



PACKAGE GAS-ELECTRIC

PGD(24-42)C

SPECIFICATION SHEET

Installer: Affix literature adjacent to the unit.

Specifications					
		PGD24C0452E	PGD24C0702E	PGD24C0902E	PGD30C0702E
COOLING CAPACITY	COOLING CAPACITY,BTUH	25,000	25,000	25,000	29,000
	SEER	13.05	13.05	13.05	13.05
HEATING CAPACITY*	HEATING INPUT BTUH US	46,000	69,000	92,000	69,000
	CANADIAN (0-2000 FT)	46,000	69,000	92,000	69,000
	CANADIAN (0-4500 FT)	46,000	69,000	92,000	69,000
	HEATING OUTPUT BTUH US	36,800	55,200	73,600	55,200
	CANADIAN (0-2000 FT)	36,800	55,200	73,600	55,200
	CANADIAN (0-4500 FT.)	36,800	55,200	73,600	55,200
	AFUE - %	80.0	80.0	80.0	80.0
UNIT ELECTRICAL SPECIFICATION	TEMPERATURE RISE - DEG F	25-55	30-60	45-75	30-60
	VOLTAGE (NAMEPLATE)	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
	UNIT AMPS (TOTAL)	15	15	15	16.9
	MIN CIRCUIT AMPACITY	16.6	16.6	16.6	19.0
HEATING SECTION	MAX OVERCURRENT PROTECTION	25	25	25	30
	NUMBER OF BURNERS	2	3	4	3
	ORIFICE SIZE NATURAL	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	10.3	10.3	10.3	12.2
	LOCKED ROTOR AMPS	56.0	56.0	56.0	61.0
CONDENSER FAN MOTOR	HORSEPOWER	1/5	1/5	1/5	1/5
	RPM	825	825	825	825
	FULL LOAD AMPS	1.3	1.3	1.3	1.3
	LOCKED ROTOR AMPS	2.0	2.0	2.0	2.0
CONDENSER FAN	BLADE DIAMETER / NUMBER	26 IN / 4	22 IN / 4	26 IN / 4	22 IN / 4
	CFM	2500	2500	2500	2500
CONDENSER COIL	FACE AREA - SQ. FT.	10.2	10.2	10.2	10.2
	NUMBER OF ROWS / FINS PER INCH	1/20	1/20	1/20	1/20
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/2 - 4	1/2 - 4	1/2 - 4	1/2 - 4
	LOCKED ROTOR AMPS	5.5	5.5	5.5	5.5
	FULL LOAD AMPS	2.4	2.4	2.4	2.4
	MOTOR SPEED TAP - COOLING	LOW	LOW	LOW	MED-LOW
	RPM/AMPS	800 / 1.2	800 / 1.2	800 / 1.2	870 / 1.5
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10 X 10	10 X 10	10 X 10	10 X 10
	RATED SCFM COOLING	800	800	800	1000
	MAX EXTERNAL STATIC PRESS	.5"wc	.5"wc	.5"wc	.5"wc
EVAPORATOR COIL	FACE AREA - SQ. FT.	4.2	4.2	4.2	4.2
	NUMBER OF ROWS / FINS PER INCH	3/14	3/14	3/14	3/14
GENERAL INFORMATION	DRAIN SIZE	3/4 IN	3/4 IN	3/4 IN	3/4 IN
	FILTER SIZE - SQ. FT.	3.0	3.0	3.0	3.5
	EXPANSION DEVICE	EXPAN-VALV	EXPAN-VALV	EXPAN-VALV	EXPAN-VALV
	REFRIGERANT CHARGE R-22 (OZ.)	74	74	74	74
	POWER SUPPLY ENTRANCE SIZE	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4
	LOW VOLTAGE ENTRANCE SIZE	1/2"	1/2"	1/2"	1/2"
	SHIPPING WEIGHT (LBS.)	404	410	416	410
	OPERATING WEIGHT (LBS.)	389	395	401	395

* Units installed in Canada are certified only to 4500 feet.



Specifications (Cont'd)					
		PGD30C0902E	PGD36C0702E	PGD36C0902E	PGD42C0902E
COOLING CAPACITY	COOLING CAPACITY,BTUH	29,000	35,800	35,800	41,000
	SEER	13.05	13.05	13.05	13.05
HEATING CAPACITY*	HEATING INPUT BTUH US	92,000	69,000	92,000	92,000
	CANADIAN (0-2000 FT)	92,000	69,000	92,000	92,000
	CANADIAN (0-4500 FT)	92,000	69,000	92,000	92,000
	HEATING OUTPUT BTUH US	73,600	55,200	73,600	73,600
	CANADIAN (0-2000 FT)	73,600	55,200	73,600	73,600
	CANADIAN (0-4500 FT.)	73,600	55,200	73,600	73,600
	AFUE - %	80.0	80.0	80.0	80.0
	TEMPERATURE RISE - DEG F	45-75	30-60	45-75	45-75
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
	UNIT AMPS (TOTAL)	16.9	18.2	18.2	21.3
	MIN CIRCUIT AMPACITY	19.0	20.6	20.6	24.4
	MAX OVERCURRENT PROTECTION	30	30	30	40
HEATING SECTION	NUMBER OF BURNERS	4	3	4	4
	ORIFICE SIZE NATURAL	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55
COMPRESSOR	TYPE	SCROLL -----	SCROLL CSB08A	SCROLL CSB08A	SCROLL CSB08A
	RATED LOAD AMPS	12.2	13.5	13.5	16.5
	LOCKED ROTOR AMPS	61.0	73.0	73.0	95.0
CONDENSER FAN MOTOR	HORSEPOWER	1/5	1/5	1/5	1/5
	RPM	825	825	825	825
	FULL LOAD AMPS	1.3	1.3	1.3	1.3
	LOCKED ROTOR AMPS	2.0	2.0	2.0	2.0
CONDENSER FAN	BLADE DIAMETER / NUMBER	26 IN / 4	22 IN / 4	26 IN / 4	26 IN / 4
	CFM	2500	2500	2500	2500
CONDENSER COIL	FACE AREA - SQ. FT.	10.2	10.2	10.2	10.2
	NUMBER OF ROWS / FINS PER INCH	1/20	2/20	2/20	2/20
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/2 - 4	1/2 - 4	1/2 - 4	1/3 - 2
	LOCKED ROTOR AMPS	5.5	5.5	5.5	4.8
	FULL LOAD AMPS	2.4	2.4	2.4	2.5
	MOTOR SPEED TAP - COOLING	MED-LOW	MED-HI	MED-HI	HIGH
	RPM/AMPS	870 / 1.5	950 / 1.9	950 / 1.9	1050 / 2.3
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10 X 10	10 X 10	10 X 10	10 X 10
	RATED SCFM COOLING	1000	1150	1150	1350
	MAX EXTERNAL STATIC PRESS	.5"wc	.5"wc	.5"wc	.5"wc
EVAPORATOR COIL	FACE AREA - SQ. FT.	4.2	4.2	4.2	4.2
	NUMBER OF ROWS / FINS PER INCH	3/14	4/14	4/14	4/14
GENERAL INFORMATION	DRAIN SIZE	3/4 IN	3/4 IN	3/4 IN	3/4 IN
	FILTER SIZE - SQ. FT.	3.5	4.0	4.0	4.5
	EXPANSION DEVICE	EXPAN-VALV	EXPAN-VALV	EXPAN-VALV	EXPAN-VALV
	REFRIGERANT CHARGE R-22 (OZ.)	74	110	110	120
	POWER SUPPLY ENTRANCE SIZE	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4
	LOW VOLTAGE ENTRANCE SIZE	1/2"	1/2"	1/2"	1/2"
	SHIPPING WEIGHT (LBS.)	416	443	449	449
	OPERATING WEIGHT (LBS.)	401	428	434	434



CAUTION

The installation must be adjusted to obtain a temperature rise within the range listed on the unit nameplate.

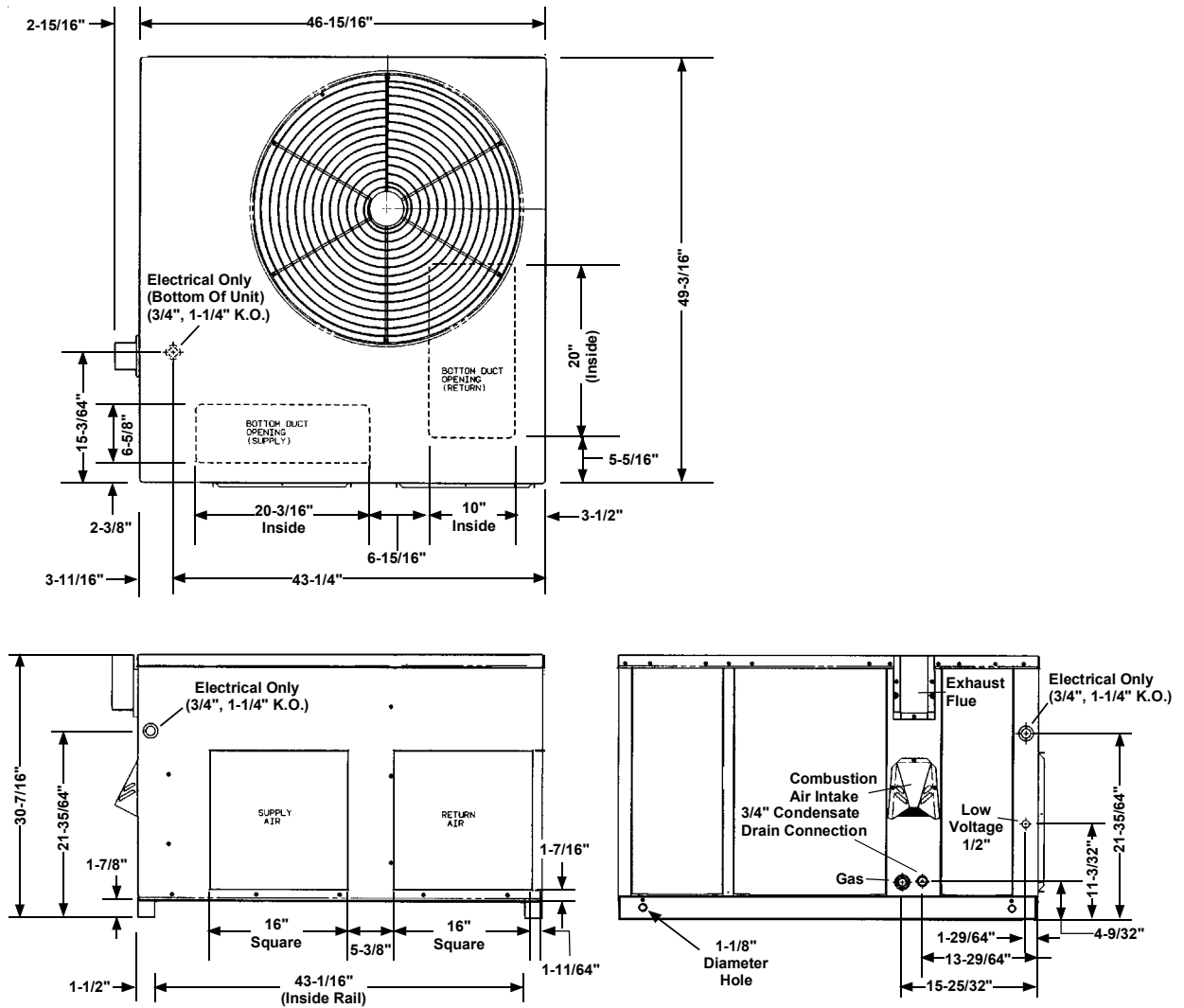
HIGH ALTITUDE GAS ORIFICE CHART				
Gas	Altitude	Kit	Orifice	Manifold Pressure
Natural	0-6000	None	#43	3.5" w.c.
	6001-11000		#45	
Propane	0-6000	LPTK09	#55	10.0" w.c.
	6001-11000		#56	

NOTE: In Canada, gas furnaces are certified to 4,500 feet only.

NOTES:

1. All units have a redundant gas valve.
2. All units are manufactured for use on 208/230 VAC, 60 Hz, single phase electrical supply.
3. **IMPORTANT:** While the data is presented as a guide, it is very important to electrically connect the unit and properly size fuses and wires in accordance with the National Electrical Code and/or all existing local codes.
4. Performance figures are based on Department of Energy information and requirements under continuous operating conditions. Performance will vary with weather conditions and use.

Dimensions

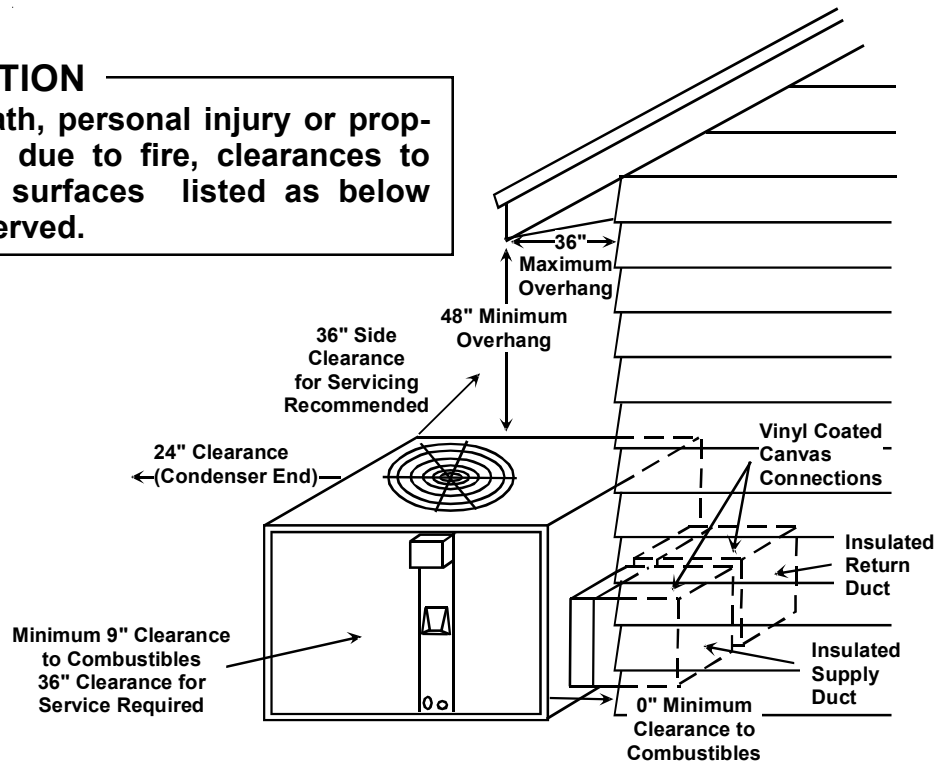


Clearances



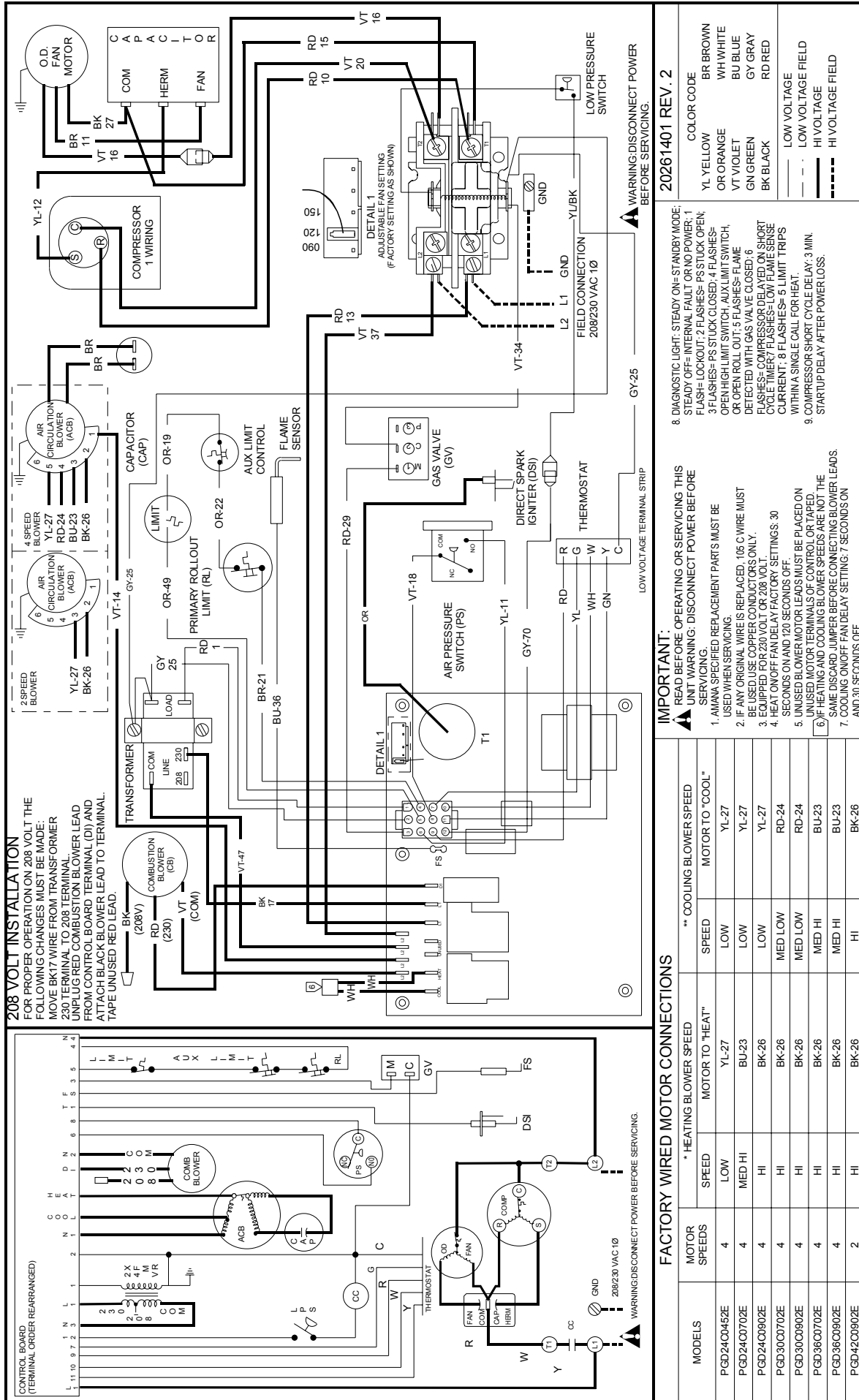
CAUTION

To avoid death, personal injury or property damage due to fire, clearances to combustible surfaces listed as below must be observed.





To prevent death, personal injury or property damage due to electrical shock, disconnect electrical power to this furnace before servicing or performing maintenance.



Dry Coil Data (Horizontal)

PGD24C045								
UNIT STATIC	LOW		MED-LO		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	990	34	1180	29	1370	25	1590	NR
0.2	960	35	1140	30	1340	26	1570	NR
0.3	930	37	1090	31	1280	27	1500	NR
0.4	890	38	1050	32	1210	28	1430	NR
0.5	790	43	980	35	1140	30	1340	25
0.6	720	47	900	38	1050	32	1250	27
0.7	620	55	750	45	890	38	1140	30
0.8	470	NR	600	NR	770	44	910	37

PGD24C070 / PGD30C070								
UNIT STATIC	LOW		MED-LO		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	1000	51	1170	44	1380	37	1630	31
0.2	960	53	1140	45	1330	38	1560	33
0.3	930	55	1100	46	1270	40	1480	35
0.4	880	58	1040	49	1200	43	1410	36
0.5	820	NR	980	52	1130	45	1330	38
0.6	710	NR	910	56	1060	48	1230	42
0.7	630	NR	760	NR	960	53	1130	45
0.8	460	NR	600	NR	760	NR	1020	50

PGD24C090 / PGD30C090								
UNIT STATIC	LOW		MED-LO		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	990	69	1160	59	1360	50	1590	NR
0.2	950	72	1120	61	1300	52	1530	45
0.3	920	74	1080	63	1260	54	1460	47
0.4	870	NR	1030	66	1190	57	1390	49
0.5	810	NR	970	70	1130	60	1320	51
0.6	710	NR	900	NR	1050	65	1230	55
0.7	610	NR	780	NR	950	72	1130	60
0.8	470	NR	620	NR	770	NR	1010	67

NR Not Recommended



CAUTION

The installation must be adjusted to obtain a temperature rise within the range listed on the unit nameplate.

Dry Coil Data (Downshot)

PGD36C070								
UNIT STATIC	LOW		MED-LO		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	940	54	1090	47	1230	42	1400	37
0.2	900	57	1050	49	1180	43	1330	38
0.3	860	59	990	58	1130	45	1270	40
0.4	770	NR	930	55	1050	49	1190	43
0.5	710	NR	820	NR	980	58	1130	45
0.6	640	NR	760	NR	860	59	1030	50
0.7	550	NR	670	NR	770	NR	890	57
0.8	470	NR	550	NR	660	NR	780	NR

PGD36C090								
UNIT STATIC	LOW		MED-LO		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	980	70	1150	59	1330	51	1550	44
0.2	940	72	1110	61	1290	53	1490	46
0.3	910	75	1060	64	1220	56	1420	48
0.4	860	NR	1010	67	1160	59	1350	50
0.5	800	NR	960	71	1090	63	1270	54
0.6	700	NR	880	NR	1020	67	1200	57
0.7	560	NR	740	NR	910	75	1090	63
0.8	450	NR	560	NR	750	NR	980	70

PGD42C090				
UNIT STATIC	LOW		HIGH	
	CFM	RISE	CFM	RISE
0.1	1240	55	1500	45
0.2	1200	57	1430	48
0.3	1160	59	1370	50
0.4	1110	61	1300	52
0.5	1050	65	1220	56
0.6	970	70	1140	60
0.7	850	NR	1040	66
0.8	700	NR	850	NR

NR Not Recommended



CAUTION
The installation must be adjusted to obtain a temperature rise within the range listed on the unit nameplate.

PGD24 Cooling Performance Data



CAUTION

The installation must be adjusted to obtain a temperature rise within the range listed on the unit nameplate.

PGD24C		Outdoor Ambient Temperature (°F)																							
		65								75								85							
		59				63				67				71				75				79			
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	ΔT	19.1	16.5	12.6	-	19.3	16.7	12.7	-	19.4	16.8	12.7	-	19.5	16.9	12.8	-	19.2	16.6	12.6	-	18.0	15.5	11.8	-
	AMPS	7.6	7.7	7.9	-	8.1	8.2	8.4	-	8.6	8.8	9.0	-	9.1	9.3	9.6	-	9.6	9.8	10.1	-	10.1	10.3	10.6	-
	HI PR	154	166	175	-	173	186	196	-	197	212	223	-	224	241	254	-	252	271	286	-	278	299	316	-
	LO PR	66	71	77	-	70	75	82	-	73	78	85	-	77	82	89	-	80	86	93	-	83	88	97	-
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-
75	AMPS	7.5	7.7	7.9	-	8.0	8.2	8.4	-	8.6	8.7	9.0	-	9.0	9.2	9.5	-	9.5	9.7	10.0	-	10.0	10.2	10.5	-
	HI PR	152	164	173	-	171	184	194	-	195	209	221	-	222	239	252	-	249	268	283	-	275	296	313	-
	LO PR	66	70	76	-	70	74	81	-	72	77	84	-	76	81	88	-	80	85	92	-	82	88	96	-
	ΔT	20	18	13	-	20	18	13	-	21	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-
	AMPS	7.4	7.5	7.7	-	7.8	8.0	8.2	-	8.4	8.5	8.8	-	8.8	9.0	9.3	-	9.3	9.5	9.8	-	9.8	10.0	10.2	-
80	HI PR	148	159	168	-	166	179	189	-	189	203	214	-	215	231	244	-	242	260	275	-	267	288	304	-
	LO PR	64	68	74	-	67	72	78	-	70	75	81	-	74	78	86	-	77	82	90	-	80	85	93	-
75	ΔT	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	21	19	16	11
	AMPS	7.6	7.8	8.0	8.2	8.1	8.3	8.5	8.8	8.7	8.9	9.1	9.4	9.2	9.4	9.6	9.9	9.7	9.9	10.2	10.5	10.2	10.4	10.7	11.0
	HI PR	156	167	177	184	175	188	198	207	199	214	226	235	226	243	257	268	254	274	289	302	281	302	319	333
	LO PR	67	71	78	83	71	76	82	88	74	78	86	91	77	82	90	96	81	86	94	100	84	89	98	104
	ΔT	23	21	17	12	23	21	18	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11
70	AMPS	7.6	7.7	7.9	8.2	8.1	8.2	8.4	8.7	8.6	8.8	9.0	9.3	9.1	9.3	9.6	9.9	9.6	9.8	10.1	10.4	10.1	10.3	10.6	10.9
	HI PR	154	166	175	183	173	186	196	205	197	212	223	233	224	241	254	265	252	271	286	299	278	299	316	330
	LO PR	67	71	77	82	70	75	82	87	73	78	85	90	77	82	89	95	80	86	93	99	83	88	97	103
	ΔT	23	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	11
	AMPS	7.4	7.6	7.8	8.0	7.9	8.0	8.3	8.5	8.4	8.6	8.8	9.1	8.9	9.1	9.3	9.6	9.4	9.6	9.8	10.1	9.8	10.0	10.3	10.7
80	HI PR	149	161	170	177	168	180	191	199	191	205	217	226	217	234	247	257	244	263	278	290	270	291	307	320
	LO PR	65	69	75	80	68	73	79	84	71	75	82	88	74	79	86	92	78	83	91	96	81	86	94	100
75	ΔT	25	24	21	16	25	24	21	17	25	24	21	17	24	25	21	17	23	23	21	17	21	22	19	15
	AMPS	7.7	7.8	8.0	8.3	8.2	8.3	8.6	8.8	8.8	8.9	9.2	9.5	9.3	9.4	9.7	10.0	9.7	9.9	10.2	10.6	10.2	10.5	10.8	11.1
	HI PR	157	169	179	186	176	190	200	209	201	216	228	238	228	246	260	271	257	277	292	305	284	306	323	337
	LO PR	68	72	79	84	72	76	83	89	75	79	87	92	78	83	91	97	82	87	95	101	85	90	99	105
	ΔT	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	25	25	22	17	23	23	20	16
80	AMPS	7.6	7.8	8.0	8.2	8.1	8.3	8.5	8.8	8.7	8.9	9.1	9.4	9.2	9.4	9.6	9.9	9.6	9.8	10.2	10.5	10.2	10.4	10.7	11.0
	HI PR	156	167	177	184	175	188	198	207	199	214	226	235	226	243	257	268	254	274	289	302	281	303	319	333
	LO PR	67	71	78	83	71	76	82	88	74	78	86	91	77	82	90	96	81	86	94	100	84	89	98	104
	ΔT	26	25	22	17	26	25	22	18	26	25	22	18	27	26	22	18	26	25	22	17	25	24	20	16
	AMPS	7.5	7.6	7.8	8.0	7.9	8.1	8.3	8.6	8.5	8.7	8.9	9.2	9.0	9.2	9.4	9.7	9.4	9.6	9.9	10.2	9.9	10.1	10.4	10.7
70	HI PR	151	162	172	179	169	182	192	201	193	207	219	228	219	236	249	260	247	266	280	293	273	293	310	323
	LO PR	65	69	76	81	69	73	80	85	72	76	83	89	75	80	87	93	79	84	91	97	81	87	95	101

*Entering Dry Bulb Temperature.

NOTE: Darker shaded area with white lettering is ARI rating conditions, (95° ambient, 80° IDB + 67° IWB).

Lighter shaded area with black lettering is ACCA rating conditions, (95° ambient, 75° IDB + 63° IWB).

All Pressures are PSIG. All temperatures are in °F.

Low and high pressure are measured at gauge port.

Amps are total unit amps at a rated voltage of 230 VAC.

PGD30C Cooling Performance Data



CAUTION

The installation must be adjusted to obtain a temperature rise within the range listed on the unit nameplate.

PGD30C			Outdoor Ambient Temperature (°F)																																											
			65								75								85								95								105								115			
			Entering Indoor Wet Bulb Temperature (°F)																																											
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																
70	IDB*	Airflow	ΔT	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-															
				AMPS	8.6	8.7	9.0	-	9.1	9.3	9.5	-	9.8	10.0	10.2	-	10.3	10.5	10.8	-	10.9	11.1	11.4	-	11.4	11.6	12.0	-	11.4	11.6	12.0	-														
				HI PR	158	170	179	-	177	190	201	-	201	216	229	-	229	247	260	-	258	277	293	-	285	306	324	-	285	306	324	-														
				LO PR	65	70	76	-	69	73	80	-	72	76	83	-	75	80	88	-	79	84	92	-	82	87	95	-	82	87	95	-														
	1000	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-	18	15	12	-																
			AMPS	8.5	8.7	8.9	-	9.0	9.2	9.5	-	9.7	9.9	10.1	-	10.2	10.4	10.7	-	10.8	11.0	11.3	-	11.3	11.6	11.9	-	11.3	11.6	11.9	-															
			HI PR	156	168	177	-	175	188	199	-	199	214	226	-	227	244	258	-	255	275	290	-	282	303	320	-	282	303	320	-															
			LO PR	65	69	75	-	68	73	79	-	71	76	83	-	75	79	87	-	78	83	91	-	81	86	94	-	81	86	94	-															
	875	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-																
			AMPS	8.3	8.5	8.7	-	8.8	9.0	9.3	-	9.5	9.7	9.9	-	10.0	10.2	10.5	-	10.5	10.7	11.0	-	11.1	11.3	11.6	-	11.1	11.3	11.6	-															
			HI PR	151	163	172	-	170	183	193	-	193	208	220	-	220	237	250	-	248	266	281	-	273	294	311	-	273	294	311	-															
			LO PR	63	67	73	-	66	71	77	-	69	73	80	-	72	77	84	-	76	81	88	-	76	81	88	-	79	84	91	-															
75	IDB*	Airflow	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	19	18	15	10															
				AMPS	8.6	8.8	9.0	9.3	9.2	9.4	9.6	9.9	9.8	10.0	10.3	10.6	10.4	10.6	10.9	11.2	10.9	11.2	11.5	11.9	11.5	11.7	12.1	12.5	11.5	11.7	12.1	12.5														
				HI PR	159	171	181	189	179	192	203	212	203	219	231	241	231	249	263	274	260	280	296	309	288	310	327	341	288	310	327	341														
				LO PR	66	70	77	82	70	74	81	86	73	77	84	90	76	81	88	94	80	85	93	99	83	88	96	102	83	88	96	102														
	1000	ΔT	22	20	17	11	22	20	17	12	22	20	17	12	22	21	17	12	22	21	17	12	22	20	17	11	21	19	16	11																
			AMPS	8.6	8.7	9.0	9.2	9.1	9.3	9.5	9.8	9.8	10.0	10.2	10.5	10.3	10.5	10.8	11.2	10.9	11.1	11.4	11.8	11.4	11.6	12.0	12.4	11.4	11.6	12.0	12.4															
			HI PR	158	170	179	187	177	190	201	210	201	216	229	238	229	247	260	272	258	277	293	306	285	306	324	338	285	306	324	338															
			LO PR	65	70	76	81	69	74	80	85	72	76	83	89	75	80	88	93	79	84	92	98	82	87	95	101	82	87	95	101															
	875	ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	22	21	17	12	21	19	16	11																
			AMPS	8.4	8.5	8.8	9.0	8.9	9.1	9.3	9.6	9.5	9.7	10.0	10.3	10.1	10.3	10.6	10.9	10.6	10.8	11.1	11.5	11.1	11.4	11.7	12.1	11.1	11.4	11.7	12.1															
			HI PR	153	165	174	181	172	185	195	203	195	210	222	231	222	239	253	263	250	269	284	296	276	297	314	327	276	297	314	327															
			LO PR	63	67	74	78	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	77	82	89	95	79	84	92	98															
80	IDB*	Airflow	ΔT	24	22	20	16	23	23	20	16	23	23	20	16	22	23	20	16	21	22	20	16	20	20	18	15	20	20	18	15															
				AMPS	8.7	8.9	9.1	9.4	9.3	9.4	9.7	10.0	9.9	10.1	10.4	10.7	10.5	10.7	11.0	11.3	11.0	11.3	11.6	12.0	11.6	11.8	12.2	12.6	11.6	11.8	12.2	12.6														
				HI PR	161	173	183	191	180	194	205	214	205	221	233	243	234	252	266	277	263	283	299	312	291	313	330	344	291	313	330	344														
				LO PR	67	71	77	83	70	75	82	87	73	78	85	91	77	82	89	95	81	86	94	100	83	89	97	103	83	89	97	103														
	1000	ΔT	24	23	20	16	25	24	21	16	25	24	21	16	24	24	21	17	23	24	21	16	21	22	19	15	21	22	19	15																
			AMPS	8.6	8.8	9.0	9.3	9.2	9.4	9.6	9.9	9.8	10.0	10.3	10.6	10.4	10.6	10.9	11.2	10.9	11.2	11.5	11.9	11.5	11.7	12.1	12.5	11.5	11.7	12.1	12.5															
			HI PR	159	171	181	189	179	192	203	212	203	219	231	241	231	249	263	274	260	280	296	309	288	310	327	341	288	310	327	341															
			LO PR	66	70	77	82	70	74	81	86	73	77	84	90	76	81	89	94	80	85	93	99	83	88	96	102	83	88	96	102															
	875	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	16																
			AMPS	8.4	8.6	8.8	9.1	9.0	9.2	9.4	9.7	9.6	9.8	10.1	10.4	10.2	10.4	10.6	11.0	10.7	10.9	11.2	11.6	11.2	11.5	11.8	12.2	11.2	11.5	11.8	12.2															
			HI PR	154	166	176	183	173	187	197	205	197	212	224	234	224	242	255	266	253	272	287	299	279	300	317	331	279	300	317	331															
			LO PR	64	68	74	79	68	72	79	84	70	75	82	87	74	79	86	91	77	82	90	96	80	85	93	99	83	88	96	102															

*Entering Dry Bulb Temperature.

NOTE: Darker shaded area with white lettering is ARI rating conditions, (95° ambient, 80° IDB + 67° IWB).

Lighter shaded area with black lettering is ACCA rating conditions, (95° ambient, 75° IDB + 63° IWB).

All Pressures are PSIG. All temperatures are in °F.

Low and high pressure are measured at gauge port.

Amps are total unit amps at a rated voltage of 230 VAC.

PGD36C Cooling Performance Data



CAUTION

The installation must be adjusted to obtain a temperature rise within the range listed on the unit nameplate.

PGD36C		Outdoor Ambient Temperature (°F)																							
		65								75								85							
		Entering Indoor Wet Bulb Temperature (°F)				95				105				115											
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	ΔT	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
	AMPS	10.4	10.6	10.9	-	11.1	11.3	11.6	-	11.9	12.1	12.5	-	12.6	12.8	13.2	-	13.3	13.5	13.9	-	13.9	14.2	14.7	-
	HI PR	158	170	179	-	177	190	201	-	201	216	229	-	229	247	260	-	258	277	293	-	285	306	324	-
	LO PR	67	72	78	-	71	76	83	-	74	79	86	-	78	83	90	-	81	86	94	-	84	89	98	-
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-
75	AMPS	10.3	10.5	10.8	-	11.0	11.2	11.5	-	11.8	12.0	12.4	-	12.5	12.7	13.1	-	13.2	13.4	13.8	-	13.8	14.1	14.5	-
	HI PR	156	168	177	-	175	188	199	-	199	214	226	-	227	244	258	-	255	275	290	-	282	303	320	-
	LO PR	67	71	77	-	70	75	82	-	73	78	85	-	77	82	89	-	80	86	93	-	83	89	97	-
	ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-
	AMPS	10.2	10.4	10.7	-	10.8	11.1	11.4	-	11.6	11.9	12.2	-	12.3	12.6	12.9	-	13.0	13.3	13.6	-	13.6	13.9	14.3	-
80	HI PR	153	165	174	-	172	185	196	-	196	211	222	-	223	240	253	-	251	270	285	-	277	298	315	-
	LO PR	65	70	76	-	69	74	80	-	72	76	83	-	75	80	88	-	79	84	92	-	82	87	95	-
75	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
	AMPS	10.5	10.7	11.0	11.3	11.2	11.4	11.7	12.1	12.0	12.2	12.6	13.0	12.7	12.9	13.3	13.7	13.4	13.7	14.1	14.5	14.1	14.4	14.8	15.3
	HI PR	159	171	181	189	179	192	203	212	203	219	231	241	231	249	263	274	260	280	296	309	288	310	327	341
	LO PR	68	72	79	84	72	76	83	89	75	79	87	92	78	83	91	97	82	87	95	102	85	90	99	105
	ΔT	23	21	17	12	23	21	17	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11
1050	AMPS	10.4	10.6	10.9	11.2	11.1	11.3	11.6	12.0	11.9	12.1	12.5	12.9	12.6	12.8	13.2	13.6	13.3	13.5	13.9	14.4	13.9	14.2	14.7	15.2
	HI PR	158	170	179	187	177	190	201	210	201	216	229	238	229	247	260	272	258	277	293	306	285	306	324	338
	LO PR	67	72	78	83	71	76	83	88	74	79	86	91	78	83	90	96	81	86	94	101	84	89	98	104
	ΔT	24	22	18	12	24	22	18	13	24	22	18	13	24	22	18	13	24	22	18	12	22	21	17	12
	AMPS	10.2	10.5	10.7	11.1	10.9	11.2	11.5	11.8	11.7	12.0	12.3	12.7	12.4	12.7	13.0	13.4	13.1	13.4	13.7	14.2	13.8	14.1	14.5	14.9
80	HI PR	155	167	176	184	174	187	198	206	198	213	225	234	225	242	256	267	253	273	288	300	280	301	318	332
	LO PR	66	70	77	82	70	74	81	86	73	77	84	90	76	81	89	94	80	85	93	99	83	88	96	102
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	23	24	20	16	22	22	20	16	20	21	18	15
	AMPS	10.5	10.7	11.0	11.4	11.2	11.5	11.8	12.2	12.1	12.3	12.7	13.1	12.8	13.0	13.4	13.9	13.5	13.8	14.2	14.6	14.2	14.5	14.9	15.4
	HI PR	161	173	183	191	180	194	205	214	205	221	233	243	234	252	266	277	263	283	299	312	291	313	330	344
1150	LO PR	69	73	80	85	72	77	84	90	75	80	87	93	79	84	92	98	83	88	96	103	86	91	100	106
	ΔT	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	25	25	21	17	23	23	20	16
	AMPS	10.5	10.7	11.0	11.3	11.2	11.4	11.7	12.1	12.0	12.2	12.6	13.0	12.7	12.9	13.3	13.7	13.4	13.7	14.1	14.5	14.1	14.4	14.8	15.3
	HI PR	159	171	181	189	179	192	203	212	203	219	231	241	231	249	263	274	260	280	296	309	288	310	327	341
	LO PR	68	72	79	84	72	76	83	89	75	79	87	92	78	83	91	97	82	87	95	102	85	90	99	105
1050	ΔT	27	26	22	18	27	26	22	18	27	26	22	18	27	26	23	18	27	26	22	18	25	24	21	17
	AMPS	10.3	10.5	10.8	11.1	11.0	11.2	11.5	11.9	11.8	12.1	12.4	12.8	12.5	12.8	13.1	13.6	13.2	13.5	13.9	14.3	13.9	14.2	14.6	15.1
	HI PR	157	168	178	186	176	189	200	208	200	215	227	237	228	245	259	270	256	275	291	303	283	304	321	335
	LO PR	67	71	78	83	71	75	82	87	73	78	85	91	77	82	89	95	81	86	94	100	83	89	97	103
	ΔT	27	26	22	18	27	26	22	18	27	26	22	18	27	26	23	18	27	26	22	18	25	24	21	17

*Entering Dry Bulb Temperature.

NOTE: Darker shaded area with white lettering is ARI rating conditions, (95° ambient, 80° IDB + 67° IWB).

Lighter shaded area with black lettering is ACCA rating conditions, (95° ambient, 75° IDB + 63° IWB).

All Pressures are PSIG. All temperatures are in °F.

Low and high pressure are measured at gauge port.

Amps are total unit amps at a rated voltage of 230 VAC.

PGD42C Cooling Performance Data



CAUTION

The installation must be adjusted to obtain a temperature rise within the range listed on the unit nameplate.

PGD42C		Outdoor Ambient Temperature (°F)																							
		65								75								85							
		Entering Indoor Wet Bulb Temperature (°F)				Entering Indoor Wet Bulb Temperature (°F)				Entering Indoor Wet Bulb Temperature (°F)				Entering Indoor Wet Bulb Temperature (°F)				Entering Indoor Wet Bulb Temperature (°F)				Entering Indoor Wet Bulb Temperature (°F)			
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1575	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11
		AMPS	12.8	13.1	13.4	-	13.7	13.9	14.3	-	14.7	15.0	15.4	-	15.5	15.8	16.3	-	16.4	16.7	17.2	-	17.2	17.6	18.1
		HI PR	161	173	183	-	180	194	205	-	205	221	233	-	233	251	265	-	263	283	298	-	290	312	330
		LO PR	64	68	75	-	68	72	79	-	71	75	82	-	74	79	86	-	78	83	90	-	80	86	93
	1350	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12
		AMPS	12.7	13.0	13.3	-	13.6	13.8	14.2	-	14.5	14.8	15.3	-	15.4	15.7	16.2	-	16.2	16.6	17.1	-	17.1	17.4	18.0
		HI PR	159	171	181	-	178	192	203	-	203	218	231	-	231	249	263	-	260	280	295	-	287	309	326
		LO PR	64	68	74	-	67	72	78	-	70	74	81	-	73	78	85	-	77	82	89	-	80	85	92
	1225	ΔT	20	18	13	-	20	18	13	-	21	18	13	-	21	18	14	-	20	18	13	-	19	16	13
		AMPS	12.5	12.8	13.1	-	13.4	13.6	14.0	-	14.3	14.6	15.1	-	15.2	15.5	15.9	-	16.0	16.4	16.8	-	16.8	17.2	17.7
		HI PR	156	168	178	-	175	189	199	-	199	215	227	-	227	244	258	-	256	275	290	-	282	304	321
		LO PR	63	67	73	-	66	70	77	-	69	73	80	-	72	77	84	-	76	80	88	-	78	83	91
75	1350	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15
		AMPS	12.9	13.2	13.5	13.9	13.8	14.0	14.4	14.9	14.8	15.1	15.5	16.0	15.6	16.0	16.4	17.0	16.5	16.9	17.4	17.9	17.4	17.7	18.3
		HI PR	162	175	184	192	182	196	207	216	207	223	235	245	236	254	268	279	265	285	301	314	293	315	333
		LO PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	78	84	91	97	81	86	94
	1150	ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16
		AMPS	12.8	13.1	13.4	13.8	13.7	13.9	14.3	14.8	14.7	15.0	15.4	15.9	15.5	15.8	16.3	16.8	16.4	16.7	17.2	17.8	17.2	17.6	18.1
		HI PR	161	173	183	190	180	194	205	214	205	221	233	243	233	251	265	277	263	283	298	311	290	312	330
		LO PR	64	68	75	80	68	72	79	84	71	75	82	87	74	79	86	92	78	83	90	96	80	86	93
	1050	ΔT	23	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17
		AMPS	12.6	12.9	13.2	13.6	13.5	13.8	14.1	14.6	14.5	14.8	15.2	15.7	15.3	15.6	16.1	16.6	16.2	16.5	17.0	17.5	17.0	17.3	17.9
		HI PR	158	170	179	187	177	191	201	210	202	217	229	239	230	247	261	272	258	278	293	306	285	307	324
		LO PR	63	67	73	78	67	71	78	83	69	74	81	86	73	78	85	90	76	81	89	94	79	84	92
80	1350	ΔT	23	22	19	15	24	22	19	16	23	22	20	16	23	23	20	16	21	22	19	15	20	20	18
		AMPS	13.0	13.3	13.6	14.0	13.9	14.2	14.5	15.0	14.9	15.2	15.6	16.1	15.8	16.1	16.6	17.1	16.6	17.0	17.5	18.1	17.5	17.9	18.4
		HI PR	164	176	186	194	184	198	209	218	209	225	238	248	238	256	271	282	268	288	305	318	296	319	336
		LO PR	66	70	76	81	69	74	80	86	72	77	84	89	76	80	88	94	79	84	92	98	82	87	95
	1150	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	17	23	22	20
		AMPS	12.9	13.2	13.5	13.9	13.8	14.0	14.4	14.9	14.8	15.1	15.5	16.0	15.6	16.0	16.4	17.0	16.5	16.9	17.4	17.9	17.4	17.7	18.3
		HI PR	162	175	184	192	182	196	207	216	207	223	235	245	236	254	268	280	265	286	302	314	293	315	333
		LO PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	86	94
	1050	ΔT	26	25	22	17	26	25	22	18	26	25	22	18	27	26	22	18	26	25	22	18	25	24	20
		AMPS	12.7	13.0	13.3	13.8	13.6	13.9	14.2	14.7	14.6	14.9	15.3	15.8	15.4	15.8	16.2	16.7	16.3	16.6	17.1	17.7	17.1	17.5	18.0
		HI PR	159	172	181	189	179	193	203	212	204	219	231	241	232	249	263	275	261	281	296	309	288	310	327
		LO PR	64	68	74	79	67	72	78	83	70	75	81	87	74	78	86	91	77	82	90	95	80	85	93

*Entering Dry Bulb Temperature.

NOTE: Darker shaded area with white lettering is ARI rating conditions, (95° ambient, 80° IDB + 67° IWB).

Lighter shaded area with black lettering is ACCA rating conditions, (95° ambient, 75° IDB + 63° IWB).

All Pressures are PSIG. All temperatures are in °F.

Low and high pressure are measured at gauge port.

Amps are total unit amps at a rated voltage of 230 VAC.

Amana is a trademark of Maytag World-
wide N.V. and is used under license to Goodman
Company, L.P. All rights reserved.

