



Air Conditioning & Heating

PRODUCT SPECIFICATIONS



13 SEER / 11.3 EER
80% AFUE

SINGLE-PHASE- & THREE-PHASE

COOLING CAPACITY: 35,000 — 59,500 BTU/H

HEATING CAPACITY: 56,000 — 112,000 BTU/H



* Full warranty details available at www.goodmanmfg.com.

CPG COMMERCIAL

3- TO 5-TON SELF-CONTAINED PACKAGED GAS/ELECTRIC UNITS

The Goodman® brand CPG Commercial Packaged Gas/Electric Units feature the chlorine-free refrigerant R-410A. Other features include our patented TuffTube™ dual-diameter tubular heat exchanger and a high-efficiency scroll compressor. These units are housed in a heavy-gauge, galvanized-steel cabinet with UV-resistant power-paint finish.

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
- Single-point entry
- 24-volt terminal strip
- Convertible
- Easy to service
- Built-in filter rack with standard 2" filters
- Bottom utility entry
- Complies with California NOx emissions standards
- ARI Certified; ETL Listed

Cabinet Features

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

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NOMENCLATURE

	C	P	G	060	115	1	D	X	X	X
	1	2	3	4,5,6	7,8,9	10	11	12	13	14
Brand										
C Commercial									X	No Features
Configuration										
P Packaged Multi-Position									X	No Treatment / Standard
Application									S	Stainless Steel Heat Exchanger
C Cooling										
G Gas Heat										
H Heat Pump										
Nominal Gross Cooling Capacity										
036 3 Tons										
048 4 Tons										
060 5 Tons										
072 6 Tons										
090 7½ Tons										
120 10 Tons										
Heating Capacity										
Gas Heat (CPG)										
045 45,000 BTU/h										
070 70,000 BTU/h										
090 90,000 BTU/h										
115 115,000 BTU/h										
140 140,000 BTU/h										
Auxiliary Electric Heat (CPC/CPH)										
XXX No Heat										

PRODUCT SPECIFICATIONS — CPG036

	CPG036 0451D**B	CPG036 0453D**B	CPG036 0453B**B	CPG036 0454B**B
COOLING CAPACITY				
Total BTU/h	34,600	34,600	34,600	34,600
Sensible BTU/h	25,600	25,600	25,600	25,600
SEER / EER	13 / 11.3	13 / 11.3	13 / 11.3	13 / 11.3
Decibels	78	78	78	78
AHRI Reference #s	3292734	3292735	3292735	3292736
HEATING CAPACITY				
Max. Input / Output kBTU/h	46 / 36.8	46 / 36.8	46 / 36.8	46 / 36.8
Steady State Efficiency (AFUE)	80	80	80	80
Temperature Rise Range (°F)	25-55	25-55	25-55	25-55
No. of Burners	2	2	2	2
EVAPORATOR MOTOR / COIL				
Motor Type	Direct Drive	Direct Drive	Belt Drive	Belt Drive
# of Wheels (D x W)	1 (10" x 9")	1 (10" x 9")	1 (11" x 10")	1 (11" x 10")
Indoor Nominal CFM	1,200	1,200	1,200	1,200
Motor Speed Tap (Cooling)	Low Speed	Low Speed	---	---
Indoor motor FLA (Cooling)	2.50	2.50	3.8	1.9
Horsepower - RPM	1/3 - 890	1/3 - 890	1.0 - 1725	1.0 - 1725
Piston Size (Cooling)	0.072	0.072	0.072	0.072
Filter Size (")	(1) 24 x 24 x 2	(1) 24 x 24 x 2	(1) 24 x 24 x 2	(1) 24 x 24 x 2
Drain Size (NPT)	3/4"	3/4"	3/4"	3/4"
R-410A Refrigerant Charge Cir #1(oz.)	83	83	85	83
Evaporator Coil Face Area (ft²)	5.4	5.4	5.4	5.4
Rows Deep/ Fins per Inch	3/16	3/16	3/16	3/16
BELT DRIVE EVAP FAN DATA				
# of Wheels (D x W)	---	---	1 (11" x 10")	1 (11" x 10")
Motor Sheave / Blower Sheave	---	---	1VL40 X 5/8 / AK69 X 1	
Belt	---	---	AX55	AX55
CONDENSER FAN / COIL				
Quantity of Condenser Fan Motors	1	1	1	1
Horsepower - RPM	1/4 / 1,090	1/4 / 1,090	1/4 / 1,090	1/4 - 890
Fan Diameter/ # Fan Blades	22/4	22/4	22/4	22/4
Outdoor Nominal CFM	3,800	3,800	3,800	3,800
Face Area (ft²)	17.0	17.0	17.0	17.0
Rows Deep/ Fins per Inch	1 / 24	1 / 24	1 / 24	1 / 24
COMPRESSOR				
Quantity / Stage	1 / Single	1 / Single	1 / Single	1 / Single
Type	Scroll	Scroll	Scroll	Scroll
Compressor RLA / LRA	16.7 / 79.0	10.4 / 73.0	10.4 / 73.0	5.8 / 38.0
ELECTRICAL DATA				
Voltage-Phase-Frequency	208/230-1-60	208/230-3-60	208/230-3-60	460-3-60
Indoor Blower HP / FLA	1/3 / 2.5	1/3 / 2.5	1 / 3.8	1 / 1.9
Max External Static	0.5"	0.5"	0.7"	0.7"
Outdoor Fan HP / RLA	1/4 / 1.4	1/4 / 1.4	1/4 / 1.4	1/4 / 0.8
Total Unit Amps	20.57	14.35	15.65	8.47
Min. Circuit Ampacity ¹	25	17	18	10
Max. Overcurrent Protection (amps) ²	40	25	25	15
Power Supply Conduit Hole / Knockout	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole	1/2"	1/2"	1/2"	1/2"
OPERATING WEIGHT (LBS)	525	525	525	525
SHIP WEIGHT (LBS)	550	550	550	550

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.

PRODUCT SPECIFICATIONS — CPG036 (cont.)

	CPG036 0701D***	CPG036 0703D***	CPG036 0703B***	CPG036 0704B***
COOLING CAPACITY				
Total BTU/h	35,000	35,000	35,000	35,000
Sensible BTU/h	25,900	25,900	25,900	25,900
SEER / EER	13 / 11.3	13 / 11.3	13 / 11.3	13 / 11.3
Decibels	76.5	76.5	76.5	76.5
AHRI Reference #s	3012033	3012034	3012034	3012035
HEATING CAPACITY				
Max. Input / Output BTU/h	70 / 56	70 / 56	70 / 56	70 / 56
Steady State Efficiency (AFUE)	80	80	80	80
Temperature Rise Range (°F)	30-60	30-60	30-60	30-60
No. of Burners	2	2	2	2
EVAPORATOR MOTOR / COIL				
Motor Type	Direct Drive	Direct Drive	Belt Drive	Belt Drive
# of Wheels (D x W)	1 (10" x 9")	1 (10" x 9")	1 (11" x 10")	1 (11" x 10")
Indoor Nominal CFM	1,200	1,200	1,200	1,200
Motor Speed Tap (Cooling)	Low Speed	Low Speed	---	---
Indoor motor FLA (Cooling)	2.50	2.50	3.8	1.9
Horsepower - RPM	1/3 - 890	1/3 - 890	1.0 - 1725	1.0 - 1725
Piston Size (Cooling)	0.068	0.068	0.068	0.068
Filter Size (")	(4) 14 x 20 x 2	(4) 14 x 20 x 2	(4) 14 x 20 x 2	(4) 14 x 20 x 2
Drain Size (NPT)	3/4"	3/4"	3/4"	3/4"
R-410A Refrigerant Charge Cir #1(oz.)	90	88	90	90
Evaporator Coil Face Area (ft²)	5.4	5.4	5.4	5.4
Rows Deep/ Fins per Inch	3/16	3/16	3/16	3/16
BELT DRIVE EVAP FAN DATA				
# of Wheels (D x W)	---	---	1 (11" x 10")	1 (11" x 10")
Motor Sheave / Blower Sheave	---	---	1VL40 X 5/8 / AK69 X 1	
Belt	---	---	AX41	AX41
CONDENSER FAN / COIL				
Quantity of Condenser Fan Motors	1	1	1	1
Horsepower - RPM	1/4 / 1,090	1/4 / 1,090	1/4 / 1,090	1/4 - 890
Fan Diameter/ # Fan Blades	22/4	22/4	22/4	22/4
Outdoor Nominal CFM	3,800	3,800	3,800	3,800
Face Area (ft²)	18	18	18	18
Rows Deep/ Fins per Inch	1 / 22	1 / 22	1 / 22	1 / 22
COMPRESSOR				
Quantity / Stage	1 / Single	1 / Single	1 / Single	1 / Single
Type	Scroll	Scroll	Scroll	Scroll
Compressor RLA / LRA	16.7 / 79.0	10.5 / 73.0	10.5 / 73.0	5.8 / 38.0
ELECTRICAL DATA				
Voltage-Phase-Frequency	208/230-1-60	208/230-3-60	208/230-3-60	460-3-60
Indoor Blower HP / FLA	1/2 / 2.5	1/2 / 2.5	1 / 3.8	1 / 1.9
Max External Static	0.5"	0.5"	0.7"	0.7"
Outdoor Fan HP / RLA	1/4 / 1.4	1/4 / 1.4	1/4 / 1.4	1/4 / 0.8
Total Unit Amps	20.57	14.35	15.65	8.47
Min. Circuit Ampacity ¹	25	17	18	10
Max. Overcurrent Protection (amps) ²	40	25	25	15
Entrance Power Supply	Locating Dimple	Locating Dimple	Locating Dimple	Locating Dimple
Entrance Control Voltage				
OPERATING WEIGHT (LBS)	660	660	660	660
SHIP WEIGHT (LBS)	680	680	680	680

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.

PRODUCT SPECIFICATIONS — CPG036 (cont.)

	CPG036 0901D**B	CPG036 0903D**B	CPG036 0903B**B	CPG036 0904B**B	CPG036 0907B**B
COOLING CAPACITY					
Total BTU/h	34,600	34,600	34,600	34,600	35,000
Sensible BTU/h	25,600	25,600	25,600	25,600	25,900
SEER / EER	13 / 11.3	13 / 11.3	13 / 11.3	13 / 11.3	13 / 11.3
Decibels	78	78	78	78	78
AHRI #s	3292734	3292735	3292735	3292736	3292737
HEATING CAPACITY					
Hi. Input / Output BTU/h	92 / 74	92 / 74	92 / 74	92 / 74	92 / 74
Low. Input / Output kBTU/h	69 / 55	69 / 55	69 / 55	69 / 55	69 / 55
Steady State Efficiency (AFUE)	80	80	80	80	80
Temperature Rise Range (°F) Hi / Low	40-70 / 30-60	40-70 / 30-60	40-70 / 30-60	40-70 / 30-60	40-70 / 30-60
No. of Burners	4	4	4	4	3
EVAPORATOR MOTOR / COIL					
Motor Type	Direct Drive	Direct Drive	Belt Drive	Belt Drive	Belt Drive
# of Wheels (D x W)	1 (10" x 9")	1 (10" x 9")	1 (11" x 10")	1 (11" x 10")	1 (11" x 10")
Indoor Nominal CFM	1,200	1,200	1,200	1,200	1,200
Motor Speed Tap (Cooling)	Low Speed	Low Speed	---	---	---
Indoor Motor FLA (Cooling)	2.50	2.50	3.8	1.9	1.9
Horsepower - RPM	1/3 - 890	1/3 - 890	1.0 - 1,725	1.0 - 1,725	1.0 - 1,725
Piston Size (Cooling)	0.068	0.068	0.068	0.068	0.068
Filter Size (")	(1) 24 x 24 x 2	(1) 24 x 24 x 2	(1) 24 x 24 x 2	(1) 24 x 24 x 2	(1) 24 x 24 x 2
Drain Size (NPT)	3/4"	3/4"	3/4"	3/4"	3/4"
R-410A Refrigerant Charge Cir #1(oz.)	90	83	83	90	90
Evaporator Coil Face Area (ft²)	5.4	5.4	5.4	5.4	5.4
Rows Deep / Fins per Inch	3 / 16	3 / 16	3 / 16	3 / 16	3 / 16
BELT DRIVE EVAP FAN DATA					
# of Wheels (D x W)	---	---	1 (11" x 10")	1 (11" x 10")	1 (11" x 10")
Motor Sheave / Blower Sheave	---	---	1VL40 X 5/8 / AK69 X 1		
Belt	---	---	AX55	AX55	AX55
CONDENSER FAN / COIL					
Quantity of Condenser Fan Motors	1	1	1	1	1
Horsepower - RPM	1/4 / 1,090	1/4 / 1,090	1/4 / 1,090	1/4 - 890	1/4 - 1,075
Fan Diameter/ # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4	22 / 4
Outdoor Nominal CFM	3,800	3,800	3,800	3,800	3,800
Face Area (ft²)	18.0	18.0	18	18	13
Rows Deep/ Fins per Inch	1 / 22	1 / 22	1 / 22	1 / 22	2 / 16
COMPRESSOR					
Quantity / Stage	1 / Single	1 / Single	1 / Single	1 / Single	1 / Single
Type	Scroll	Scroll	Scroll	Scroll	Scroll
Compressor RLA / LRA	16.7 / 79.0	10.4 / 73.0	10.4 / 73.0	5.8 / 38.0	3.8 / 36.5
ELECTRICAL DATA					
Voltage-Phase-Frequency	208/230-1-60	208/230-3-60	208/230-3-60	460-3-60	575-3-60
Quantity of Compressors	1	1	1	1	1
Indoor Blower HP / FLA	1/3 / 2.5	1/3 / 2.5	1 / 3.8	1 / 1.9	1 / 1.9
Max External Static	0.5"	0.5"	0.7"	0.7"	0.7"
Outdoor Fan HP / RLA	1/4 / 1.4	1/4 / 1.4	1/4 / 1.4	1/4 / 0.8	1/4 / 0.8
Total Unit Amps	20.57	14.35	15.65	8.47	6.68
Min. Circuit Ampacity¹	25	17	18	10	8
Max. Overcurrent Protection (amps)²	40	25	25	15	15
Power Supply Conduit Hole	1.125	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole	1/2"	1/2"	1/2"	1/2"	1/2"
OPERATING WEIGHT (LBS)	535	535	535	535	535
SHIP WEIGHT (LBS)	560	560	560	560	560

See Notes on previous page.

PRODUCT SPECIFICATIONS — CPG036 (cont.)

	CPG036 1051D***	CPG036 1053D***	CPG036 1053B***	CPG036 1054B***
COOLING CAPACITY				
Total BTU/h	35,000	35,000	35,000	35,000
Sensible BTU/h	25,900	25,900	25,900	25,900
SEER / EER	13 / 11.3	13 / 11.3	13 / 11.3	13 / 11.3
Decibels	76.5	76.5	76.5	76.5
ARI Reference #s	3012033	3012034	3012034	3012035
HEATING CAPACITY				
Max. Input / Output BTU/h	105 / 84	105 / 84	105 / 84	105 / 84
Steady State Efficiency (AFUE)	80	80	80	80
Temperature Rise Range (°F)	30-65	30-65	30-65	30-65
No. of Burners	3	3	3	3
EVAPORATOR MOTOR / COIL				
Motor Type	Direct Drive	Direct Drive	Belt Drive	Belt Drive
# of Wheels (D x W)	1 (10" x 9")	1 (10" x 9")	1 (11" x 10")	1 (11" x 10")
Indoor Nominal CFM	1,200	1,200	1,200	1,200
Motor Speed Tap (Cooling)	Low Speed	Low Speed	---	---
Indoor motor FLA (Cooling)	2.50	2.50	3.8	1.9
Horsepower - RPM	⅓ - 890	⅓ - 890	1.0 - 1,725	1.0 - 1,725
Piston Size (Cooling)	0.068	0.068	0.068	0.068
Drain Size (NPT)	¾"	¾"	¾"	¾"
R-410A Refrigerant Charge Cir #1(oz.)	90	90	88	90
Evaporator Coil Face Area (ft²)	5.4	5.4	5.4	5.4
Rows Deep/ Fins per Inch	3 / 16	3 / 16	3 / 16	3 / 16
BELT DRIVE EVAP FAN DATA				
# of Wheels (D x W)	---	---	1 (11" x 10")	1 (11" x 10")
Motor Sheave / Blower Sheave	---	---	1VL40 X ⅝ / AK69 X 1	
Belt	---	---	AX41	AX41
CONDENSER FAN / COIL				
Quantity of condenser Fan Motors	1	1	1	1
Horsepower - RPM	¼ / 1,090	¼ / 1,090	¼ / 1,090	¼ - 890
Fan Diameter/ # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4
Outdoor Nominal CFM	3,800	3,800	3,800	3,800
Face Area (ft²)	18.0	18.0	18	18
Rows Deep/ Fins per Inch	1 / 22	1 / 22	1 / 22	1 / 22
COMPRESSOR				
Quantity / Stage	1 / Single	1 / Single	1 / Single	1 / Single
Type	Scroll	Scroll	Scroll	Scroll
Compressor RLA / LRA	16.7 / 79.0	10.5 / 73.0	10.5 / 73.0	5.8 / 38.0
ELECTRICAL DATA				
Voltage-Phase-Frequency	208/230-1-60	208/230-3-60	208/230-3-60	460-3-60
Indoor Blower HP / FLA	⅓ / 2.5	⅓ / 2.5	1 / 3.8	1 / 1.9
Max External Static	0.5"	0.5"	0.7"	0.7"
Outdoor Fan HP / RLA	¼ / 1.4	¼ / 1.4	¼ / 1.4	¼ / 0.8
Total Unit Amps	20.57	14.35	15.65	8.47
Min. Circuit Ampacity¹	25	17	18	10
Max. Overcurrent Protection (amps)²	40	25	25	15
Entrance Power Supply	Locating Dimple	Locating Dimple	Locating Dimple	Locating Dimple
Entrance Control Voltage				
OPERATING WEIGHT (LBS)	660	660	660	660
SHIP WEIGHT (LBS)	680	680	680	680

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.

PRODUCT SPECIFICATIONS — CPG048

	CPG048 0701D**A	CPG048 0703D**A	CPG048 0703B**A	CPG048 0704B**A
COOLING CAPACITY				
Total BTU/h	46,000	46,000	46,000	46,000
Sensible BTU/h	35,400	35,400	35,400	35,400
SEER / EER	13.0 / 11.3	13.0 / 11.3	13.0 / 11.3	13.0 / 11.3
Decibels	79.0	79.0	79.0	79.0
ARI Reference #s	3012037	3012038	3012038	3012039
HEATING CAPACITY				
Max. Input BTU/h	70,000	70,000	70,000	70,000
Output BTU/h	56,000	56,000	56,000	56,000
Steady State Efficiency	80	80	80	80
Temperature Rise Range (°F)	25-55	25-55	25-55	25-55
No. of Burners	2	2	2	2
EVAPORATOR MOTOR / COIL				
Motor Type	Direct Drive	Direct Drive	Belt Drive	Belt Drive
Indoor Nominal CFM	1,600	1,600	1,600	1,600
Motor Speed Tap (Cooling)	Medium	Medium	---	---
Indoor Motor FLA (Cooling)	2.87	2.87	3.8	1.9
Horsepower - RPM	½ - 1,000	½ - 1,000	1.0 / 1,725	1.0 / 1,725
Piston Size (Cooling)	0.076	0.076	0.076	0.076
Filter Size (#)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)
Drain Size (NPT)	¾"	¾"	¾"	¾"
R-410A Refrigerant Charge (oz.)	108	110	110	110
Evaporator Coil Face Area (ft²)	7.8	7.8	7.8	7.8
Rows Deep / Fins per Inch	4 / 16	4 / 16	4 / 16	4 / 16
BELT DRIVE EVAP FAN DATA				
# of Wheels (D" x W")	(1) 10 x 9	(1) 10 x 9	(1) 11 x 10	(1) 11 x 10
Motor Sheave / Blower Sheave	---	---	VL44 X 5/8 / AK66 X 1	
Belt	---	---	AX41	AX41
CONDENSER FAN / COIL				
Quantity of condenser Fan Motors	1	1	1	1
Horsepower - RPM	¼ - 1,090	¼ - 1,090	¼ - 1,090	¼ - 890
Fan Diameter / # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4
Outdoor Nominal CFM	3,800	3,800	3,800	3,800
Face Area (ft²)	18.0	18.0	18.0	18.0
Rows Deep / Fins per Inch	1 / 22	1 / 22	1 / 22	1 / 22
COMPRESSOR				
Quantity / Stage	1 / Single	1 / Single	1 / Single	1 / Single
Type	Scroll	Scroll	Scroll	Scroll
Compressor RLA / LRA	19.9 / 109	13.1 / 83.1	13.1 / 83.1	6.1 / 41
ELECTRICAL DATA				
Voltage-Phase-Frequency	208/230-1-60	208/230-3-60	208/230-3-60	460-3-60
Max External Static	0.6"	0.6"	0.8"	0.8"
Outdoor Fan RLA	1.40	1.40	1.40	0.80
Total Unit Amps	24.1	17.4	18.3	8.8
Min. Circuit Ampacity ¹	29	21	22	10
Max. Overcurrent Protection (amps) ²	45	30	30	15
Entrance Power Supply	Locating Dimple	Locating Dimple	Locating Dimple	Locating Dimple
Entrance Control Voltage				
OPERATING WEIGHT (LBS)	665	665	665	665
SHIP WEIGHT (LBS)	685	685	685	685

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.

PRODUCT SPECIFICATIONS — CPG048 (cont.)

	CPG048 0901D**B	CPG048 0903D**B	CPG048 0903B**B	CPG048 0904B**B
Cooling Capacity				
Total BTU/h	45,500	45,500	45,500	45,500
Sensible BTU/h	35,000	35,000	35,000	35,000
SEER / EER	13.0 / 11.3	13.0 / 11.3	13.0 / 11.3	13.0 / 11.3
Decibels	78	78	78	78
AHRI Reference #s	3292738	3292739	3292739	3292740
Heating Capacity				
Max. Input /Output kBTU/h	92 / 74	92 / 74	92 / 74	92 / 74
Low Input /Output kBTU/h	69 / 55	69 / 55	69 / 55	69 / 55
Steady State Efficiency (AFUE)	80	80	80	80
Temperature Rise Range (°F) Hi / Low	30-60 / 15-45	30-60 / 15-45	30-60 / 15-45	30-60 / 15-45
No. of Burners	4	4	4	4
Evaporator Motor / Coil				
Motor Type	Direct Drive	Direct Drive	Belt Drive	Belt Drive
Indoor Nominal CFM	1,600	1,600	1,600	1,600
Motor Speed Tap (Cooling)	Medium	Medium	---	---
Indoor Motor FLA (Cooling)	2.87	2.87	3.8	1.9
Horsepower - RPM	½ - 1,000	½ - 1,000	1.0 / 1,725	1.0 / 1,725
Piston Size (Cooling)	0.076	0.076	0.076	0.076
Filter Size (#)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)
Drain Size (NPT)	¾"	¾"	¾"	¾"
R-410A Refrigerant Charge (oz.)	103	103	105	103
Evaporator Coil Face Area (ft²)	7.0	7.0	7.0	7.0
Rows Deep / Fins per Inch	4 / 16	4 / 16	4 / 16	4 / 16
Belt Drive Evap Fan Data				
# of Wheels (D" x W")	---	---	(1) 11 x 10	(1) 11 x 10
Motor Sheave / Blower Sheave	---	---	VL44 X 5/8 / AK66 X 1	
Belt	---	---	AX55	AX55
Condenser Fan / Coil				
Quantity of Condenser Fan Motors	1	1	1	1
Horsepower - RPM	¼ - 1,090	¼ - 1,090	¼ - 1,090	¼ - 890
Fan Diameter / # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4
Outdoor Nominal CFM	3,800	3,800	3,800	3,800
Face Area (ft²)	17.0	17.0	17.0	17.0
Rows Deep / Fins per Inch	1 / 24	1 / 24	1 / 24	1 / 24
COMPRESSOR				
Quantity / Stage	1 / Single	1 / Single	1 / Single	1 / Single
Type	Scroll	Scroll	Scroll	Scroll
Compressor RLA / LRA	19.9 / 109	13.1 / 83.1	13.1 / 83.1	6.1 / 41
Electrical Data				
Voltage-Phase-Frequency	208/230-1-60	208/230-3-60	208/230-3-60	460-3-60
Max External Static	0.5"	0.5"	1.0"	1.0"
Outdoor Fan RLA	1.40	1.40	1.40	0.80
Total Unit Amps	24.1	17.4	18.3	8.8
Min. Circuit Ampacity¹	29	21	22	10
Max. Overcurrent Protection (amps)²	45	30	30	15
Power Supply Conduit Hole	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole	½"	½"	½"	½"
Operating Weight (lbs)	575	575	575	575
Ship Weight (lbs)	600	600	600	600

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.

PRODUCT SPECIFICATIONS — CPG048 (cont.)

	CPG048 1051D**A	CPG048 1053D**A	CPG048 1053B**A	CPG048 1054B**A	CPG048 1057B**A
Cooling Capacity					
Total BTU/h	46,000	46,000	46,000	46,000	46,000
Sensible BTU/h	35,400	35,400	35,400	35,400	35,400
SEER / EER	13.0 / 11.3	13.0 / 11.3	13.0 / 11.3	13.0 / 11.3	13.0 / 11.3
Decibels	79.0	79.0	79.0	79.0	79.0
AHRI Reference #s	3012037	3012038	3012038	3012039	3012040
Heating Capacity					
Max. Input BTU/h	105,000	105,000	105,000	105,000	105,000
Output BTU/h	84,000	84,000	84,000	84,000	84,000
Steady State Efficiency (AFUE)	80	80	80	80	80
Temperature Rise Range (°F)	30-65	30-65	30-65	30-65	30-65
No. of Burners	3	3	3	3	3
Evaporator Motor / Coil					
Motor Type	Direct Drive	Direct Drive	Belt Drive	Belt Drive	Belt Drive
Indoor Nominal CFM	1,600	1,600	1,600	1,600	1,600
Motor Speed Tap (Cooling)	Medium	Medium	--	--	--
Indoor motor FLA (Cooling)	2.87	2.87	3.8	1.9	2.3
Horsepower - RPM	½ - 1,000	½ - 1,000	1.0 / 1,725	1.0 / 1,725	1½ / 1,725
Piston Size (Cooling)	0.076	0.076	0.076	0.076	0.076
Filter Size (#)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"
R-410A Refrigerant Charge Cir #1(oz.)	110	108	110	110	110
Evaporator Coil Face Area (ft²)	7.8	7.8	7.8	7.8	7.8
Rows Deep / Fins per Inch	4 / 16	4 / 16	4 / 16	4 / 16	4 / 16
Belt Drive Evap Fan Data					
# of Wheels (D" x W")	(1) 10 x 9	(1) 10 x 9	(1) 11 x 10	(1) 11 x 10	(1) 11 x 10
Motor Sheave / Blower Sheave	---	---	VL44 X ¾" / AK66 X 1		
Belt	---	---	AX41	AX41	AX41
Condenser Fan / Coil					
Quantity of Condenser Fan Motors	1	1	1	1	1
Horsepower - RPM	¼ - 1,090	¼ - 1,090	¼ - 1,090	¼ - 890	¼ - 1,075
Fan Diameter / # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4	22 / 4
Outdoor Nominal CFM	3,800	3,800	3,800	3,800	3,800
Face Area (ft²)	18.0	18.0	18.0	18.0	18.0
Rows Deep/ Fins per Inch	1 / 22	1 / 22	1 / 22	1 / 22	1 / 22
COMPRESSOR					
Quantity / Stage	1 / Single	1 / Single	1 / Single	1 / Single	1 / Single
Type	Scroll	Scroll	Scroll	Scroll	Scroll
Compressor RLA / LRA	19.9 / 109	13.1 / 83.1	13.1 / 83.1	6.1 / 41	4.4 / 33
Electrical Data					
Voltage-Phase-Frequency	208/230-1-60	208/230-3-60	208/230-3-60	460-3-60	575-3-60
Max External Static	0.6"	0.6"	0.8"	0.8"	0.8"
Outdoor Fan RLA	1.40	1.40	1.40	0.80	0.60
Total Unit Amps	24.1	17.4	18.3	8.8	7.3
Min. Circuit Ampacity ¹	29	21	22	10	8
Max. Overcurrent Protection (amps) ²	45	30	30	15	10
Entrance Power Supply	Locating Dimple	Locating Dimple	Locating Dimple	Locating Dimple	Locating Dimple
Entrance Control Voltage					
Operating Weight (lbs)	665	665	665	665	665
Ship Weight (lbs)	685	685	685	685	685

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.

PRODUCT SPECIFICATIONS — CPG048 (cont.)

	CPG048 1151D**B	CPG048 1153D**B	CPG048 1153B**B	CPG048 1154B**B	CPG048 1157B**B
COOLING CAPACITY					
Total BTU/h	45,500	45,500	45,500	45,500	45,500
Sensible BTU/h	35,000	35,000	35,000	35,000	35,000
SEER / EER	13.0 / 11.3	13.0 / 11.3	13.0 / 11.3	13.0 / 11.3	13.0 / 11.3
Decibels	78	78	78	78	78
AHRI Reference #s	3292738	3292739	3292739	3292740	3292741
HEATING CAPACITY					
Max. Input /Output kBTU/h	115 / 92	115 / 92	115 / 92	115 / 92	115 / 92
Low Input /Output kBTU/h	86.25 / 69	86.25 / 69	86.25 / 69	86.25 / 69	86.25 / 69
Steady State Efficiency (AFUE)	80	80	80	80	80
Temperature Rise Range (°F) Hi / Low	40-70 / 25-55	40-70 / 25-55	40-70 / 25-55	40-70 / 25-55	40-70 / 25-55
No. of Burners	5	5	5	5	5
EVAPORATOR MOTOR / COIL					
Motor Type	Direct Drive	Direct Drive	Belt Drive	Belt Drive	Belt Drive
Indoor Nominal CFM	1,600	1,600	1,600	1,600	1,600
Motor Speed Tap (Cooling)	Medium	Medium	--	--	--
Indoor motor FLA (Cooling)	2.87	2.87	3.8	1.9	2.3
Horsepower - RPM	½ - 1,000	½ - 1,000	1.0 / 1,725	1.0 / 1,725	1½ / 1,725
Piston Size (Cooling)	0.076	0.076	0.076	0.076	0.076
Filter Size (#)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"
R-410A Refrigerant Charge Cir #1(oz.)	103	103	103	103	105
Evaporator Coil Face Area (ft²)	7.0	7.0	7.0	7.0	7.0
Rows Deep / Fins per Inch	4 / 16	4 / 16	4 / 16	4 / 16	4 / 16
BELT DRIVE EVAP FAN DATA					
# of Wheels (D" x W")	---	---	(1) 11 x 10	(1) 11 x 10	(1) 11 x 10
Motor Sheave / Blower Sheave	---	---	VL44 X ⅝ / AK66 X 1		
Belt	---	---	AX55	AX55	AX55
CONDENSER FAN / COIL					
Quantity of Condenser Fan Motors	1	1	1	1	1
Horsepower - RPM	¼ - 1,090	¼ - 1,090	¼ - 1,090	¼ - 890	¼ - 1,075
Fan Diameter / # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4	22 / 4
Outdoor Nominal CFM	3,800	3,800	3,800	3,800	3,800
Face Area (ft²)	17.0	17.0	17.0	17.0	17.0
Rows Deep/ Fins per Inch	1 / 24	1 / 24	1 / 24	1 / 24	1 / 24
COMPRESSOR					
Quantity / Stage	1 / Single	1 / Single	1 / Single	1 / Single	1 / Single
Type	Scroll	Scroll	Scroll	Scroll	Scroll
Compressor RLA / LRA	19.9 / 109	13.1 / 83.1	13.1 / 83.1	6.1 / 41	4.4 / 33
ELECTRICAL DATA					
Voltage-Phase-Frequency	208/230-1-60	208/230-3-60	208/230-3-60	460-3-60	575-3-60
Max External Static	0.5"	0.5"	1.0"	1.0"	1.0"
Outdoor Fan RLA	1.40	1.40	1.40	0.80	0.60
Total Unit Amps	24.1	17.4	18.3	8.8	7.3
Min. Circuit Ampacity ¹	29	21	22	10	8
Max. Overcurrent Protection (amps) ²	45	30	30	15	15
Power Supply Conduit Hole	1.125	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole	½"	½"	½"	½"	½"
OPERATING WEIGHT (LBS)	580	580	580	580	580
SHIP WEIGHT (LBS)	605	605	605	605	605

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.

PRODUCT SPECIFICATIONS — CPG060

	CPG060 0701D**A	CPG060 0703D**A	CPG060 0703B**A	CPG060 0704B**A
COOLING CAPACITY				
Total BTU/h	59,500	59,500	59,500	59,500
Sensible BTU/h	42,500	42,500	42,500	42,500
SEER / EER	13 / 11.3	13 / 11.3	13 / 11.3	13 / 11.3
Decibels	76.8	76.8	76.8	76.8
AHRI Reference Nos.	1487475	1487452	1487452	1487453
GAS HEATING CAPACITY				
Max. Input BTU/h	70,000	70,000	70,000	70,000
Output BTU/h	56,000	56,000	56,000	56,000
Steady State Efficiency (AFUE)	80	80	80	80
Temperature Rise Range (°F)	30 - 60	30 - 60	30 - 60	30 - 60
No. of Burners	2	2	2	2
EVAPORATOR MOTOR / COIL				
Motor Type	Direct	Direct	Belt	Belt
Indoor Nominal CFM	2,000	2,000	2,000	2,000
Piston Size (Cooling)	0.082	0.082	0.082	0.082
Filter Size (#)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)
Drain Size (NPT)	3/4"	3/4"	3/4"	3/4"
R-410A Refrigerant Charge (oz.)	165	165	165	162
Evaporator Coil Face Area (ft²)	7.8	7.8	7.8	7.8
Rows Deep/ Fins per Inch	4 / 16	4 / 16	4 / 16	4 / 16
Tube Diameter - Material	5/16 - Copper	5/16 - Copper	5/16 - Copper	5/16 - Copper
BELT DRIVE EVAP FAN DATA				
# of Wheels (D x W)	---	---	1 (11" x 10")	1 (11" x 10")
Motor Sheave / Blower Sheave	---	---	VL44 X 5/8 / AK61 X 1	
Belt	---	---	AX39	AX39
CONDENSER FAN / COIL				
Horsepower / RPM	1/4 / 1,090	1/4 / 1,090	1/4 / 1,090	1/4 / 1,090
Fan Diameter/ # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4
Outdoor Nominal CFM	3,800	3,800	3,800	3,800
Face Area (ft²)	17½	17½	17½	17½
Rows Deep/ Fins per Inch	2 / 18	2 / 18	2 / 18	2 / 18
Tube Diameter - Material	5/16 - Copper	5/16 - Copper	5/16 - Copper	5/16 - Copper
COMPRESSOR				
Quantity / Stage	1 / Single	1 / Single	1 / Single	1 / Single
Type	Scroll	Scroll	Scroll	Scroll
Compressor RLA / LRA	26.4 / 134	16 / 110	16 / 110	7.8 / 52
ELECTRICAL DATA				
Voltage-Phase-Frequency	208/230-1-60	208/230-3-60	208/230-3-60	460-3-60
Indoor Blower HP / FLA (STD Static)	1.0 / 7.6	1.0 / 7.6	1.0 / 3.8	1.0 / 1.9
Indoor Blower LRA	----	----	24	12
Max External Static	0.9	0.9	1.0	1.0
Outdoor Fan HP / FLA	1/4 / 1.40	1/4 / 1.40	1/4 / 1.40	1/4 / 0.8
Min. Circuit Ampacity¹	42	29	25	12
Max. Overcurrent Protection (amps)²	60	40	40	20
Entrance Power Supply	Locating Dimple	Locating Dimple	Locating Dimple	Locating Dimple
Entrance Control Voltage				
OPERATING WEIGHT (LBS)	680	680	680	680
SHIP WEIGHT (LBS)	700	700	700	700

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.

PRODUCT SPECIFICATIONS — CPG060 (cont.)

	CPG060 0901D**B	CPG060 0903D**B	CPG060 0903B**B	CPG060 0904B**B
COOLING CAPACITY				
Total BTU/h	59,500	59,500	59,500	59,500
Sensible BTU/h	43,200	43,200	43,200	43,200
SEER / EER	13 / 11.3	13 / 11.3	13 / 11.3	13 / 11.3
Decibels	78	78	78	78
ARI Reference Nos.	3291352	3291349	3291349	3291350
GAS HEATING CAPACITY				
Max. Input /Output kBTU/h	92 / 74	92 / 74	92 / 74	92 / 74
Low Input /Output kBTU/h	69 / 55	69 / 55	69 / 55	69 / 55
Steady State Efficiency (AFUE)	80	80	80	80
Temperature Rise Range (°F)	20-50 / 15-45	20-50 / 15-45	20-50 / 15-45	20-50 / 15-45
No. of Burners	4	4	4	4
EVAPORATOR MOTOR / COIL				
Motor Type	Direct	Direct	Belt	Belt
Indoor Nominal CFM	2,000	2,000	2,000	2,000
Piston Size (Cooling)	0.086	0.086	0.086	0.086
Filter Size (#)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)
Drain Size (NPT)	¾"	¾"	¾"	¾"
R-410A Refrigerant Charge (oz.)	162	162	162	165
Face Area (ft²)	7.8	7.8	7.8	7.8
Rows Deep/ Fins per Inch	4 / 16	4 / 16	4 / 16	4 / 16
Tube Diameter - Material	5/16 - Copper	5/16 - Copper	5/16 - Copper	5/16 - Copper
BELT DRIVE EVAP FAN DATA				
# of Wheels (D x W)	---	---	1 (11" x 10")	1 (11" x 10")
Motor Sheave / Blower Sheave	---	---	VL44 X 5/8 / AK61 X 1	
Belt	---	---	AX55	AX55
CONDENSER FAN / COIL				
Horsepower / RPM	¼ / 1,090	¼ / 1,090	¼ / 1,090	¼ / 1,090
Fan Diameter/ # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4
Outdoor Nominal CFM	3,800	3,800	3,800	3,800
Face Area (ft²)	17.0	17.0	17.0	17.0
Rows Deep/ Fins per Inch	2 / 18	2 / 18	2 / 18	2 / 18
Tube Diameter - Material	5/16 - Copper	5/16 - Copper	5/16 - Copper	5/16 - Copper
COMPRESSOR				
Quantity / Stage	1 / Single	1 / Single	1 / Single	1 / Single
Type	Scroll	Scroll	Scroll	Scroll
Compressor RLA / LRA	26.4 / 134	16 / 110	16 / 110	7.8 / 52
ELECTRICAL DATA				
Voltage-Phase-Frequency	208/230-1-60	208/230-3-60	208/230-3-60	460-3-60
Indoor Blower HP / FLA (STD Static)	1.0 / 7.6	1.0 / 7.6	1.0 / 3.8	1.0 / 1.9
Indoor Blower LRA	----	----	24	13
Max External Static	0.9	0.9	1.0	1.0
Outdoor Fan HP / FLA	¼ / 1.40	¼ / 1.40	¼ / 1.40	¼ / 0.8
Min. Circuit Ampacity ¹	42	29	25	13
Max. Overcurrent Protection (amps) ²	60	45	40	20
Power Supply Conduit Hole	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole	½"	½"	½"	½"
OPERATING WEIGHT (LBS)	620	620	620	620
SHIP WEIGHT (LBS)	645	645	645	645

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.

PRODUCT SPECIFICATIONS — CPG060 (cont.)

	CPG060 1401D***A	CPG060 1403D***A	CPG060 1403B***A	CPG060 1404B***A
COOLING CAPACITY				
Total BTU/h	58,500	58,500	58,500	58,500
Sensible BTU/h	42,500	42,500	42,500	42,500
SEER / EER	13 / 11.3	13 / 11.3	13 / 11.3	13 / 11.3
Decibels	76.8	76.8	76.8	76.8
ARI Reference Nos.	1487475	1487452	1487452	1487453
GAS HEATING CAPACITY				
Max. Input / Output kBTU/h	140 / 112	140 / 112	140 / 112	140 / 112
Low. Input / Output kBTU/h	103 / 83	103 / 83	103 / 83	103 / 83
Steady State Efficiency	80	80	80	80
Temperature Rise Range (°F) Hi / Low	35-65 / 25-55	35-65 / 25-55	35-65 / 25-55	35-65 / 25-55
No. of Burners	6	6	6	6
EVAPORATOR MOTOR / COIL				
Motor Type	Direct	Direct	Belt	Belt
Indoor Nominal CFM	2,000	2,000	2,000	2,000
Piston Size (Cooling)	0.086	0.086	0.086	0.086
Filter Size (#)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)
Drain Size (NPT)	¾"	¾"	¾"	¾"
R-410A Refrigerant Charge (oz.)	165	165	165	165
Face Area (ft²)	7.8	7.8	7.8	7.8
Rows Deep/ Fins per Inch	4 / 16	4 / 16	4 / 16	4 / 16
Tube Diameter - Material	5/16 - Copper	5/16 - Copper	5/16 - Copper	5/16 - Copper
BELT DRIVE EVAP FAN DATA				
# of Wheels (D x W)	(11" X 10") 1	(11" X 10") 1	----	----
Motor Sheave / Blower Sheave	---	---	VL44 X ¾ / AK61 X 1	
Belt	---	---	AX55	AX55
CONDENSER FAN / COIL				
Horsepower / RPM	¼ / 1,090	¼ / 1,090	¼ / 1,090	¼ / 1,090
Fan Diameter/ # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4
Outdoor Nominal CFM	3,800	3,800	3,800	3,800
Face Area (ft²)	17.0	17.0	17.0	17.0
Rows Deep/ Fins per Inch	2 / 18	2 / 18	2 / 18	2 / 18
Tube Diameter - Material	5/16 - Copper	5/16 - Copper	5/16 - Copper	5/16 - Copper
COMPRESSOR				
Quantity / Stage	1 / Single	1 / Single	1 / Single	1 / Single
Type	Scroll	Scroll	Scroll	Scroll
Compressor RLA / LRA	26.4 / 134	16 / 110	16 / 110	7.8 / 52
ELECTRICAL DATA				
Voltage-Phase-Frequency	208/230-1-60	208/230-3-60	208/230-3-60	460-3-60
Indoor Blower HP / FLA (STD Static)	1.0 / 7.6	1.0 / 7.6	1.0 / 3.8	1.0 / 1.9
Indoor Blower LRA	----	----	24	12
Max External Static	0.9	0.9	1.0	1.0
Outdoor Fan HP / FLA	¼ / 1.40	¼ / 1.40	¼ / 1.40	¼ / 0.8
Min. Circuit Ampacity ¹	42	29	25	12
Max. Overcurrent Protection (amps) ²	60	40	40	20
Power Supply Conduit Hole	1.97" / 2.56"	1.97" / 2.56"	1.97" / 2.56"	1.97" / 2.56"
Low-Voltage Conduit Hole	½"	½"	½"	½"
OPERATING WEIGHT (LBS)	680	680	680	680
SHIP WEIGHT (LBS)	700	700	700	700

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.

PRODUCT SPECIFICATIONS — CPG060 (cont.)

	CPG060 1401D***B	CPG060 1403D***B	CPG060 1403B***B	CPG060 1404B***B	CPG060 1407B***B
COOLING CAPACITY					
Total BTU/h	59,500	59,500	59,500	59,500	59,500
Sensible BTU/h	43,200	43,200	43,200	43,200	43,200
SEER / EER	13 / 11.3	13 / 11.3	13 / 11.3	13 / 11.3	13 / 11.3
Decibels	78	78	78	78	78
AHRI Nos.	3291352	3291349	3291349	3291350	3291351
GAS HEATING CAPACITY					
Max. Input / Output kBTU/h	138 / 110.4	138 / 110.4	138 / 110.4	138 / 110.4	138 / 110.4
Low. Input / Output kBTU/h	103 / 83	103 / 83	103 / 83	103 / 83	103 / 83
Steady State Efficiency (AFUE)	80	80	80	80	80
Temperature Rise Range (°F) Hi / Low	35-65 / 25-55	35-65 / 25-55	35-65 / 25-55	35-65 / 25-55	35-65 / 25-55
No. of Burners	6	6	6	6	6
EVAPORATOR MOTOR / COIL					
Motor Type	Direct	Direct	Belt	Belt	Belt
Indoor Nominal CFM	2,000	2,000	2,000	2,000	2,000
Piston Size (Cooling)	0.086	0.086	0.086	0.086	0.086
Filter Size (#)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"
R-410A Refrigerant Charge (oz.)	162	162	162	162	162
Face Area (ft²)	7.8	7.8	7.8	7.8	7.8
Rows Deep/ Fins per Inch	4 / 16	4 / 16	4 / 16	4 / 16	4 / 16
Tube Diameter - Material	5/16 - Copper	5/16 - Copper	5/16 - Copper	5/16 - Copper	5/16 - Copper
BELT DRIVE EVAP FAN DATA					
# of Wheels (D x W)	---	---	1 (11" x 10")	1 (11" x 10")	1 (11" x 10")
Motor Sheave / Blower Sheave	---	---	VL44 X 5/8 / AK61 X 1		
Belt	---	---	AX55	AX55	AX55
CONDENSER FAN / COIL					
Horsepower / RPM	¼ / 1,090	¼ / 1,090	¼ / 1,090	¼ / 1,090	¼ / 1,075
Fan Diameter/ # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4	22 / 1
Outdoor Nominal CFM	3,800	3,800	3,800	3,800	3,800
Face Area (ft²)	17.0	17.0	17.0	17.0	17½
Rows Deep/ Fins per Inch	2 / 18	2 / 18	2 / 18	2 / 18	2 / 18
Tube Diameter - Material	5/16 - Copper	5/16 - Copper	5/16 - Copper	5/16 - Copper	5/16 - Copper
COMPRESSOR					
Quantity / Stage	1 / Single	1 / Single	1 / Single	1 / Single	1 / Single
Type	Scroll	Scroll	Scroll	Scroll	Scroll
Compressor RLA / LRA	26.4 / 134	16 / 110	16 / 110	7.8 / 52	5.7 / 38.9
ELECTRICAL DATA					
Voltage-Phase-Frequency	208/230-1-60	208/230-3-60	208/230-3-60	460-3-60	575-3-60
Indoor Blower HP / FLA (STD Static)	1.0 / 7.6	1.0 / 7.6	1.0 / 3.8	1.0 / 1.9	1.5 / 2.3
Indoor Blower LRA	----	----	24	13	12
Max External Static	0.9	0.9	1.0	1.0	1.0
Outdoor Fan HP / FLA	¼ / 1.40	¼ / 1.40	¼ / 1.40	¼ / 0.8	¼ / 0.6
Min. Circuit Ampacity ¹	42	29	25	12	10
Max. Overcurrent Protection (amps) ²	60	40	40	20	15
Power Supply Conduit Hole	1.125	1.125	1.125	1.125	1.125
Low-Voltage Conduit Hole	½"	½"	½"	½"	½"
OPERATING WEIGHT (LBS)	630	630	630	630	630
SHIP WEIGHT (LBS)	655	655	655	655	655

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.

AIRFLOW DATA — CPG036 — A MODELS

STANDARD DIRECT-DRIVE — HORIZONTAL

CFM	STATIC	AMPS	WATTS	RPM	SPEED TAP
790	0.6	1.27	285	934	Low
900	0.5	1.39	306	869	
997	0.4	1.47	326	824	
1039	0.3	1.54	334	780	
1092	0.2	1.59	343	728	
1151	0.1	1.64	353	674	
728	0.8	1.48	328	1046	Med
893	0.7	1.60	355	1022	
1094	0.6	1.79	399	969	
1191	0.5	1.89	424	945	
1268	0.4	1.98	439	916	
1314	0.3	2.06	456	881	
1388	0.2	2.15	476	845	
1441	0.1	2.22	488	808	
798	0.8	1.89	402	1075	High
1115	0.7	2.11	461	1034	
1227	0.6	2.22	485	1010	
1329	0.5	2.32	514	993	
1427	0.4	2.41	534	969	
1512	0.3	2.53	563	945	
1569	0.2	2.58	576	922	
1638	0.1	2.68	590	892	

NOTES

- Assumes dry coil with filter in place; SCFM correction for wet coil = 4%
- Five ton models are shipped from the factory with speed tap set on T4.

STANDARD DIRECT-DRIVE — DOWN HOT

CFM	STATIC	AMPS	WATTS	RPM	SPEED TAP
659	0.7	1.16	260	975	Low
854	0.6	1.31	294	911	
942	0.5	1.39	307	864	
1012	0.4	1.46	322	816	
1079	0.3	1.53	336	768	
1109	0.2	1.57	342	728	
1164	0.1	1.63	354	669	
825	0.8	1.55	346	1035	Med
1011	0.7	1.71	382	999	
1139	0.6	1.83	408	964	
1222	0.5	1.92	430	940	
1299	0.4	2.01	448	906	
1361	0.3	2.09	464	881	
1422	0.2	2.16	477	846	
1486	0.1	2.24	496	804	
918	0.8	1.98	427	1064	High
1151	0.7	2.15	472	1029	
1265	0.6	2.25	495	1009	
1373	0.5	2.35	517	981	
1451	0.4	2.43	538	964	
1525	0.3	2.50	554	940	
1615	0.2	2.61	582	922	
1660	0.1	2.68	587	882	

AIRFLOW DATA — CPG036 — A MODELS (CONT.)

STANDARD BELT DRIVE — HORIZONTAL

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2											1387	0.24
0.3									1419	0.27	1243	0.21
0.4							1440	0.31	1258	0.24	1055	0.17
0.5					1447	0.35	1285	0.27	1075	0.2		
0.6			1484	0.4	1298	0.31	1090	0.23				
0.7	1526	0.46	1311	0.35	998	0.24						
0.8	1353	0.4	1019	0.27								
0.9	1049	0.32										
1	847	0.27										

HIGH-STATIC BELT DRIVE — HORIZONTAL

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6									1567.75	0.45	1265.65	0.32
0.8							1491.52	0.47	1194.16	0.34	921.60	0.23
1					1475.74	0.52	1162.93	0.37	856.46	0.24		
1.2			1457.66	0.57	1145.72	0.41	801.56	0.25				
1.4	1457.66	0.63	1139.46	0.46	782.44	0.30						
1.6	1139.46	0.52	844.30	0.36								
1.8	844.30	0.42										

STANDARD BELT DRIVE — DOWN SHOT

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2											1402	0.24
0.3									1427	0.28	1206	0.2
0.4							1435	0.31	1231	0.23	1012	0.16
0.5					1451	0.35	1267	0.27	969	0.17		
0.6			1516	0.42	1280	0.3	966	0.2				
0.7	1510	0.46	1317	0.35	1023	0.24						
0.8	1358	0.41	1090	0.29								
0.9	1130	0.33										
1												

HIGH-STATIC BELT DRIVE — DOWN SHOT

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6							1655.1	0.5	1388.8	0.4	1103.4	0.3
0.8					1640.0	0.6	1342.5	0.4	1035.4	0.3	775.3	0.2
1.0			1637.8	0.6	1326.2	0.5	1002.1	0.3	712.9	0.2		
1.2	1637.8	0.7	1306.9	0.5	984.2	0.4						
1.4	1306.9	0.6	1001.7	0.4								
1.6	1001.7	0.5	717.0	0.3								
1.8	717.0	0.4										

Note: Tables represent dry coil without filter; to compensate for filter, add 0.08" to measured E.S.P. SCFM correction for wet coil = 4%.

AIRFLOW DATA — CPG036 — B MODELS

STANDARD DIRECT DRIVE — HORIZONTAL

CFM	STATIC	AMPS	WATTS	RPM	SPEED TAP
1293	0.1	1.72	364	715	Low
1235	0.2	1.67	354	759	
1173	0.3	1.62	342	803	
1124	0.4	1.58	330	841	
1056	0.5	1.54	316	880	
978	0.6	1.47	298	913	
1500	0.1	2.13	462	808	Med
1434	0.2	2.10	448	838	
1381	0.3	2.04	436	869	
1318	0.4	2.00	424	902	
1238	0.5	1.94	406	929	
1163	0.6	1.88	392	951	
1055	0.7	1.80	370	990	
936	0.8	1.72	350	1017	
1441	0.4	2.35	504	940	High
1355	0.5	2.28	484	962	
1264	0.6	2.21	468	989	
1157	0.7	2.13	446	1012	
1027	0.8	2.03	418	1034	
840	0.9	1.90	388	1067	

STANDARD DIRECT DRIVE — DOWN SHOT

CFM	STATIC	AMPS	WATTS	RPM	SPEED TAP
1313	0.10	1.68	356	748	Low
1247	0.20	1.63	344	786	
1178	0.30	1.59	334	832	
1094	0.40	1.55	324	869	
1002	0.50	1.50	312	913	
919	0.60	1.45	296	940	
1471	0.10	2.11	454	830	Med
1400	0.20	2.06	440	863	
1354	0.30	2.02	432	896	
1271	0.40	1.95	416	929	
1188	0.50	1.90	398	957	
1083	0.60	1.82	378	984	
955	0.70	1.74	356	1012	
1470	0.30	2.37	510	935	High
1390	0.40	2.31	492	957	
1310	0.50	2.25	476	978	
1206	0.60	2.17	454	1000	
1098	0.70	2.09	436	1023	
966	0.80	1.99	412	1045	

- Notes
- Assumes dry coil with filter in place; SCFM correction for wet coil = 4%
- Five ton models are shipped from the factory with speed tap set on T4.

AIRFLOW DATA — CPG036 — B MODELS (CONT.)

STANDARD BELT DRIVE — HORIZONTAL

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2									1524	0.32	1340	0.25
0.4					1628	0.41	1396	0.32	1171	0.24	900	0.16
0.6			1541	0.43	1284	0.32	1024	0.23	714	0.14		
0.8	1444	0.45	1193	0.33	936	0.24						
1.0	1111	0.34	806	0.23								
1.2	744	0.22										

HIGH-STATIC BELT DRIVE — HORIZONTAL

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6									1568	0.45	1266	0.32
0.8							1492	0.47	1194	0.34	922	0.23
1.0					1476	0.52	1163	0.37	856	0.24		
1.2			1458	0.57	1146	0.41	802	0.25				
1.4	1458	0.63	1139	0.46	782	0.30						
1.6	1139	0.52	844	0.36								
1.8	844	0.42										

STANDARD BELT DRIVE — DOWN SHOT

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2							1596	0.36	1368	0.28	1162	0.21
0.4					1468	0.37	1224	0.28	981	0.20		
0.6	1610	0.51	1383	0.39	1124	0.28	856	0.19				
0.8	1293	0.40	1021	0.29	776	0.20						
1.0	948	0.29	614	0.17								

HIGH-STATIC BELT DRIVE — DOWN SHOT

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6							1655	0.53	1389	0.39	1103	0.28
0.8					1640	0.57	1342	0.43	1035	0.29	775	0.19
1.0			1638	0.63	1326	0.47	1002	0.32	713	0.19		
1.2	1638	0.69	1307	0.52	984	0.36						
1.4	1307	0.58	1002	0.42								
1.6	1002	0.48	717	0.32								
1.8	717	0.38										

Note: Tables represent dry coil without filter; to compensate for filter, add 0.08" to measured E.S.P. SCFM correction for wet coil = 4%.

AIRFLOW DATA — CPG048 — A MODELS

STANDARD DIRECT DRIVE — HORIZONTAL

CFM	STATIC	WATTS	RPM	SPEED
1365	0.6	512	953	Med
1468	0.5	534	925	
1544	0.4	552	896	
1623	0.3	570	863	
1665	0.2	586	840	
1723	0.1	604	812	
1361	0.7	606	1012	High
1478	0.6	634	991	
1582	0.5	652	974	
1675	0.4	674	952	
1760	0.3	696	931	
1822	0.2	714	909	
1864	0.1	728	887	

STANDARD DIRECT DRIVE — DOWN SHOT

CFM	STATIC	WATTS	RPM	SPEED
1380	0.7	516	963	Med
1492	0.6	536	932	
1595	0.5	560	899	
1676	0.4	578	869	
1743	0.3	596	835	
1753	0.2	610	803	
1841	0.1	628	768	
1381	0.8	612	1023	High
1524	0.7	640	1001	
1653	0.6	666	974	
1743	0.5	682	952	
1809	0.4	714	930	
1884	0.3	732	909	

NOTES

- Assumes dry coil with filter in place; SCFM correction for wet coil = 4%
- Four ton models are shipped from the factory with speed tap set on medium speed.

AIRFLOW DATA — CPG048 — A MODELS (CONT.)

STANDARD BELT DRIVE — HORIZONTAL

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2											1761	0.42
0.3									1785	0.47	1626	0.38
0.4							1814	0.54	1632	0.42	1486	0.34
0.5					1848	0.61	1651	0.48	1492	0.38	1305	0.29
0.6			1850	0.65	1717	0.56	1520	0.43	1326	0.33		
0.7			1729	0.62	1576	0.5	1348	0.37				
0.8	1793	0.69	1585	0.55	1418	0.45						
0.9	1623	0.62	1455	0.51								
1	1496	0.57										
1.1	1328	0.5										

HIGH-STATIC BELT DRIVE — HORIZONTAL

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6									1894	0.66	1585	0.49
0.8							1839	0.71	1532	0.53	1223	0.37
1					1782	0.73	1477	0.55	1170	0.39		
1.2			1786	0.80	1445	0.59	1115	0.40				
1.4	1764	0.86	1426	0.64	1107	0.46						
1.6	1446	0.72	1098	0.50								
1.8	1099	0.56										

STANDARD BELT DRIVE — DOWN SHOT

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2											1820	0.44
0.3									1889	0.51	1727	0.41
0.4									1762	0.46	1574	0.35
0.5							1804	0.54	1627	0.42	1394	0.31
0.6					1838	0.61	1653	0.48	1449	0.37		
0.7			1828	0.66	1670	0.53	1502	0.42				
0.8	1889	0.73	1691	0.59	1500	0.47						
0.9	1757	0.68	1529	0.53	1311	0.41						
1	1591	0.61	1323	0.46								
1.1	1402	0.52										

HIGH-STATIC BELT DRIVE — DOWN SHOT

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6							1989	0.77	1712	0.59	1433.1	0.44
0.8					1929	0.79	1662	0.63	1384	0.47	1105.9	0.33
1.0			1952	0.88	1622	0.67	1335	0.49	1056	0.34		
1.2	1897	0.93	1611	0.73	1315	0.54	1008	0.36				
1.4	1616	0.80	1298	0.59	1007	0.42						
1.6	1316	0.66	1007	0.46								
1.8												

Note: Tables represent dry coil without filter; to compensate for filter, add 0.08" to measured E.S.P. SCFM correction for wet coil = 4%.

AIRFLOW DATA — CPG048 — B MODELS

STANDARD DIRECT DRIVE — HORIZONTAL

CFM	STATIC	AMPS	WATTS	RPM	SPEED TAP
1592	0.1	2.54	543	815	Low
1528	0.2	2.43	521	858	
1464	0.3	2.32	499	901	
1380	0.4	2.21	475	930	
1296	0.5	2.10	451	959	
1828	0.1	3.08	665	892	Med
1700	0.2	2.75	601	924	
1606	0.3	2.61	563	966	
1531	0.4	2.48	537	990	
1401	0.5	2.32	503	1023	
1287	0.6	2.22	477	1045	
1123	0.7	2.05	441	1073	
1926	0.1	3.34	740	937	High
1825	0.2	3.18	700	965	
1712	0.3	3.03	660	989	
1598	0.4	2.87	626	1015	
1482	0.5	2.76	596	1032	
1357	0.6	2.62	564	1049	

STANDARD DIRECT DRIVE — DOWN SHOT

CFM	STATIC	AMPS	WATTS	RPM	SPEED TAP
1612	0.1	2.60	554	789	Low
1548	0.2	2.49	532	832	
1484	0.3	2.38	510	875	
1400	0.4	2.27	486	904	
1316	0.5	2.16	462	933	
1846	0.1	3.14	676	866	Med
1718	0.2	2.81	612	898	
1624	0.3	2.67	574	940	
1549	0.4	2.54	548	964	
1419	0.5	2.38	514	997	
1305	0.6	2.28	488	1019	
1141	0.7	2.11	452	1047	
1954	0.1	3.43	758	924	High
1853	0.2	3.27	718	952	
1740	0.3	3.12	678	976	
1626	0.4	2.96	644	1002	
1510	0.5	2.85	614	1019	
1385	0.6	2.71	582	1036	

NOTES

- Assumes dry coil with filter in place; SCFM correction for wet coil = 4%
- Five ton models are shipped from the factory with speed tap set on T4.

AIRFLOW DATA — CPG048 — B MODELS (CONT.)

STANDARD BELT DRIVE — HORIZONTAL

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2									1800	0.47	1556	0.35
0.4					2002	0.65	1708	0.49	1438	0.36	1167	0.22
0.6			1910	0.67	1612	0.50	1330	0.37	1030	0.23		
0.8	1813	0.69	1571	0.54	1222	0.36	989	0.25				
1.0	1478	0.56	1142	0.32								
1.2	1107	0.41										

HIGH-STATIC BELT DRIVE — HORIZONTAL

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6									1894	0.66	1585	0.49
0.8							1839	0.71	1532	0.53	1223	0.37
1.0					1782	0.73	1477	0.55	1170	0.39		
1.2			1786	0.80	1445	0.59	1115	0.40				
1.4	1764	0.86	1426	0.64	1107	0.46						
1.6	1446	0.72	1098	0.50								
1.8	1099	0.56										

STANDARD BELT DRIVE — DOWN SHOT

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2							1891	0.56	1632	0.42	1391	0.30
0.4					1796	0.57	1533	0.43	1290	0.31	1055	0.19
0.6	1948	0.74	1744	0.61	1446	0.44	1206	0.32	910	0.19		
0.8	1654	0.63	1409	0.48	1096	0.31						
1.0	1337	0.50	987	0.28								

HIGH-STATIC BELT DRIVE — DOWN SHOT

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6							1989	0.77	1712	0.59	1433	0.44
0.8					1929	0.79	1662	0.63	1384	0.47	1106	0.33
1.0			1952	0.88	1622	0.67	1335	0.49	1056	0.34		
1.2	1897	0.93	1611	0.73	1315	0.54	1008	0.36				
1.4	1616	0.80	1298	0.59	1007	0.42						
1.6	1316	0.66	1007	0.46								
1.8												

Note: Tables represent dry coil without filter; to compensate for filter, add 0.08" to measured E.S.P. SCFM correction for wet coil = 4%.

AIRFLOW DATA — CPG060 — A MODELS

STANDARD DIRECT DRIVE MOTOR — HORIZONTAL

CFM	STATIC	AMPS	WATTS	RPM	SPEED TAP
730	0.9	2.25	255	920	T1
775	0.8	2.10	240	880	
830	0.7	2.10	220	830	
890	0.6	2.00	220	815	
950	0.5	1.90	205	785	
1030	0.4	1.80	190	735	
1125	0.3	1.70	180	670	
1190	0.2	1.60	170	630	
1280	0.1	1.60	160	590	
955	0.9	2.80	320	960	T2
975	0.8	2.70	310	930	
1030	0.7	2.65	300	900	
1080	0.6	2.50	285	865	
1180	0.5	2.40	270	810	
1255	0.4	2.30	250	760	
1315	0.3	2.20	240	720	
1365	0.2	2.10	230	680	
1425	0.1	2.00	225	645	
1585	0.9	5.00	640	1070	T3
1660	0.8	4.88	620	1030	
1700	0.7	4.79	605	1000	
1750	0.6	4.67	585	965	
1805	0.5	4.55	570	936	
1835	0.4	4.40	555	910	
1870	0.3	4.35	530	880	
1925	0.2	4.20	520	850	
1970	0.1	4.05	500	815	
1635	0.9	5.25	675	1075	T4
1690	0.8	5.10	655	1035	
1750	0.7	5.00	635	1000	
1798	0.6	4.90	625	975	
1835	0.5	4.75	605	950	
1890	0.4	4.70	590	920	
1920	0.3	4.60	580	890	
1970	0.2	4.45	555	865	
2000	0.1	4.30	540	840	
1770	0.9	6.20	810	1110	T5
1840	0.8	6.20	810	1080	
1880	0.7	6.10	785	1050	
1925	0.6	5.95	790	1025	
1965	0.5	5.90	770	1000	
2000	0.4	5.75	745	975	
2045	0.3	5.60	730	950	
2105	0.2	5.50	710	920	
2125	0.1	5.40	700	890	

STANDARD DIRECT DRIVE — DOWN SHOT

CFM	STATIC	AMPS	WATTS	RPM	SPEED TAP
710	0.9	2.20	240	910	T1
770	0.8	2.10	230	875	
835	0.7	2.05	230	845	
900	0.6	1.95	210	805	
995	0.5	1.90	205	760	
1060	0.4	1.75	190	715	
1130	0.3	1.65	175	665	
1215	0.2	1.60	175	615	
1340	0.1	1.60	175	590	
925	0.9	2.70	310	940	T2
985	0.8	2.60	310	910	
1055	0.7	2.50	285	875	
1129	0.6	2.45	280	845	
1200	0.5	2.40	255	795	
1255	0.4	2.20	250	750	
1325	0.3	2.15	240	710	
1395	0.2	2.00	220	665	
1465	0.1	1.90	200	620	
1570	0.9	4.90	620	1045	T3
1620	0.8	4.75	605	1010	
1670	0.7	4.65	590	980	
1720	0.6	4.55	570	955	
1820	0.5	4.45	560	915	
1890	0.4	4.30	538	885	
1920	0.3	4.20	515	855	
1960	0.2	4.05	500	825	
1995	0.1	3.95	480	785	
1690	0.9	5.60	720	1070	T4
1735	0.8	5.50	710	1040	
1775	0.7	5.45	695	1015	
1835	0.6	5.30	675	980	
1875	0.5	5.15	655	955	
1940	0.4	5.05	640	925	
1990	0.3	4.90	610	895	
2035	0.2	4.75	600	865	
2105	0.1	4.60	585	835	
1785	0.9	6.20	815	1090	T5
1855	0.8	6.15	810	1070	
1895	0.7	6.05	780	1040	
1950	0.6	5.90	765	1015	
1985	0.5	5.75	750	985	
2040	0.4	5.65	740	945	
2095	0.3	5.55	715	930	
2165	0.2	5.45	690	905	
2205	0.1	5.30	675	870	

NOTES

- Assumes dry coil with filter in place; SCFM correction for wet coil = 4%
- Five-ton models are shipped from the factory with speed tap set on T4.

AIRFLOW DATA — CPG060 — A MODELS (CONT.)

STANDARD BELT DRIVE — HORIZONTAL

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2									2,300	0.67	2,181	0.59
0.4							2,221	0.71	2,087	0.63	1,915	0.54
0.6	2,527	1.00	2,340	0.86	2,149	0.75	1,959	0.66	1,803	0.58	1,567	0.49
0.8	2,319	0.92	2,100	0.80	1,891	0.69	1,643	0.59	1,431	0.52	1,110	0.43
1	2,059	0.85	1,819	0.72	1,550	0.62	1,175	0.51	919	0.45		
1.2	1,760	0.77	1,464	0.64	1,069	0.53	651	0.44				
1.4	1,338	0.67	1,011	0.56								
1.6												

HIGH-STATIC BELT DRIVE — HORIZONTAL

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2											2,223	0.87
0.4									2,463	0.99	2,111	0.86
0.6			2,588	1.19	2,596	1.14	2,453	1.04	2,275	0.94	1,917	0.82
0.8	2,614	1.31	2,457	1.16	2,414	1.09	2,241	0.99	2,058	0.90	1,727	0.79
1	2,463	1.28	2,305	1.12	2,210	1.04	2,005	0.93	1,769	0.84	1,441	0.75
1.2	2,276	1.22	2,100	1.08	1,964	0.97	1,727	0.87	1,347	0.76	979	0.68
1.4	2,099	1.16	1,890	1.03	1,655	0.90	1,306	0.79	924	0.70	627	0.64
1.6	1,828	1.10	1,596	0.95	1,250	0.83						

STANDARD BELT DRIVE — DOWN SHOT

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2					2493	0.81	2359	0.73	2193.5	0.64	2034.5	0.57
0.4					2215	0.77	2132.5	0.68	1931.5	0.59	1745.5	0.53
0.6	2388	0.95	2219.5	0.82	2006	0.72	1859.5	0.63	1645	0.55	1405.5	0.48
0.8	2158.5	0.88	1995.5	0.76	1790	0.66	1556	0.57	1280.5	0.49	935	0.42
1	1922.5	0.82	1724	0.70	1455	0.59	1122.5	0.50	813.5	0.43		
1.2	1664	0.74	1394.5	0.63	1012	0.52						
1.4	1317.5	0.66	981	0.55	624	0.47						
1.6												

HIGH-STATIC BELT DRIVE — DOWN SHOT

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2												
0.4											2302	0.90
0.6			2532	1.19	2474.5	1.10	2468	1.05	2252	0.94	2059.5	0.85
0.8	2639	1.31	2445	1.14	2322.5	1.06	2229	1.00	2017	0.89	1782.5	0.80
1	2443	1.28	2267	1.10	2106	1.01	1953	0.94	1720.5	0.83	1452.5	0.74
1.2	2249	1.20	2046	1.05	1850.5	0.95	1658	0.87	1364.5	0.77	1010.5	0.67
1.4	2045	1.14	1778	0.99	1559	0.89	1255	0.79	932.5	0.70		
1.6	1799	1.08	1479	0.93	1185	0.82						

Note: Tables represent dry coil without filter; to compensate for filter, add 0.08" to measured E.S.P. SCFM correction for wet coil = 4%.

AIRFLOW DATA — CPG060 — B MODELS

STANDARD DIRECT-DRIVE — HORIZONTAL

CFM	STATIC	AMPS	WATTS	RPM	SPEED TAP
1416	0.1	1.63	176	588	T1
1295	0.2	1.61	174	621	
1200	0.3	1.68	186	660	
1133	0.4	1.79	196	704	
1045	0.5	1.90	208	753	
1543	0.1	2.00	220	627	T2
1485	0.2	2.12	236	671	
1425	0.3	2.20	250	698	
1352	0.4	2.26	258	748	
1304	0.5	2.39	274	786	
2107	0.1	4.02	502	797	T3
2031	0.2	4.13	518	819	
1980	0.3	4.27	536	858	
1954	0.4	4.37	554	880	
1887	0.5	4.48	572	913	
1839	0.6	4.58	582	940	
1782	0.7	4.72	602	968	
2224	0.1	4.73	592	832	T4
2165	0.2	4.79	612	860	
2123	0.3	4.91	630	891	
2079	0.4	5.01	642	913	
2029	0.5	5.14	666	946	
1978	0.6	5.26	676	969	
1926	0.7	5.38	698	1001	
1872	0.8	5.48	712	1028	
1817	0.9	5.58	722	1056	
2318	0.1	5.42	700	874	T5
2296	0.2	5.55	720	903	
2228	0.3	5.66	734	929	
2193	0.4	5.76	748	950	
2145	0.5	5.90	766	979	
2097	0.6	5.99	784	1012	
2054	0.7	6.10	798	1034	
1991	0.8	6.15	810	1050	
1952	0.9	6.26	826	1079	

STANDARD DIRECT-DRIVE — DOWN SHOT

CFM	STATIC	AMPS	WATTS	RPM	SPEED TAP
1237	0.1	1.64	180	638	T1
1191	0.2	1.75	194	682	
1127	0.3	1.80	200	715	
1065	0.4	1.89	214	753	
994	0.5	1.97	220	797	
1437	0.1	2.13	248	687	T2
1384	0.2	2.24	254	726	
1312	0.3	2.29	262	759	
1245	0.4	2.42	280	803	
1185	0.5	2.54	294	847	
1988	0.1	4.49	558	885	T3
1942	0.2	4.58	574	907	
1882	0.3	4.69	582	935	
1847	0.4	4.80	600	962	
1784	0.5	4.87	612	990	
1762	0.6	4.97	626	1008	
1688	0.7	5.05	642	1039	
2106	0.1	5.14	650	924	T4
2050	0.2	5.26	670	951	
1993	0.3	5.32	678	969	
1960	0.4	5.47	696	1001	
1920	0.5	5.54	706	1021	
1880	0.6	5.61	726	1041	
1810	0.7	5.73	736	1072	
1760	0.8	5.81	750	1093	
1694	0.9	5.84	752	1122	
2199	0.1	5.87	762	968	T5
2146	0.2	5.96	772	989	
2121	0.3	6.06	788	1012	
2066	0.4	6.15	804	1039	
2010	0.5	6.21	814	1056	
1978	0.6	6.32	834	1084	
1919	0.7	6.28	830	1102	
1837	0.8	6.22	814	1122	
1738	0.9	6.04	786	1127	

NOTES

- Assumes dry coil with filter in place; SCFM correction for wet coil = 4%
- Five-ton models are shipped from the factory with speed tap set on T4.

AIRFLOW DATA — CPG060 — B MODELS (CONT.)

STANDARD BELT DRIVE — HORIZONTAL

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2					2460	0.96	2251	0.80	2073	0.65	1862	0.51
0.4			2408	1.00	2206	0.84	1982	0.68	1808	0.55	1572	0.41
0.6	2402	1.08	2173	0.89	1943	0.72	1701	0.55	1511	0.43		
0.8	2153	0.95	1917	0.77	1667	0.59						
1.0	1888	0.82	1634	0.63								
1.2	1601	0.67										

HIGH-STATIC BELT DRIVE — HORIZONTAL

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6									2219	0.95	1970	0.75
0.8							2215	1.04	1956	0.82	1697	0.62
1.0					2240	1.15	1957	0.90	1681	0.67		
1.2			2260	1.26	1983	1.00	1683	0.74				
1.4	2288	1.38	2009	1.10	1711	0.84						
1.6	2032	1.21	1741	0.93								
1.8	1776	1.04										

STANDARD BELT DRIVE — DOWN SHOT

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2			2210	0.91	2041	0.76	1869	0.63	1739	0.52	1565	0.40
0.4	2197	0.98	2021	0.82	1841	0.67	1660	0.54	1521	0.44	1339	0.32
0.6	2002	0.88	1822	0.72	1635	0.58	1445	0.44	1288	0.35		
0.8	1799	0.77	1610	0.62	1425	0.48						
1.0	1587	0.67	1384	0.51								

HIGH-STATIC BELT DRIVE — DOWN SHOT

ESP (" H ₂ O)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6					2262	1.16	2051	0.95	1851	0.76	1657	0.60
0.8			2277	1.27	2070	1.05	1852	0.84	1646	0.66		
1.0	2304	1.39	2089	1.15	1872	0.93	1647	0.72				
1.2	2104	1.26	1893	1.03	1668	0.81						
1.4	1912	1.13	1690	0.90								
1.6	1720	1.00										

Note: Tables represent dry coil without filter; to compensate for filter, add 0.08" to measured E.S.P. SCFM correction for wet coil = 4%.

EXPANDED COOLING DATA — CPG036 — A MODELS

		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
		ENTERING INDOOR WET BULB TEMPERATURE																							
IDB	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70		MBh	34.3	35.5	38.9	-	33.5	34.7	38.0	-	32.7	33.9	37.1	-	31.9	33.1	36.2	-	30.3	31.4	34.4	-			
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-			
	1350	ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-			
		Hi Pr	228	245	259	-	256	275	290	-	291	313	330	-	331	356	376	-	372	401	423	-			
		Lo Pr	104	110	120	-	110	117	127	-	114	121	132	-	120	127	139	-	125	133	146	-			
		MBh	33.3	34.5	37.8	-	32.5	33.7	36.9	-	31.7	32.9	36.1	-	31.0	32.1	35.2	-	29.4	30.5	33.4	-			
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-			
1200		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-			
		Hi Pr	225	243	256	-	253	272	287	-	288	310	327	-	328	353	372	-	369	397	419	-			
		Lo Pr	103	109	119	-	108	115	126	-	113	120	131	-	118	126	137	-	124	132	144	-			
		MBh	30.7	31.9	34.9	-	30.0	31.1	34.1	-	29.3	30.4	33.3	-	28.6	29.6	32.5	-	27.2	28.2	30.8	-			
		S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-			
1050		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-			
		Hi Pr	219	235	249	-	245	264	279	-	279	300	317	-	318	342	361	-	358	385	406	-			
		Lo Pr	100	106	116	-	105	112	122	-	109	116	127	-	115	122	133	-	120	128	140	-			

	1350																								
	MBh	34.9	35.9	38.9	41.7	34.1	35.1	38.0	40.7	33.3	34.2	37.1	39.8	32.4	33.4	36.2	38.8	30.8	31.7	34.4	36.9	28.6	29.4	31.8	34.2
	S/T	0.84	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42
	ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	11	19	17	14	10
	Hi Pr	230	248	261	273	258	278	293	306	294	316	334	348	334	360	380	396	376	405	427	446	416	447	472	493
	1200																								
	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
	MBh	33.9	34.9	37.7	40.5	33.1	34.1	36.9	39.6	32.3	33.2	36.0	38.6	31.5	32.4	35.1	37.7	29.9	30.8	33.3	35.8	27.7	28.5	30.9	33.2
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
	ΔT	21	19	16	11	21	19	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
75	1050																								
	Hi Pr	228	245	259	270	256	275	290	303	291	313	330	345	331	356	376	392	372	401	423	441	412	443	468	488
	Lo Pr	104	110	120	128	110	117	127	135	114	121	132	141	120	127	139	148	125	133	146	155	130	138	151	160
	MBh	31.3	32.2	34.8	37.4	30.5	31.4	34.0	36.5	29.8	30.7	33.2	35.6	29.1	29.9	32.4	34.8	27.6	28.4	30.8	33.0	25.6	26.3	28.5	30.6
	S/T	0.78	0.69	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.39	0.89	0.80	0.60	0.39
	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
	Hi Pr	221	238	251	262	248	267	282	294	282	303	320	334	321	346	365	381	361	389	411	428	399	430	454	473
	Lo Pr	101	107	117	124	106	113	123	131	110	117	128	137	116	123	135	143	122	129	141	150	126	134	146	156

IDB = Entering Indoor Dry Bulb Temperature
 Design Superheat 7±2 °F, Design Subcooling 12 ±2 °F pressures measured @ the suction and liquid service ports, ARI 95 test conditions
 Shaded area reflects ACCA (TVA) conditions
 High & low pressures are measured at the liquid & suction service ports.

EXPANDED COOLING DATA — CPG036 — A MODELS (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																			
		65						75						85						95						105						115					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
		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	59	63	67	71						
	1350	MBh	35.5	36.3	38.8	41.4	34.7	35.4	37.9	40.5	33.8	34.6	37.0	39.5	33.0	33.7	36.1	38.5	31.4	32.1	34.2	36.6	29.1	29.7	31.7	33.9	29.1	29.7	31.7	33.9							
		S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61	1.00	1.00	0.81	0.61							
		ΔT	22	21	19	15	23	22	19	15	22	22	19	15	22	22	19	15	21	22	19	15	20	20	18	14	20	20	18	14							
		Hi Pr	232	250	264	275	261	281	296	309	297	319	337	351	338	363	384	400	380	409	432	450	420	452	477	498	420	452	477	498							
		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	132	141	154	164							
80		MBh	34.5	35.2	37.6	40.2	33.7	34.4	36.8	39.3	32.9	33.6	35.9	38.4	32.1	32.8	35.0	37.4	30.5	31.1	33.3	35.5	28.2	28.8	30.8	32.9	28.2	28.8	30.8	32.9							
		S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58	1.00	0.95	0.77	0.58							
		ΔT	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	23	22	20	16	22	21	18	15	22	21	18	15							
		Hi Pr	230	248	261	273	258	278	293	306	294	316	334	348	334	360	380	396	376	405	428	446	416	447	472	493	416	447	472	493							
		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	131	139	152	162							
		MBh	31.8	32.5	34.7	37.1	31.1	31.7	33.9	36.3	30.3	31.0	33.1	35.4	29.6	30.2	32.3	34.5	28.1	28.7	30.7	32.8	26.0	26.6	28.4	30.4	26.0	26.6	28.4	30.4							
		S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56	0.98	0.92	0.75	0.56							
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15	22	21	19	15							
		Hi Pr	223	240	254	265	250	269	285	297	285	306	324	338	324	349	369	384	365	393	415	433	403	434	458	478	403	434	458	478							
		Lo Pr	102	108	118	126	107	114	125	133	112	119	130	138	117	125	136	145	123	131	143	152	127	135	148	157	127	135	148	157							

		OUTDOOR AMBIENT TEMPERATURE																																			
		65						75						85						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	59	63	67	71	59	63	67	71	59	63	67	71
1350	MBh	36.1	36.8	38.6	41.1	35.3	36.0	37.7	40.2	34.4	35.1	36.8	39.2	33.6	34.2	35.9	38.3	31.9	32.5	34.1	36.4	29.6	30.1	31.6	33.7	29.6	30.1	31.6	33.7	29.6	30.1	31.6	33.7	29.6	30.1	31.6	33.7
	S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	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	0.97	0.79	1.00	1.00	0.97	0.79	1.00	1.00	0.97	0.79	1.00	1.00	0.97	0.79
	ΔT	24	24	22	19	24	24	22	19	23	24	23	19	23	23	23	20	22	22	22	19	20	21	18	20	21	21	18	20	21	18	20	21	18	20	21	18
	Hi Pr	235	253	267	278	263	283	299	312	300	322	340	355	341	367	388	404	384	413	436	455	424	456	482	503	424	456	482	503	424	456	482	503	424	456	482	503
1200	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	134	142	155	165	134	142	155	165	134	142	155	165
	MBh	35.1	35.7	37.4	39.9	34.3	34.9	36.6	39.0	33.4	34.1	35.7	38.1	32.6	33.3	34.8	37.2	31.0	31.6	33.1	35.3	28.7	29.3	30.6	32.7	28.7	29.3	30.6	32.7	28.7	29.3	30.6	32.7	28.7	29.3	30.6	32.7
	S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75	1.00	1.00	0.93	0.75	1.00	1.00	0.93	0.75	1.00	1.00	0.93	0.75
	ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	24	20	24	24	23	20	22	22	19	22	22	22	19	22	22	19	22	22	19	22	22	19
85	Hi Pr	232	250	264	275	261	281	296	309	297	319	337	351	338	363	384	400	380	409	432	450	420	452	477	498	420	452	477	498	420	452	477	498	420	452	477	498
	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	132	141	154	164	132	141	154	164	132	141	154	164
	MBh	32.4	33.0	34.6	36.9	31.6	32.2	33.8	36.0	30.9	31.5	32.9	35.1	30.1	30.7	32.1	34.3	28.6	29.2	30.5	32.6	26.5	27.0	28.3	30.2	26.5	27.0	28.3	30.2	26.5	27.0	28.3	30.2	26.5	27.0	28.3	30.2
	S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.72	1.00	0.99	0.89	0.72	1.00	0.99	0.89	0.72	1.00	0.99	0.89	0.72
1050	ΔT	25	25	24	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	23	23	22	19	23	23	22	19	23	23	22	19	23	23	22	19
	Hi Pr	225	243	256	267	253	272	287	300	288	310	327	341	328	353	372	388	369	397	419	437	407	438	463	483	407	438	463	483	407	438	463	483	407	438	463	483
	Lo Pr	103	109	119	127	108	115	126	134	113	120	131	139	118	126	137	146	124	132	144	153	128	136	149	159	128	136	149	159	128	136	149	159	128	136	149	159

IDB = Entering Indoor Dry Bulb Temperature
 Design Superheat 7±2 °F, Design Subcooling 12 ±2 °F pressures measured @ the suction and liquid service ports, ARI 95 test conditions
 Shaded area reflects ARI ratings conditions
 High & low pressures are measured at the liquid & suction service ports.

EXPANDED COOLING DATA — CPG036 — B MODELS

		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				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	MBh	33.9	35.1	38.5	-	33.1	34.3	37.6	-	32.3	33.5	36.7	-	31.5	32.7	35.8	-	30.0	31.1	34.0	-	27.8	28.8	31.5	-
	S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-
	ΔT	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
	1350	2.44	2.48	2.56	-	2.61	2.66	2.74	-	2.76	2.82	2.90	-	2.90	2.95	3.05	-	3.01	3.07	3.17	-	3.11	3.17	3.27	-
	Amps	8.5	8.7	8.9	-	9.0	9.2	9.4	-	9.6	9.8	10.0	-	10.1	10.3	10.5	-	10.6	10.8	11.0	-	11.1	11.3	11.6	-
	HI PR	221	237	251	-	247	266	281	-	281	303	320	-	321	345	364	-	361	388	410	-	398	429	453	-
	LO PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	144	-	130	138	150	-	134	143	156	-
	MBh	32.9	34.1	37.4	-	32.2	33.3	36.5	-	31.4	32.5	35.6	-	30.6	31.7	34.8	-	29.1	30.2	33.0	-	26.9	27.9	30.6	-
	S/T	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-
	ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	11	-	16	14	11	-
	1200	2.42	2.47	2.54	-	2.59	2.64	2.72	-	2.74	2.80	2.88	-	2.87	2.93	3.02	-	2.99	3.05	3.14	-	3.08	3.15	3.25	-
	Amps	8.5	8.6	8.8	-	8.9	9.1	9.3	-	9.5	9.7	9.9	-	10.0	10.2	10.4	-	10.5	10.7	11.0	-	11.0	11.2	11.5	-
	HI PR	218	235	248	-	245	264	278	-	279	300	317	-	317	342	361	-	357	384	406	-	394	425	448	-
	LO PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-
1050	MBh	30.4	31.5	34.5	-	29.7	30.8	33.7	-	29.0	30.0	32.9	-	28.3	29.3	32.1	-	26.9	27.8	30.5	-	24.9	25.8	28.2	-
	S/T	0.67	0.56	0.38	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.76	0.64	0.44	-
	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-
	1050	2.37	2.41	2.48	-	2.53	2.58	2.66	-	2.68	2.73	2.81	-	2.81	2.86	2.95	-	2.92	2.98	3.07	-	3.01	3.07	3.17	-
	Amps	8.3	8.4	8.6	-	8.8	8.9	9.1	-	9.3	9.5	9.7	-	9.8	10.0	10.2	-	10.3	10.5	10.7	-	10.7	10.9	11.2	-
	HI PR	212	228	241	-	238	256	270	-	270	291	307	-	308	331	350	-	346	373	394	-	383	412	435	-
	LO PR	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-

		OUTDOOR AMBIENT TEMPERATURE																																			
		65						75						85						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	59	63	67	71	59	63	67	71	59	63	67	71
1350	MBh	34.5	35.5	38.4	41.2	33.7	34.7	37.5	40.3	32.9	33.8	36.6	39.3	32.1	33.0	35.7	38.4	30.5	31.4	34.0	36.4	28.2	29.1	31.5	33.8	28.2	29.1	31.5	33.8	28.2	29.1	31.5	33.8	28.2	29.1	31.5	33.8
	S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41	0.94	0.84	0.64	0.41	0.94	0.84	0.64	0.41	0.94	0.84	0.64	0.41
	ΔT	19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	19	18	15	10	18	17	14	9	18	17	14	9	18	17	14	9	18	17	14	9
	kW	2.46	2.50	2.58	2.65	2.63	2.68	2.76	2.85	2.78	2.84	2.93	3.02	2.92	2.98	3.07	3.17	3.03	3.10	3.19	3.29	3.13	3.20	3.30	3.40	3.13	3.20	3.30	3.40	3.13	3.20	3.30	3.40	3.13	3.20	3.30	3.40
	Amps	8.6	8.7	8.9	9.2	9.1	9.2	9.5	9.7	9.6	9.8	10.1	10.4	10.1	10.3	10.6	10.9	10.6	10.8	11.1	11.5	11.1	11.4	11.7	12.0	11.1	11.4	11.7	12.0	11.1	11.4	11.7	12.0	11.1	11.4	11.7	12.0
	HI PR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	384	364	392	414	432	402	433	457	477	402	433	457	477	402	433	457	477	402	433	457	477
	LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167	135	144	157	167	135	144	157	167	135	144	157	167
	MBh	33.5	34.5	37.3	40.0	32.7	33.7	36.4	39.1	31.9	32.9	35.6	38.2	31.1	32.1	34.7	37.2	29.6	30.5	33.0	35.4	27.4	28.2	30.5	32.8	27.4	28.2	30.5	32.8	27.4	28.2	30.5	32.8	27.4	28.2	30.5	32.8
	S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.81	0.61	0.39	0.90	0.81	0.61	0.39	0.90	0.81	0.61	0.39	0.90	0.81	0.61	0.39
	ΔT	20	19	15	10	20	19	15	11	20	19	15	11	21	19	15	11	20	19	15	11	19	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10
1200	kW	2.44	2.49	2.56	2.63	2.61	2.66	2.74	2.82	2.76	2.82	2.90	2.99	2.90	2.96	3.05	3.14	3.01	3.07	3.17	3.27	3.11	3.17	3.27	3.38	3.11	3.17	3.27	3.38	3.11	3.17	3.27	3.38	3.11	3.17	3.27	3.38
	Amps	8.5	8.7	8.9	9.1	9.0	9.2	9.4	9.6	9.6	9.8	10.0	10.3	10.1	10.3	10.5	10.8	10.6	10.8	11.1	11.4	11.1	11.3	11.6	11.9	11.1	11.3	11.6	11.9	11.1	11.3	11.6	11.9	11.1	11.3	11.6	11.9
	HI PR	221	237	251	261	248	266	281	293	281	303	320	334	321	345	364	380	361	388	410	427	399	429	453	472	399	429	453	472	399	429	453	472	399	429	453	472
	LO PR	107	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	134	143	156	166	134	143	156	166	134	143	156	166	134	143	156	166
	MBh	30.9	31.8	34.4	37.0	30.2	31.1	33.6	36.1	29.5	30.3	32.8	35.2	28.7	29.6	32.0	34.4	27.3	28.1	30.4	32.7	25.3	26.0	28.2	30.3	25.3	26.0	28.2	30.3	25.3	26.0	28.2	30.3	25.3	26.0	28.2	30.3
	S/T	0.76	0.68	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.87	0.78	0.59	0.38	0.87	0.78	0.59	0.38	0.87	0.78	0.59	0.38	0.87	0.78	0.59	0.38
	ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10	19	18	15	10	19	18	15	10	19	18	15	10
	kW	2.38	2.43	2.50	2.57	2.55	2.60	2.68	2.76	2.70	2.75	2.84	2.92	2.83	2.89	2.97	3.07	2.94	3.00	3.09	3.19	3.03	3.10	3.19	3.30	3.03	3.10	3.19	3.30	3.03	3.10	3.19	3.30	3.03	3.10	3.19	3.30
	Amps	8.3	8.5	8.7	8.9	8.8	9.0	9.2	9.5	9.4	9.5	9.8	10.1	9.9	10.0	10.3	10.6	10.3	10.5	10.8	11.1	10.8	11.0	11.3	11.7	10.8	11.0	11.3	11.7	10.8	11.0	11.3	11.7	10.8	11.0	11.3	11.7
	HI PR	214	230	243	254	240	258	273	285	285	293	310	324	311	335	353	369	350	376	398	415	387	416	439	458	387	416	439	458	387	416	439	458	387	416	439	458
1050	LO PR	104	111	121	129	110	117	128	136	114	121	133	141	120	128	139	148	126	134	146	155	130	138	151	161	130	138	151	161	130	138	151	161	130	138	151	161

EXPANDED COOLING DATA — CPG036 — B MODELS (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				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
80	MBh	35.1	35.9	38.3	41.0	34.3	35.0	37.4	40.0	33.5	34.2	36.5	39.0	32.6	33.4	35.6	38.1	31.0	31.7	33.9	36.2	28.7	29.4	31.4	33.5
	S/T	0.90	0.85	0.69	0.51	0.93	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59
	ΔT	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	21	21	18	14	20	19	17	13
	kW	2.47	2.52	2.60	2.67	2.65	2.70	2.78	2.87	2.80	2.86	2.95	3.04	2.94	3.00	3.09	3.19	3.06	3.12	3.22	3.32	3.16	3.22	3.33	3.43
	Amps	8.6	8.8	9.0	9.2	9.1	9.3	9.5	9.8	9.7	9.9	10.1	10.4	10.2	10.4	10.7	11.0	10.7	10.9	11.2	11.6	11.2	11.4	11.7	12.1
	HI PR	225	242	256	267	253	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	407	438	462	482
	LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169
	MBh	34.1	34.8	37.2	39.8	33.3	34.0	36.3	38.8	32.5	33.2	35.5	37.9	31.7	32.4	34.6	37.0	30.1	30.8	32.9	35.1	27.9	28.5	30.4	32.5
	S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56
	ΔT	22	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14
	kW	2.46	2.50	2.58	2.65	2.63	2.68	2.76	2.85	2.78	2.84	2.93	3.02	2.92	2.98	3.07	3.17	3.03	3.10	3.19	3.29	3.13	3.20	3.30	3.40
1050	Amps	8.6	8.7	8.9	9.2	9.1	9.2	9.5	9.7	9.6	9.8	10.1	10.4	10.1	10.3	10.6	10.9	10.6	10.8	11.1	11.5	11.1	11.4	11.7	12.0
	HI PR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	384	364	392	414	432	403	433	457	477
	LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167
	MBh	31.4	32.1	34.3	36.7	30.7	31.4	33.5	35.8	30.0	30.6	32.7	35.0	29.3	29.9	31.9	34.1	27.8	28.4	30.3	32.4	25.7	26.3	28.1	30.0
	S/T	0.83	0.78	0.63	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.94	0.89	0.72	0.54	0.95	0.89	0.73	0.54
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	16	23	22	19	15	21	21	18	14
	kW	2.40	2.45	2.52	2.59	2.57	2.62	2.70	2.78	2.72	2.77	2.86	2.95	2.85	2.91	3.00	3.09	2.96	3.02	3.12	3.22	3.06	3.12	3.22	3.32
	Amps	8.4	8.5	8.7	9.0	8.9	9.0	9.3	9.5	9.4	9.6	9.9	10.1	9.9	10.1	10.4	10.7	10.4	10.6	10.9	11.2	10.9	11.1	11.4	11.7
	HI PR	216	233	246	256	243	261	276	287	276	297	313	327	314	338	357	372	353	380	402	419	390	420	444	463
	LO PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	152	162

1350	MBh	35.7	36.4	38.1	40.7	34.9	35.6	37.2	39.7	34.0	34.7	36.3	38.8	33.2	33.9	35.5	37.8	31.6	32.2	33.7	35.9	29.2	29.8	31.2	33.3	29.2	29.8	31.2	33.3	29.2	29.8	31.2	33.3	29.2	29.8	31.2	33.3
	S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.77	1.00	1.00	0.94	0.77	1.00	1.00	0.94	0.77	1.00	1.00	0.94	0.77
	ΔT	23	23	21	18	23	23	22	19	23	23	22	19	23	23	22	19	21	22	21	19	20	20	20	17	20	20	20	17	20	20	20	20	20	20	20	17
	kW	2.49	2.54	2.61	2.69	2.67	2.72	2.80	2.89	2.83	2.88	2.97	3.06	2.96	3.03	3.12	3.22	3.08	3.15	3.24	3.35	3.18	3.25	3.35	3.46	3.18	3.25	3.35	3.46	3.18	3.25	3.35	3.46	3.18	3.25	3.35	3.46
	Amps	8.7	8.8	9.0	9.3	9.2	9.4	9.6	9.9	9.8	10.0	10.2	10.5	10.3	10.5	10.8	11.1	10.8	11.0	11.3	11.6	11.3	11.5	11.8	12.2	11.3	11.5	11.8	12.2	11.3	11.5	11.8	12.2	11.3	11.5	11.8	12.2
	HI PR	227	245	258	269	255	274	290	302	290	312	330	344	330	356	375	392	372	400	422	440	411	442	467	487	411	442	467	487	411	442	467	487	411	442	467	487
	LO PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	158	133	142	155	165	138	147	160	171	138	147	160	171	138	147	160	171	138	147	160	171
	MBh	34.7	35.3	37.0	39.5	33.9	34.5	36.1	38.6	33.1	33.7	35.3	37.6	32.2	32.9	34.4	36.7	30.6	31.2	32.7	34.9	28.4	28.9	30.3	32.3	28.4	28.9	30.3	32.3	28.4	28.9	30.3	32.3	28.4	28.9	30.3	32.3
	S/T	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.90	0.73	1.00	1.00	0.90	0.73	1.00	1.00	0.90	0.73	1.00	1.00	0.90	0.73
	ΔT	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	24	24	22	19	22	22	21	18	22	22	21	18	22	22	21	18	22	22	21	18
	kW	2.47	2.52	2.60	2.67	2.65	2.70	2.78	2.87	2.80	2.86	2.95	3.04	2.94	3.00	3.09	3.19	3.06	3.12	3.22	3.32	3.16	3.22	3.33	3.43	3.16	3.22	3.33	3.43	3.16	3.22	3.33	3.43	3.16	3.22	3.33	3.43
1200	Amps	8.6	8.8	9.0	9.2	9.1	9.3	9.5	9.8	9.7	9.9	10.1	10.4	10.2	10.4	10.7	11.0	10.7	10.9	11.2	11.6	11.2	11.4	11.7	12.1	11.2	11.4	11.7	12.1	11.2	11.4	11.7	12.1	11.2	11.4	11.7	12.1
	HI PR	225	242	256	267	253	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	407	438	462	482	407	438	462	482	407	438	462	482	407	438	462	482
	LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169	137	145	159	169	137	145	159	169	137	145	159	169

EXPANDED COOLING DATA — CPG048 — A MODELS

		OUTDOOR AMBIENT TEMPERATURE																																			
		65						75						85						95						105						115					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
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	59	63	67	71								
1800	MBh	45.1	46.7	51.2	-	44.0	45.6	50.0	-	43.0	44.5	48.8	-	41.9	43.5	47.6	-	39.8	41.3	45.2	-	36.9	38.2	41.9	-	36.9	38.2	41.9	-								
	S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-	0.89	0.74	0.51	-								
	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	14	11	-	17	14	11	-								
	kW	3.22	3.29	3.38	-	3.45	3.52	3.62	-	3.65	3.72	3.84	-	3.83	3.91	4.03	-	3.98	4.06	4.19	-	4.11	4.19	4.32	-	4.11	4.19	4.32	-								
	HI PR	234	252	266	-	263	283	299	-	299	322	340	-	341	367	387	-	383	412	435	-	423	456	481	-	423	456	481	-								
1600	LO PR	105	112	122	-	111	119	129	-	116	123	134	-	122	129	141	-	127	136	148	-	132	140	153	-	132	140	153	-								
	MBh	43.8	45.4	49.7	-	42.7	44.3	48.5	-	41.7	43.2	47.4	-	40.7	42.2	46.2	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-	35.8	37.1	40.7	-								
	S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-								
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	17	15	11	-								
	kW	3.20	3.26	3.36	-	3.42	3.49	3.60	-	3.62	3.70	3.81	-	3.80	3.88	3.99	-	3.95	4.03	4.15	-	4.08	4.16	4.29	-	4.08	4.16	4.29	-								
1400	HI PR	232	250	264	-	260	280	296	-	296	319	336	-	337	363	383	-	379	408	431	-	419	451	476	-	419	451	476	-								
	LO PR	104	111	121	-	110	117	128	-	115	122	133	-	120	128	140	-	126	134	147	-	131	139	152	-	131	139	152	-								
	MBh	40.4	41.9	45.9	-	39.5	40.9	44.8	-	38.5	39.9	43.7	-	37.6	38.9	42.7	-	35.7	37.0	40.5	-	33.1	34.3	37.5	-	33.1	34.3	37.5	-								
	S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	0.82	0.68	0.47	-								
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-	18	15	12	-								
70	kW	3.13	3.19	3.28	-	3.35	3.41	3.51	-	3.54	3.61	3.72	-	3.71	3.79	3.90	-	3.86	3.93	4.06	-	3.98	4.06	4.19	-	3.98	4.06	4.19	-								
	HI PR	225	242	256	-	253	272	287	-	287	309	326	-	327	352	372	-	368	396	418	-	407	438	462	-	407	438	462	-								
	LO PR	101	108	118	-	107	114	124	-	111	118	129	-	117	124	136	-	122	130	142	-	127	135	147	-	127	135	147	-								

75	1800	MBh	45.8	47.2	51.1	54.8	44.8	46.1	49.9	53.6	43.7	45.0	48.7	52.3	42.6	43.9	47.5	51.0	40.5	41.7	45.1	48.5	37.5	38.6	41.8	44.9
		S/T	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	0.84	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
		kW	3.25	3.31	3.41	3.51	3.48	3.55	3.65	3.76	3.68	3.75	3.87	3.99	3.86	3.94	4.06	4.18	4.01	4.09	4.22	4.35	4.14	4.23	4.36	4.50
		Hi PR	237	255	269	281	266	286	302	315	302	325	343	358	344	370	391	408	387	417	440	459	428	460	486	507
		LO PR	107	113	124	132	113	120	131	139	117	124	136	145	123	131	143	152	129	137	150	159	133	142	155	165
	1600	MBh	44.5	45.8	49.6	53.2	43.5	44.8	48.4	52.0	42.4	43.7	47.3	50.8	41.4	42.6	46.1	49.5	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
		ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	10
		kW	3.22	3.29	3.38	3.48	3.45	3.52	3.62	3.73	3.65	3.73	3.84	3.96	3.83	3.91	4.03	4.15	3.98	4.06	4.19	4.32	4.11	4.19	4.33	4.46
		Hi PR	234	252	266	278	263	283	299	312	299	322	340	354	341	367	387	404	383	412	435	454	423	456	481	502
		LO PR	105	112	122	130	111	119	129	138	116	123	134	143	122	129	141	150	127	136	148	158	132	140	153	163
1400	MBh	41.1	42.3	45.8	49.1	40.1	41.3	44.7	48.0	39.2	40.3	43.7	46.8	38.2	39.3	42.6	45.7	36.3	37.4	40.5	43.4	33.6	34.6	37.5	40.2	
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	
	ΔT	22	20	16	11	22	20	17	11	22	20	17	12	22	20	17	12	22	20	17	11	20	19	15	11	
	kW	3.15	3.21	3.31	3.40	3.37	3.44	3.54	3.65	3.57	3.64	3.75	3.86	3.74	3.82	3.93	4.05	3.89	3.97	4.09	4.22	4.01	4.09	4.22	4.36	
	Hi PR	227	245	258	269	255	275	290	302	290	312	330	344	330	356	375	392	372	400	422	441	411	442	467	487	
	LO PR	102	109	119	127	108	115	126	134	112	119	130	139	118	126	137	146	124	132	144	153	128	136	149	158	

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

EXPANDED COOLING DATA — CPG048 — A MODELS (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																							
		65				75				85				95				105				115			
IDB	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																							
	MBh	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
	S/T	46.7	47.7	50.9	54.4	45.6	46.6	49.7	53.2	44.5	45.5	48.6	51.9	43.4	44.3	47.4	50.6	41.2	42.1	45.0	48.1	38.2	39.0	41.7	44.6
	ΔT	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63
	kW	23	22	19	15	23	22	19	15	23	22	19	16	22	23	20	16	21	22	19	15	20	20	18	14
	HI PR	3.27	3.33	3.43	3.53	3.50	3.57	3.68	3.79	3.71	3.78	3.90	4.02	3.89	3.97	4.09	4.22	4.04	4.13	4.25	4.39	4.17	4.26	4.39	4.54
80	LO PR	239	257	272	283	268	289	305	318	305	328	347	362	348	374	395	412	391	421	444	463	432	465	491	512
	MBh	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	153	130	138	151	161	135	143	156	166
	S/T	45.3	46.3	49.5	52.9	44.2	45.2	48.3	51.6	43.2	44.1	47.2	50.4	42.1	43.1	46.0	49.2	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3
	ΔT	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60
	kW	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	22	19	15
	HI PR	3.25	3.31	3.41	3.51	3.48	3.55	3.65	3.76	3.68	3.75	3.87	3.99	3.86	3.94	4.06	4.19	4.01	4.09	4.22	4.35	4.14	4.23	4.36	4.50
	LO PR	237	255	269	281	266	286	302	315	302	325	343	358	344	370	391	408	387	417	440	459	428	460	486	507
	MBh	107	113	124	132	113	120	131	139	117	124	136	145	123	131	143	152	129	137	150	159	133	142	155	165
	S/T	41.8	42.7	45.6	48.8	40.8	41.7	44.6	47.7	39.9	40.7	43.5	46.5	38.9	39.7	42.5	45.4	36.9	37.8	40.3	43.1	34.2	35.0	37.4	39.9
	ΔT	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.95	0.77	0.58	1.02	0.95	0.78	0.58
1400	kW	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	23	20	16	23	22	19	15
	HI PR	3.18	3.24	3.33	3.43	3.40	3.47	3.57	3.68	3.60	3.67	3.78	3.89	3.77	3.85	3.96	4.09	3.92	4.00	4.12	4.25	4.04	4.13	4.26	4.39
	LO PR	230	247	261	272	258	277	293	305	293	315	333	347	334	359	379	396	375	404	427	445	415	446	471	492
	MBh	103	110	120	128	109	116	127	135	113	121	132	140	119	127	138	147	125	133	145	154	129	137	150	160
	S/T																								

85	1800	MBh	47.5	48.4	50.7	54.1	46.4	47.3	49.5	52.8	45.3	46.1	48.3	51.6	44.2	45.0	47.1	50.3	42.0	42.8	44.8	47.8	38.9	39.6	41.5	44.3
		S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82
		ΔT	24	24	23	20	24	24	23	20	23	24	23	20	23	23	23	20	21	22	23	20	20	20	21	19
		kW	3.29	3.36	3.46	3.56	3.53	3.60	3.71	3.82	3.74	3.81	3.93	4.05	3.92	4.00	4.12	4.25	4.07	4.16	4.29	4.42	4.21	4.29	4.43	4.57
		HI PR	241	260	274	286	271	292	308	321	308	332	350	365	351	378	399	416	395	425	449	468	436	470	496	517
1600	LO PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	153	162	136	145	158	168	
	MBh	46.1	47.0	49.2	52.5	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0	
	S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78	
	ΔT	26	25	24	21	26	25	24	21	25	25	24	21	25	25	24	21	23	24	24	21	22	22	22	19	
	kW	3.27	3.33	3.43	3.53	3.50	3.57	3.68	3.79	3.71	3.78	3.90	4.02	3.89	3.97	4.09	4.22	4.04	4.13	4.25	4.39	4.17	4.26	4.39	4.54	
1400	HI PR	239	257	272	283	268	289	305	318	305	328	347	362	348	374	395	412	391	421	444	463	432	465	491	512	
	LO PR	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	153	130	138	151	161	135	143	156	166	
	MBh	42.5	43.4	45.4	48.5	41.5	42.4	44.4	47.3	40.6	41.3	43.3	46.2	39.6	40.3	42.2	45.1	37.6	38.3	40.1	42.8	34.8	35.5	37.2	39.7	
	S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75	
	ΔT	26	26	24	21	26	26	24	21	26	26	24	21	26	26	25	21	25	25	24	21	23	23	23	20	
1200	kW	3.20	3.26	3.36	3.45	3.42	3.49	3.59	3.70	3.62	3.70	3.81	3.92	3.80	3.88	3.99	4.12	3.95	4.03	4.15	4.28	4.07	4.16	4.29	4.43	
	HI PR	232	250	264	275	260	280	296	308	296	319	336	351	337	363	383	400	379	408	431	449	419	451	476	497	
	LO PR	104	111	121	129	110	117	128	136	115	122	133	142	120	128	140	149	126	134	147	156	130	139	152	161	
	MBh	38.9	39.6	41.5	44.3	38.9	39.6	41.5	44.3	38.9	39.6	41.5	44.3	38.9	39.6	41.5	44.3	38.9	39.6	41.5	44.3	38.9	39.6	41.5	44.3	

IDB = Entering Indoor Dry Bulb Temperature Shaded area reflects ARI Rating conditions. High & low pressures are measured at the liquid & suction access fittings.

Design Superheat 7±2 °F & Design Subcooling 12 ±2 °F pressures measured @ the suction and liquid access fittings; ARI 95° test conditions

EXPANDED COOLING DATA — CPG048 — B MODELS

		OUTDOOR AMBIENT TEMPERATURE																																			
		65						75						85						95						105						115					
		ENTERING INDOOR WET BULB TEMPERATURE																																			
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	59	63	67	71								
70		MBh	44.6	46.2	50.6	-	43.5	45.1	49.5	-	42.5	44.1	48.3	-	41.5	43.0	47.1	-	39.4	40.8	44.7	-	36.5	37.8	41.4	-	36.5	37.8	41.4	-							
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-							
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-	16	14	10	-							
	1800	kW	3.13	3.19	3.29	-	3.36	3.43	3.53	-	3.56	3.63	3.75	-	3.74	3.82	3.94	-	3.89	3.97	4.10	-	4.02	4.10	4.23	-	4.02	4.10	4.23	-							
		Amps	10.2	10.4	10.6	-	10.8	11.0	11.3	-	11.5	11.7	12.0	-	12.1	12.3	12.6	-	12.7	12.9	13.3	-	13.3	13.5	13.9	-	13.3	13.5	13.9	-							
		HI PR	239	257	271	-	268	288	304	-	305	328	346	-	347	373	394	-	390	420	444	-	431	464	490	-	431	464	490	-							
		LO PR	110	117	128	-	116	124	135	-	121	129	141	-	127	135	148	-	133	142	155	-	138	147	160	-	138	147	160	-							
		MBh	43.3	44.9	49.2	-	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	-	35.4	36.7	40.2	-							
		S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-							
		ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-	16	14	11	-							
	1600	kW	3.11	3.17	3.27	-	3.33	3.40	3.51	-	3.53	3.61	3.72	-	3.71	3.79	3.90	-	3.86	3.94	4.06	-	3.99	4.07	4.20	-	3.99	4.07	4.20	-							
	Amps	10.1	10.3	10.6	-	10.7	10.9	11.2	-	11.4	11.6	11.9	-	12.0	12.2	12.5	-	12.6	12.8	13.2	-	13.2	13.4	13.8	-	13.2	13.4	13.8	-								
	HI PR	236	254	269	-	265	285	301	-	302	325	343	-	344	370	390	-	386	416	439	-	427	460	485	-	427	460	485	-								
	LO PR	109	116	127	-	115	123	134	-	120	128	139	-	126	134	146	-	132	140	153	-	136	145	158	-	136	145	158	-								
	MBh	40.0	41.4	45.4	-	39.0	40.4	44.3	-	38.1	39.5	43.3	-	37.2	38.5	42.2	-	35.3	36.6	40.1	-	32.7	33.9	37.1	-	32.7	33.9	37.1	-								
	S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-								
	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-								
1400	kW	3.04	3.10	3.19	-	3.26	3.32	3.42	-	3.45	3.52	3.63	-	3.62	3.70	3.81	-	3.76	3.84	3.97	-	3.89	3.97	4.10	-	3.89	3.97	4.10	-								
	Amps	9.9	10.1	10.3	-	10.5	10.7	11.0	-	11.2	11.4	11.7	-	11.7	12.0	12.3	-	12.3	12.6	12.9	-	12.9	13.1	13.5	-	12.9	13.1	13.5	-								
	HI PR	229	247	261	-	257	277	292	-	293	315	332	-	333	359	379	-	375	403	426	-	414	446	471	-	414	446	471	-								
	LO PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	132	141	154	-	132	141	154	-								

1800	MBh	45.3	46.7	50.5	54.2	44.3	45.6	49.4	53.0	43.2	44.5	48.2	51.7	42.2	43.4	47.0	50.4	40.1	41.3	44.7	47.9	37.1	38.2	41.4	44.4
	S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.96	0.86	0.65	0.42	0.96	0.86	0.65	0.42
	ΔT	19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10
	KW	3.16	3.22	3.32	3.42	3.39	3.46	3.56	3.67	3.59	3.66	3.78	3.90	3.77	3.85	3.97	4.09	3.92	4.00	4.13	4.26	4.05	4.14	4.27	4.41
	Amps	10.3	10.4	10.7	11.0	10.9	11.1	11.3	11.7	11.6	11.8	12.1	12.4	12.2	12.4	12.7	13.1	12.8	13.0	13.4	13.8	13.4	13.6	14.0	14.4
	HI PR	241	260	274	286	271	291	307	321	308	331	350	365	351	377	398	415	394	424	448	467	436	469	495	516
	LO PR	111	118	129	138	118	125	137	146	122	130	142	151	128	137	149	159	135	143	156	167	139	148	162	172
	MBh	44.0	45.3	49.1	52.7	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	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.59	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40
	ΔT	20	19	15	11	21	19	15	11	21	19	15	11	21	19	16	11	20	19	15	11	19	18	14	10
	1600	KW	3.13	3.20	3.29	3.39	3.36	3.43	3.53	3.64	3.56	3.63	3.75	3.87	3.74	3.82	3.94	4.06	3.89	3.97	4.10	4.23	4.02	4.10	4.24
Amps		10.2	10.4	10.6	10.9	10.8	11.0	11.3	11.6	11.5	11.7	12.0	12.3	12.1	12.3	12.6	13.0	12.7	12.9	13.3	13.7	13.3	13.5	13.9	14.3
HI PR		239	257	271	283	268	288	304	318	305	328	346	361	347	373	394	411	390	420	444	463	431	464	490	511
LO PR		110	117	128	136	116	124	135	144	121	129	141	150	127	135	148	157	133	142	155	165	138	147	160	171
MBh		40.6	41.8	45.3	48.6	39.7	40.9	44.2	47.5	38.7	39.9	43.2	46.3	37.8	38.9	42.1	45.2	35.9	37.0	40.0	42.9	33.3	34.2	37.1	39.8
S/T		0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.89	0.79	0.60	0.39
ΔT		21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
KW		3.06	3.12	3.22	3.31	3.28	3.35	3.45	3.56	3.48	3.55	3.66	3.77	3.65	3.73	3.84	3.96	3.80	3.88	4.00	4.13	3.92	4.00	4.13	4.27
Amps		10.0	10.2	10.4	10.7	10.6	10.8	11.0	11.3	11.3	11.5	11.7	12.1	11.8	12.1	12.4	12.7	12.4	12.6	13.0	13.4	13.0	13.2	13.6	14.0
HI PR		232	249	263	275	260	280	295	308	296	318	336	350	337	362	383	399	379	408	430	449	418	450	475	496
LO PR		107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	153	129	138	150	160	134	142	155	165
1400	MBh	45.3	46.7	50.5	54.2	44.3	45.6	49.4	53.0	43.2	44.5	48.2	51.7	42.2	43.4	47.0	50.4	40.1	41.3	44.7	47.9	37.1	38.2	41.4	44.4
	S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.96	0.86	0.65	0.42	0.96	0.86	0.65	0.42
	ΔT	19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10
	KW	3.16	3.22	3.32	3.42	3.39	3.46	3.56	3.67	3.59	3.66	3.78	3.90	3.77	3.85	3.97	4.09	3.92	4.00	4.13	4.26	4.05	4.14	4.27	4.41
	Amps	10.3	10.4	10.7	11.0	10.9	11.1	11.3	11.7	11.6	11.8	12.1	12.4	12.2	12.4	12.7	13.1	12.8	13.0	13.4	13.8	13.4	13.6	14.0	14.4
	HI PR	241	260	274	286	271	291	307	321	308	331	350	365	351	377	398	415	394	424	448	467	436	469	495	516
	LO PR	111	118	129	138	118	125	137	146	122	130	142	151	128	137	149	159	135	143	156	167	139	148	162	172
	MBh	44.0	45.3	49.1	52.7	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	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.59	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40
	ΔT	20	19	15	11	21	19	15	11	21	19	15	11	21	19	16	11	20	19	15	11	19	18	14	10
	1200	KW	3.13	3.20	3.29	3.39	3.36	3.43	3.53	3.64	3.56	3.63	3.75	3.87	3.74	3.82	3.94	4.06	3.89	3.97	4.10	4.23	4.02	4.10	4.24
Amps		10.2	10.4	10.6	10.9	10.8	11.0	11.3	11.6	11.5	11.7	12.0	12.3	12.1	12.3	12.6	13.0	12.7	12.9	13.3	13.7	13.3	13.5	13.9	14.3
HI PR		239	257	271	283	268	288	304	318	305	328	346	361	347	373	394	411	390	420	444	463	431	464	490	511
LO PR		110	117	128	136	116	124	135	144	121	129	141	150	127	135	148	157	133	142	155	165	138	147	160	171
MBh		40.6	41.8	45.3	48.6	39.7	40.9	44.2	47.5	38.7	39.9	43.2	46.3	37.8	38.9	42.1	45.2	35.9	37.0	40.0	42.9	33.3	34.2	37.1	39.8
S/T		0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.89	0.79	0.60	0.39
ΔT		21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
KW		3.06	3.12	3.22	3.31	3.28	3.35	3.45	3.56	3.48	3.55	3.66	3.77	3.65	3.73	3.84	3.96	3.80	3.88	4.00	4.13	3.92	4.00	4.13	4.27
Amps		10.0	10.2	10.4	10.7	10.6	10.8	11.0	11.3	11.3	11.5	11.7	12.1	11.8	12.1	12.4	12.7	12.4	12.6	13.0	13.4	13.0	13.2	13.6	14.0
HI PR		232	249	263	275	260	280	295	308	296	318	336	350	337	362	383	399	379	408	430	449	418	450	475	496
LO PR		107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	153	129	138	150	160	134	142	155	165

EXPANDED COOLING DATA — CPG048 — B MODELS (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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		59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999	1003	1007	1011	1015	1019	1023	1027	1031	1035	1039	1043	1047	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1095	1099	1103	1107	1111	1115	1119	1123	1127	1131	1135	1139	1143	1147	1151	1155	1159	1163	1167	1171	1175	1179	1183	1187	1191	1195	1199	1203	1207	1211	1215	1219	1223	1227	1231	1235	1239	1243	1247	1251	1255	1259	1263	1267	1271	1275	1279	1283	1287	1291	1295	1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	1359	1363	1367	1371	1375	1379	1383	1387	1391	1395	1399	1403	1407	1411	1415	1419	1423	1427	1431	1435	1439	1443	1447	1451	1455	1459	1463	1467	1471	1475	1479	1483	1487	1491	1495	1499	1503	1507	1511	1515	1519	1523	1527	1531	1535	1539	1543	1547	1551	1555	1559	1563	1567	1571	1575	1579	1583	1587	1591	1595	1599	1603	1607	1611	1615	1619	1623	1627	1631	1635	1639	1643	1647	1651	1655	1659	1663	1667	1671	1675	1679	1683	1687	1691	1695	1699	1703	1707	1711	1715	1719	1723	1727	1731	1735	1739	1743	1747	1751	1755	1759	1763	1767	1771	1775	1779	1783	1787	1791	1795	1799	1803	1807	1811	1815	1819	1823	1827	1831	1835	1839	1843	1847	1851	1855	1859	1863	1867	1871	1875	1879	1883	1887	1891	1895	1899	1903	1907	1911	1915	1919	1923	1927	1931	1935	1939	1943	1947	1951	1955	1959	1963	1967	1971	1975	1979	1983	1987	1991	1995	1999	2003	2007	2011	2015	2019	2023	2027	2031	2035	2039	2043	2047	2051	2055	2059	2063	2067	2071	2075	2079	2083	2087	2091	2095	2099	2103	2107	2111	2115	2119	2123	2127	2131	2135	2139	2143	2147	2151	2155	2159	2163	2167	2171	2175	2179	2183	2187	2191	2195	2199	2203	2207	2211	2215	2219	2223	2227	2231	2235	2239	2243	2247	2251	2255	2259	2263	2267	2271	2275	2279	2283	2287	2291	2295	2299	2303	2307	2311	2315	2319	2323	2327	2331	2335	2339	2343	2347	2351	2355	2359	2363	2367	2371	2375	2379	2383	2387	2391	2395	2399	2403	2407	2411	2415	2419	2423	2427	2431	2435	2439	2443	2447	2451	2455	2459	2463	2467	2471	2475	2479	2483	2487	2491	2495	2499	2503	2507	2511	2515	2519	2523	2527	2531	2535	2539	2543	2547	2551	2555	2559	2563	2567	2571	2575	2579	2583	2587	2591	2595	2599	2603	2607	2611	2615	2619	2623	2627	2631	2635	2639	2643	2647	2651	2655	2659	2663	2667	2671	2675	2679	2683	2687	2691	2695	2699	2703	2707	2711	2715	2719	2723	2727	2731	2735	2739	2743	2747	2751	2755	2759	2763	2767	2771	2775	2779	2783	2787	2791	2795	2799	2803	2807	2811	2815	2819	2823	2827	2831	2835	2839	2843	2847	2851	2855	2859	2863	2867	2871	2875	2879	2883	2887	2891	2895	2899	2903	2907	2911	2915	2919	2923	2927	2931	2935	2939	2943	2947	2951	2955	2959	2963	2967	2971	2975	2979	2983	2987	2991	2995	2999	3003	3007	3011	3015	3019	3023	3027	3031	3035	3039	3043	3047	3051	3055	3059	3063	3067	3071	3075	3079	3083	3087	3091	3095	3099	3103	3107	3111	3115	3119	3123	3127	3131	3135	3139	3143	3147	3151	3155	3159	3163	3167	3171	3175	3179	3183	3187	3191	3195	3199	3203	3207	3211	3215	3219	3223	3227	3231	3235	3239	3243	3247	3251	3255	3259	3263	3267	3271	3275	3279	3283	3287	3291	3295	3299	3303	3307	3311	3315	3319	3323	3327	3331	3335	3339	3343	3347	3351	3355	3359	3363	3367	3371	3375	3379	3383	3387	3391	3395	3399	3403	3407	3411	3415	3419	3423	3427	3431	3435	3439	3443	3447	3451	3455	3459	3463	3467	3471	3475	3479	3483	3487	3491	3495	3499	3503	3507	3511	3515	3519	3523	3527	3531	3535	3539	3543	3547	3551	3555	3559	3563	3567	3571	3575	3579	3583	3587	3591	3595	3599	3603	3607	3611	3615	3619	3623	3627	3631	3635	3639	3643	3647	3651	3655	3659	3663	3667	3671	3675	3679	3683	3687	3691	3695	3699	3703	3707	3711	3715	3719	3723	3727	3731	3735	3739	3743	3747	3751	3755	3759	3763	3767	3771	3775	3779	3783	3787	3791	3795	3799	3803	3807	3811	3815	3819	3823	3827	3831	3835	3839	3843	3847	3851	3855	3859	3863	3867	3871	3875	3879	3883	3887	3891	3895	3899	3903	3907	3911	3915	3919	3923	3927	3931	3935	3939	3943	3947	3951	3955	3959	3963	3967	3971	3975	3979	3983	3987	3991	3995	3999	4003	4007	4011	4015	4019	4023	4027	4031	4035	4039	4043	4047	4051	4055	4059	4063	4067	4071	4075	4079	4083	4087	4091	4095	4099	4103	4107	4111	4115	4119	4123	4127	4131	4135	4139	4143	4147	4151	4155	4159	4163	4167	4171	4175	4179	4183	4187	4191	4195	4199	4203	4207	4211	4215	4219	4223	4227	4231	4235	4239	4243	4247	4251	4255	4259	4263	4267	4271	4275	4279	4283	4287	4291	4295	4299	4303	4307	4311	4315	4319	4323	4327	4331	4335	4339	4343	4347	4351	4355	4359	4363	4367	4371	4375	4379	4383	4387	4391	4395	4399	4403	4407	4411	4415	4419	4423	4427	4431	4435	4439	4443	4447	4451	4455	4459	4463	4467	4471	4475	4479	4483	4487	4491	4495	4499	4503	4507	4511	4515	4519	4523	4527	4531	4535	4539	4543	4547	4551	4555	4559	4563	4567	4571	4575	4579	4583	4587	4591	4595	4599	4603	4607	4611	4615	4619	4623	4627	4631	4635	4639	4643	4647	4651	4655	4659	4663	4667	4671	4675	4679	4683	4687	4691	4695	4699	4703	4707	4711	4715	4719	4723	4727	4731	4735	4739	4743	4747	4751	4755	4759	4763	4767	4771	4775	4779	4783	4787	4791	4795	4799	4803	4807	4811	4815	4819	4823	4827	4831	4835	4839	4843	4847	4851	4855	4859	4863	4867	4871	4875	4879	4883	4887	4891	4895	4899	4903	4907	4911	4915	4919	4923	4927	4931	4935	4939	4943	4947	4951	4955	4959	4963	4967	4971	4975	4979	4983	4987	4991	4995	4999	5003	5007	5011	5015	5019	5023	5027	5031	5035	5039	5043	5047	5051	5055	5059	5063	5067	5071	5075	5079	5083	5087	5091	5095	5099	5103	5107	5111	5115	5119	5123	5127	5131	5135	5139	5143	5147	5151	5155	5159	5163	5167	5171	5175	5179	5183	5187	5191	5195	5199	5203	5207	5211	5215	5219	5223	5227	5231	5235	5239	5243	5247	5251	5255	5259	5263	5267	5271	5275	5279	5283	5287	5291	5295	5299	5303	5307	5311	5315	5319	5323	5327	5331	5335	5339	5343	5347	5351	5355	5359	5363	5367	5371	5375	5379	5383	5387	5391	5395	5399	5403	5407	5411	5415	5419	5423	5427	5431	5435	5439	5443	5447	5451	5455	5459	5463	5467	5471	5475	5479	5483	5487	5491	5495	5499	5503	5507	5511	5515	5519	5523	5527	5531	5535	5539	5543	5547	5551	5555	5559	5563	5567	5571	5575	5579	5583	5587	5591	5595	5599	5603</

1800	MBh	47.0	47.9	50.1	53.5	45.9	46.7	49.0	52.2	44.8	45.6	47.8	51.0	43.7	44.5	46.6	49.7	41.5	42.3	44.3	47.3	38.4	39.2	41.0	43.8	
	S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.89	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.78	
	ΔT	23	23	22	19	23	23	22	19	23	23	22	19	22	23	22	19	21	22	22	19	20	20	20	18	
	kW	3.20	3.27	3.37	3.47	3.44	3.51	3.62	3.73	3.65	3.72	3.84	3.96	3.83	3.91	4.03	4.16	3.98	4.07	4.20	4.33	4.12	4.21	4.34	4.48	
	Amps	10.4	10.6	10.8	11.1	11.0	11.2	11.5	11.8	11.7	11.9	12.3	12.6	12.3	12.6	12.9	13.3	13.0	13.2	13.6	14.0	13.6	13.8	14.2	14.6	
	HI PR	246	265	280	292	276	297	314	327	314	338	357	372	358	385	406	424	402	433	457	477	444	478	505	527	
	LO PR	114	121	132	141	120	128	139	148	125	133	145	154	131	139	152	162	137	146	160	170	142	151	165	176	
	MBh	45.6	46.5	48.7	51.9	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	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.75	
	ΔT	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	23	24	23	20	21	22	21	18	
	1600	kW	3.18	3.24	3.34	3.44	3.41	3.48	3.59	3.70	3.62	3.69	3.81	3.93	3.80	3.88	4.00	4.13	3.95	4.04	4.16	4.30	4.08	4.17	4.31	4.45
Amps		10.3	10.5	10.8	11.1	10.9	11.1	11.4	11.7	11.7	11.9	12.2	12.5	12.3	12.5	12.8	13.2	12.9	13.1	13.5	13.9	13.5	13.7	14.1	14.5	
HI PR		244	262	277	289	273	294	311	324	311	335	353	368	354	381	402	420	398	429	453	472	440	474	500	522	
LO PR		112	120	131	139	119	126	138	147	124	131	143	153	130	138	151	160	136	145	158	168	141	150	163	174	
MBh		42.1	42.9	44.9	47.9	41.1	41.9	43.9	46.8	40.1	40.9	42.8	45.7	39.1	39.9	41.8	44.6	37.2	37.9	39.7	42.4	34.4	35.1	36.8	39.2	
S/T		0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	0.98	0.89	0.72	
ΔT		25	24	23	20	25	24	23	20	25	24	23	20	25	25	23	20	24	24	23	20	23	23	21	19	
kW		3.11	3.17	3.26	3.36	3.33	3.40	3.50	3.61	3.53	3.61	3.72	3.83	3.71	3.78	3.90	4.03	3.86	3.94	4.06	4.19	3.98	4.07	4.20	4.34	
Amps		10.1	10.3	10.6	10.8	10.7	10.9	11.2	11.5	11.4	11.6	11.9	12.3	12.0	12.2	12.5	12.9	12.6	12.8	13.2	13.6	13.2	13.4	13.8	14.2	
HI PR		236	254	269	280	265	285	301	314	302	324	343	357	343	370	390	407	386	416	439	458	427	459	485	506	
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	
1400																										

EXPANDED COOLING DATA — CPG060 — A MODELS

IDB		AIRFLOW		75						85						95						105						115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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				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	59	63	67	71																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
70	2306	MBh	58.4	60.5	66.3	-	57.0	59.1	64.8	-	55.7	57.7	63.2	-	54.3	56.3	61.7	-	51.6	53.5	58.6	-	47.8	49.6	54.3	-																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

2306	MBh	59.4	61.2	66.2	71.0	58.0	59.7	64.7	69.4	56.6	58.3	63.1	67.7	55.2	56.9	61.6	66.1	52.5	54.0	58.5	62.8	48.6	50.1	54.2	58.2
	S/T	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.87	0.66	0.43
	ΔT	20	19	15	10	20	19	15	11	20	19	15	11	21	19	16	11	20	19	15	11	19	17	14	10
	kW	4.03	4.11	4.24	4.38	4.34	4.43	4.57	4.72	4.61	4.71	4.86	5.02	4.85	4.96	5.12	5.29	5.05	5.17	5.34	5.52	5.23	5.35	5.52	5.71
	Amps	10.6	10.9	11.2	11.6	11.5	11.7	12.1	12.5	12.4	12.7	13.1	13.6	13.3	13.6	14.0	14.5	14.1	14.4	14.9	15.5	14.9	15.3	15.8	16.4
	Hi Pr	246	265	280	292	277	298	314	328	315	338	357	373	358	386	407	425	403	434	458	478	445	479	506	528
	Lo Pr	106	113	124	132	112	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165
	MBh	57.7	59.4	64.3	69.0	56.3	58.0	62.8	67.4	55.0	56.6	61.3	65.8	53.6	55.2	59.8	64.2	51.0	52.5	56.8	61.0	47.2	48.6	52.6	56.5
	S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.38	0.89	0.80	0.60	0.39	0.92	0.83	0.63	0.40	0.93	0.83	0.63	0.41
	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
2050	kW	4.00	4.08	4.21	bb	4.30	4.40	4.54	4.68	4.57	4.67	4.82	4.98	4.81	4.92	5.08	5.25	5.01	5.12	5.29	5.47	5.19	5.30	5.48	5.66
	Amps	10.5	10.8	11.1	11.5	11.4	11.6	12.0	12.4	12.3	12.6	13.0	13.5	13.1	13.5	13.9	14.4	14.0	14.3	14.8	15.3	14.8	15.1	15.6	16.2
	Hi Pr	244	263	277	289	274	295	311	325	311	335	354	369	355	382	403	420	399	429	453	473	441	474	501	523
	Lo Pr	105	112	122	130	111	118	129	138	116	123	134	143	122	129	141	150	127	136	148	158	132	140	153	163
	MBh	53.2	54.8	59.3	63.7	52.0	53.5	57.9	62.2	50.7	52.2	56.6	60.7	49.5	51.0	55.2	59.2	47.0	48.4	52.4	56.3	43.6	44.9	48.6	52.1
1794	S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.80	0.61	0.39
	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
	kW	3.90	3.99	4.11	4.24	4.20	4.29	4.43	4.57	4.46	4.56	4.70	4.86	4.69	4.79	4.95	5.11	4.89	5.00	5.16	5.33	5.06	5.17	5.34	5.52
	Amps	10.3	10.5	10.8	11.2	11.1	11.3	11.7	12.1	12.0	12.3	12.7	13.1	12.8	13.1	13.5	14.0	13.6	13.9	14.4	14.9	14.4	14.7	15.2	15.8
	Hi Pr	237	255	269	281	266	286	302	315	302	325	343	358	344	370	391	408	387	417	440	459	428	460	486	507
Lo Pr	102	109	119	126	108	115	125	134	112	119	130	139	118	125	137	146	124	131	144	153	128	136	148	158	

EXPANDED COOLING DATA — CPG060 — A MODELS (CONT.)

		OUTDOOR AMBIENT TEMPERATURE																																					
		65						75						85						95						105						115							
IDB	AIRFLOW	ENTERING INDOOR WET BULB TEMPERATURE																																					
		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	59	63	67	71	59	63	67	71		
80		MBh	60.4	61.8	66.0	70.5	59.0	60.3	64.5	68.9	57.6	58.9	62.9	67.3	56.2	57.5	61.4	65.6	53.4	54.6	58.3	62.3	49.5	50.6	54.0	57.7													
		S/T	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.61	1.00	1.00	0.82	0.61													
		ΔT	22	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	18	14													
	2306	kW	4.06	4.15	4.28	4.42	4.37	4.47	4.61	4.76	4.65	4.75	4.90	5.07	4.89	5.00	5.16	5.33	5.10	5.21	5.38	5.56	5.27	5.39	5.57	5.76													
		Amps	10.7	11.0	11.3	11.7	11.6	11.8	12.2	12.7	12.5	12.8	13.3	13.7	13.4	13.7	14.1	14.7	14.2	14.6	15.0	15.6	15.0	15.4	15.9	16.5													
		Hi Pr	249	268	283	295	279	301	317	331	318	342	361	377	362	389	411	429	407	438	463	483	450	484	511	533													
		Lo Pr	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166													
		MBh	58.7	60.0	64.1	68.5	57.3	58.6	62.6	66.9	56.0	57.2	61.1	65.3	54.6	55.8	59.6	63.7	51.9	53.0	56.6	60.5	48.0	49.1	52.4	56.1													
		S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.53	0.95	0.89	0.72	0.54	0.98	0.92	0.74	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58													
		ΔT	23	22	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	22	21	18	15													
	1794	2050	kW	4.03	4.12	4.24	4.38	4.34	4.43	4.57	4.72	4.61	4.71	4.86	5.02	4.85	4.96	5.12	5.29	5.05	5.17	5.34	5.52	5.23	5.35	5.53	5.71												
		Amps	10.6	10.9	11.2	11.6	11.5	11.7	12.1	12.5	12.4	12.7	13.1	13.6	13.3	13.6	14.0	14.5	14.1	14.4	14.9	15.5	14.9	15.3	15.8	16.4													
		Hi Pr	247	265	280	292	277	298	314	328	315	339	357	373	358	386	407	425	403	434	458	478	445	479	506	528													
		Lo Pr	106	113	124	132	112	120	131	139	117	124	136	145	123	131	143	152	129	137	149	159	133	142	155	165													
		MBh	54.2	55.4	59.1	63.2	52.9	54.1	57.8	61.7	51.6	52.8	56.4	60.3	50.4	51.5	55.0	58.8	47.9	48.9	52.3	55.9	44.3	45.3	48.4	51.7													
		S/T	0.86	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.91	0.85	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.98	0.92	0.75	0.56													
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15													
		kW	3.93	4.02	4.14	4.27	4.23	4.32	4.46	4.61	4.50	4.59	4.74	4.90	4.73	4.83	4.99	5.16	4.93	5.04	5.20	5.38	5.10	5.21	5.38	5.57													
		Amps	10.4	10.6	10.9	11.3	11.2	11.4	11.8	12.2	12.1	12.4	12.8	13.2	12.9	13.2	13.6	14.1	13.7	14.0	14.5	15.0	14.5	14.9	15.3	15.9													
		Hi Pr	239	257	272	283	268	289	305	318	305	328	347	362	348	374	395	412	391	421	444	463	432	465	491	512													
		Lo Pr	103	110	120	128	109	116	127	135	113	121	132	140	119	127	138	147	125	133	145	154	129	137	150	160													

2306	MBh	61.5	62.7	65.7	70.1	60.1	61.2	64.1	68.4	58.6	59.8	62.6	66.8	57.2	58.3	61.1	65.2	54.4	55.4	58.0	61.9	50.3	51.3	53.8	57.3
	S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79
	ΔT	24	24	22	19	24	24	23	20	23	24	23	20	23	23	23	20	22	22	22	19	20	20	21	18
	kW	4.09	4.18	4.31	4.45	4.41	4.50	4.65	4.80	4.69	4.79	4.94	5.11	4.93	5.04	5.21	5.38	5.14	5.25	5.43	5.61	5.32	5.44	5.62	5.81
	Amps	10.8	11.1	11.4	11.8	11.7	11.9	12.3	12.8	12.7	13.0	13.4	13.9	13.5	13.8	14.3	14.8	14.3	14.7	15.2	15.7	15.2	15.6	16.1	16.7
	Hi Pr	251	271	286	298	282	304	321	334	321	345	365	380	365	393	415	433	411	442	467	487	454	489	516	538
	Lo Pr	109	116	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168
	MBh	59.7	60.9	63.7	68.0	58.3	59.5	62.3	66.4	56.9	58.0	60.8	64.8	55.5	56.6	59.3	63.3	52.8	53.8	56.3	60.1	48.9	49.8	52.2	55.7
2050	S/T	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.76
	ΔT	25	25	23	20	25	25	24	20	25	25	24	20	25	25	24	21	24	24	23	20	22	22	22	19
	kW	4.06	4.15	4.28	4.42	4.37	4.47	4.61	4.76	4.65	4.75	4.90	5.07	4.89	5.00	5.16	5.33	5.10	5.21	5.38	5.56	5.27	5.39	5.57	5.76
	Amps	10.7	11.0	11.3	11.7	11.6	11.8	12.2	12.7	12.5	12.8	13.3	13.7	13.4	13.7	14.1	14.7	14.2	14.6	15.0	15.6	15.0	15.4	15.9	16.5
	Hi Pr	249	268	283	295	279	301	317	331	318	342	361	377	362	389	411	429	407	438	463	483	450	484	511	533
	Lo Pr	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166
	MBh	55.1	56.2	58.8	62.8	53.8	54.9	57.5	61.3	52.6	53.6	56.1	59.9	51.3	52.3	54.7	58.4	48.7	49.6	52.0	55.5	45.1	46.0	48.2	51.4
	S/T	0.90	0.87	0.78	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.90	0.73
1794	ΔT	25	25	24	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	21	23	23	22	19
	kW	3.97	4.05	4.18	4.31	4.27	4.36	4.50	4.64	4.53	4.63	4.78	4.94	4.77	4.87	5.03	5.20	4.97	5.08	5.25	5.42	5.14	5.26	5.43	5.61
	Amps	10.4	10.7	11.0	11.4	11.3	11.5	11.9	12.3	12.2	12.5	12.9	13.4	13.0	13.3	13.8	14.3	13.8	14.2	14.6	15.2	14.6	15.0	15.5	16.1
	Hi Pr	242	260	274	286	271	292	308	321	308	332	350	365	351	378	399	416	395	425	449	468	436	470	496	517
	Lo Pr	104	111	121	129	110	117	128	136	115	122	133	142	120	128	140	149	126	134	146	156	130	139	151	161

EXPANDED COOLING DATA — CPG060 — B MODELS

		OUTDOOR AMBIENT TEMPERATURE																																			
		65						75						85						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	59	63	67	71	59	63	67	71				
70		MBh	58.3	60.4	66.2	-	56.9	59.0	64.7	-	55.6	57.6	63.1	-	54.2	56.2	61.6	-	51.5	53.4	58.5	-	47.7	49.5	54.2	-	47.7	49.5	54.2	-	47.7	49.5	54.2	-			
		S/T	0.73	0.61	0.42	-	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	-	0.84	0.70	0.48	-	0.84	0.70	0.48	-			
		ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-	16	14	11	-	16	14	11	-			
		kW	3.97	4.06	4.18	-	4.27	4.36	4.50	-	4.54	4.64	4.78	-	4.77	4.88	5.03	-	4.97	5.08	5.25	-	5.14	5.25	5.43	-	5.14	5.25	5.43	-	5.14	5.25	5.43	-			
		Amps	12.4	12.7	13.0	-	13.3	13.5	13.9	-	14.2	14.5	14.9	-	15.0	15.3	15.7	-	15.8	16.1	16.6	-	16.6	17.0	17.5	-	16.6	17.0	17.5	-	16.6	17.0	17.5	-			
		HI PR	244	262	277	-	273	294	311	-	311	335	353	-	334	381	402	-	398	429	453	-	440	474	500	-	440	474	500	-	440	474	500	-			
		LO PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	144	-	130	138	150	-	134	143	156	-	134	143	156	-	134	143	156	-			
			MBh	56.6	58.7	64.3	-	55.3	57.3	62.8	-	54.0	55.9	61.3	-	52.7	54.6	59.8	-	50.0	51.8	56.8	-	46.3	48.0	52.6	-	46.3	48.0	52.6	-	46.3	48.0	52.6	-		
	S/T		0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-			
	ΔT		18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	17	15	11	-			
			kW	3.94	4.02	4.15	-	4.24	4.33	4.47	-	4.50	4.60	4.75	-	4.73	4.84	4.99	-	4.93	5.04	5.20	-	5.10	5.21	5.38	-	5.10	5.21	5.38	-	5.10	5.21	5.38	-		
		Amps	12.4	12.6	12.9	-	13.2	13.4	13.8	-	14.1	14.4	14.8	-	14.9	15.2	15.6	-	15.7	16.0	16.5	-	16.5	16.8	17.3	-	16.5	16.8	17.3	-	16.5	16.8	17.3	-			
		HI PR	241	260	274	-	271	291	308	-	308	331	350	-	351	377	398	-	394	424	448	-	436	469	495	-	436	469	495	-	436	469	495	-			
		LO PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-	133	141	154	-	133	141	154	-			
1750		MBh	52.2	54.2	59.3	-	51.0	52.9	58.0	-	49.8	51.6	56.6	-	48.6	50.4	55.2	-	46.2	47.9	52.4	-	42.8	44.3	48.6	-	42.8	44.3	48.6	-	42.8	44.3	48.6	-			
		S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.64	0.44	-	0.77	0.64	0.44	-	0.77	0.64	0.44	-	0.77	0.64	0.44	-			
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	17	15	11	-			
		kW	3.85	3.93	4.05	-	4.14	4.23	4.36	-	4.39	4.49	4.63	-	4.62	4.72	4.87	-	4.81	4.91	5.07	-	4.97	5.08	5.25	-	4.97	5.08	5.25	-	4.97	5.08	5.25	-			
		Amps	12.1	12.3	12.6	-	12.9	13.1	13.5	-	13.8	14.0	14.4	-	14.5	14.8	15.3	-	15.3	15.6	16.1	-	16.1	16.4	16.9	-	16.1	16.4	16.9	-	16.1	16.4	16.9	-			
		HI PR	234	252	266	-	263	283	298	-	299	321	339	-	340	366	386	-	383	412	435	-	423	455	480	-	423	455	480	-	423	455	480	-			
		LO PR	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-	129	137	149	-	129	137	149	-			
			MBh	52.2	54.2	59.3	-	51.0	52.9	58.0	-	49.8	51.6	56.6	-	48.6	50.4	55.2	-	46.2	47.9	52.4	-	42.8	44.3	48.6	-	42.8	44.3	48.6	-	42.8	44.3	48.6	-		
	S/T		0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.64	0.44	-	0.77	0.64	0.44	-	0.77	0.64	0.44	-	0.77	0.64	0.44	-			
	ΔT		18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	17	15	11	-			
			kW	3.85	3.93	4.05	-	4.14	4.23	4.36	-	4.39	4.49	4.63	-	4.62	4.72	4.87	-	4.81	4.91	5.07	-	4.97	5.08	5.25	-	4.97	5.08	5.25	-	4.97	5.08	5.25	-		
		Amps	12.1	12.3	12.6	-	12.9	13.1	13.5	-	13.8	14.0	14.4	-	14.5	14.8	15.3	-	15.3	15.6	16.1	-	16.1	16.4	16.9	-	16.1	16.4	16.9	-	16.1	16.4	16.9	-			
		HI PR	234	252	266	-	263	283	298	-	299	321	339	-	340	366	386	-	383	412	435	-	423	455	480	-	423	455	480	-	423	455	480	-			
		LO PR	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-	129	137	149	-	129	137	149	-			

2250	MBh	59.3	61.0	66.1	70.9	57.9	59.6	64.5	69.3	56.5	58.2	63.0	67.6	55.2	56.8	61.5	66.0	52.4	53.9	58.4	62.7	48.5	50.0	54.1	58.1
	S/T	0.83	0.74	0.56	0.36	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
	ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	11	19	17	14	10
	kW	4.01	4.09	4.22	4.35	4.31	4.40	4.54	4.68	4.58	4.67	4.82	4.98	4.81	4.92	5.08	5.24	5.01	5.12	5.29	5.47	5.18	5.30	5.47	5.66
	Amps	12.5	12.8	13.1	13.5	13.4	13.6	14.0	14.4	14.3	14.6	15.0	15.5	15.1	15.4	15.9	16.4	15.9	16.3	16.7	17.3	16.7	17.1	17.6	18.2
	HI PR	246	265	280	292	276	297	314	327	314	338	357	372	368	385	406	424	402	433	457	477	445	478	505	527
	LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167
	MBh	57.6	59.3	64.2	68.9	56.2	57.9	62.7	67.3	54.9	56.5	61.2	65.7	53.6	55.1	59.7	64.1	50.9	52.4	56.7	60.8	47.1	48.5	52.5	56.4
	S/T	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.37	0.87	0.77	0.59	0.38	0.90	0.80	0.61	0.39	0.91	0.81	0.61	0.39
	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10
	kW	3.97	4.06	4.18	4.31	4.27	4.36	4.50	4.65	4.54	4.64	4.78	4.94	4.77	4.88	5.03	5.20	4.97	5.08	5.25	5.42	5.14	5.26	5.43	5.61
	Amps	12.4	12.7	13.0	13.4	13.3	13.5	13.9	14.3	14.2	14.5	14.9	15.4	15.0	15.3	15.7	16.3	15.8	16.1	16.6	17.2	16.6	17.0	17.5	18.0
	HI PR	244	262	277	289	273	294	311	324	311	335	353	369	354	381	402	420	398	429	453	472	440	474	500	522
	LO PR	107	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	134	143	156	166
1750	MBh	53.1	54.7	59.2	63.6	51.9	53.4	57.8	62.1	50.7	52.2	56.5	60.6	49.4	50.9	55.1	59.1	47.0	48.3	52.3	56.2	43.5	44.8	48.5	52.0
	S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.75	0.57	0.36	0.87	0.77	0.59	0.38	0.87	0.78	0.59	0.38
	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
	kW	3.88	3.96	4.08	4.21	4.17	4.26	4.39	4.53	4.43	4.52	4.67	4.82	4.66	4.76	4.91	5.07	4.85	4.95	5.11	5.28	5.01	5.12	5.29	5.47
	Amps	12.2	12.4	12.7	13.1	13.0	13.2	13.6	14.0	13.9	14.1	14.5	15.0	14.7	15.0	15.4	15.9	15.4	15.8	16.2	16.7	16.2	16.6	17.0	17.6
	HI PR	236	254	269	280	265	285	301	314	302	325	343	357	344	370	390	407	386	416	439	458	427	460	485	506
	LO PR	104	111	121	129	110	117	128	136	114	121	133	141	120	128	139	148	126	134	146	155	130	138	151	161

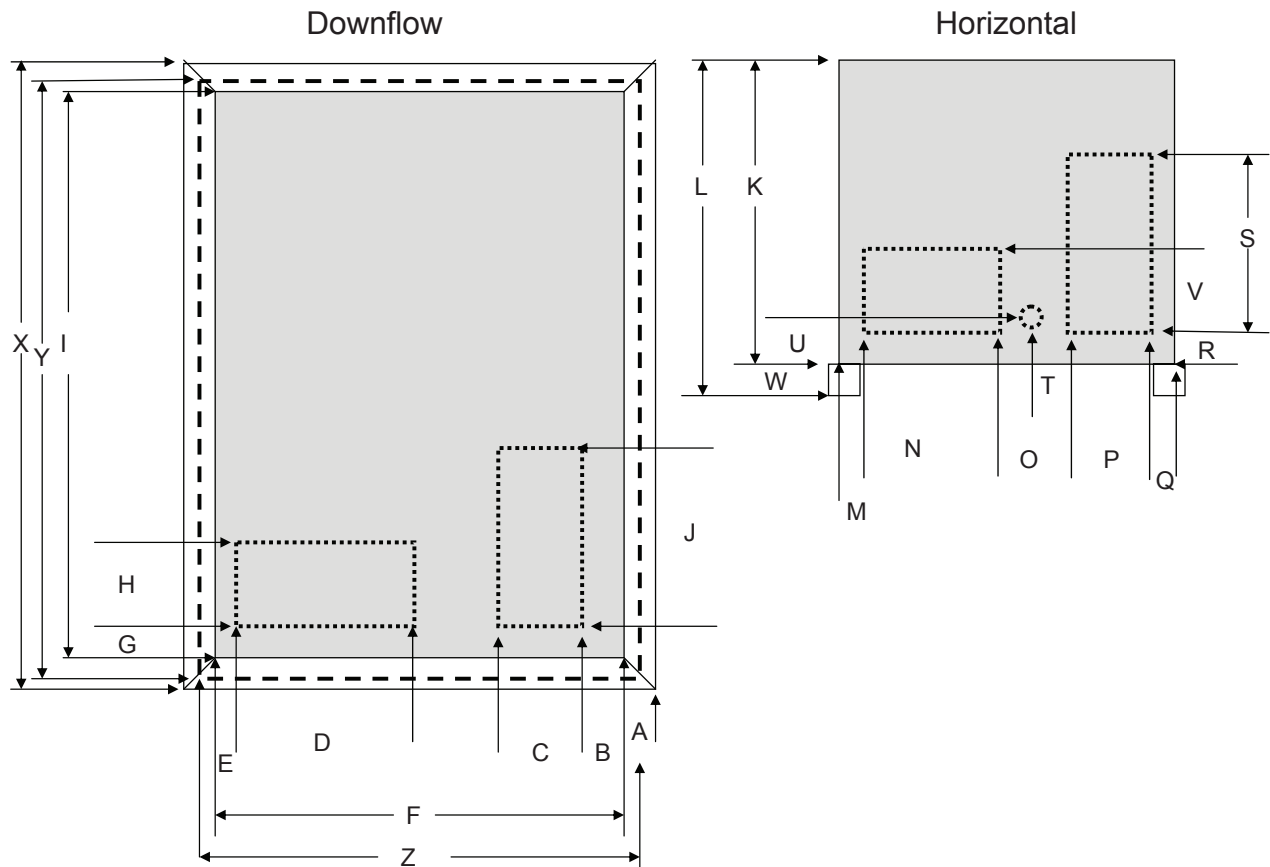
EXPANDED COOLING DATA — CPG060 — B MODELS (CONT.)

IDB		OUTDOOR AMBIENT TEMPERATURE																													
		65						75						95						105						115					
		ENTERING INDOOR WET BULB TEMPERATURE																													
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	59	63	67	71			
2250	MBh	60.3	61.7	65.9	70.4	58.9	60.2	64.3	68.8	57.5	58.8	62.8	67.2	56.1	57.4	61.3	65.5	53.3	54.5	58.2	62.2	49.4	50.5	53.9	57.7						
	S/T	0.91	0.85	0.69	0.52	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	1.00	0.80	0.59						
	ΔT	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	21	18	14						
	kW	4.04	4.12	4.25	4.38	4.34	4.43	4.58	4.72	4.61	4.71	4.86	5.02	4.85	4.96	5.12	5.29	5.05	5.16	5.33	5.51	5.23	5.34	5.52	5.71						
	Amps	12.6	12.9	13.2	13.6	13.5	13.7	14.1	14.5	14.4	14.7	15.1	15.6	15.2	15.6	16.0	16.5	16.1	16.4	16.9	17.4	16.9	17.2	17.7	18.3						
2000	HIPR	249	267	282	295	279	300	317	331	317	341	360	376	361	389	411	428	406	437	462	482	449	483	510	532						
	LOPR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169						
	MBh	58.6	59.9	64.0	68.4	57.2	58.5	62.5	66.8	55.9	57.1	61.0	65.2	54.5	55.7	59.5	63.6	51.8	52.9	56.5	60.4	48.0	49.0	52.4	56.0						
	S/T	0.87	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.99	0.92	0.75	0.56	0.99	0.93	0.76	0.57						
	ΔT	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	23	22	20	16	22	21	18	15						
1750	kW	4.01	4.09	4.22	4.35	4.31	4.40	4.54	4.69	4.58	4.67	4.82	4.98	4.81	4.92	5.08	5.24	5.01	5.12	5.29	5.47	5.19	5.30	5.47	5.66						
	Amps	12.5	12.8	13.1	13.5	13.4	13.6	14.0	14.4	14.3	14.6	15.0	15.5	15.1	15.4	15.9	16.4	15.9	16.3	16.7	17.3	16.8	17.1	17.6	18.2						
	HIPR	246	265	280	292	276	297	314	327	314	338	357	372	358	385	407	424	402	433	457	477	445	478	505	527						
	LOPR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167						
	MBh	54.1	55.3	59.0	63.1	52.8	54.0	57.7	61.6	51.6	52.7	56.3	60.2	50.3	51.4	54.9	58.7	47.8	48.8	52.2	55.8	44.3	45.2	48.3	51.7						
80	S/T	0.83	0.78	0.64	0.48	0.86	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55						
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15						
	kW	3.91	3.99	4.12	4.24	4.21	4.29	4.43	4.57	4.46	4.56	4.71	4.86	4.69	4.80	4.95	5.11	4.89	5.00	5.16	5.33	5.06	5.17	5.34	5.52						
	Amps	12.3	12.5	12.8	13.2	13.1	13.3	13.7	14.1	14.0	14.3	14.7	15.1	14.8	15.1	15.5	16.0	15.6	15.9	16.3	16.9	16.4	16.7	17.2	17.7						
	HIPR	239	257	271	283	268	288	304	317	305	328	346	361	347	373	394	411	397	420	444	463	431	464	490	511						
1750	LOPR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	152	162						

2250	MBh	61.4	62.6	65.6	69.9	60.0	61.1	64.0	68.3	58.5	59.7	62.5	66.7	57.1	58.2	61.0	65.1	54.3	55.3	57.9	61.8	50.3	51.2	53.7	57.2
	S/T	0.95	0.92	0.83	0.67	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
	ΔT	24	23	22	19	24	24	22	19	24	24	22	19	23	24	23	20	22	23	22	19	21	21	21	18
	KW	4.07	4.15	4.28	4.42	4.38	4.47	4.61	4.76	4.65	4.75	4.90	5.06	4.89	5.00	5.16	5.33	5.10	5.21	5.38	5.56	5.27	5.39	5.57	5.75
	Amps	12.7	13.0	13.3	13.7	13.6	13.8	14.2	14.6	14.5	14.8	15.2	15.7	15.4	15.7	16.1	16.6	16.2	16.5	17.0	17.6	17.0	17.4	17.9	18.5
	HI PR	251	270	285	298	282	303	320	334	320	345	364	380	365	393	415	433	411	442	467	487	454	488	515	538
	LO PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	158	133	142	155	165	138	147	160	171
	MBh	59.6	60.8	63.6	67.9	58.2	59.4	62.2	66.3	56.8	57.9	60.7	64.7	55.5	56.5	59.2	63.2	52.7	53.7	56.2	60.0	48.8	49.7	52.1	55.6
	S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
	ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	24	20	24	25	23	20	22	23	22	19
2000	KW	4.04	4.12	4.25	4.38	4.34	4.43	4.58	4.72	4.61	4.71	4.86	5.02	4.85	4.96	5.12	5.29	5.05	5.16	5.33	5.51	5.23	5.34	5.52	5.71
	Amps	12.6	12.9	13.2	13.6	13.5	13.7	14.1	14.5	14.4	14.7	15.1	15.6	15.2	15.6	16.0	16.5	16.1	16.4	16.9	17.4	16.9	17.2	17.7	18.3
	HI PR	249	267	282	295	275	300	317	331	317	341	360	376	361	389	411	428	406	437	462	482	449	483	510	532
	LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169
	MBh	55.0	56.1	58.7	62.7	53.7	54.8	57.4	61.2	52.5	53.5	56.0	59.8	51.2	52.2	54.6	58.3	48.6	49.6	51.9	55.4	45.0	45.9	48.1	51.3
	S/T	0.87	0.84	0.76	0.62	0.91	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.97	0.87	0.71
	ΔT	25	25	24	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	24	23	22	19
	KW	3.94	4.02	4.15	4.28	4.24	4.33	4.46	4.61	4.50	4.60	4.74	4.90	4.73	4.83	4.99	5.16	4.93	5.04	5.20	5.37	5.10	5.21	5.38	5.56
	Amps	12.3	12.6	12.9	13.3	13.2	13.4	13.8	14.2	14.1	14.4	14.8	15.2	14.9	15.2	15.6	16.1	15.7	16.0	16.5	17.0	16.5	16.8	17.3	17.9
	HI PR	241	259	274	286	271	291	307	321	308	331	350	365	350	377	398	415	394	424	448	467	436	469	495	516
LO PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164	
1750	MBh	55.0	56.1	58.7	62.7	53.7	54.8	57.4	61.2	52.5	53.5	56.0	59.8	51.2	52.2	54.6	58.3	48.6	49.6	51.9	55.4	45.0	45.9	48.1	51.3
	S/T	0.87	0.84	0.76	0.62	0.91	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.97	0.87	0.71
	ΔT	25	25	24	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	24	23	22	19
	KW	3.94	4.02	4.15	4.28	4.24	4.33	4.46	4.61	4.50	4.60	4.74	4.90	4.73	4.83	4.99	5.16	4.93	5.04	5.20	5.37	5.10	5.21	5.38	5.56
	Amps	12.3	12.6	12.9	13.3	13.2	13.4	13.8	14.2	14.1	14.4	14.8	15.2	14.9	15.2	15.6	16.1	15.7	16.0	16.5	17.0	16.5	16.8	17.3	17.9
	HI PR	241	259	274	286	271	291	307	321	308	331	350	365	350	377	398	415	394	424	448	467	436	469	495	516
	LO PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164

JDB = Entering Indoor Dry Bulb Temperature Shaded area reflects TVA & ARI Rating conditions High & low pressures are measured at the liquid and suction service ports.
Design Subcooling, 11 ±3 °F @ the liquid access fitting connection ARI 95 test conditions, Design Superheat 8 ±3°F @ the compressor suction access fitting connection. kW = Total system power

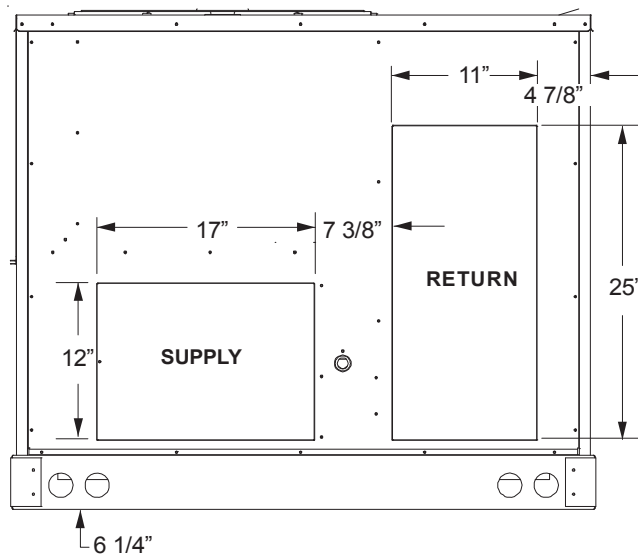
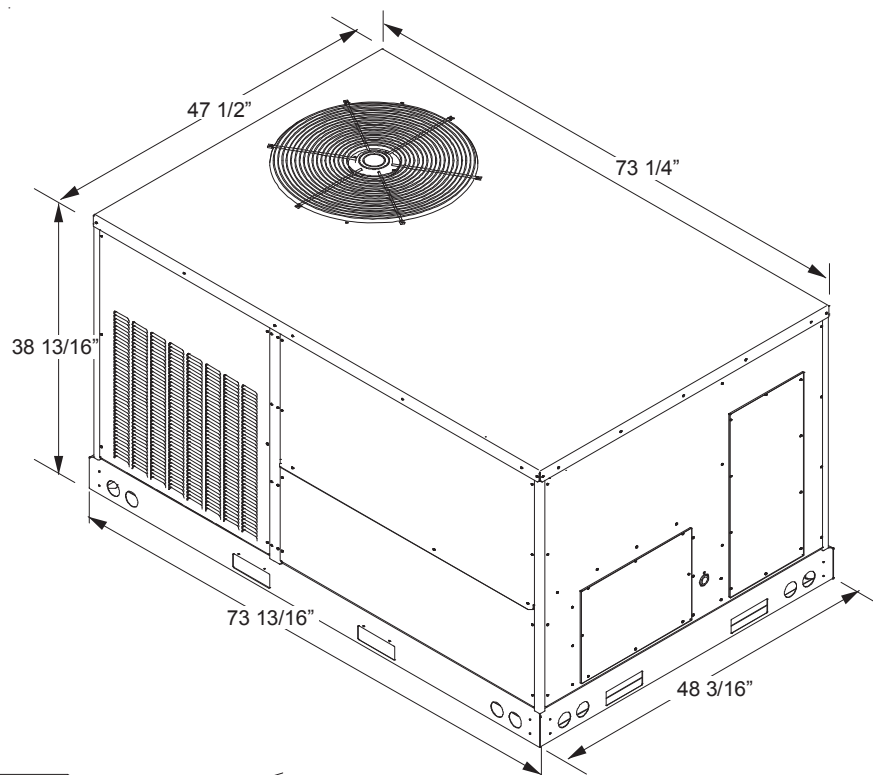
DIMENSIONS — A MODELS



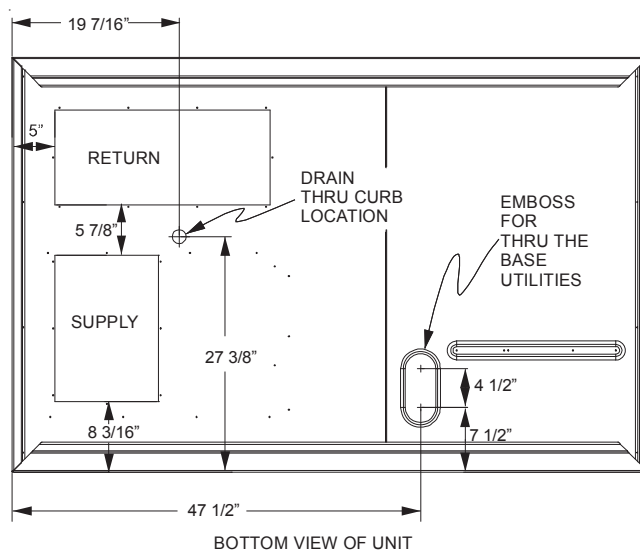
POINT	DIMENSION (")
A	3½
B	2⅝
C	11
D	17
E	4¾
F	41½
G	3
H	12
I	75⅞
J	25
K	36⅜
L	40⅞
M	7 1/16

POINT	DIMENSION (")
N	17
O	7⅞
P	11
Q	4⅞
R	1¼
S	25
T	4½
U	7½
V	12
W	4½
X	82¼
Y	81¼
Z	47⅜

DIMENSIONS — B MODELS



Horizontal Discharge

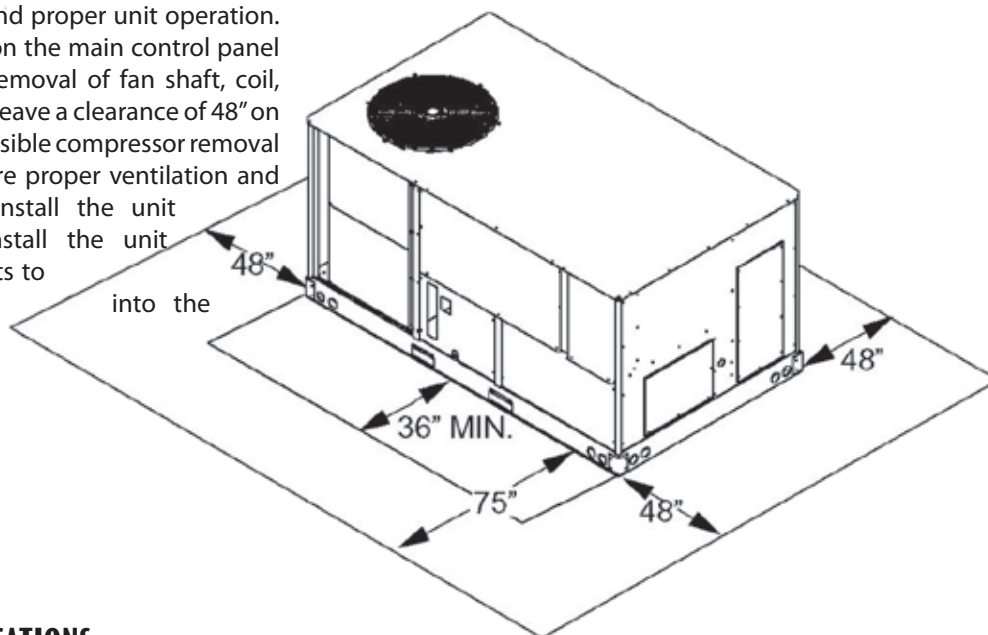


BOTTOM VIEW OF UNIT

Vertical Discharge

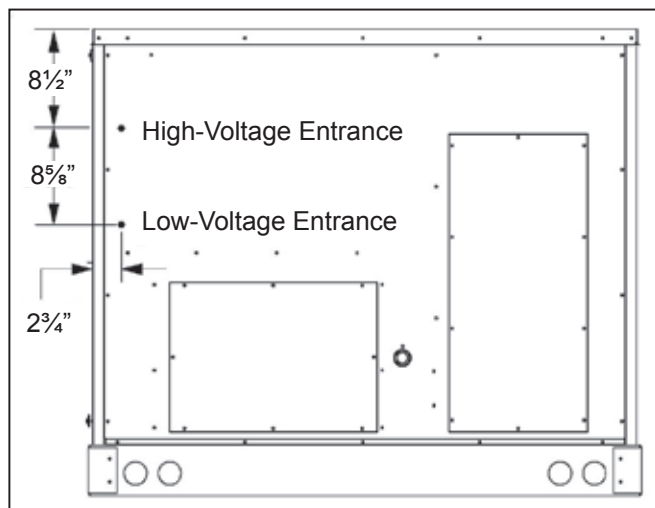
UNIT CLEARANCES

Maintain an adequate clearance around the unit for safety, service, maintenance, and proper unit operation. Leave a total clearance of 75" 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" 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.

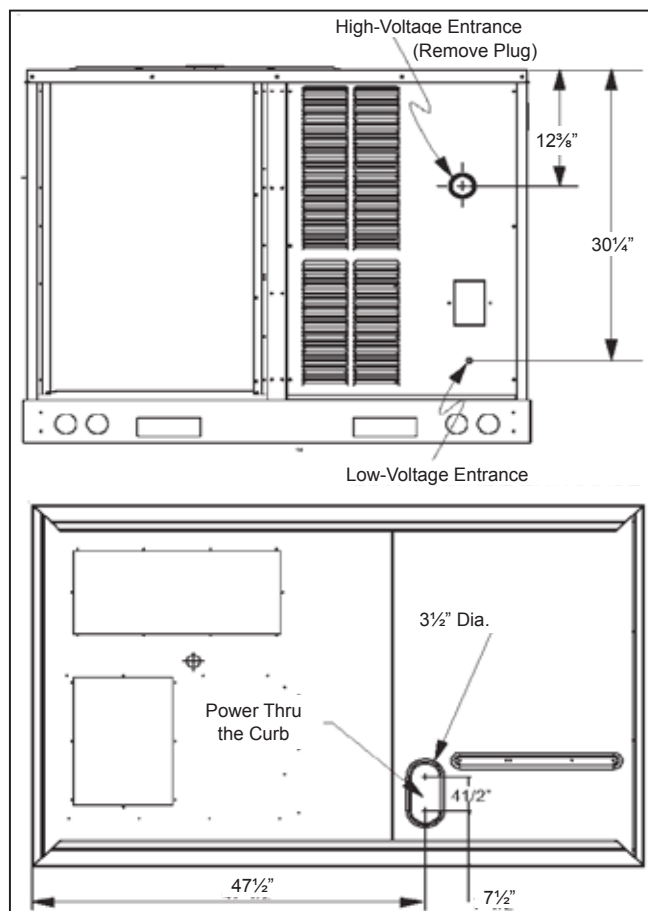


ELECTRICAL ENTRANCE LOCATIONS

A MODELS



B MODELS



ROOF CURB INSTALLATION — RIGGING

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

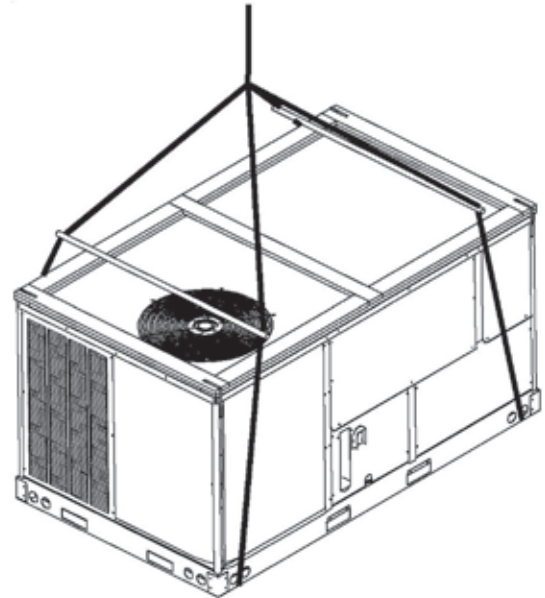
- Unit must be lifted by the four lifting holes located at the base frame corners.
- Lifting cables should be attached to the unit with shackles.
- The distance between the crane hook and the top of the unit must not be less than 60".
- Two spreader bars must span over the unit to prevent damage to the 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.

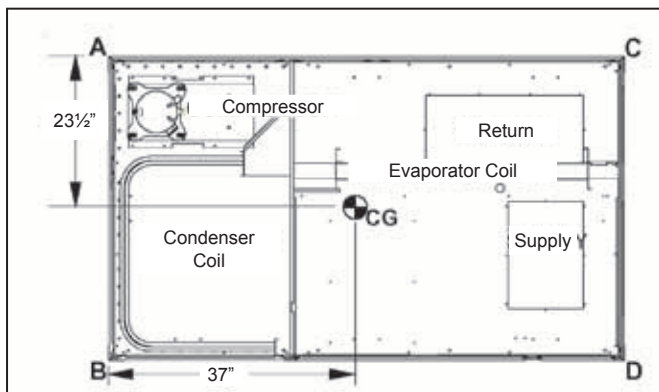
Refer to the Roof Curb Installation Instructions for proper curb installation. Curbing must be installed in compliance with the National Roofing Contractors Association Manual.

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.



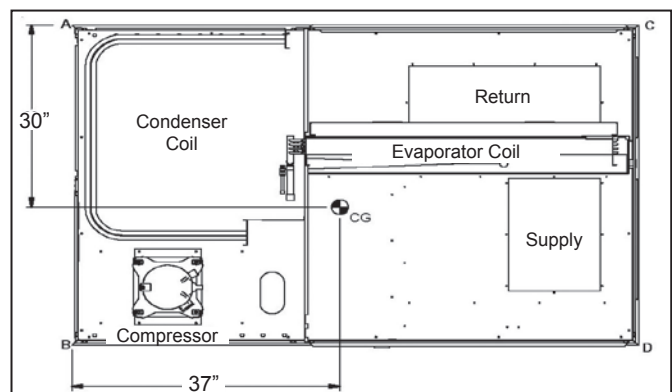
CORNER & CENTER-OF-GRAVITY LOCATIONS — A MODELS



UNIT WEIGHTS	3- TON WEIGHT	4- TON WEIGHT	5- TON WEIGHT
Corner Weight (A)	178	179	188
Corner Weight (B)	183	184	187
Corner Weight (C)	148	149	153
Corner Weight (D)	151	153	155
Unit Shipping Weight	680	790	700
Unit Operating Weight	660	770	680

Note: Weights are calculated without accessories installed.

CORNER & CENTER-OF-GRAVITY LOCATIONS — B MODELS



UNIT WEIGHTS	3-TON WEIGHTS	4-TON WEIGHTS	5-TON WEIGHTS
Corner Weight (A)	100	110	115
Corner Weight (B)	170	180	195
Corner Weight (C)	105	110	120
Corner Weight (D)	170	180	195
Unit Shipping Weight	550	595	625
Unit Operating Weight	525	570	600

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.

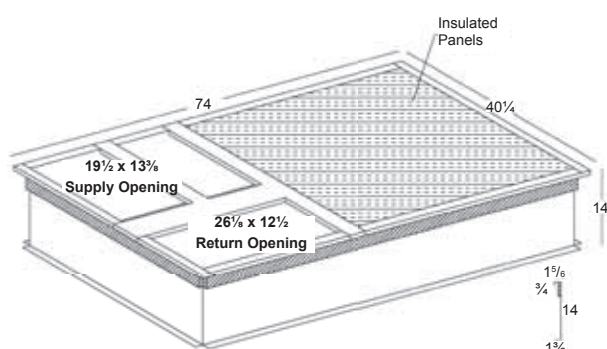
Full perimeter roof curbs are available from the factory and are shipped unassembled. The installing contractor is responsible for field assembly, squaring, leveling, and mounting on the roof structure. All required hardware necessary for the assembly of the sheet metal curb is included in the curb accessory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

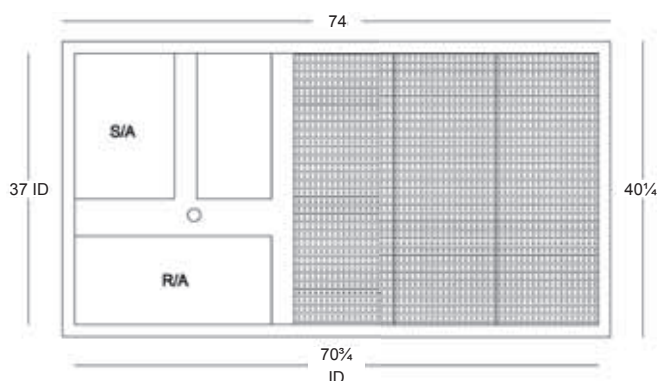
Note: The unit and curb accessories are designed to allow vertical duct installation before unit placement. Duct installation after unit placement is not recommended.

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

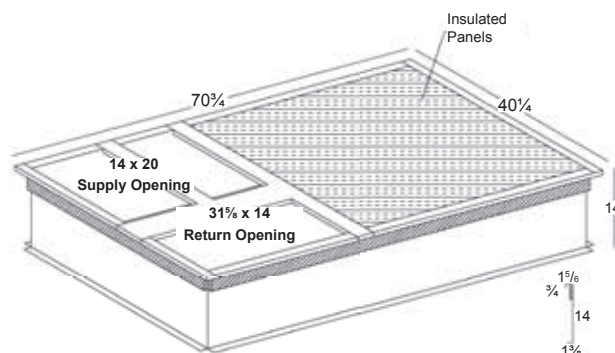
3-D VIEW FOR AA MODELS



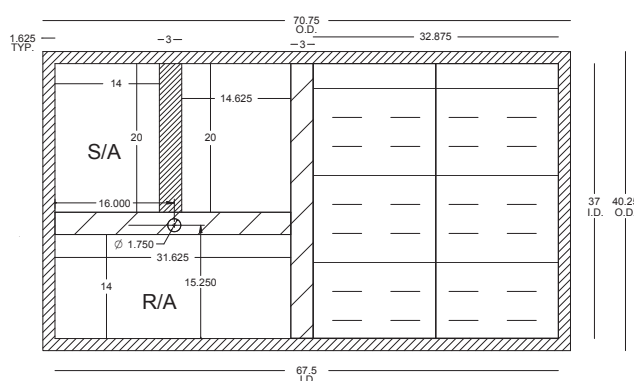
TOP VIEW FOR AA MODELS



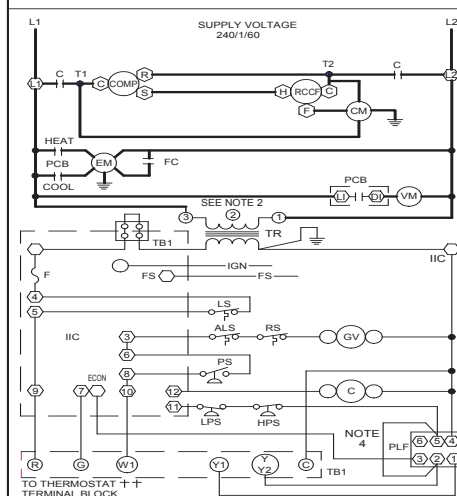
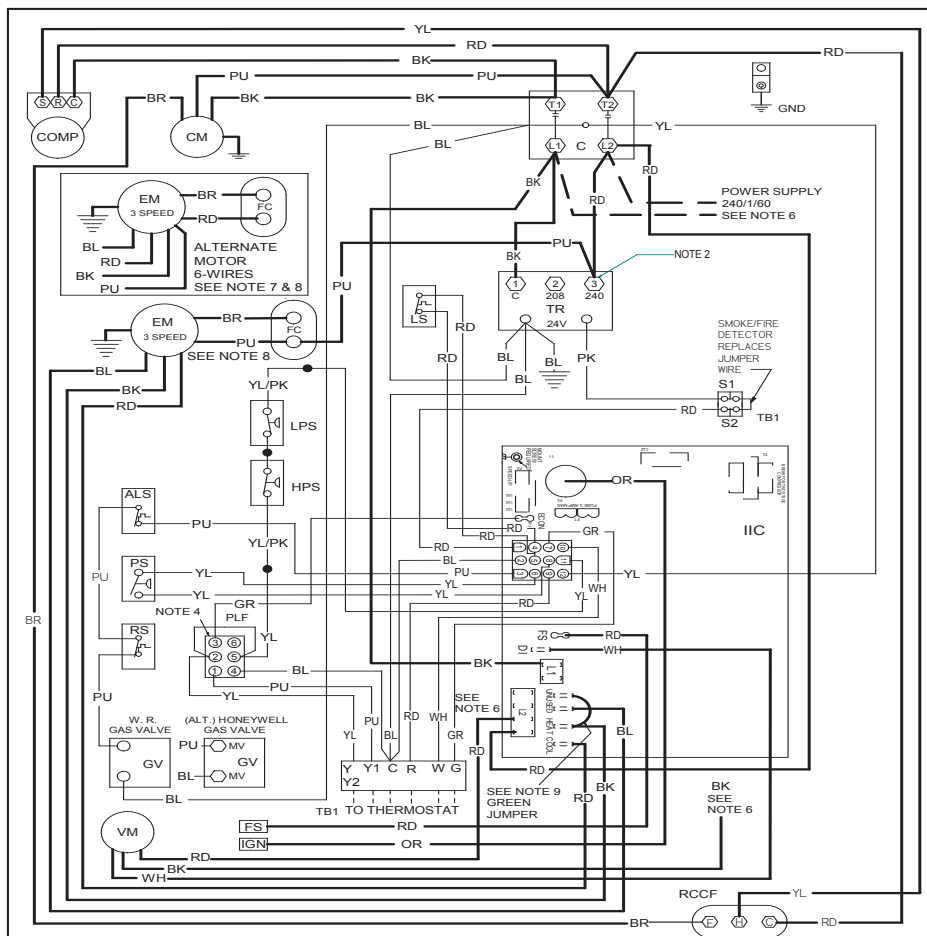
3-D VIEW FOR BA MODELS



TOP VIEW FOR BA MODELS



WIRING DIAGRAM — CPG036/48XXX1DXXXAA (SINGLE-PHASE DIRECT DRIVE)



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 FAULT	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE OR OPEN ROLLOUT SWITCH OR OPEN AUX LIMIT SWITCH	CHECK GAS FLOW CHECK GAS VALVE CHECK FLAME SENSOR CHECK FLAME ROLLOUT CHECK BAD SWITCH CHECK AUX LIMIT OPEN
2 BLINKS	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH
3 BLINKS	PRESSURE SWITCH CLOSED WITHOUT INDICATOR ON	CHECK PRESSURE SWITCH
4 BLINKS	OPEN LIMIT SWITCH	CHECK MAIN LIMIT OPEN
5 BLINKS	FALSE FLAME SENSED	CHECK STAGING GAS VALVE
6 BLINKS	COMPRESSOR OUTPUT DELAY	3 MIN. COMP. ANTI-CYCLE TIMER

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

NOTES

- REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. (USE COPPER CONDUCTOR ONLY).
- FOR 208 VOLT TRANSFORMER OPERATION MOVE PURPLE AND RED WIRES FROM TERMINAL ② TO TERMINAL ③ ON TRANSFORMER. ALSO CHANGE RED WIRE TO BLACK WIRE FROM VENT MOTOR.
- FOR DIFFERENT THAN FACTORY SPEED TAP: CHANGE COOLING SPEED AT COOL TERMINAL. CHANGE HEATING SPEED AT HEAT TERMINAL ON CONTROL BOARD.
- ACCESSORY ECONOMIZER PLUG ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO ECONOMIZER ACCESSORY.
- USE COPPER CONDUCTORS ONLY.
- USE NEC CLASS 2 WIRE.
- 208V CONNECTION FOR VENT MOTOR. RD IS 230V. TO CHANGE REMOVE INSULATOR AND CONNECT TO L2 TERMINAL ON PCB. PUT INSULATOR ON UNUSED LEAD.
- PURPLE WIRE CONNECTS TO TRANSFORMER (PIN 3).
- SPEED TAP TERMINATIONS SHOWN ON DIAGRAM ARE REPRESENTATIVE, BUT ACTUAL FACTORY SETTING MAY BE DIFFERENT BASED ON HEATING VALUE OF UNIT.
- TO RUN SAME SPEED FOR HEATING AND COOLING PLACE GREEN JUMPER BETWEEN HEAT AND COOL ON PCB.

240/1/60 0140L00133 REV C



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

THERMOSTAT FIELD WIRING

NO ECONOMIZER

W	—	WH	—	W
G	—	GR	—	G
R	—	RD	—	R
Y	—	YL	—	Y
C	—	BL	—	C

WITH ECONOMIZER OPTION

W	—	WH	—	W
G	—	GR	—	G
R	—	RD	—	R
Y	—	YL	—	Y
C	—	BL	—	C

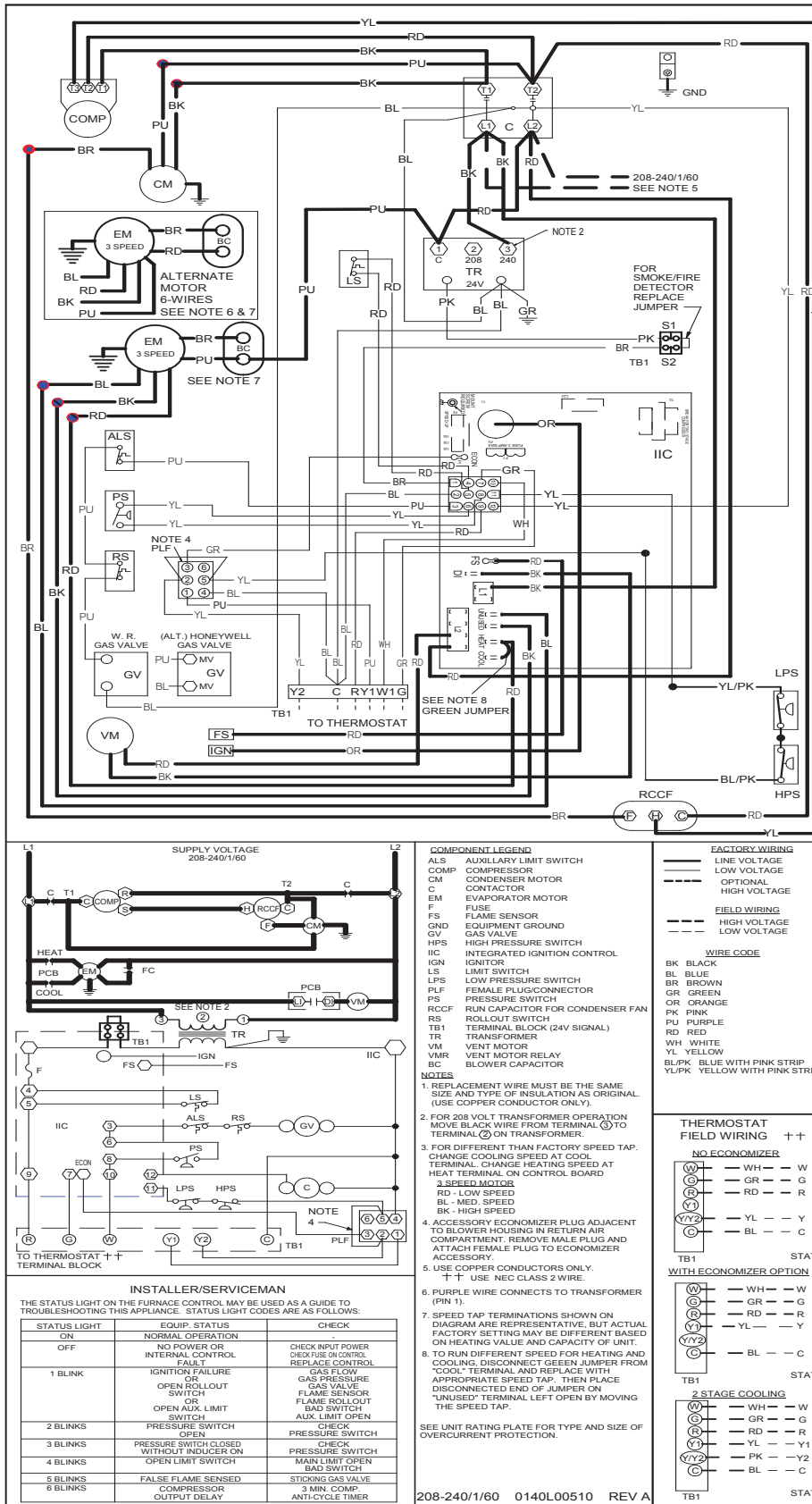
2 STAGE COOLING

W	—	WH	—	W
G	—	GR	—	G
R	—	RD	—	R
Y	—	YL	—	Y
C	—	BL	—	C

THERMOSTAT FIELD WIRING

W	—	WH	—	W
G	—	GR	—	G
R	—	RD	—	R
Y	—	YL	—	Y
C	—	BL	—	C

WIRING DIAGRAM — CPG0360451DXXXBA (SINGLE-PHASE DIRECT DRIVE)

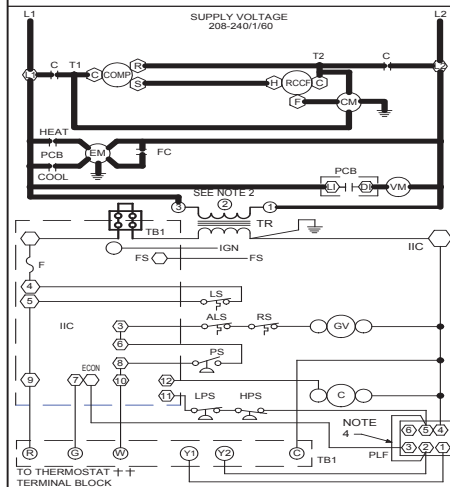
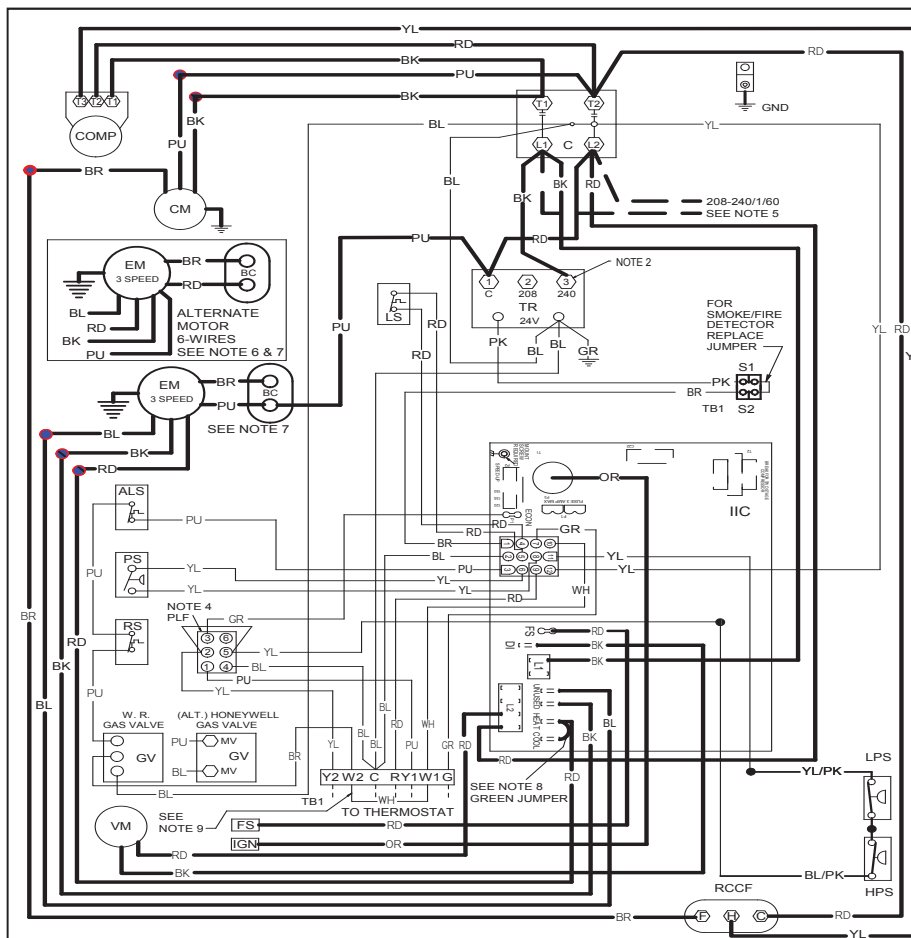


High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

WARNING

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

WIRING DIAGRAM — CPG036/48XXX1DXXXBA (SINGLE-PHASE DIRECT DRIVE)



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 FAULT	CHECK INPUT POWER CHECK FUSE ON CONTROL BOARD REPLACE CONTROL BOARD
1 BLINK	IGNITION FAILURE OR OPEN ROLL-OUT SWITCH OR OPEN AUX. LIMIT SWITCH	CHECK GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR FLAME ROLL-OUT AUX. LIMIT SWITCH
2 BLINKS	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH
3 BLINKS	PRESSURE SWITCH CLOSED WITHOUT INDUCER ON	CHECK PRESSURE SWITCH
4 BLINKS	OPEN LIMIT SWITCH	CHECK LIMIT SWITCH
5 BLINKS	FALSE FLAME SENSED	STICKING GAS VALVE
6 BLINKS	COMPRESSOR OUTPUT DELAY	3 MIN. COMP. ANTI-CYCLE TIMER

COMPONENT LEGEND

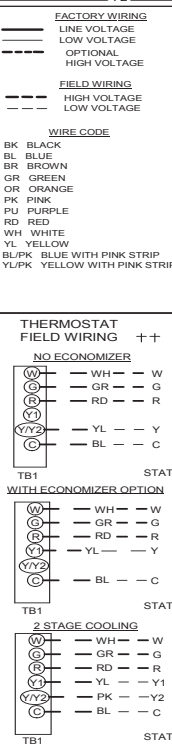
ALS AUXILIARY LIMIT SWITCH
COMP COMPRESSOR
CM CONDENSER MOTOR
C CONTACTOR
EM EVAPORATOR MOTOR
F FUSE
FS FLAME SENSOR
GV GAS VALVE
GND EQUIPMENT GROUND
HPS HIGH PRESSURE SWITCH
IC INTEGRATED IGNITION CONTROL
IGN IGNITOR
LS LIMIT SWITCH
LPS LOW PRESSURE SWITCH
PLF FEMALE PLUG/CONNECTOR
RCCF RUN CAPACITOR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

NOTES

1. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. (USE COPPER CONDUCTOR ONLY).
2. FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL ③ TO TERMINAL ② ON TRANSFORMER.
3. FOR DIFFERENT THAN FACTORY SPEED TAP: CHANGE COOLING SPEED AT COOL TERMINAL. CHANGE HEATING SPEED AT HEAT TERMINAL ON CONTROL BOARD.
4. ACCESSORY ECONOMIZER PLUG ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO ECONOMIZER ACCESSORY.
5. USE COPPER CONDUCTORS ONLY. "T" USE NEC CLASS 2 WIRE.
6. PURPLE WIRE CONNECTS TO TRANSFORMER (P/N 1).
7. SPEED TAP TERMINATIONS SHOWN ON DIAGRAM ARE REPRESENTATIVE, BUT ACTUAL FACTORY SETTING MAY BE DIFFERENT BASED ON HEATING VALUE AND CAPACITY OF UNIT.
8. TO RUN DIFFERENT SPEED FOR HEATING AND COOLING, DISCONNECT GREEN JUMPER FROM "COOL" TERMINAL AND REPLACE WITH APPROPRIATE SPEED TAP. THEN PLACE DISCONNECTED END OF JUMPER ON "UNUSED" TERMINAL LEFT OPEN BY MOVING THE SPEED TAP.
9. FOR LOW STAGE OPERATION ONLY, REMOVE WHITE JUMPER. FOR 2 STAGE OPERATION, REMOVE JUMPER AND CONNECT W2 TO W1 ON THERMOSTAT.

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVERCURRENT PROTECTION.

208-240/1/60 0140L00506 REV A

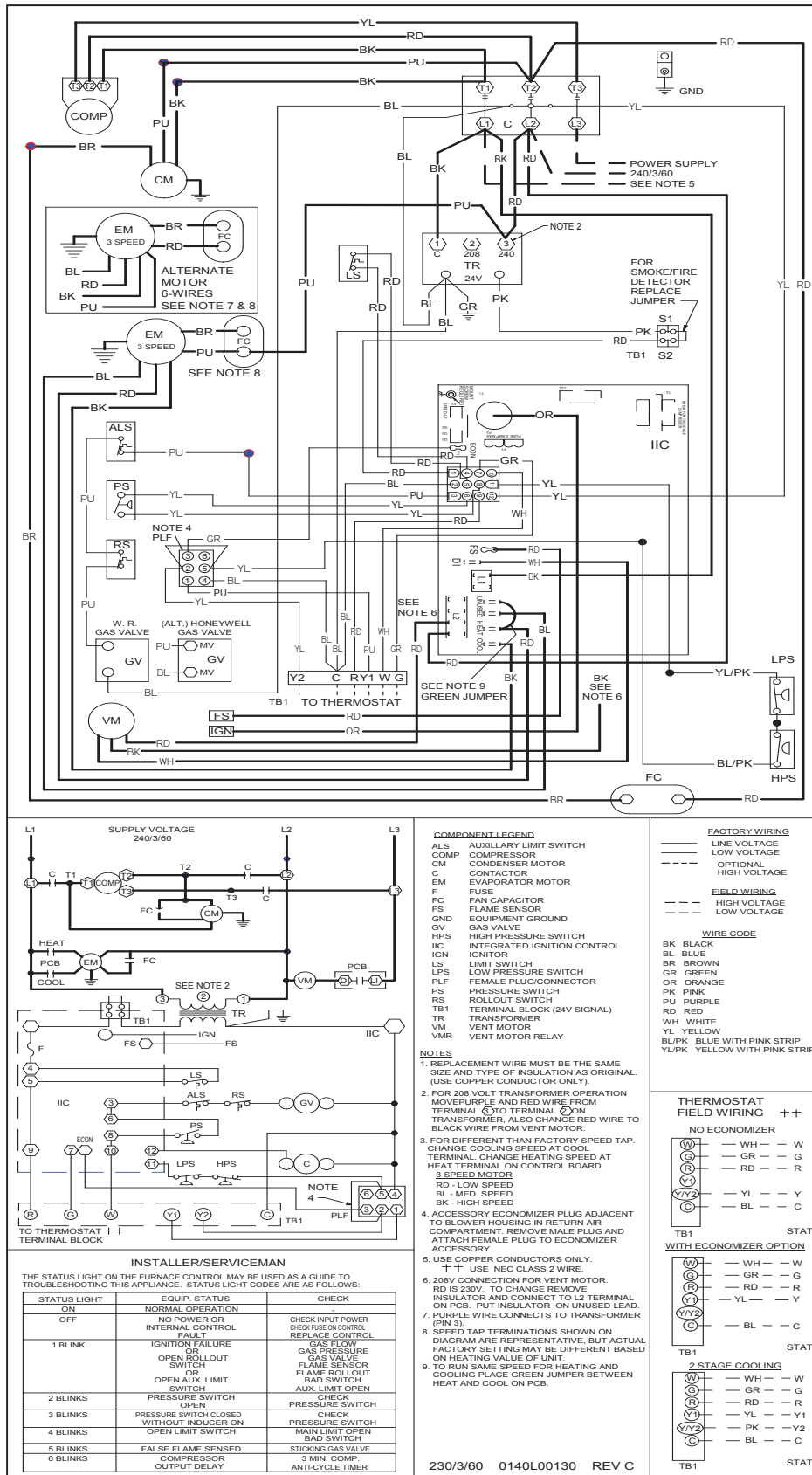


WARNING

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

WIRING DIAGRAM — CPG036/48XXX3DXXXAA (THREE-PHASE DIRECT DRIVE)



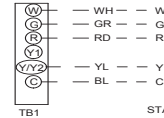
High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.



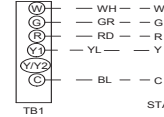
Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

THERMOSTAT FIELD WIRING

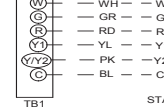
NO ECONOMIZER



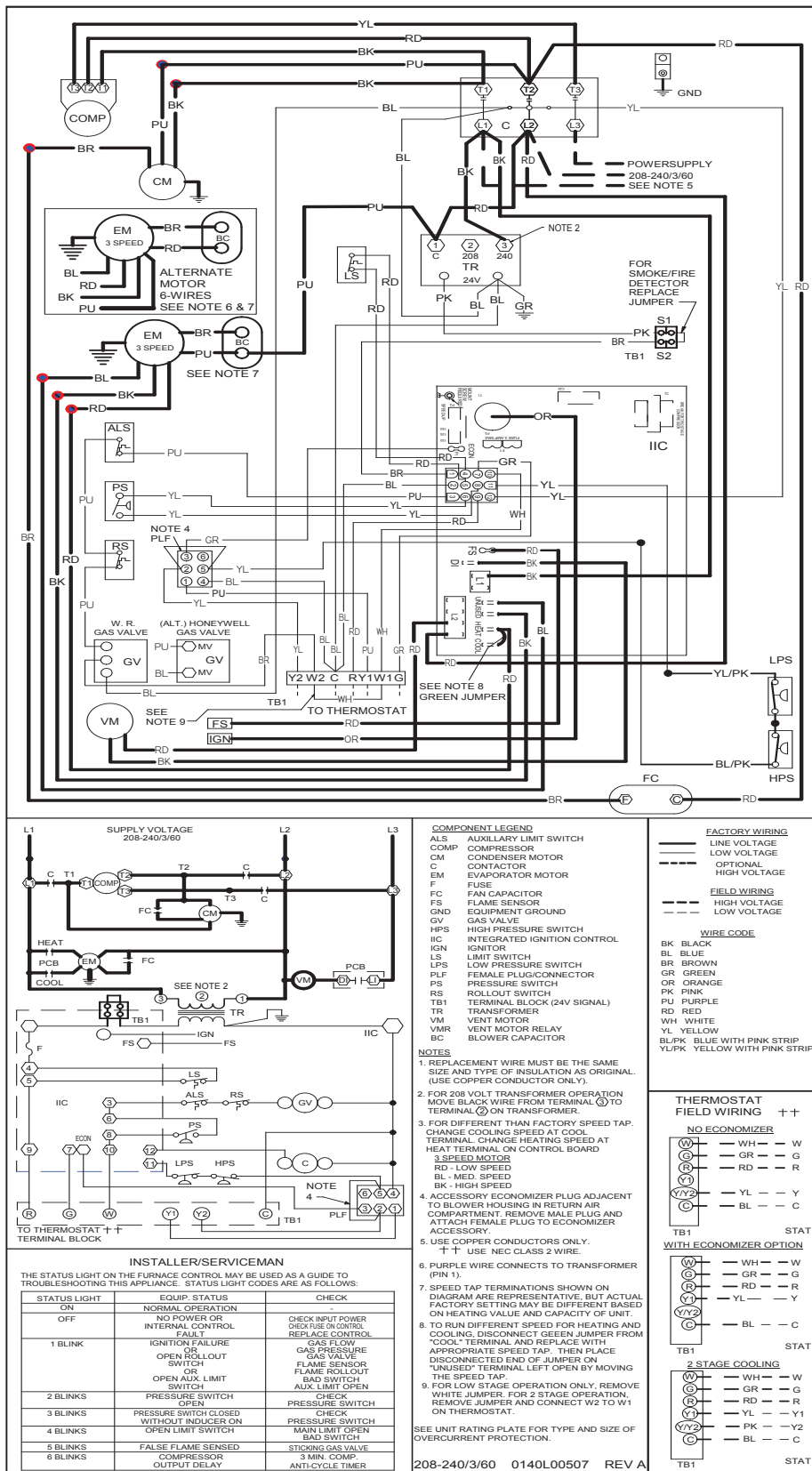
WITH ECONOMIZER OPTION



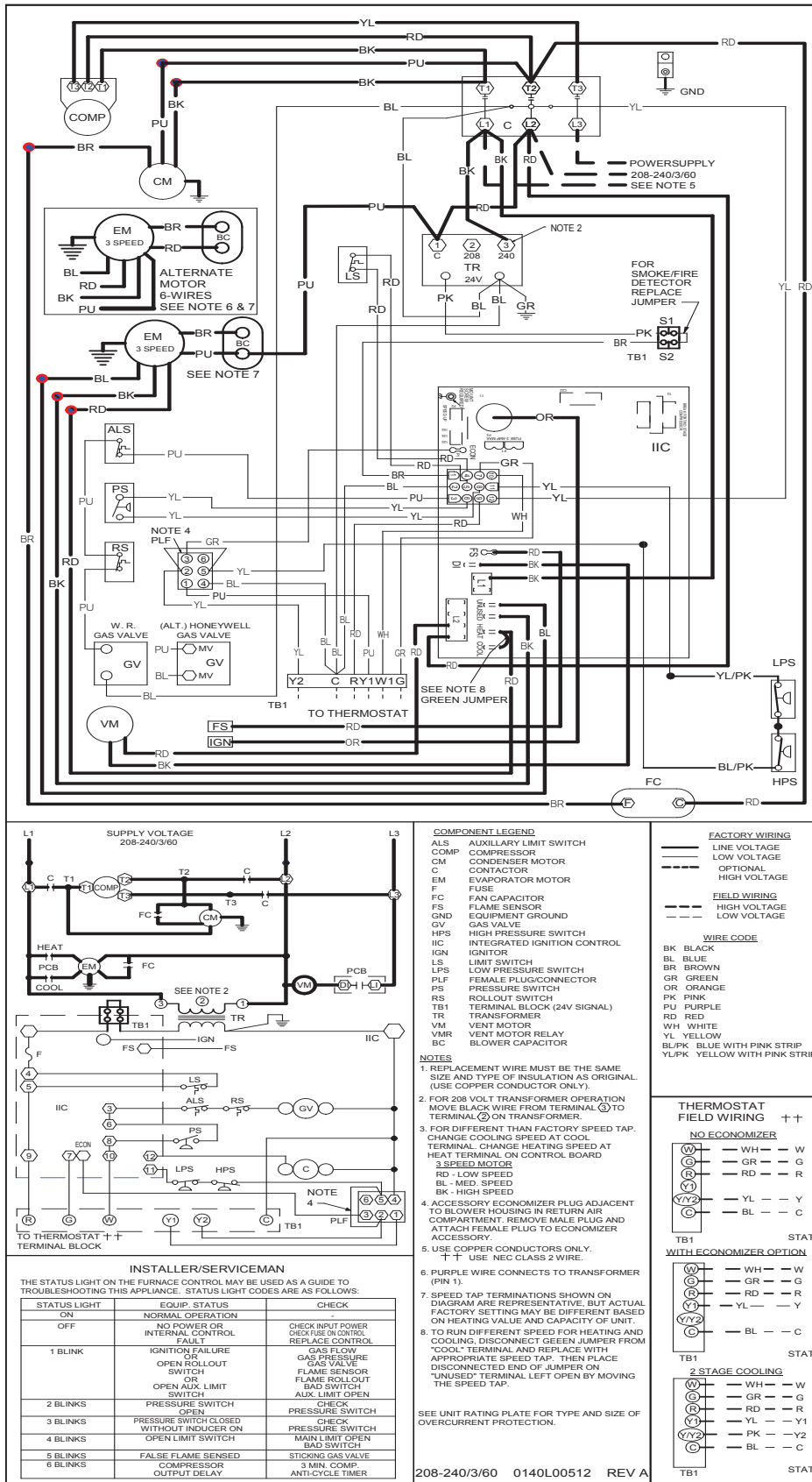
2 STAGE COOLING



WIRING DIAGRAM — CPG036/48XXX3DXXXBA (THREE-PHASE DIRECT DRIVE)



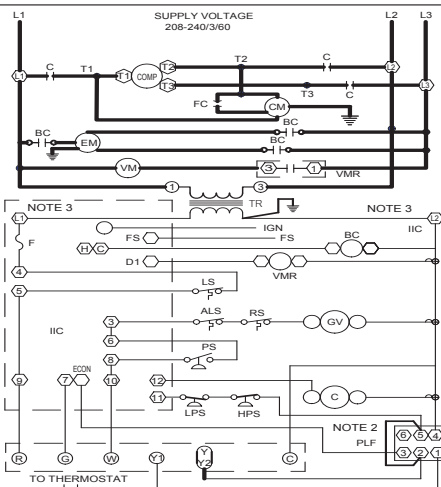
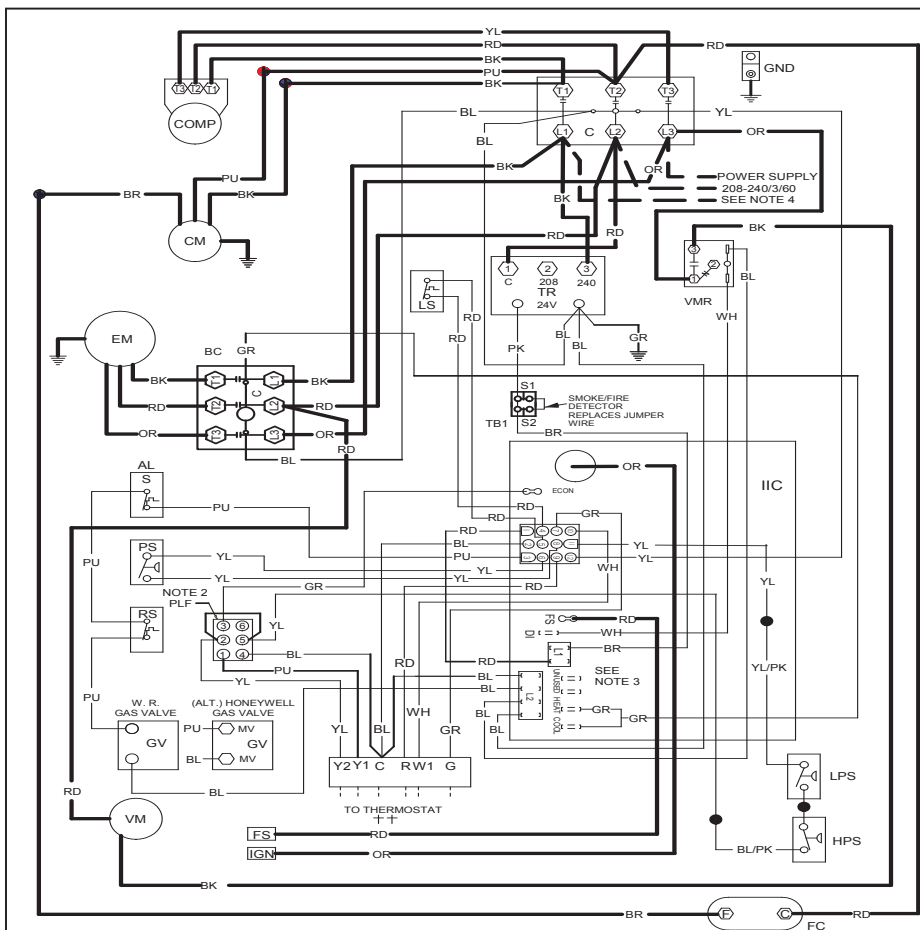
WIRING DIAGRAM — CPG0360453DXXXBA (THREE-PHASE DIRECT DRIVE)



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

WIRING DIAGRAM — CPG0360453BXXXBA (THREE-PHASE DIRECT DRIVE)



INSTALLER/SERVICE MAN

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	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
OFF	NO POWER OR INTERNAL CONTROL	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE OPEN ROLLOUT SWITCH	GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR FLAME ROLLOUT BAD SWITCH AUX. LIMIT OPEN
2 BLINKS	PRESSURE SWITCH	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

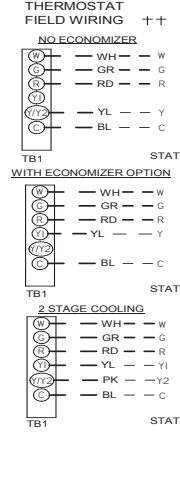
- COMPONENT LEGEND**
- ALS AUXILIARY LIMIT SWITCH
 - BC BLOWER CONTACTOR
 - COMP COMPRESSOR
 - CM CONDENSER MOTOR
 - CON CONTACTOR
 - EM EVAPORATOR MOTOR
 - F FUSE
 - FC FAN CAPACITOR
 - FS FLAME SENSOR
 - GND EQUIPMENT GROUND
 - GV GAS VALVE
 - HPS HIGH PRESSURE SWITCH
 - IBR INDOOR BLOWER RELAY
 - IIC INTEGRATED IGNITION CONTROL
 - IGN IGNITOR
 - LS LIMIT SWITCH
 - LPS LOW PRESSURE 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

- NOTES**
- REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. (USE COPPER CONDUCTOR ONLY).
 - ACCESSORY ECONOMIZER PLUG ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO THE ECONOMIZER ACCESSORY.
 - L1 AND L2 ON IIC CONTROL IS 24V INPUT.
 - USE COPPER CONDUCTORS ONLY.
 - FOR 208 VOLT TRANSFORMER OPERATION, MOVE BLACK WIRE FROM TERMINAL (1) TO TERMINAL (2) ON TRANSFORMER.

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

208-240/3/60 0140L00511 REV A

- 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

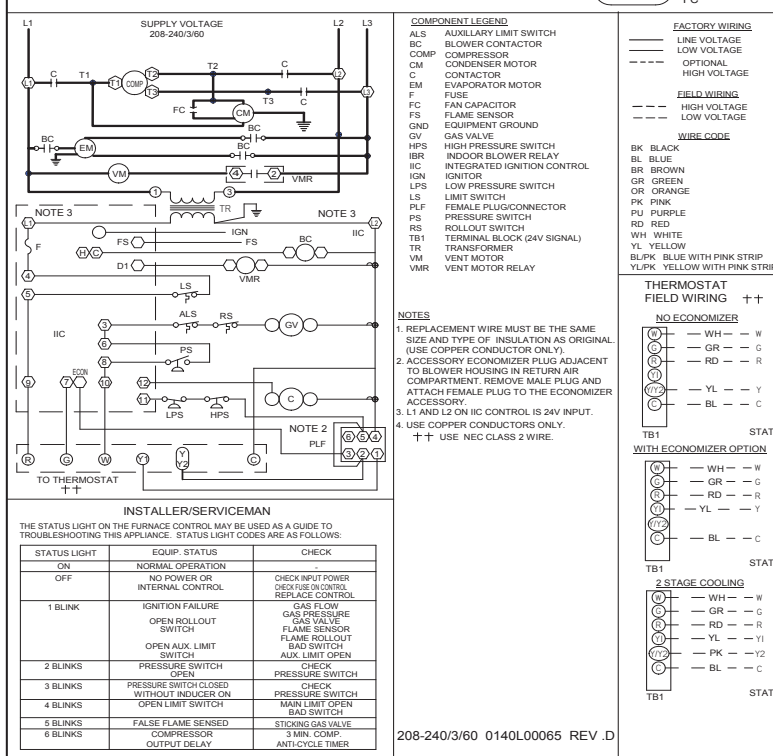
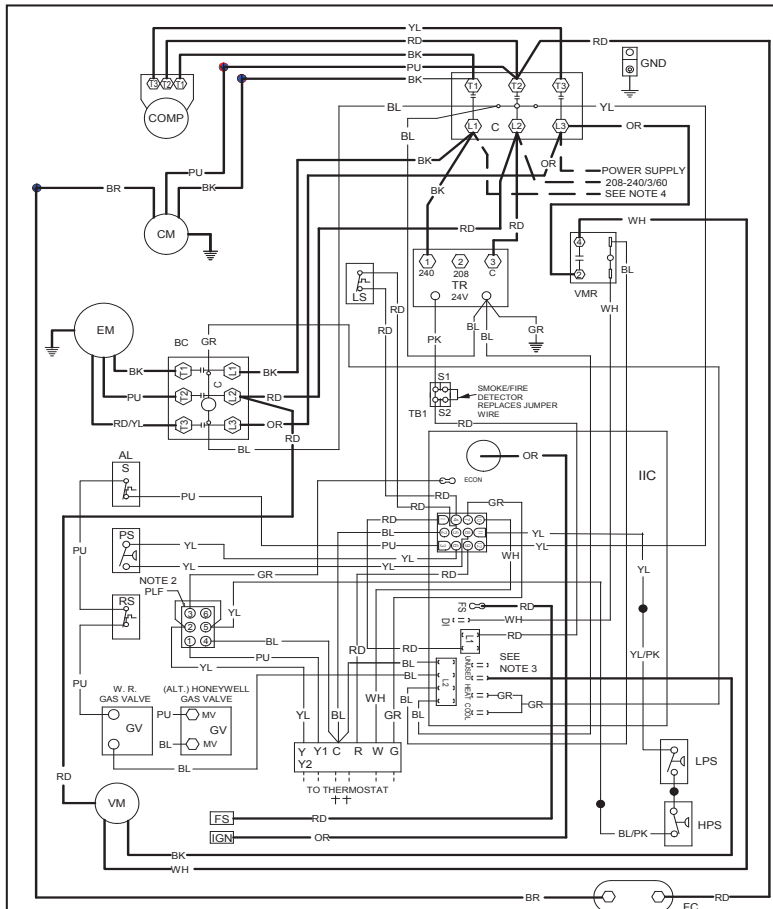


High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

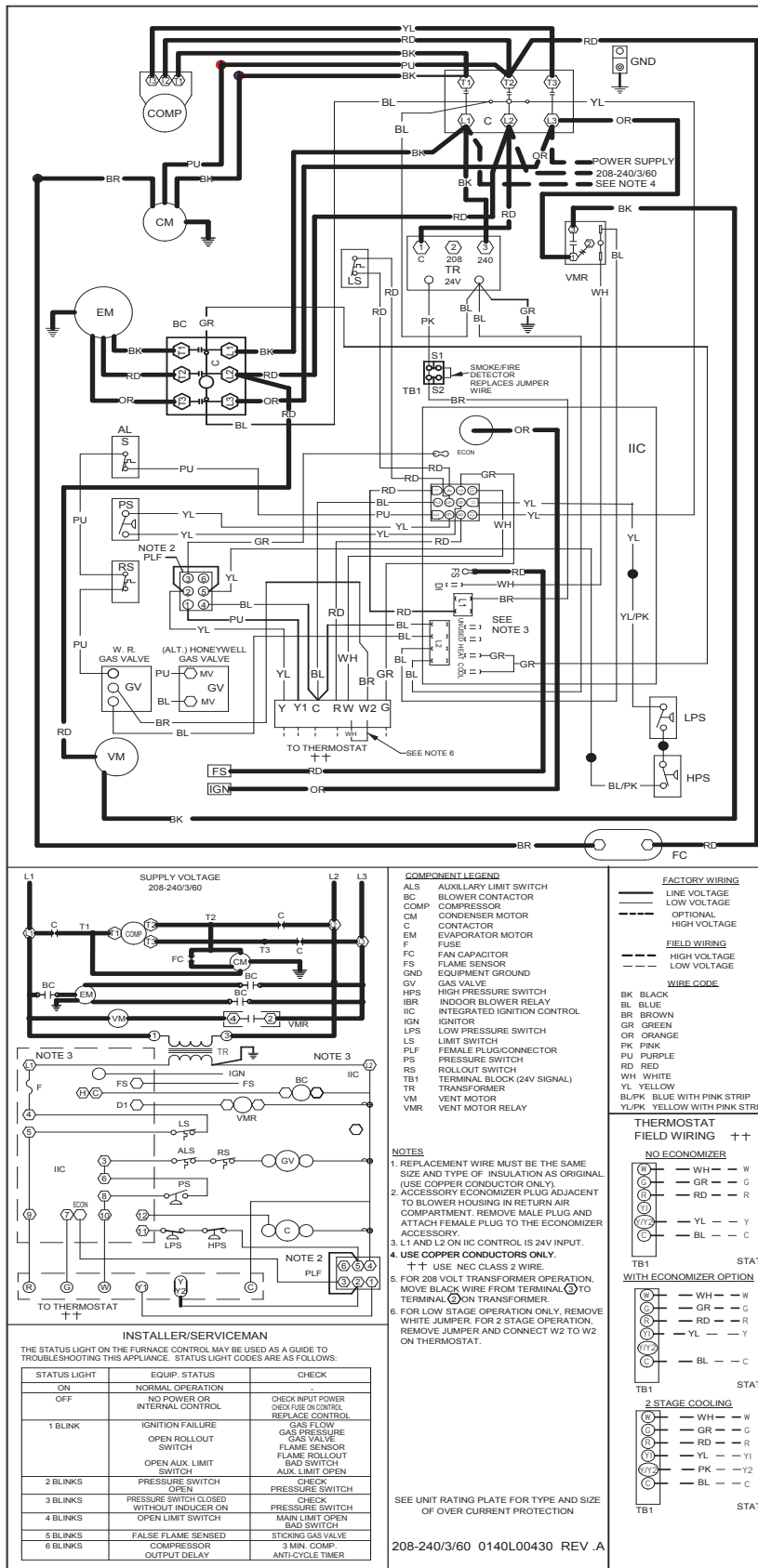
WARNING

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

WIRING DIAGRAM — CPG036/48/60XXX3BXXXAA (THREE-PHASE, BELT DRIVE)



WIRING DIAGRAM — CPG036/48/60XXX3BXXXBA (THREE-PHASE, BELT DRIVE)

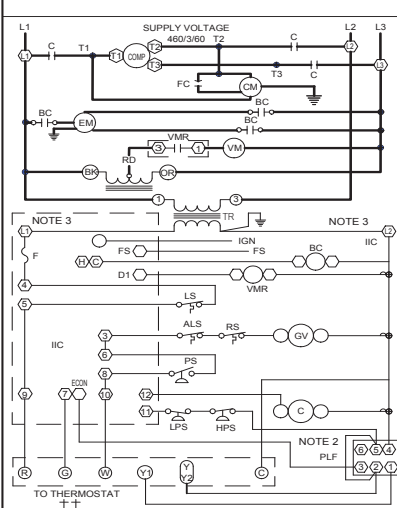
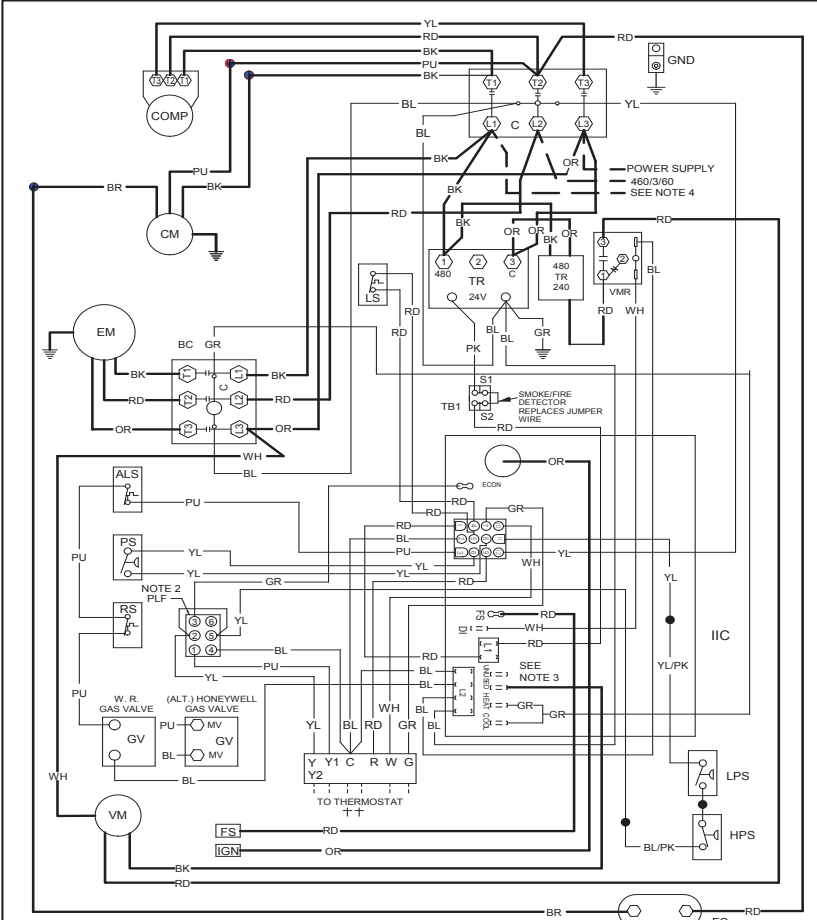


High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

WARNING

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

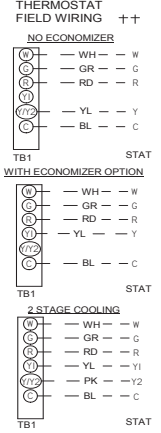
WIRING DIAGRAM — CPG036/48/60XXX4BXXXAA (460V, BELT DRIVE)



- COMPONENT LEGEND**
- ALS AUXILIARY 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 ROLL-OUT SWITCH
 - TB1 TERMINAL BLOCK (24V SIGNAL)
 - TR TRANSFORMER
 - VM VENT MOTOR
 - VMR VENT MOTOR RELAY

- NOTES**
- REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. (USE COPPER CONDUCTOR ONLY).
 - ACCESSORY ECONOMIZER PLUG ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO THE ECONOMIZER ACCESSORY.
 - L1 AND L2 ON IIC CONTROL IS 24V INPUT.
 - USE COPPER CONDUCTORS ONLY. ++ USE NEC CLASS 2 WIRE.

- 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



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:

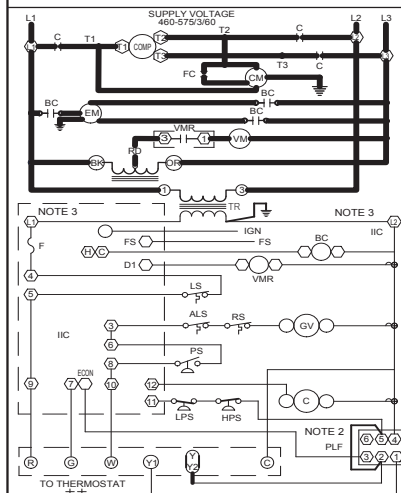
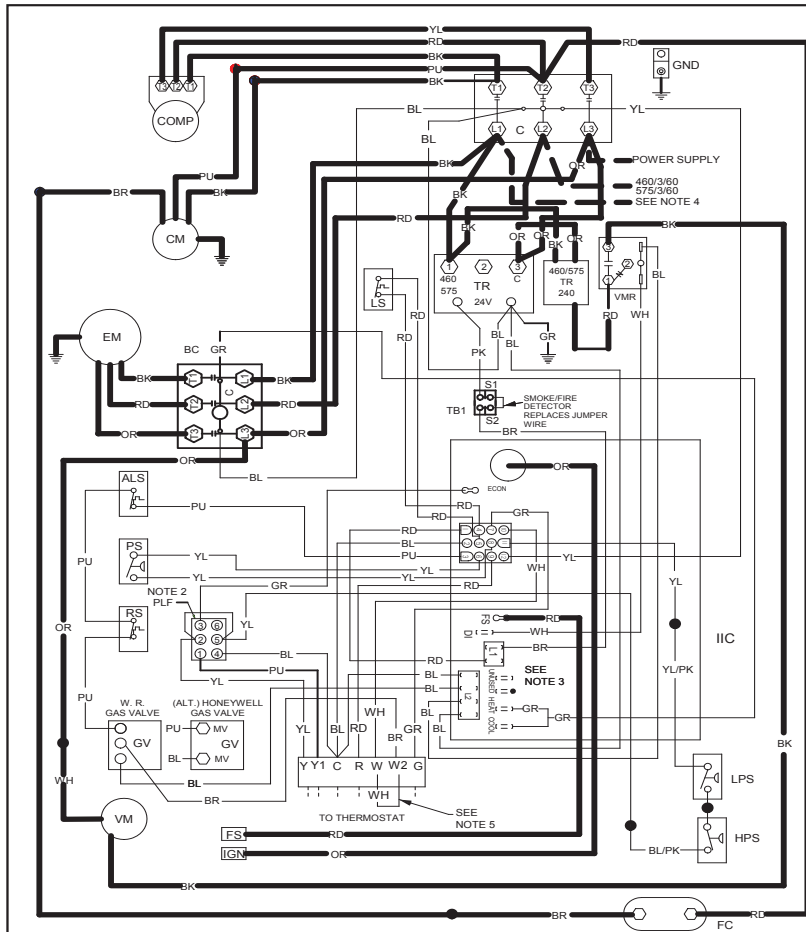
STATUS LIGHT	EQUIP. STATUS	CHECK
ON	NORMAL OPERATION	
OFF	NO POWER OR INTERNAL CONTROL	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE	CHECK GAS FLOW GAS PRESSURE GAS VALVE
	OPEN ROLL-OUT SWITCH	FLAME SENSOR FLAME ROLL-OUT
	OPEN AUX. LIMIT SWITCH	BAD SWITCH AUX. LIMIT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

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.

WARNING

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

WIRING DIAGRAM — CPG036/48/60XXX4BXXXBA (460V, BELT DRIVE)



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 REPLACE CONTROL
1 BLINK	IGNITION FAILURE	CHECK GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR FLAME ROLLOUT BAD SWITCH
2 BLINKS	PRESSURE SWITCH OPEN	AUX. LIMIT OPEN 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. ANTICYCLE TIMER

COMPONENT LEGEND

ALS	AUXILIARY 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

- 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.
 5. FOR LOW STAGE OPERATION ONLY, REMOVE WHITE JUMPER. FOR 2 STAGE OPERATION, REMOVE JUMPER AND CONNECT W2 TO W2 ON THERMOSTAT.

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

460-575/3/60 0140L00870 REV A

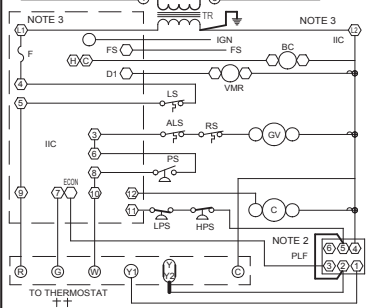
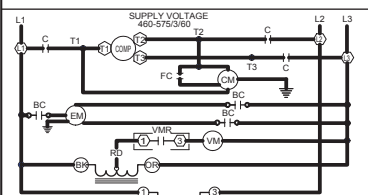
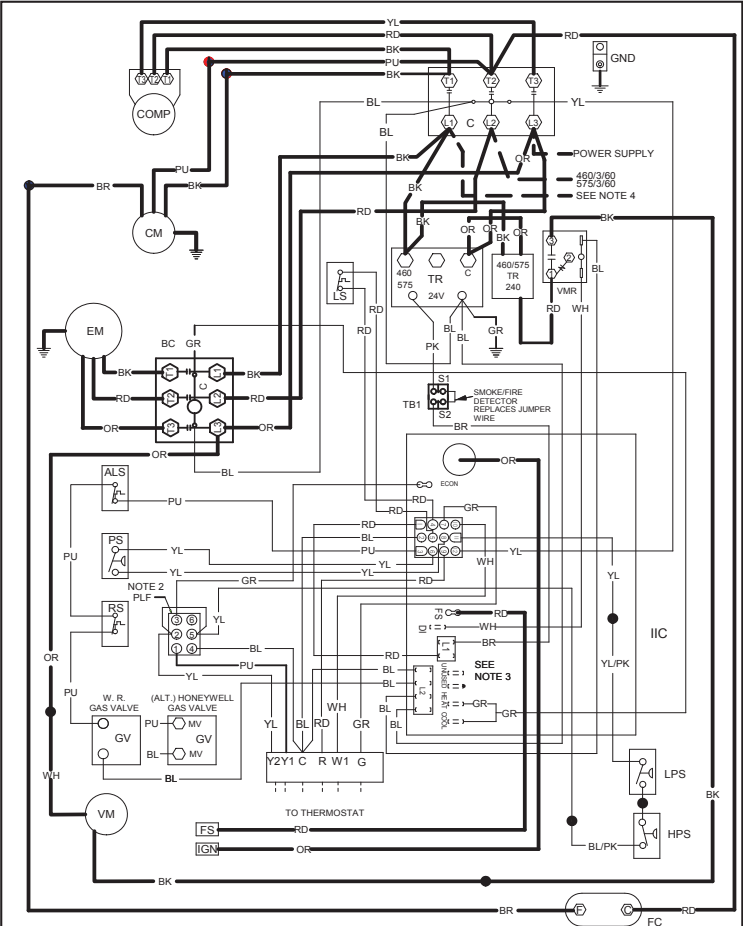


High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.



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

WIRING DIAGRAM — CPG0360454BXXXBA (460V, BELT DRIVE)



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 IN CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE OPEN ROLL OUT SWITCH OPEN AUX. LIMIT SWITCH	CHECK GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR FLAME ROLL OUT 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	STUCK GAS VALVE
6 BLINKS	COMPRESSOR OUTPUT DELAY	3 MIN. COMP. ANTICYCLE TIMER

- COMPONENT LEGEND
- ALS AUXILIARY LIMIT SWITCH
 - BC BLOWER CONTACTOR
 - COMP COMPRESSOR
 - CM CONDENSER MOTOR
 - EM CONTACTOR
 - 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 ROLL OUT SWITCH
 - TB1 TERMINAL BLOCK (24V SIGNAL)
 - TR TRANSFORMER
 - VM VENT MOTOR
 - VMR VENT MOTOR RELAY
- 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.

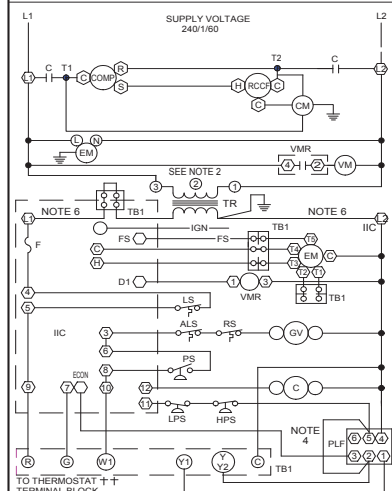
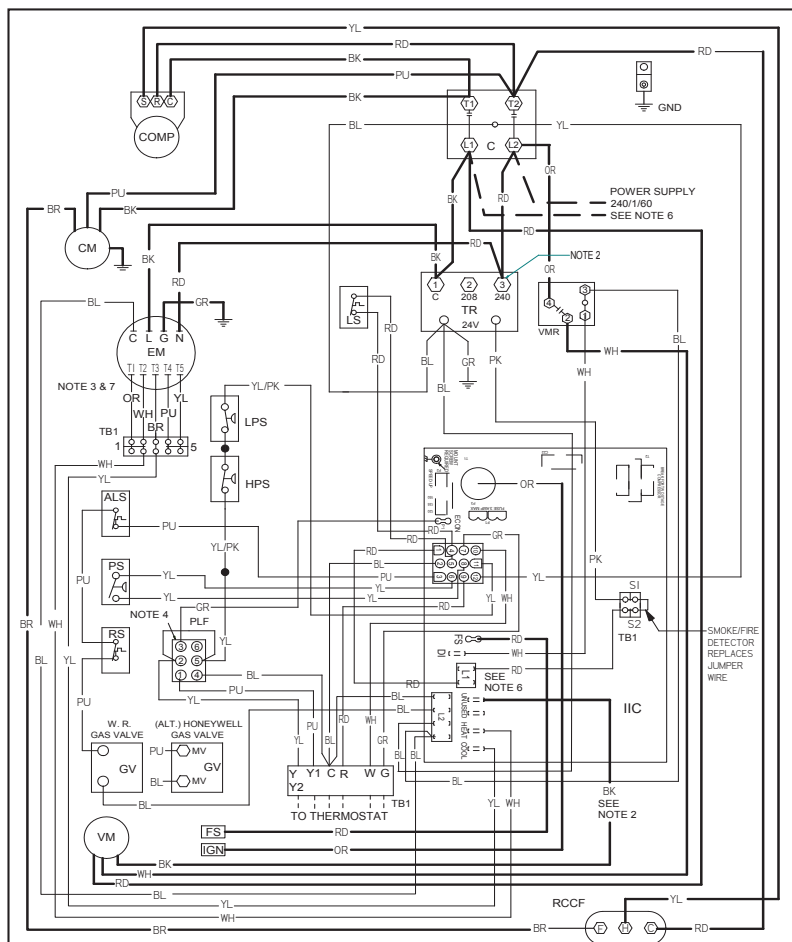
- FACTORY WIRING
- LINE VOLTAGE
 - - - LOW VOLTAGE
 - · - · - OPTIONAL HIGH VOLTAGE
- FIELD WIRING
- - - HIGH VOLTAGE
 - · - · - LOW VOLTAGE
- WIRE CODE
- BK BLACK
 - BL BLUE
 - BR BROWN
 - GR GREEN
 - OR ORANGE
 - PK PINK
 - PU PURPLE
 - RD RED
 - WH WHITE
 - YL YELLOW
 - BL/PK BLUE WITH PINK STRIP
 - YL/PK YELLOW WITH PINK STRIP
- THERMOSTAT FIELD WIRING ++
- NO ECONOMIZER
- | | | |
|---|----|---|
| W | WH | W |
| G | GR | G |
| R | RD | R |
| Y | YL | Y |
| C | BL | C |
- TB1 STAT
- WITH ECONOMIZER OPTION
- | | | |
|---|----|---|
| W | WH | W |
| G | GR | G |
| R | RD | R |
| Y | YL | Y |
| C | BL | C |
- TB1 STAT
- 2 STAGE COOLING
- | | | |
|---|----|---|
| W | WH | W |
| G | GR | G |
| R | RD | R |
| Y | YL | Y |
| C | BL | C |
- TB1 STAT

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.

WARNING

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

WIRING DIAGRAM — CPG060XXX1DXXXAA (SINGLE-PHASE DIRECT DRIVE)



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
OFF	NORMAL OPERATION	-
1 BLINK	NO POWER OR INTERNAL CONTROL FAULT	CHECK INPUT POWER CHECK FUSE (ON CONTROL)
2 BLINKS	IGNITION FAILURE OR OPEN ROLLOUT SWITCH	REPLACE CONTROL
3 BLINKS	OR OPEN AUX. LIMIT SWITCH	CHECK GAS PRESSURE FLAME SENSOR FLAME ROLLOUT BAD SWITCH AUX. LIMIT OPEN
4 BLINKS	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH
5 BLINKS	PRESSURE SWITCH CLOSED WITHOUT INDICATOR ON	CHECK PRESSURE SWITCH
6 BLINKS	OPEN LIMIT SWITCH	CHECK PRESSURE SWITCH
7 BLINKS	FALSE FLAME SENSED	STICKING GAS VALVE
8 BLINKS	COMPRESSOR OUTPUT DELAY	3 MIN. COMP. ANTICYCLE TIMER

COMPONENT LEGEND

ALS	AUXILIARY LIMIT SWITCH
COMP	COMPRESSOR
CM	CONDENSER MOTOR
C	CONTACTOR
EM	EVAPORATOR MOTOR
F	FUSE
FS	FLAME SENSOR
GND	EQUIPMENT GROUND
GV	GAS VALVE
HPS	HIGH PRESSURE SWITCH
IIC	INTEGRATED IGNITION CONTROL
IGN	IGNITOR
LS	LOW PRESSURE SWITCH
LPS	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

NOTES

- REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. (USE COPPER CONDUCTOR ONLY.)
- FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL (2) TO TERMINAL (3) ON TRANSFORMER. ALSO CHANGE RED WIRE TO BLACK WIRE FROM VENT MOTOR.
- FOR DIFFERENT THAN FACTORY SPEED TAP, CHANGE COOLING SPEED AT MOTOR T4 AND T5 TERMINALS. CHANGE HEATING SPEED AT MOTOR T1, T2, AND T3 TERMINALS.
COOLING SPEED (YELLOW WIRE)
T3 - LOW SPEED
T4 - HIGH SPEED
HEATING SPEED (WHITE WIRE)
T1 - LOW SPEED (070)
T2 - MED. SPEED
T5 - HIGH SPEED (140)
- ACCESSORY ECONOMIZER PLUG ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO ECONOMIZER ACCESSORY.
- USE COPPER CONDUCTORS ONLY.
++ USE NEC CLASS 2 WIRE.
- L1 AND L2 ON ICC CONTROL IS 24V INPUT.
- SPEED TAP TERMINATIONS SHOWN ON DIAGRAM ARE REPRESENTATIVE, BUT ACTUAL FACTORY SETTINGS MAY BE DIFFERENT BASED ON THE HEATING VALUE OF THE UNIT.

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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

THERMOSTAT FIELD WIRING

NO ECONOMIZER

W	—	WH	—	W
G	—	GR	—	G
R	—	RD	—	R
Y	—	YL	—	Y
C	—	BL	—	C

WITH ECONOMIZER OPTION

W	—	WH	—	W
G	—	GR	—	G
R	—	RD	—	R
Y	—	YL	—	Y
C	—	BL	—	C

2 STAGE COOLING

W	—	WH	—	W
G	—	GR	—	G
R	—	RD	—	R
Y	—	YL	—	Y
C	—	BL	—	C

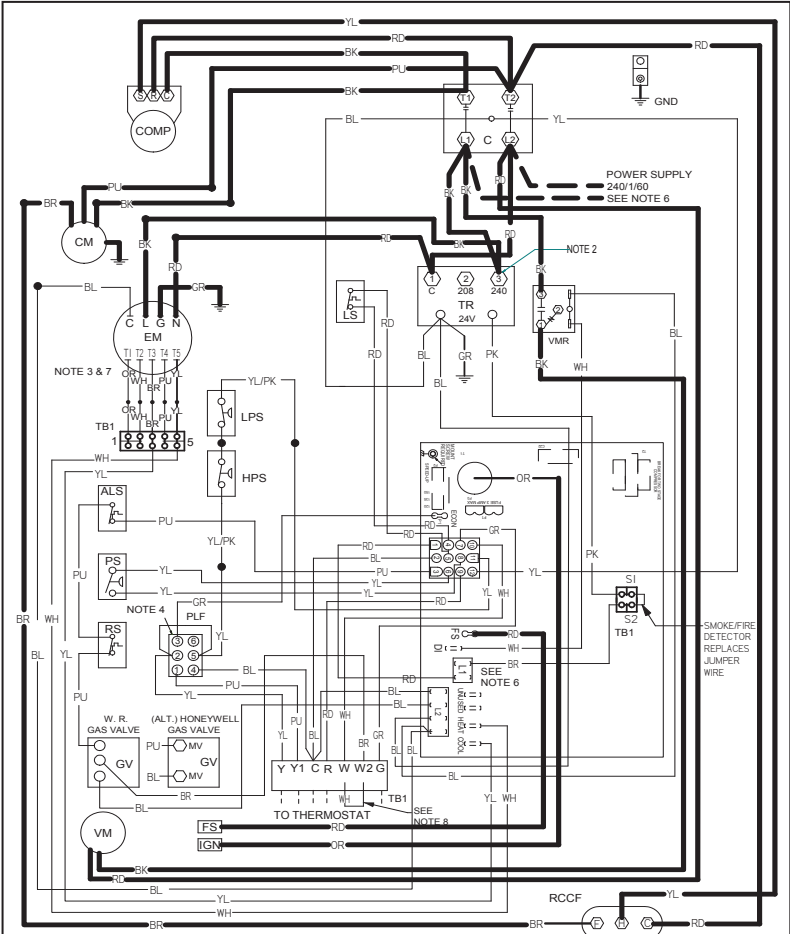


High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.



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

WIRING DIAGRAM — CPG060XXX1DXXXBA (SINGLE-PHASE DIRECT DRIVE)



COMPONENT LEGEND

ALS AUXILIARY LIMIT SWITCH
COMP COMPRESSOR
CM CONDENSER MOTOR
C CONTACTOR
EM EVAPORATOR MOTOR
F FUSE
FS FLAME SENSOR
GND EQUIPMENT GROUND
GV GAS VALVE
HPS HIGH PRESSURE SWITCH
IIC INTEGRATED IGNITION CONTROL
IGN IGNITOR
LPS LOW PRESSURE SWITCH
LS LIMIT SWITCH
PLF FEMALE PLUG/CONNECTOR
PS PRESSURE SWITCH
RCCF RUN CAPACITOR FOR COMPRESSOR/FAN
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
BLPK BLUE WITH PINK STRIP
YLPK YELLOW WITH PINK STRIP

NOTES

1. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. (USE COPPER CONDUCTOR ONLY).

2. FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL ② TO TERMINAL ③ ON TRANSFORMER.

3. FOR DIFFERENT THAN FACTORY SPEED TAP, CHANGE COOLING SPEED AT MOTOR T4 AND T5 TERMINALS. CHANGE HEATING SPEED AT MOTOR T1, T2, AND T3 TERMINALS.

COOLING SPEED (YELLOW WIRE)
T3 - LOW SPEED
T4 - HIGH SPEED

HEATING SPEED (WHITE WIRE)
T1 - LOW SPEED (070)
T2 - MED. SPEED
T5 - HIGH SPEED (140)

4. ACCESSORY ECONOMIZER PLUG ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO ECONOMIZER ACCESSORY.

5. USE COPPER CONDUCTORS ONLY.
++ USE NEC CLASS 2 WIRE.

6. L1 AND L2 ON ICC CONTROL IS 24V INPUT.

7. SPEED TAP TERMINATIONS SHOWN ON DIAGRAM ARE REPRESENTATIVE, BUT ACTUAL FACTORY SETTINGS MAY BE DIFFERENT BASED ON THE HEATING VALUE OF THE UNIT.

8. FOR LOW STAGE OPERATION ONLY, REMOVE WHITE JUMPER FOR 2 STAGE OPERATION. REMOVE JUMPER AND CONNECT W2 TO W2 ON THERMOSTAT.

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 FAILURE	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE OR OPEN ROLLOUT SWITCH OR OPEN ALX LIMIT SWITCH	CHECK GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR FLAME ROLLOUT BAD SWITCH ALX LIMIT OPEN
2 BLINKS	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH
3 BLINKS	PRESSURE SWITCH CLOSED WITHOUT INDUCER ON	CHECK PRESSURE SWITCH
4 BLINKS	MAIN LIMIT OPEN	CHECK PRESSURE SWITCH
5 BLINKS	FALSE FLAME SENSED	STICKING GAS VALVE
6 BLINKS	COMPRESSOR OUTPUT DELAY	3 MIN. COMP. ANTI-CYCLE TIMER

THERMOSTAT FIELD WIRING

NO ECONOMIZER

TB1 STAT

WH — W
GR — G
RD — R
YL — Y
BL — C

WITH ECONOMIZER OPTION

TB1 STAT

WH — W
GR — G
RD — R
YL — Y
BL — C

2 STAGE COOLING

TB1 STAT

WH — W
GR — G
RD — R
YL — Y1
YL — Y2
PK — Y2
BL — C

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

240/160 0140L00429 REV A



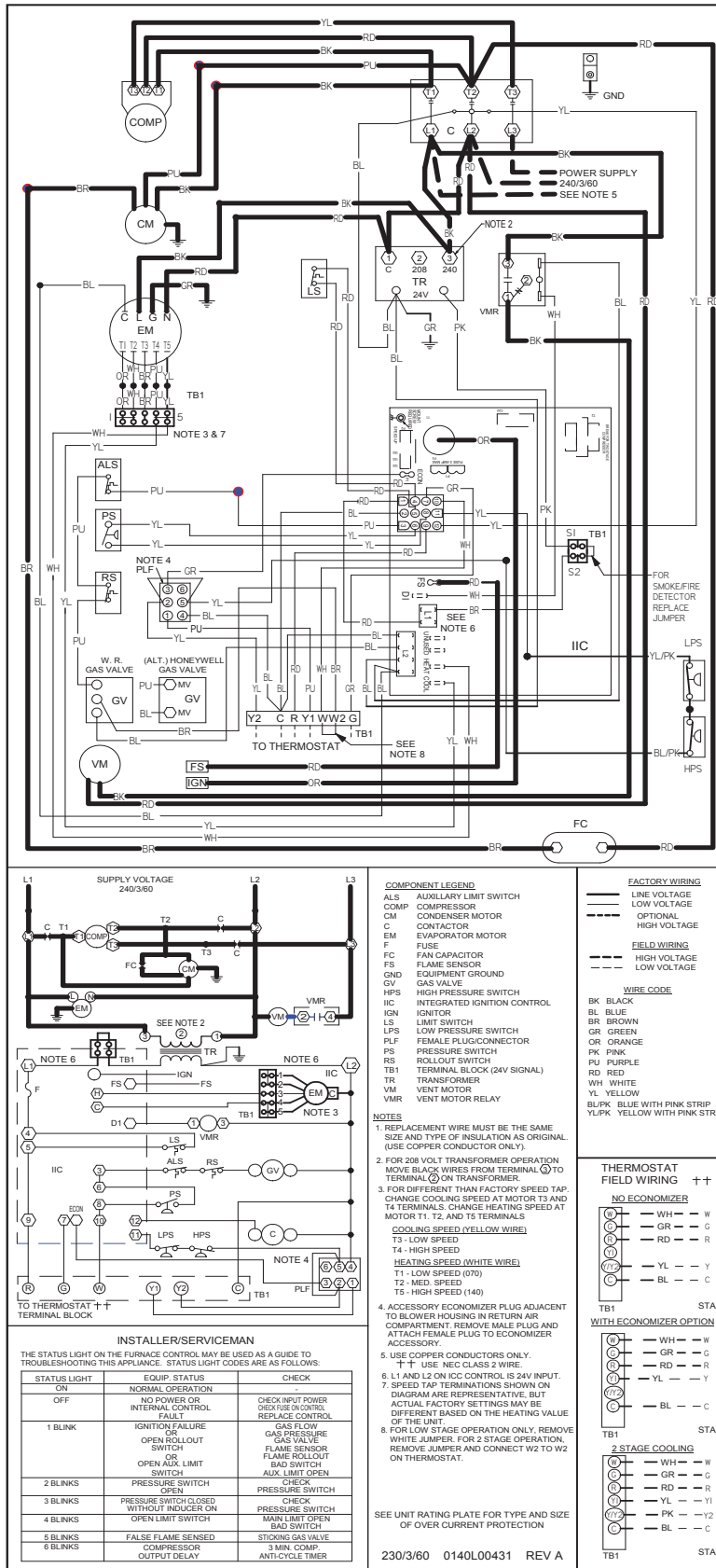
High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.



WARNING

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

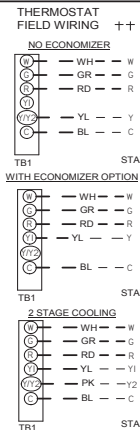
WIRING DIAGRAM — CPG060XXX3DXXXBA (THREE-PHASE DIRECT DRIVE)



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



ACCESSORIES

ITEM #	DESCRIPTION	FITS MODEL SIZES	FOR MODEL REVISION #
14CURB3672	Roof Curb – 14" Tall	3-5 tons	A
14CURB3672B	Roof Curb – 14" Tall	3-6 tons	B
25FD3672	25% Manual Fresh Air Damper	3-6 tons	Both
25MFD3672	25% Motorized Fresh Air Damper	3-6 tons	Both
BRD3672	Horizontal Barometric Relief Damper	3-6 tons	Both
CDK36	Concentric Duct Kit	3 tons	Both
CDK4872	Concentric Duct Kit	4-6 tons	Both
DNECONGS3672	Downflow Economizer	3-5 tons	A
DNECONGS3672B	Downflow Economizer	3-6 tons	B
DNECONGS3672B-NR	Downflow Economizer w/o Barometric Relief	3-6 tons	B
DNSQRRND36	Downflow Square-to-Round Adapter — 16" Round	3 tons	A
DNSQRRND36B	Downflow Square-to-Round Adapter 16" Round	3 tons	B
DNSQRRND4872	Downflow Square-to-Round Adapter — 18" Round	4-5 tons	A
DNSQRRND4872B	Downflow Square-to-Round Adapter 18" Round	4-6 tons	B
DNBBS3672	Burglar Bar Sleeves Includes Supply & Return	3-5 tons	A
DNBBS3672B	Burglar Bar Sleeves Includes Supply & Return	3-6 tons	B
GHRC-1	Hurricane Restraint Clip	All Models	Both
HAILGD01	Condenser Coil Hail Guard	3-6 tons	A
HAILGD03	Condenser Coil Hail Guard	3-5 tons	B
HAILGD04	Condenser Coil Hail Guard	6 tons	N/A
HA-02	High-Altitude Kit	All Models	Both
HSKT036B / 048B / 0 60B	High-Static Kits (230/460v)	3-5 tons	Both
HSKT072B	High-Static Kit (230/460v)	6 tons	B
HZECONGS3672	Horizontal Economizer	3-6 tons	A
HZECONGS3672B	Horizontal Economizer	3-6 tons	B
LAKT01	Low-Ambient Kit	3-6 tons	Both
LPM-05	LP Conversion Kit	3-6 tons	Both
LPT-00A	LP Conversion Kit for CPG036045 only	3 tons	
PE36722	Power Exhaust 208/230v CPX Unit	3-5 tons	A
PE36722B	Power Exhaust 208/230v CPX Unit	3-6 tons	B
PE36724	Power Exhaust 460v CPX Unit	3-5 tons	A
PE36724B	Power Exhaust 460v CPX Unit	3-6 tons	B

