Goodman
Air Conditioning & Heating

CPG Commercial

Three-Phase
5-Ton Self-Contained Packaged Gas/Electric Units

Cooling Capacity: 55,300 BTU/h [16.2 kW]
Heating Capacity: 133,000 BTU/h [39 kW]

2.9 EER / 80% AFUE

Standard Features
- R-410A chlorine-free refrigerant
- TuffTube™ tubular heat exchanger
- High-efficiency scroll compressor
- Copper tube / aluminum fin coils
- Contactor with lugs
- High-capacity, steel-cased filter dryer
- 24-volt terminal strip
- Convertible
- Easy to service
- Built-in filter rack with standard 2” filters
- Bottom utility entry

Cabinet Features
- Heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish
- Full Perimeter Rail
- Curb Fit

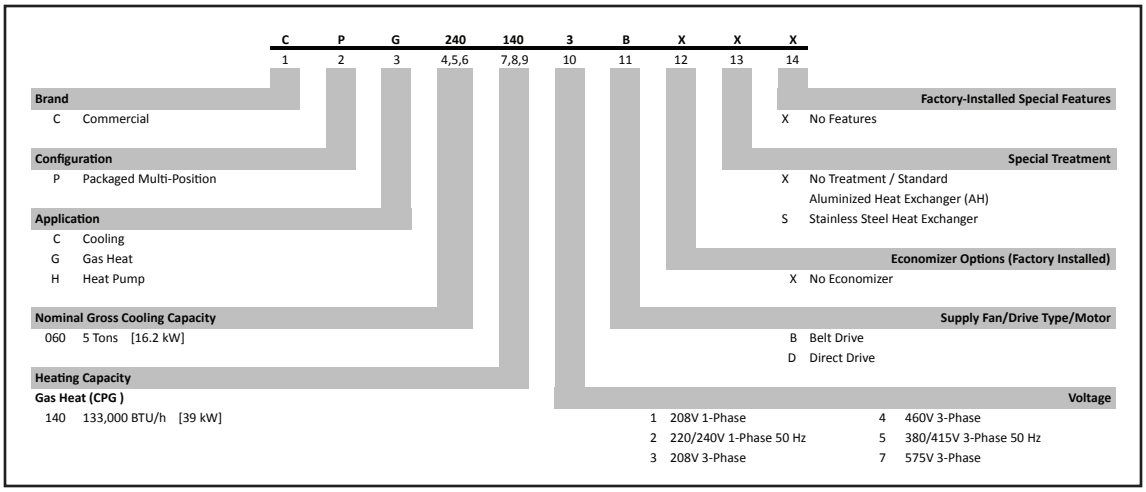
Contents

R-410A REFRIGERANT

CE

* Complete warranty details available from your local dealer or at www.goodmanmfg.com.

NOMENCLATURE



Product Specifications

	CPG060 1405B***A
Cooling Capacity	
Total BTU/h [KW]	55,300 [16.2]
Sensible BTU/h [KW]	47,000 [13.7]
Net EER	2.90
Decibels	82.0
Eurovent Reference No.	RS 6/C/007 - 2009
Gas Heating Capacity	
Max. Input / Output kBTU/h [KW]	133/106.4 [39/31.18]
Steady State Efficiency (AFUE)	80
Temperature Rise Range °F [°C]	35-65 [19-36]
No. of Burners	6
Evaporator Motor / Coil	
Motor Type	Belt
Indoor Nominal CFM [Cubic Meters/Hr]	2000 [3400]
Cooling Piston Size [mm]	0.086 [2.2]
Filter Size (#) [mm]	14x20x2 (4) [356x508x51]
Drain Size (NPT)	¾" [19mm]
R-410A Refrigerant Charge, oz. [Kgs]	146 [4.1]
Face Area, ft² [m²]	7.8 [0.72]
Rows Deep/ Fins per Inch [FPM]	4 / 16 [630]
Tube Diameter [mm] - Material	5/16 [8] - Copper
Belt Drive Evap Fan Data	
# of Wheels (D x W) [mm]	1(11"x10") [279x254]
Motor Sheave / Blower Sheave	1VM50 x ⅞" [2.2cm]
Blower Sheave	AK61 x 1" [2.54cm]
Condenser Fan / Coil	
Horsepower [KW] / RPM	1/4 [0.18] / 1050
Fan Diameter/ # Fan Blades	22" [56cm] / 4
Outdoor Nominal CFM [Cubic Meters/Hr]	3600 [6116]
Face Area, ft² [m²]	17 [1.58]
Rows Deep/ Fins per Inch [FPM]	2 / 18 [709]
Tube Diameter [mm] - Material	5/16 [8] - Copper
Compressor	
Quantity / Stage / Type	1 / 1 / Scroll
Compressor RLA / LRA	10.9 / 64
Electrical Data	
Voltage-Phase-Frequency	380-3-50
Indoor Blower HP [KW] / FLA (STD Static)	1.5 [1.1] / 2.9
Indoor Blower LRA	17.9
Max External Static [mbar]	1 [2.5]
Outdoor Fan HP [KW] / FLA	1/4 [0.18] / 1.10
Min. Circuit Ampacity[1]	16.1
Max. Overcurrent Protection (amps)[2]	25
Power Supply Conduit Hole [mm]	1.97"/2.56" [50/65]
Low-Voltage Conduit Hole [mm]	½" [13]
Operating Weight, lbs [Kgs]	640 [290]
Ship Weight, lbs [Kgs]	665 [302]

[ ] Metric measurements

[1] Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

[2] May use fuses or HACR-type circuit breakers of the same size as noted.

Note: Always check the S&R plate for electrical data on the unit being installed.

Expanded Cooling Data (English Units)

			Outdoor Ambient Temperature (°F)																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature (°F)																							
IDB (°F)	Airflow (SCFM)		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	2282	MBh	54.8	56.8	62.2	-	53.5	55.5	60.8	-	52.2	54.1	59.3	-	51.0	52.8	57.9	-	48.4	50.2	55.0	-	44.8	46.5	50.9	-
		S/T	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.89	0.74	0.51	-	0.91	0.76	0.53	-	0.95	0.79	0.55	-	0.96	0.80	0.55	-
		Δ T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		kW	4.58	4.67	4.81	-	4.91	5.01	5.16	-	5.20	5.31	5.47	-	5.45	5.57	5.74	-	5.67	5.79	5.98	-	5.86	5.99	6.18	-
		HiPR	240	259	273	-	270	290	307	-	307	330	349	-	349	376	397	-	393	423	447	-	434	467	494	-
		Lo PR	108	115	125	-	114	121	132	-	119	126	138	-	125	132	145	-	130	139	152	-	135	144	157	-
	2028	MBh	53.2	55.1	60.4	-	52.0	53.8	59.0	-	50.7	52.6	57.6	-	49.5	51.3	56.2	-	47.0	48.7	53.4	-	43.5	45.1	49.4	-
		S/T	0.80	0.66	0.46	-	0.82	0.69	0.48	-	0.84	0.71	0.49	-	0.87	0.73	0.50	-	0.91	0.76	0.52	-	0.91	0.76	0.53	-
		Δ T	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
		kW	4.54	4.63	4.77	-	4.87	4.97	5.12	-	5.16	5.26	5.43	-	5.41	5.53	5.70	-	5.63	5.75	5.93	-	5.82	5.94	6.13	-
		HiPR	238	256	271	-	267	287	304	-	304	327	345	-	346	372	393	-	389	419	442	-	430	463	489	-
		Lo PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-
	1622	MBh	49.1	50.9	55.8	-	48.0	49.7	54.5	-	46.8	48.5	53.2	-	45.7	47.3	51.9	-	43.4	45.0	49.3	-	40.2	41.7	45.6	-
		S/T	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.87	0.73	0.51	-	0.88	0.74	0.51	-
		Δ T	21	18	14	-	22	19	14	-	22	19	14	-	22	19	14	-	21	19	14	-	20	17	13	-
		kW	4.44	4.53	4.66	-	4.76	4.85	5.00	-	5.04	5.14	5.30	-	5.29	5.39	5.56	-	5.49	5.61	5.79	-	5.68	5.80	5.98	-
		HiPR	231	248	262	-	259	279	294	-	295	317	335	-	336	361	381	-	378	406	429	-	417	449	474	-
		Lo PR	104	110	120	-	110	117	127	-	114	121	132	-	120	127	139	-	125	133	146	-	130	138	151	-
75	2282	MBh	55.7	57.4	62.1	66.6	54.4	56.0	60.6	65.1	53.1	54.7	59.2	63.5	51.8	53.4	57.8	62.0	49.2	50.7	54.9	58.9	45.6	47.0	50.8	54.6
		S/T	0.95	0.85	0.64	0.41	0.98	0.88	0.66	0.43	1.00	0.90	0.68	0.44	1.00	0.93	0.70	0.45	1.00	0.97	0.73	0.47	1.00	0.97	0.74	0.47
		Δ T	21	20	16	11	22	20	16	11	21	20	16	11	21	20	16	11	20	20	16	11	18	18	15	10
		kW	4.61	4.70	4.84	4.99	4.94	5.05	5.20	5.36	5.24	5.35	5.51	5.69	5.50	5.61	5.79	5.97	5.72	5.84	6.03	6.22	5.91	6.04	6.23	6.43
		HiPR	243	261	276	288	273	293	310	323	310	334	352	367	353	380	401	418	397	427	451	471	439	472	499	520
		Lo PR	109	116	127	135	115	123	134	143	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169
	2028	MBh	54.1	55.7	60.3	64.7	52.8	54.4	58.9	63.2	51.6	53.1	57.5	61.7	50.3	**51.8**	56.1	60.2	47.8	49.2	53.3	57.2	44.3	45.6	49.3	53.0
		S/T	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.96	0.86	0.65	0.42	0.99	**0.89**	0.67	0.43	1.00	0.92	0.70	0.45	1.00	0.93	0.70	0.45
		Δ T	22	20	17	12	22	21	17	12	22	21	17	12	23	**21**	17	12	22	21	17	12	20	19	16	11
		kW	4.58	4.67	4.81	4.95	4.91	5.01	5.16	5.32	5.20	5.31	5.47	5.64	5.46	**5.57**	5.74	5.93	5.67	5.79	5.98	6.17	5.86	5.99	6.18	6.38
		HiPR	240	259	273	285	270	290	307	320	307	330	349	364	350	**376**	397	414	393	423	447	466	434	468	494	515
		Lo PR	108	115	125	134	114	121	132	141	119	126	138	147	125	**132**	145	154	131	139	152	161	135	144	157	167
	1622	MBh	49.9	51.4	55.6	59.7	48.8	50.2	54.3	58.3	47.6	49.0	53.1	56.9	46.4	47.8	51.8	55.6	44.1	45.4	49.2	52.8	40.9	42.1	45.5	48.9
		S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.89	0.68	0.44
		Δ T	25	23	19	13	25	23	19	13	25	23	19	13	25	23	19	13	25	23	19	13	23	21	17	12
		kW	4.47	4.56	4.70	4.84	4.79	4.89	5.04	5.19	5.08	5.18	5.34	5.51	5.33	5.44	5.61	5.78	5.54	5.66	5.83	6.02	5.72	5.84	6.03	6.22
		HiPR	233	251	265	276	262	282	297	310	298	320	338	353	339	365	385	402	381	410	433	452	421	454	479	499
		Lo PR	105	111	122	130	111	118	129	137	115	122	134	142	121	129	140	149	127	135	147	157	131	139	152	162

IDB = Entering Indoor Dry Bulb Temperature

Shaded area is ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Expanded Cooling Data (English Units)

IDB (°F)	Airflow (SCFM)		Outdoor Ambient Temperature (°F) 65 / Entering Indoor Wet Bulb Temperature (°F) 59	63	67	71	75 / 59	63	67	71	85 / 59	63	67	71	95 / 59	63	67	71	105 / 59	63	67	71	115 / 59	63	67	71
80	2282	MBh	56.7	57.9	61.9	66.2	55.4	56.6	60.5	64.6	54.1	55.2	59.0	63.1	52.7	53.9	57.6	61.6	50.1	51.2	54.7	58.5	46.4	47.4	50.7	54.2
		S/T	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.84	0.63	1.00	1.00	0.87	0.65	1.00	1.00	0.90	0.68	1.00	1.00	0.91	0.68
		Δ T	23	23	20	16	22	23	20	16	22	22	20	16	21	22	20	16	20	21	20	16	19	19	19	15
		kW	4.65	4.74	4.88	5.03	4.98	5.08	5.24	5.40	5.28	5.39	5.56	5.73	5.54	5.66	5.84	6.02	5.77	5.89	6.07	6.27	5.96	6.09	6.28	6.48
		HiPR	245	264	279	291	275	296	313	326	313	337	356	371	357	384	405	423	401	432	456	475	443	477	504	525
		Lo PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	148	157	133	142	155	165	138	147	160	170
	2028	MBh	55.1	56.3	60.1	64.3	53.8	54.9	58.7	62.8	52.5	53.6	57.3	61.3	51.2	52.3	**55.9**	59.8	48.7	49.7	53.1	56.8	45.1	46.1	49.2	52.6
		S/T	0.99	0.93	0.76	0.57	1.00	0.96	0.78	0.59	1.00	0.99	0.80	0.60	1.00	1.00	**0.83**	0.62	1.00	1.00	0.86	0.64	1.00	1.00	0.87	0.65
		Δ T	25	24	21	16	24	24	21	17	24	24	21	17	23	24	**21**	17	22	23	21	17	20	21	19	15
		kW	4.61	4.70	4.84	4.99	4.94	5.05	5.20	5.36	5.24	5.35	5.51	5.69	5.50	5.61	**5.79**	5.97	5.72	5.84	6.03	6.22	5.91	6.04	6.23	6.43
		HiPR	243	261	276	288	273	293	310	323	310	334	352	367	353	380	**401**	418	397	427	451	471	439	472	499	520
		Lo PR	109	116	127	135	115	123	134	143	120	127	139	148	126	134	**146**	156	132	140	153	163	136	145	158	169
	1622	MBh	50.8	51.9	55.5	59.3	49.6	50.7	54.2	57.9	48.5	49.5	52.9	56.5	47.3	48.3	51.6	55.2	44.9	45.9	49.0	52.4	41.6	42.5	45.4	48.5
		S/T	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.02	0.95	0.78	0.58	1.05	0.98	0.80	0.60	1.00	1.02	0.83	0.62	1.00	1.03	0.84	0.63
		Δ T	28	26	23	18	28	27	23	19	28	27	23	19	28	27	23	19	25	27	23	18	24	25	22	17
		kW	4.51	4.60	4.73	4.88	4.83	4.93	5.08	5.23	5.12	5.22	5.38	5.55	5.37	5.48	5.65	5.83	5.58	5.70	5.88	6.07	5.77	5.89	6.08	6.27
		HiPR	236	254	268	279	264	285	300	313	301	324	342	356	342	369	389	406	385	415	438	457	426	458	484	505
		Lo PR	106	113	123	131	112	119	130	138	116	124	135	144	122	130	142	151	128	136	149	158	132	141	154	164
85	2282	MBh	57.7	58.8	61.6	65.7	56.4	57.4	60.2	64.2	55.0	56.1	58.7	62.7	53.7	54.7	57.3	61.1	51.0	52.0	54.4	58.1	47.2	48.1	50.4	53.8
		S/T	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.84	1.00	1.00	1.00	0.88	1.00	1.00	1.00	0.88
		Δ T	23	24	24	20	23	23	24	21	22	23	24	21	22	22	23	21	21	21	22	21	19	19	20	19
		kW	4.68	4.77	4.92	5.07	5.02	5.12	5.28	5.44	5.32	5.43	5.60	5.78	5.59	5.70	5.88	6.07	5.81	5.93	6.12	6.32	6.01	6.13	6.33	6.54
		HiPR	248	267	282	294	278	299	316	330	316	340	359	375	360	388	409	427	405	436	460	480	448	482	509	531
		Lo PR	111	118	129	138	118	125	137	145	122	130	142	151	128	137	149	159	134	143	156	166	139	148	162	172
	2028	MBh	56.0	57.1	59.8	63.8	54.7	55.8	58.4	62.3	53.4	54.4	57.0	60.8	52.1	53.1	55.6	59.3	49.5	50.5	52.8	56.4	45.9	46.7	49.0	52.2
		S/T	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.96	0.78	1.00	1.00	0.99	0.81	1.00	1.00	1.00	0.84	1.00	1.00	1.00	0.84
		Δ T	25	26	25	21	25	25	25	21	24	25	25	22	24	24	25	22	22	23	24	21	21	21	22	20
		kW	4.65	4.74	4.88	5.03	4.98	5.08	5.24	5.40	5.28	5.39	5.56	5.73	5.54	5.66	5.84	6.02	5.77	5.89	6.07	6.27	5.96	6.09	6.28	6.48
		HiPR	245	264	279	291	275	296	313	326	313	337	356	371	357	384	405	423	401	432	456	475	443	477	504	525
		Lo PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	148	157	133	142	155	165	138	147	160	170
	1622	MBh	51.7	52.7	55.2	58.9	50.5	51.5	53.9	57.5	49.3	50.3	52.6	56.1	48.1	49.0	51.3	54.8	45.7	46.6	48.8	52.0	42.3	43.1	45.2	48.2
		S/T	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.99	0.81	1.00	1.00	1.00	0.81
		Δ T	29	29	27	24	29	29	28	24	28	28	28	24	27	28	28	24	26	26	27	24	24	24	26	22
		kW	4.54	4.63	4.77	4.91	4.87	4.97	5.12	5.27	5.16	5.26	5.42	5.59	5.41	5.52	5.70	5.88	5.63	5.75	5.93	6.12	5.81	5.94	6.13	6.32
		HiPR	238	256	270	282	267	287	303	316	304	327	345	360	346	372	393	410	389	419	442	461	430	463	489	510
		Lo PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	152	129	137	150	160	134	142	155	165

IDB = Entering Indoor Dry Bulb Temperature

Shaded area is AHRI (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction access fittings.

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Expanded Cooling Data (SI Units)

			Outdoor Ambient Temperature (°F)																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature (°F)																							
IDB (°F)	Airflow (SCFM)		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
21.1	1086.2	*kW	16.1	16.6	18.2	-	15.7	16.3	17.8	-	15.3	15.9	17.4	-	14.9	15.5	17.0	-	14.2	14.7	16.1	-	13.1	13.6	14.9	-
		S/T	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.89	0.74	0.51	-	0.91	0.76	0.53	-	0.95	0.79	0.55	-	0.96	0.80	0.55	-
		ΔT	10.2	8.8	6.7	-	10.3	8.9	6.8	-	10.3	9.0	6.8	-	10.4	9.0	6.8	-	10.3	8.9	6.7	-	9.6	8.3	6.3	-
		kW	4.58	4.67	4.81	-	4.91	5.01	5.16	-	5.20	5.31	5.47	-	5.45	5.57	5.74	-	5.67	5.79	5.98	-	5.86	5.99	6.18	-
		Hi PR	1.66	1.78	1.88	-	1.86	2.00	2.11	-	2.12	2.28	2.40	-	2.41	2.59	2.74	-	2.71	2.92	3.08	-	2.99	3.22	3.40	-
		Lo PR	0.37	0.38	0.42	-	0.36	0.37	0.41	-	0.35	0.36	0.40	-	0.34	0.35	0.39	-	0.32	0.34	0.37	-	0.30	0.31	0.34	-
	965.5	*kW	15.6	16.2	17.7	-	15.2	15.8	17.3	-	14.9	15.4	16.9	-	14.5	15.0	16.5	-	13.8	14.3	15.6	-	12.8	13.2	14.5	-
		S/T	0.80	0.66	0.46	-	0.82	0.69	0.48	-	0.84	0.71	0.49	-	0.87	0.73	0.50	-	0.91	0.76	0.52	-	0.91	0.76	0.53	-
		ΔT	10.6	9.2	7.0	-	10.8	9.3	7.1	-	10.8	9.3	7.1	-	10.9	9.4	7.1	-	10.7	9.3	7.0	-	10.0	8.7	6.6	-
		kW	4.54	4.63	4.77	-	4.87	4.97	5.12	-	5.16	5.26	5.43	-	5.41	5.53	5.70	-	5.63	5.75	5.93	-	5.82	5.94	6.13	-
		Hi PR	1.64	1.77	1.87	-	1.84	1.98	2.09	-	2.09	2.25	2.38	-	2.39	2.57	2.71	-	2.68	2.89	3.05	-	2.97	3.19	3.37	-
		Lo PR	0.34	0.35	0.38	-	0.33	0.34	0.38	-	0.32	0.33	0.37	-	0.31	0.33	0.36	-	0.30	0.31	0.34	-	0.28	0.29	0.31	-
	772.4	*kW	14.4	14.9	16.3	-	14.1	14.6	16.0	-	13.7	14.2	15.6	-	13.4	13.9	15.2	-	12.7	13.2	14.4	-	11.8	12.2	13.4	-
		S/T	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.87	0.73	0.51	-	0.88	0.74	0.51	-
		ΔT	11.8	10.2	7.8	-	12.0	10.4	7.9	-	12.0	10.4	7.9	-	12.1	10.4	7.9	-	11.9	10.3	7.8	-	11.1	9.6	7.3	-
		kW	4.44	4.53	4.66	-	4.76	4.85	5.00	-	5.04	5.14	5.30	-	5.29	5.39	5.56	-	5.49	5.61	5.79	-	5.68	5.80	5.98	-
		Hi PR	1.59	1.71	1.81	-	1.79	1.92	2.03	-	2.03	2.19	2.31	-	2.31	2.49	2.63	-	2.60	2.80	2.96	-	2.88	3.10	3.27	-
		Lo PR	0.71	0.76	0.83	-	0.76	0.80	0.88	-	0.78	0.84	0.91	-	0.82	0.88	0.96	-	0.86	0.92	1.00	-	0.89	0.95	1.04	-
23.8	1086.2	*kW	16.3	16.8	18.2	19.5	15.9	16.4	17.8	19.1	15.6	16.0	17.4	18.6	15.2	15.6	16.9	18.2	14.4	14.9	16.1	17.3	13.4	13.8	14.9	16.0
		S/T	0.95	0.85	0.64	0.41	0.98	0.88	0.66	0.43	1.00	0.90	0.68	0.44	1.00	0.93	0.70	0.45	1.00	0.97	0.73	0.47	1.00	0.97	0.74	0.47
		ΔT	11.8	10.9	8.9	6.1	11.9	11.0	9.0	6.2	11.9	11.0	9.0	6.2	11.6	11.1	9.1	6.3	11.0	10.9	9.0	6.2	10.2	10.2	8.4	5.8
		kW	4.61	4.70	4.84	4.99	4.94	5.05	5.20	5.36	5.24	5.35	5.51	5.69	5.50	5.61	5.79	5.97	5.72	5.84	6.03	6.22	5.91	6.04	6.23	6.43
		Hi PR	1.67	1.80	1.90	1.98	1.88	2.02	2.14	2.23	2.14	2.30	2.43	2.53	2.43	2.62	2.77	2.88	2.74	2.95	3.11	3.25	3.03	3.26	3.44	3.59
		Lo PR	0.37	0.38	0.42	0.45	0.36	0.38	0.41	0.44	0.36	0.37	0.40	0.43	0.35	0.36	0.39	0.41	0.33	0.34	0.37	0.39	0.31	0.31	0.34	0.37
	965.5	*kW	15.9	16.3	17.7	19.0	15.5	15.9	17.3	18.5	15.1	15.6	16.8	18.1	14.7	**15.2**	16.4	17.6	14.0	14.4	15.6	16.8	13.0	13.4	14.5	15.5
		S/T	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.96	0.86	0.65	0.42	0.99	**0.89**	0.67	0.43	1.00	0.92	0.70	0.45	1.00	0.93	0.70	0.45
		ΔT	12.3	11.3	9.3	6.4	12.4	11.5	9.4	6.5	12.5	11.5	9.4	6.5	12.5	**11.6**	9.5	6.5	12.0	11.4	9.3	6.4	11.1	10.6	8.7	6.0
		kW	4.58	4.67	4.81	4.95	4.91	5.01	5.16	5.32	5.20	5.31	5.47	5.64	5.46	**5.57**	5.74	5.93	5.67	5.79	5.98	6.17	5.86	5.99	6.18	6.38
		Hi PR	1.66	1.78	1.88	1.97	1.86	2.00	2.11	2.21	2.12	2.28	2.40	2.51	2.41	**2.59**	2.74	2.86	2.71	2.92	3.08	3.21	3.00	3.22	3.40	3.55
		Lo PR	0.34	0.35	0.38	0.41	0.34	0.35	0.37	0.40	0.33	0.34	0.37	0.39	0.32	**0.33**	0.36	0.38	0.30	0.31	0.34	0.36	0.28	0.29	0.31	0.34
	772.4	*kW	14.6	15.1	16.3	17.5	14.3	14.7	15.9	17.1	14.0	14.4	15.5	16.7	13.6	14.0	15.2	16.3	12.9	13.3	14.4	15.5	12.0	12.3	13.3	14.3
		S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.89	0.68	0.44
		ΔT	13.7	12.6	10.3	7.1	13.8	12.7	10.4	7.2	13.9	12.8	10.5	7.2	14.0	12.9	10.5	7.3	13.8	12.7	10.4	7.2	12.8	11.8	9.7	6.7
		kW	4.47	4.56	4.70	4.84	4.79	4.89	5.04	5.19	5.08	5.18	5.34	5.51	5.33	5.44	5.61	5.78	5.54	5.66	5.83	6.02	5.72	5.84	6.03	6.22
		Hi PR	1.61	1.73	1.83	1.91	1.80	1.94	2.05	2.14	2.05	2.21	2.33	2.43	2.34	2.52	2.66	2.77	2.63	2.83	2.99	3.12	2.91	3.13	3.30	3.44
		Lo PR	0.72	0.77	0.84	0.89	0.76	0.81	0.89	0.94	0.79	0.84	0.92	0.98	0.83	0.89	0.97	1.03	0.87	0.93	1.01	1.08	0.90	0.96	1.05	1.12

IDB = Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction access fittings (Mpa).

Shaded area reflects ACCA (TVA) Rating Conditions

kW = Total system power

*kW = Total Cooling Capacity

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Expanded Cooling Data (SI Units)

			Outdoor Ambient Temperature (°F)																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature (°F)																							
IDB (°F)	Airflow (SCFM)		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
26.6	1086.2	*kW	16.6	17.0	18.1	19.4	16.2	16.6	17.7	18.9	15.8	16.2	17.3	18.5	15.5	15.8	16.9	18.0	14.7	15.0	16.0	17.1	13.6	13.9	14.9	15.9
		S/T	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.84	0.63	1.00	1.00	0.87	0.65	1.00	1.00	0.90	0.68	1.00	1.00	0.91	0.68
		ΔT	12.7	13.0	11.0	8.8	12.4	12.6	11.1	8.9	12.1	12.3	11.1	8.9	11.8	12.0	11.2	8.9	11.2	11.4	11.0	8.8	10.4	10.6	10.3	8.2
		kW	4.65	4.74	4.88	5.03	4.98	5.08	5.24	5.40	5.28	5.39	5.56	5.73	5.54	5.66	5.84	6.02	5.77	5.89	6.07	6.27	5.96	6.09	6.28	6.48
		Hi PR	1.69	1.82	1.92	2.00	1.90	2.04	2.16	2.25	2.16	2.32	2.45	2.56	2.46	2.65	2.79	2.91	2.77	2.98	3.14	3.28	3.06	3.29	3.47	3.62
		Lo PR	0.38	0.39	0.41	0.44	0.37	0.38	0.40	0.43	0.36	0.37	0.40	0.42	0.35	0.36	0.39	0.41	0.34	0.34	0.37	0.39	0.31	0.32	0.34	0.36
	965.5	*kW	16.1	16.5	17.6	18.8	15.8	16.1	17.2	18.4	15.4	15.7	16.8	18.0	15.0	15.3	**16.4**	17.5	14.3	14.6	15.6	16.6	13.2	13.5	14.4	15.4
		S/T	0.99	0.93	0.76	0.57	1.00	0.96	0.78	0.59	1.00	0.99	0.80	0.60	1.00	1.00	**0.83**	0.62	1.00	1.00	0.86	0.64	1.00	1.00	0.87	0.65
		ΔT	13.7	13.1	11.4	9.1	13.5	13.3	11.6	9.2	13.2	13.3	11.6	9.3	12.9	13.2	**11.7**	9.3	12.2	12.5	11.5	9.2	11.3	11.6	10.7	8.6
		kW	4.61	4.70	4.84	4.99	4.94	5.05	5.20	5.36	5.24	5.35	5.51	5.69	5.50	5.61	**5.79**	5.97	5.72	5.84	6.03	6.22	5.91	6.04	6.23	6.43
		Hi PR	1.67	1.80	1.90	1.98	1.88	2.02	2.14	2.23	2.14	2.30	2.43	2.53	2.43	2.62	**2.77**	2.89	2.74	2.95	3.11	3.25	3.03	3.26	3.44	3.59
		Lo PR	0.35	0.36	0.38	0.41	0.34	0.35	0.37	0.40	0.33	0.34	0.36	0.39	0.33	0.33	**0.36**	0.38	0.31	0.32	0.34	0.36	0.29	0.29	0.31	0.33
	772.4	*kW	14.9	15.2	16.3	17.4	14.5	14.9	15.9	17.0	14.2	14.5	15.5	16.6	13.9	14.2	15.1	16.2	13.2	13.4	14.4	15.4	12.2	12.5	13.3	14.2
		S/T	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.02	0.95	0.78	0.58	1.05	0.98	0.80	0.60	1.00	1.02	0.83	0.62	1.00	1.03	0.84	0.63
		ΔT	15.3	14.6	12.7	10.2	15.5	14.8	12.9	10.3	15.5	14.8	12.9	10.3	15.6	14.9	13.0	10.4	14.1	14.7	12.8	10.2	13.1	13.7	12.0	9.6
		kW	4.51	4.60	4.73	4.88	4.83	4.93	5.08	5.23	5.12	5.22	5.38	5.55	5.37	5.48	5.65	5.83	5.58	5.70	5.88	6.07	5.77	5.89	6.08	6.27
		Hi PR	1.62	1.75	1.85	1.93	1.82	1.96	2.07	2.16	2.07	2.23	2.36	2.46	2.36	2.54	2.68	2.80	2.66	2.86	3.02	3.15	2.93	3.16	3.34	3.48
		Lo PR	0.73	0.78	0.85	0.90	0.77	0.82	0.90	0.95	0.80	0.85	0.93	0.99	0.84	0.90	0.98	1.04	0.88	0.94	1.02	1.09	0.91	0.97	1.06	1.13
29.4	1086.2	*kW	16.9	17.2	18.1	19.3	16.5	16.8	17.6	18.8	16.1	16.4	17.2	18.4	15.7	16.0	16.8	17.9	14.9	15.2	16.0	17.0	13.8	14.1	14.8	15.8
		S/T	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	1.00	0.82	1.00	1.00	1.00	0.84	1.00	1.00	1.00	0.88	1.00	1.00	1.00	0.88
		ΔT	12.9	13.1	13.1	11.3	12.6	12.8	13.2	11.4	12.3	12.5	13.1	11.5	12.0	12.2	12.8	11.5	11.4	11.6	12.2	11.4	10.6	10.8	11.3	10.6
		kW	4.68	4.77	4.92	5.07	5.02	5.12	5.28	5.44	5.32	5.43	5.60	5.78	5.59	5.70	5.88	6.07	5.81	5.93	6.12	6.32	6.01	6.13	6.33	6.54
		Hi PR	1.71	1.84	1.94	2.02	1.92	2.06	2.18	2.27	2.18	2.35	2.48	2.58	2.48	2.67	2.82	2.94	2.79	3.01	3.17	3.31	3.09	3.32	3.51	3.66
		Lo PR	0.39	0.39	0.41	0.44	0.38	0.38	0.40	0.43	0.37	0.38	0.39	0.42	0.36	0.37	0.38	0.41	0.34	0.35	0.36	0.39	0.32	0.32	0.34	0.36
	965.5	*kW	16.4	16.7	17.5	18.7	16.0	16.3	17.1	18.3	15.7	16.0	16.7	17.8	15.3	15.6	16.3	17.4	14.5	14.8	15.5	16.5	13.4	13.7	14.3	15.3
		S/T	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.96	0.78	1.00	1.00	0.99	0.81	1.00	1.00	1.00	0.84	1.00	1.00	1.00	0.84
		ΔT	14.1	14.4	13.6	11.8	13.8	14.0	13.8	11.9	13.4	13.7	13.8	11.9	13.1	13.4	13.9	12.0	12.4	12.7	13.3	11.8	11.5	11.8	12.3	11.1
		kW	4.65	4.74	4.88	5.03	4.98	5.08	5.24	5.40	5.28	5.39	5.56	5.73	5.54	5.66	5.84	6.02	5.77	5.89	6.07	6.27	5.96	6.09	6.28	6.48
		Hi PR	1.69	1.82	1.92	2.00	1.90	2.04	2.16	2.25	2.16	2.32	2.45	2.56	2.46	2.65	2.79	2.91	2.77	2.98	3.14	3.28	3.06	3.29	3.47	3.62
		Lo PR	0.36	0.36	0.38	0.41	0.35	0.35	0.37	0.40	0.34	0.35	0.36	0.39	0.33	0.34	0.35	0.38	0.32	0.32	0.34	0.36	0.29	0.30	0.31	0.33
	772.4	*kW	15.2	15.4	16.2	17.3	14.8	15.1	15.8	16.9	14.4	14.7	15.4	16.5	14.1	14.4	15.0	16.1	13.4	13.7	14.3	15.3	12.4	12.6	13.2	14.1
		S/T	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.99	0.81	1.00	1.00	1.00	0.81
		ΔT	16.2	16.0	15.1	13.1	15.9	16.2	15.3	13.3	15.5	15.8	15.3	13.3	15.1	15.4	15.4	13.4	14.4	14.6	15.2	13.2	13.3	13.6	14.2	12.3
		kW	4.54	4.63	4.77	4.91	4.87	4.97	5.12	5.27	5.16	5.26	5.42	5.59	5.41	5.52	5.70	5.88	5.63	5.75	5.93	6.12	5.81	5.94	6.13	6.32
		Hi PR	1.64	1.77	1.86	1.94	1.84	1.98	2.09	2.18	2.09	2.25	2.38	2.48	2.38	2.57	2.71	2.83	2.68	2.89	3.05	3.18	2.96	3.19	3.37	3.51
		Lo PR	0.74	0.78	0.86	0.91	0.78	0.83	0.90	0.96	0.81	0.86	0.94	1.00	0.85	0.90	0.99	1.05	0.89	0.95	1.03	1.10	0.92	0.98	1.07	1.14

IDB = Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction access fittings (Mpa).

Shaded area reflects AHRI (TVA) Rating Conditions

kW = Total system power

*kW = Total Cooling Capacity

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Airflow Data

Standard Belt Drive — Down Shot

ESP "W.C. [mbar]	0 Turns			1 Turn			2 Turns			3 Turns			4 Turns			5 Turns		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.2 [0.5]	2382	1153	1.14	2229	1105	0.97	2117	1063	0.90	1970	1015	0.61	1850	967	0.51	1723	920	0.46
0.4 [1.0]	2183	1157	1.01	2038	1111	0.87	1880	1068	0.77	1773	1016	0.53	1617	969	0.43	1506	920	0.39
0.6 [1.5]	2019	1161	0.92	1837	1117	0.77	1674	1069	0.68	1529	1018	0.44						
0.8 [2.0]	1822	1163	0.82	1634	1117	0.68												
1.0 [2.5]	1577	1165	0.69															

High-Static Belt Drive — Down Shot

ESP "W.C. [mbar]	0 Turns			1 Turn			2 Turns			3 Turns			4 Turns			5 Turns		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.6 [1.5]	2816	1409	1.91	2679	1354	1.76	2527	1307	1.36	2381	1256	1.18	2181	1198	1.03	2009	1143	0.87
0.8 [1.0]	2638	1416	1.77	2491	1360	1.61	2333	1312	1.23	2170	1261	1.05	1966	1200	0.91	1774	1145	0.75
1.0 [1.5]	2497	1424	1.66	2296	1367	1.47	2123	1318	1.10	1960	1267	0.94	1691	1206	0.77			
1.2 [2.0]	2311	1427	1.51	2100	1375	1.33	1921	1323	0.98	1705	1271	0.80						
1.4 [2.5]	2109	1436	1.37	1894	1378	1.18	1668	1329	0.84									
1.6 [3.0]	1904	1439	1.23	1664	1384	1.04												
1.8 [3.5]	1696	1445	1.09															

Standard Belt Drive — Horizontal

ESP "W.C. [mbar]	0 Turns			1 Turn			2 Turns			3 Turns			4 Turns			5 Turns		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.2 [0.5]	2537	1146	1.23	2379	1099	1.06	2291	1062	0.99	2149	1016	0.69	2033	968	0.58	1899	928	0.52
0.4 [1.0]	2317	1146	1.09	2188	1106	0.95	2074	1064	0.87	1944	1019	0.60	1796	972	0.49	1644	925	0.43
0.6 [1.5]	2100	1152	0.97	1979	1111	0.84	1842	1070	0.76	1695	1022	0.50	1511	971	0.40			
0.8 [2.0]	1898	1158	0.85	1735	1114	0.72	1556	1074	0.62	1379	1026	0.40						
1.0 [2.5]	1642	1161	0.72	1452	1119	0.59												

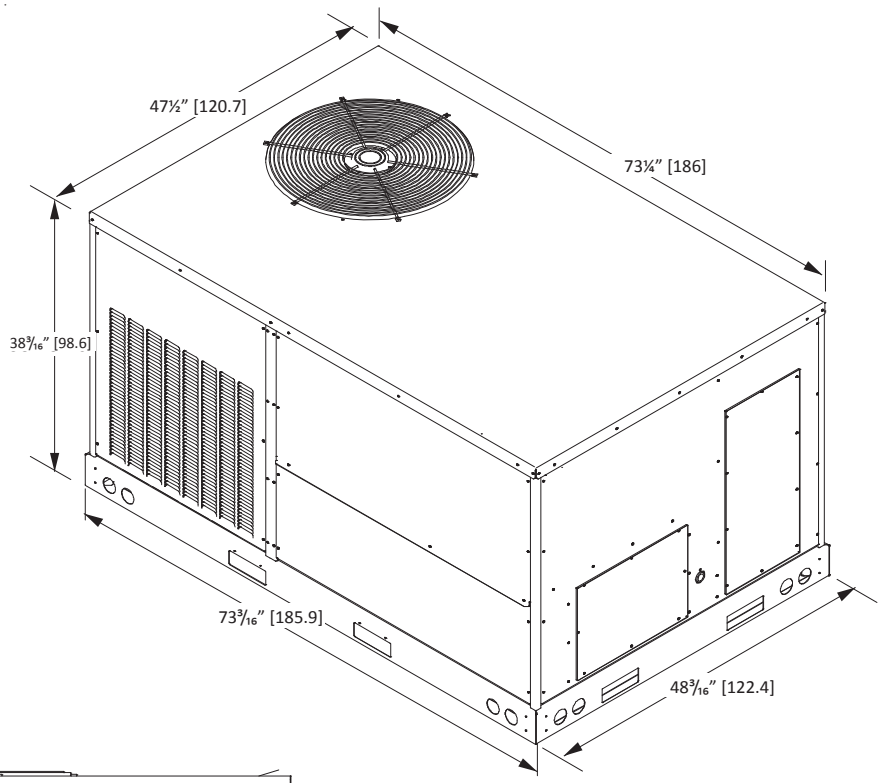
High-Static Belt Drive — Horizontal

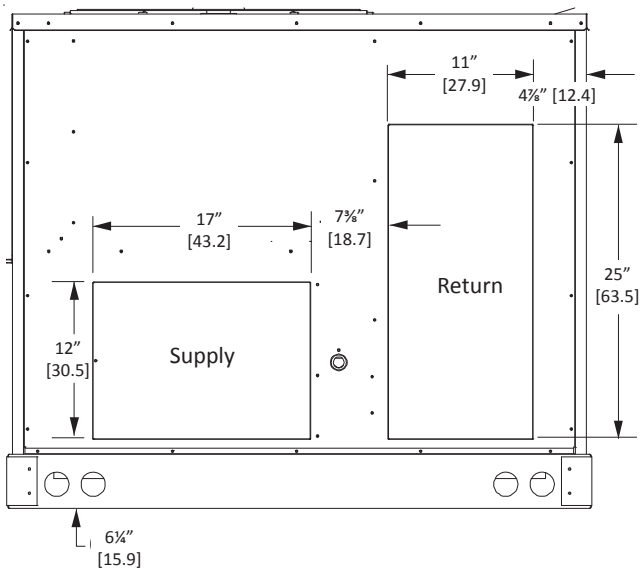
ESP "W.C. [mbar]	0 Turns			1 Turn			2 Turns			3 Turns			4 Turns			5 Turns		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.6 [1.5]	2967	1403	2.04	2792	1349	1.86	2656	1303	1.45	2468	1244	1.23	2330	1194	1.12	2147	1141	0.94
0.8 [1.0]	2815	1412	1.91	2632	1354	1.72	2496	1307	1.34	2281	1250	1.12	2107	1198	0.99	1923	1144	0.82
1.0 [1.5]	2632	1420	1.76	2442	1361	1.58	2285	1312	1.2	2066	1253	0.99	1879	1203	0.86	1633	1150	0.71
1.2 [2.0]	2448	1421	1.62	2248	1370	1.43	2077	1318	1.07	1806	1256	0.85						
1.4 [2.5]	2246	1429	1.46	2036	1377	1.28	1858	1324	0.94									
1.6 [3.0]	2018	1431	1.3	1786	1379	1.11												
1.8 [3.5]	1775	1442	1.14															
2.0 [4.0]	1520	1449	0.99															

Notes

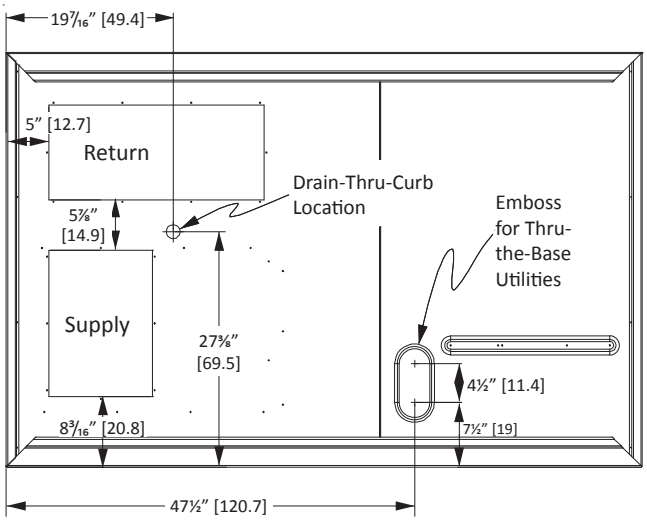
- 1CFM = 1.7m3/hr = 0.47L/S
- 1HP = 0.74KW

Dimensions [cm]





Horizontal Discharge



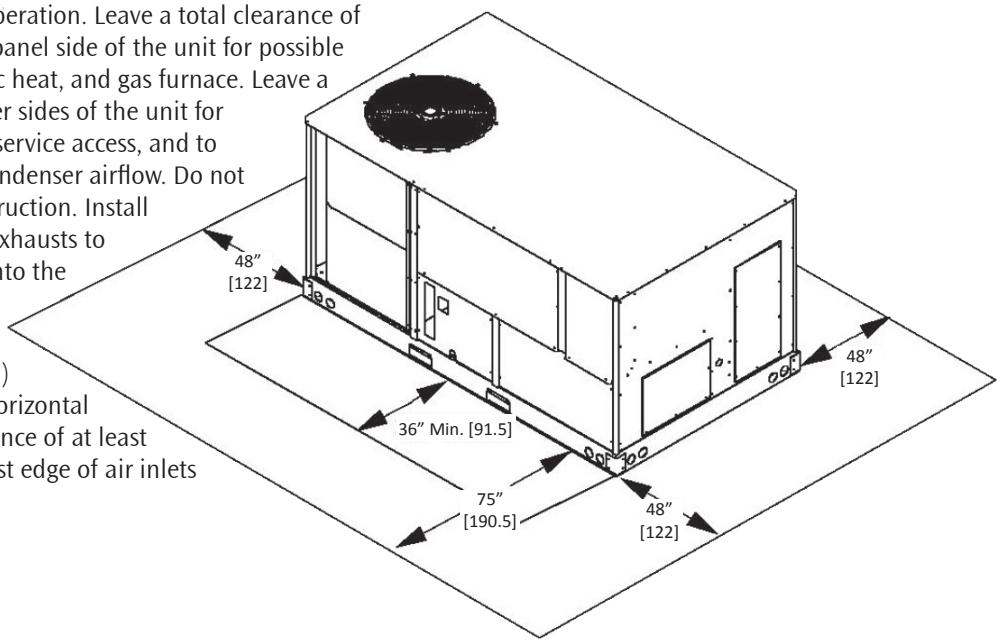
Bottom View of Unit

Vertical Discharge

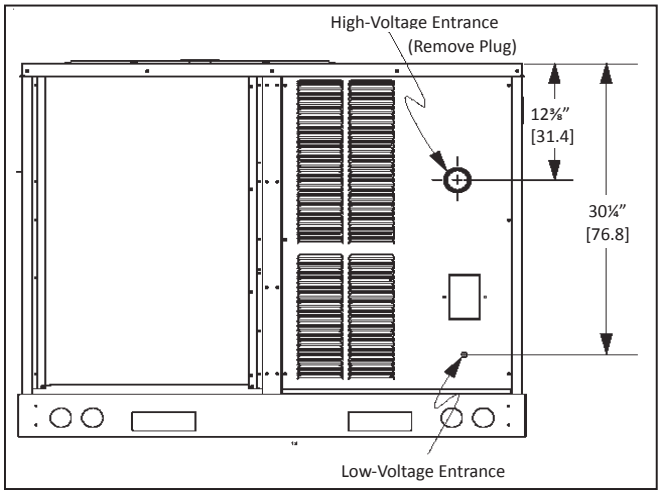
Unit Clearances [cm]

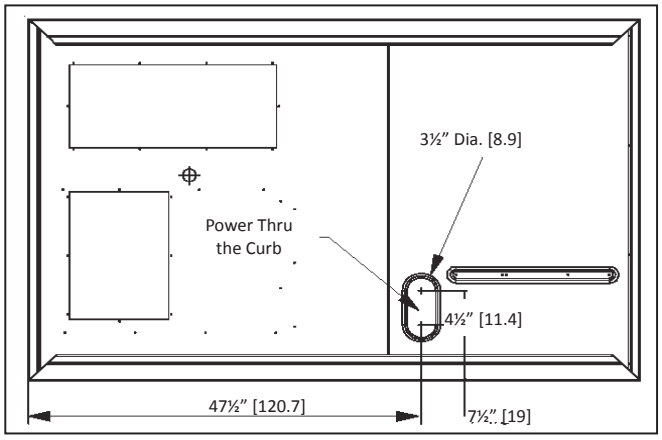
Maintain an adequate clearance around the unit for safety, service, maintenance, and proper unit operation. Leave a total clearance of 75" [190.5] on the main control panel side of the unit for possible removal of fan shaft, coil, electric heat, and gas furnace. Leave a clearance of 48" [122] on all other sides of the unit for possible compressor removal or service access, and to ensure proper ventilation and condenser airflow. Do not install the unit beneath any obstruction. Install the unit away from all building exhausts to inhibit ingestion of exhaust air into the unit's fresh-air intake.

This unit must be installed on a base curb of at least 14" (35.6 cm) height in both the vertical and horizontal applications to maintain a clearance of at least 19.68" (50 cm) between the lowest edge of air inlets and the base of the appliance.

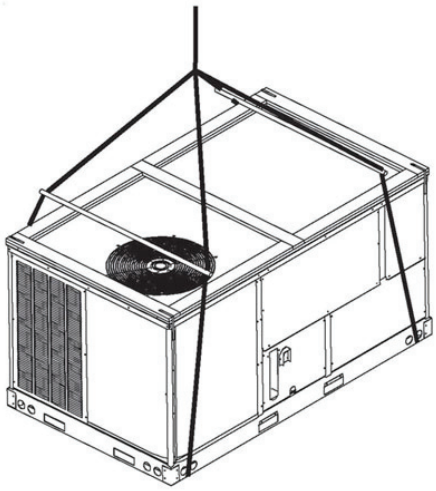


Electrical Entrance Locations





Roof Curb Installation — Rigging



Provisions for forks have been included in the unit base frame. No other fork locations are approved.

- Unit must be lifted by the four lifting holes located at the base frame corners.
- Lifting cables should be attached to the unit with shackles.
- The distance between the crane hook and the top of the unit must not be less than 60" [152.4].
- Two spreader bars must span over the unit to prevent damage to the cabinet by the lift cables. Spreader bars must be of sufficient length so that cables do not come in contact with the unit during transport. Remove wood struts mounted beneath unit base frame before setting unit on roof curb. These struts are intended to protect unit base frame from fork lift damage. To remove the struts, extract the sheet metal retainers and pull the struts through the base of the unit. Refer to rigging label on the unit.

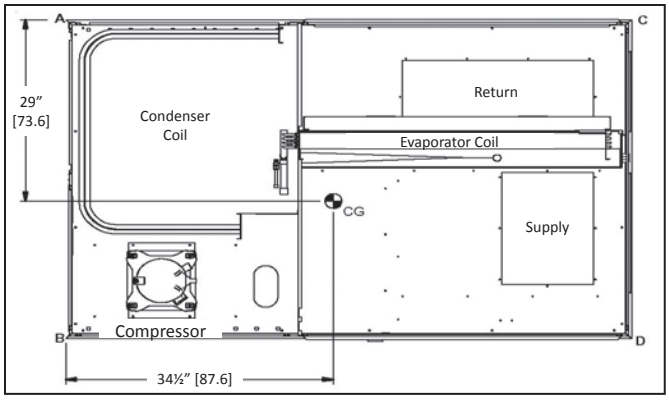
Important: If using bottom discharge with roof curb, duct-work should be attached to the curb prior to installing the unit. Duct-work dimensions are shown in Roof Curb Installation Instructions Manual.

Refer to the Roof Curb Installation Instructions for proper curb installation. Curbing must be installed in compliance with the National Roofing Contractors Association Manual.

Lower unit carefully onto roof mounting curb. While rigging the unit, the center of gravity will cause the condenser end to be lower than the supply air end.

Bring condenser end of unit into alignment with the curb. With condenser end of the unit resting on curb member and using curb as a fulcrum, lower opposite end of the unit until entire unit is seated on the curb. When a rectangular cantilever curb is used, take care to center the unit. Check for proper alignment and orientation of supply and return openings with duct.

Corner & Center-of-Gravity Locations



Unit Weights	5-Ton Weights [kgs]
Corner Weight (A)	136 [62]
Corner Weight (B)	205 [93]
Corner Weight (C)	119 [54]
Corner Weight (D)	180 [82]
Unit Shipping Weight	665 [302]
Unit Operating Weight	640 [290]

Note: Weights are calculated without accessories installed.

Roof Curb Installation (cont.)

Curb installations must comply with local codes and should follow the established guidelines of the National Roofing Contractors Association.

Proper unit installation requires that the roof curb be firmly and permanently attached to the roof structure. Check for adequate fastening method prior to setting the unit on the curb.

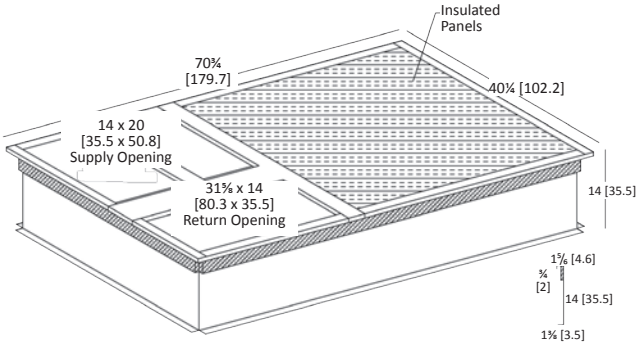
Full perimeter roof curbs are available from the factory and are shipped unassembled. The installing contractor is responsible for field assembly, squaring, leveling, and mounting on the roof structure. All required hardware necessary for the assembly of the sheet metal curb is included in the curb accessory package.

- Determine sufficient structural support before locating and mounting the curb and package unit.
- Duct-work must be constructed using industry guidelines. The duct-work must be placed into the roof curb before mounting the package unit. Our full perimeter curbs include duct connection frames to be assembled with the curb. Cantilevered-type curbs are not available from the factory.
- Contractor furnishes curb insulation, cant strips, flashing, and general roofing material.
- Support curbs on parallel sides with roof members. To prevent damage to the unit, the roof members cannot penetrate supply and return duct openings.

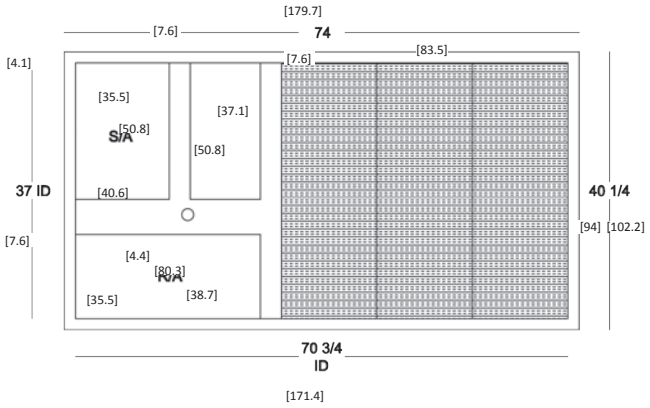
Note: The unit and curb accessories are designed to allow vertical duct installation before unit placement. Duct installation after unit placement is not recommended.

See the manual shipped with the roof curb for assembly and installation instructions.

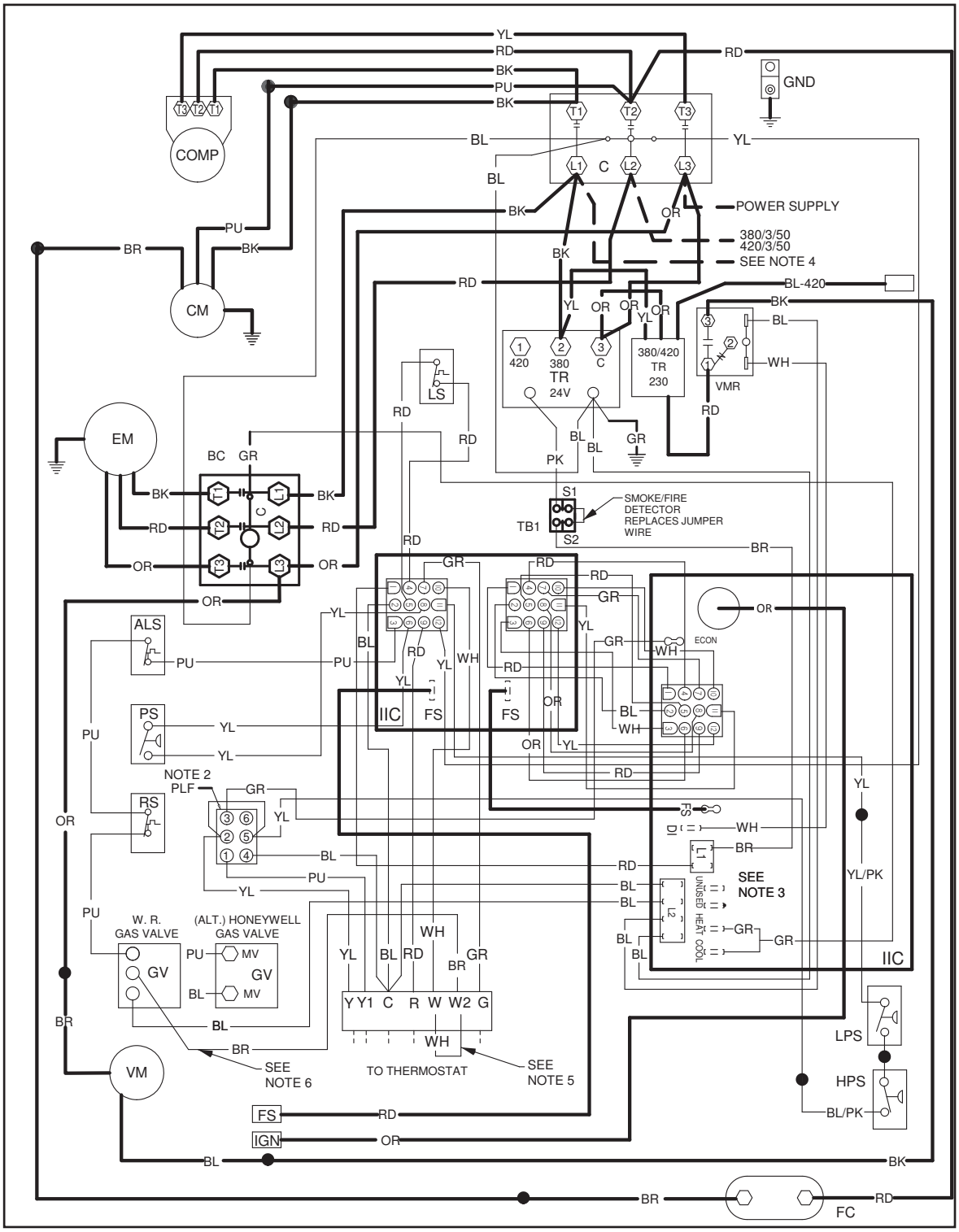
3-D View



Top View



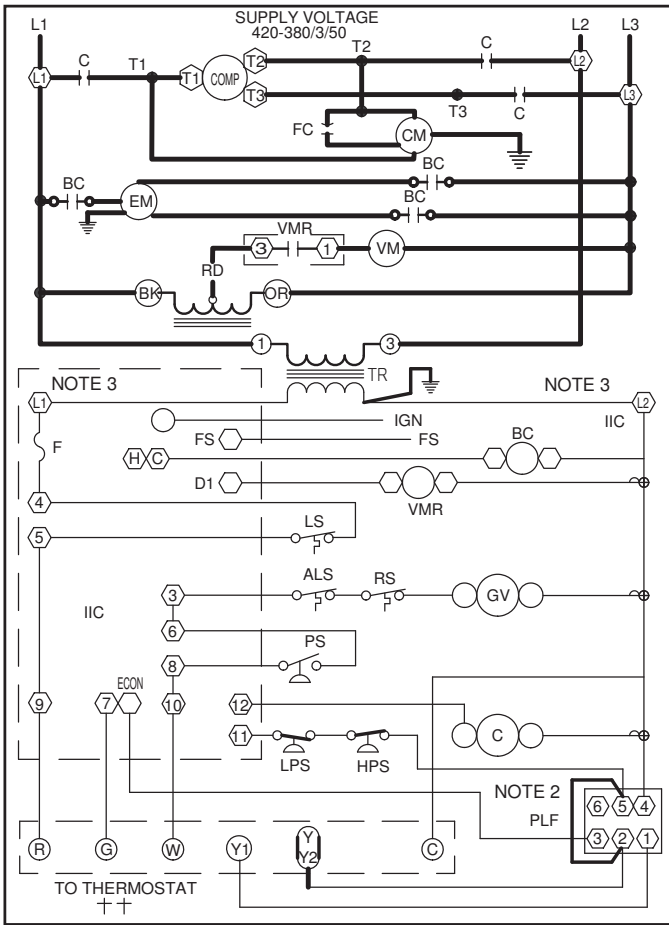
WIRING DIAGRAM



Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

WARNING — **High Voltage:** Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

WIRING DIAGRAM (CONT.)



COMPONENT LEGEND

ALS	AUXILLARY LIMIT SWITCH
BC	BLOWER CONTACTOR
COMP	COMPRESSOR
CM	CONDENSER MOTOR
C	CONTACTOR
EM	EVAPORATOR MOTOR
F	FUSE
FC	FAN CAPACITOR
FS	FLAME SENSOR
GND	EQUIPMENT GROUND
GV	GAS VALVE
HPS	HIGH PRESSURE SWITCH
IBR	INDOOR BLOWER RELAY
IIC	INTEGRATED IGNITION CONTROL
IGN	IGNITOR
LPS	LOW PRESSURE SWITCH
LS	LIMIT SWITCH
PLF	FEMALE PLUG/CONNECTOR
PS	PRESSURE SWITCH
RS	ROLLOUT SWITCH
TB1	TERMINAL BLOCK (24V SIGNAL)
TR	TRANSFORMER
VM	VENT MOTOR
VMR	VENT MOTOR RELAY

FACTORY WIRING
- LINE VOLTAGE
- LOW VOLTAGE
- OPTIONAL HIGH VOLTAGE

FIELD WIRING
- HIGH VOLTAGE
- LOW VOLTAGE

WIRE CODE

BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
OR	ORANGE
PK	PINK
PU	PURPLE
RD	RED
WH	WHITE
YL	YELLOW
BL/PK	BLUE WITH PINK STRIP
YL/PK	YELLOW WITH PINK STRIP

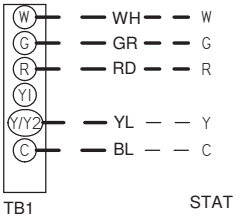
NOTES
1. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. (USE COPPER CONDUCTOR ONLY).
2. ACCESSORY ECONOMIZER PLUG ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO THE ECONOMIZER ACCESSORY.
3. L1 AND L2 ON IIC CONTROL IS 24V INPUT.
4. USE COPPER CONDUCTORS ONLY.
   ++ USE NEC CLASS 2 WIRE.
5. FOR LOW STAGE OPERATION ONLY (APPLIES TO TWO GAS VALVES ONLY). REMOVE WHITE JUMPER FOR 2 STAGE OPERATION, REMOVE JUMPER AND CONNECT W2 TO W2 ON THERMOSTAT.
6. ON A SINGLE STAGE GAS VALVE, BROWN WIRE FROM GV OF GAS VALVE TO W2 OF TERMINAL BOARD IS REMOVED
7. TO CHANGE TO 420V OPERATION REMOVE BK AND YL WIRES FROM TERMINAL 2 ON 24V TRANSFORMER.
   REPLACE BK WIRE FROM L1 TO TERMINAL 1 ON TRANSFORMER AND CONNECT BK WIRE FROM 230V TRANSFORMER TO TERMINAL 1 BY REMOVING THE TERMINAL PROTECTOR AND PUTTING IT ON THE YELLOW LEAD THAT IS NOT BEING USED.

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION.

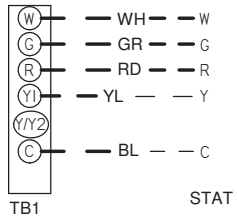
420-380/3/50 0140L00951 REV A

THERMOSTAT FIELD WIRING ++

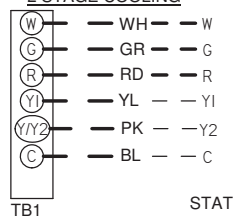
NO ECONOMIZER



WITH ECONOMIZER OPTION



2 STAGE COOLING



INSTALLER/SERVICEMAN

THE STATUS LIGHT ON THE FURNACE CONTROL MAY BE USED AS A GUIDE TO TROUBLESHOOTING THIS APPLIANCE. STATUS LIGHT CODES ARE AS FOLLOWS:

STATUS LIGHT	EQUIP. STATUS	CHECK
ON	NORMAL OPERATION	-
OFF	NO POWER OR INTERNAL CONTROL	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE OPEN ROLLOUT SWITCH OPEN AUX. LIMIT SWITCH	GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR FLAME ROLLOUT BAD SWITCH AUX. LIMIT OPEN
2 BLINKS	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH
3 BLINKS	PRESSURE SWITCH CLOSED WITHOUT INDUCER ON	CHECK PRESSURE SWITCH
4 BLINKS	OPEN LIMIT SWITCH	MAIN LIMIT OPEN BAD SWITCH
5 BLINKS	FALSE FLAME SENSED	STICKING GAS VALVE
6 BLINKS	COMPRESSOR OUTPUT DELAY	3 MIN. COMP. ANTI-CYCLE TIMER

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Accessories

Item #	Description
14CURB3672B	Roof Curb – 14" Tall [35.5 cm]
25FD3672	25% Manual Fresh Air Damper
25MFD3672	25% Motorized Fresh Air Damper
BRD3672	Horizontal Barometric Relief Damper
CDK4872	Concentric Duct Kit
DNECONGS3672B	Downflow Economizer
DNECONGS3672B-NR	Downflow Economizer w/o Barometric Relief
DNSQRRND4872B	Downflow Square-to-Round Adapter 18" Round [45.7 cm]
DNBBS3672B	Burglar Bar Sleeves Includes Supply & Return
GHRC-1	Hurricane Restraint Clip
HAILGD03	Condenser Coil Hail Guard
HAILGD04	Condenser Coil Hail Guard
HSKT060B-50HZ	High-Static Kit (380v / 50 Hz)
HZECONGS3672B	Horizontal Economizer
LAKT01	Low-Ambient Kit
LPT-04	LP Conversion Kit

Notes