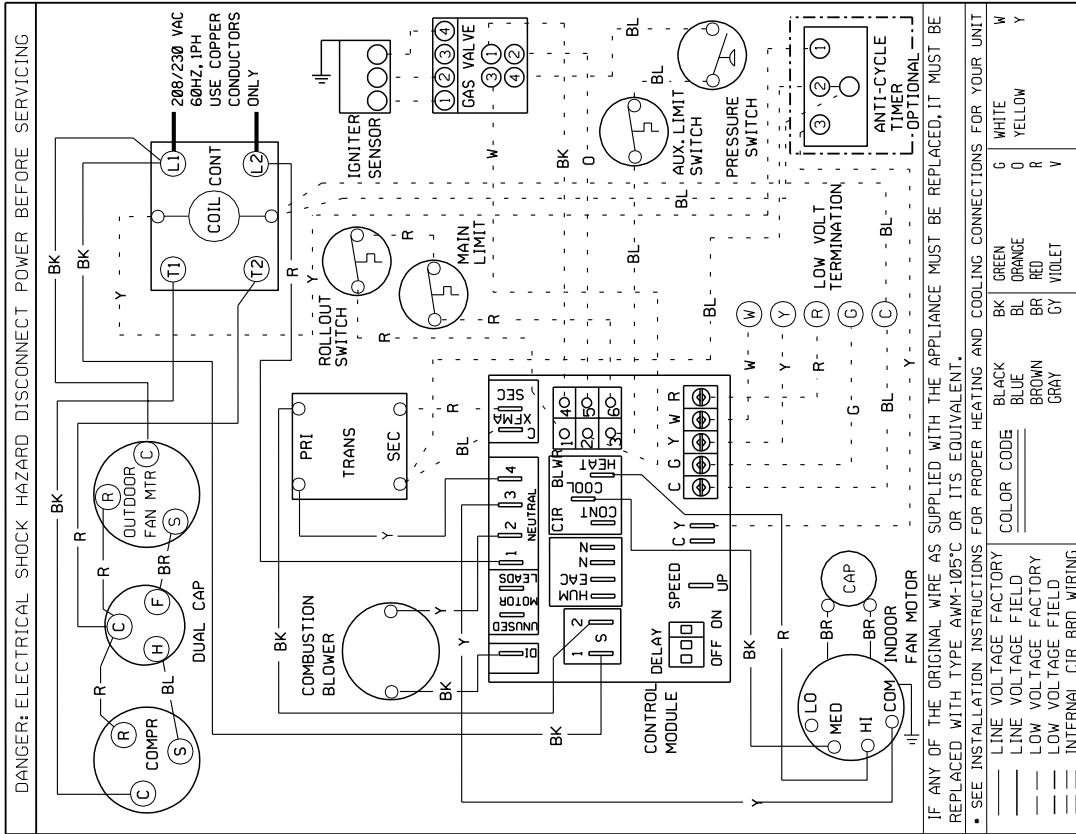


LADDER WIRING DIAGRAM



1084196

CONNECTION WIRING DIAGRAM



1084195