Goodman®

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

CPG Commercial

3- to 5-Ton Self-Contained Packaged Gas/Electric Units

The new Goodman® CPG 13 SEER Commercial Packaged Gas/Electric Units feature the environmentally friendly refrigerant R-410A, which is chlorine-free to help prevent damage to the ozone layer. 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

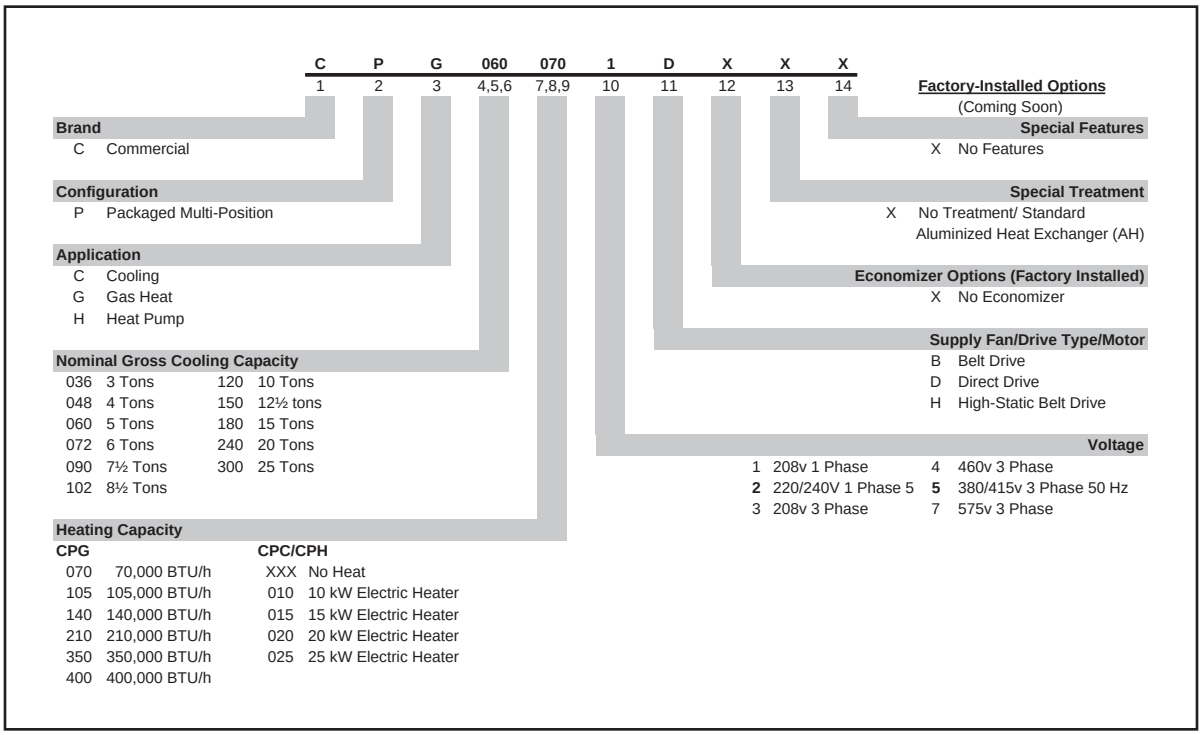
- Environmentally friendly R-410A refrigerant
- TuffTube™ tubular heat exchanger
- High-efficiency scroll compressor
- Copper tube / aluminum fin coils
- Contactor with lugs
- High-capacity, steel-cased filter dryer
- Single-point entry
- 24-volt terminal strip
- Convertible
- Easy to service
- Built-in 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

Contents

NOMENCLATURE



PRODUCT SPECIFICATIONS — 3-TONS

	CPG036 0701D***	CPG036 0703D***	CPG036 0703B***	CPG036 0704B***	CPG036 0707B***
Cooling Capacity					
Total BTU/h	35,000	35,000	35,000	35,000	35,000
Sensible BTU/h	25,900	25,900	25,900	25,900	25,900
SEER / EER	13 / 11.3	13 / 11.3	13 / 11.3	13 / 11.3	13 / 11.3
Decibels	76.5	76.5	76.5	76.5	76.5
ARI Reference #s	3012033	3012034	3012034	3012035	3012036
Heating Capacity					
Max. Input BTU/h	70,000	70,000	70,000	70,000	70,000
Max. Output BTU/h	56,000	56,000	56,000	56,000	56,000
Steady State Efficiency (AFUE)	80	80	80	80	80
Temperature Rise Range (°F)	30-60	30-60	30-60	30-60	30-60
No. of Burners	2	2	2	2	2
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	2.3
Horsepower - RPM	⅓ - 890	⅓ - 890	1.0 - 1725	1.0 - 1725	1.5 - 1725
Piston Size (Cooling)	0.068	0.068	0.068	0.068	0.068
Filter Size	(4) 14”x20”x2”	(4) 14”x20”x2”	(4) 14”x20”x2”	(4) 14”x20”x2”	(4) 14”x20”x2”
Drain Size (NPT)	¾”	¾”	¾”	¾”	¾”
R-410A Refrigerant Charge Cir #1(oz.)	90	90	90	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	---	---	1VL40 X ⅝	1VL40 X ⅝	1VL40 X ⅝
Blower Sheave	---	---	AK69 X 1	AK69 X 1	AK69 X 1
Belt	---	---	AX41	AX41	AX41
Condenser Fan / Coil					
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	18	18	18	18
Rows Deep/ Fins per Inch	1 / 22	1 / 22	1 / 22	1 / 22	1 / 22
Electrical Data					
Voltage/Phase/ Frequency	208-230/1/60	208-230/3/60	208-230/3/60	460/3/60	575/3/60
Compressor RLA / LRA	16.7 / 79.0	10.5 / 73.0	10.5 / 73.0	5.8 / 38.0	3.8 / 36.5
Indoor Blower HP / FLA	⅓ / 2.5	⅓ / 2.5	1 / 3.8	1 / 1.9	1.5 / 2.3
Max External Static	0.5”	0.5”	0.7”	0.7”	0.7”
Outdoor Fan HP / RLA	¼ / 1.4	¼ / 1.4	¼ / 1.4	¼ / 0.8	¼ / 0.6
Total Unit Amps	20.57	14.35	15.65	8.47	6.68
Min. Circuit Ampacity[1]	25	17	18	10	8
Max. Overcurrent Protection (amps)[2]	40	25	25	15	10
Entrance Power Supply	Locating Dimple	Locating Dimple	Locating Dimple	Locating Dimple	Locating Dimple
Entrance Control Voltage	Locating Dimple	Locating Dimple	Locating Dimple	Locating Dimple	Locating Dimple
Operating Weight (lbs)	660	660	660	660	660
Ship Weight (lbs)	680	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 — 3-TONS (CONT.)

	CPG036 1051D***	CPG036 1053D***	CPG036 1053B***	CPG036 1054B***	CPG036 1057B***
Cooling Capacity					
Total BTU/h	35,000	35,000	35,000	35,000	35,000
Sensible BTU/h	25,900	25,900	25,900	25,900	25,900
SEER / EER	13 / 11.3	13 / 11.3	13 / 11.3	13 / 11.3	13 / 11.3
Decibels	76.5	76.5	76.5	76.5	76.5
ARI Reference #	3012033	3012034	3012034	3012035	3012036
Heating Capacity					
Max. Input BTU/h	105,000	105,000	105,000	105,000	105,000
Max. 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
# 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	2.3
Horsepower - RPM	⅓ - 890	⅓ - 890	1.0 - 1725	1.0 - 1725	1.5 - 1725
Piston Size (Cooling)	0.068	0.068	0.068	0.068	0.068
Filter Size	(4) 14”x20”x2”	(4) 14”x20”x2”	(4) 14”x20”x2”	(4) 14”x20”x2”	(4) 14”x20”x2”
Drain Size (NPT)	¾”	¾”	¾”	¾”	¾”
R-410A Refrigerant Charge Cir #1(oz.)	90	90	90	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	---	---	1VL40 X ⅝	1VL40 X ⅝	1VL40 X ⅝
Blower Sheave	---	---	AK69 X 1	AK69 X 1	AK69 X 1
Belt	---	---	AX41	AX41	AX41
Condenser Fan / Coil					
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	18	18
Rows Deep/ Fins per Inch	1 / 22	1 / 22	1 / 22	1 / 22	1 / 22
Electrical Data					
Voltage/Phase/ Frequency	208-230/1/60	208-230/3/60	208-230/3/60	460/3/60	575/3/60
Compressor RLA / LRA	16.7 / 79.0	10.5 / 73.0	10.5 / 73.0	5.8 / 38.0	3.8 / 36.5
Indoor Blower HP / FLA	⅓ / 2.5	⅓ / 2.5	1 / 3.8	1 / 1.9	1.5 / 2.3
Belt-Driven Standard Max Static	0.5”	0.5”	0.7”	0.7”	0.7”
Outdoor Fan HP / RLA	¼ / 1.4	¼ / 1.4	¼ / 1.4	¼ / 0.8	¼ / 0.6
Total Unit Amps	20.57	14.35	15.65	8.47	6.68
Min. Circuit Ampacity[1]	25	17	18	10	8
Max. Overcurrent Protection (amps)[2]	40	25	25	15	10
Entrance Power Supply	Locating Dimple	Locating Dimple	Locating Dimple	Locating Dimple	Locating Dimple
Entrance Control Voltage	Locating Dimple	Locating Dimple	Locating Dimple	Locating Dimple	Locating Dimple
Operating Weight (lbs)	660	660	660	660	660
Ship Weight (lbs)	680	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 — 4-Tons

	CPG048 0701D***	CPG048 0703D***	CPG048 0703B***	CPG048 0704B***
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	(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)	¾"	¾"	¾"	¾"
R-410A Refrigerant Charge (oz.)	110	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	---	---	VL44 X 5/8	VL44 X 5/8
Blower Sheave	---	---	AK66 X 1	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
Electrical Data				
Voltage/Phase/ Frequency	208-230/1/60	208-230/3/60	208-230/3/60	460/3/60
Quantity of Compressors	1	1	1	1
Compressor RLA / LRA	19.9 / 109	13.1 / 83.1	13.1 / 83.1	6.1 / 41
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 — 4-Tons (cont.)

	CPG048 1051D***	CPG048 1053D***	CPG048 1053B***	CPG048 1054B***	CPG048 1057B***
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
ARI Reference #s	3012037	3012038	3012038	3012039	3012040
Heating Capacity					
Max. Input BTU/h	105,000	105,000	105,000	105,000	105,000
Max. Output BTU/h	84,000	84,000	84,000	84,000	84,000
Steady State Efficiency	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	(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)14" x 20" x 2"
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"
R-410A Refrigerant Charge (oz.)	110	110	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	---	---	VL44 X 5/8	VL44 X 5/8	VL44 X 5/8
Blower Sheave	---	---	AK66 X 1	AK66 X 1	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
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
Compressor RLA / LRA	19.9 / 109	13.1 / 83.1	13.1 / 83.1	6.1 / 41	4.4 / 33
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 — 5-TONS

	CPG060 0701D***	CPG060 0703D***	CPG060 0703B***	CPG060 0704B***
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
ARI Reference #s	1487475	1487452	1487452	1487453
Gas Heating Capacity				
Max. Input BTU/h	70,000	70,000	70,000	70,000
Max. Output BTU/h	56,000	56,000	56,000	56,000
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
Expansion Device	Piston	Piston	Piston	Piston
Piston Size (Cooling)	0.082	0.082	0.082	0.082
Filter Size	14” x 20” x 2”	14” x 20” x 2”	14” x 20” x 2”	14” x 20” x 2”
Drain Size (NPT)	¾”	¾”	¾”	¾”
R-410A Refrigerant Charge (oz.)	165	165	165	165
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
Evaporator Fan				
Standard Direct Drive (D x W) HP	(11” X 10”) 1	(11” X 10”) 1	----	----
Standard Belt Drive (D x W) HP	----	----	(11” X 10”) 1	(11” X 10”) 1
High-Static Belt Drive (D x W) HP	----	----	(11” X 10”) 1½	(11” X 10”) 1½
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)	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
Electrical Data				
Voltage/Phase/ Frequency	208/230-60-1	208/230-60-3	208/230-60-3	460-60-3
Compressor RLA / LRA	26.4 / 134	15.96 / 110	15.96 / 110	7.76 / 52
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 / RLA	¼ / 1.40	¼ / 1.40	¼ / 1.40	¼ / 0.8
Min. Circuit Ampacity[1]	42	28.95	25.15	12.4
Max. Overcurrent Protection (amps)[2]	60	40	40	20
Entrance Power Supply	Locating Dimple	Locating Dimple	Locating Dimple	Locating Dimple
Entrance Control Voltage	Locating Dimple	Locating Dimple	Locating Dimple	Locating Dimple
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 — 5-Tons (cont.)

	CPG060 1401D***	CPG060 1403D***	CPG060 1403B***	CPG060 1404B***	CPG060 1407B***
Cooling Capacity					
Total BTU/h	59,500	59,500	59,500	59,500	59,500
Sensible BTU/h	42,500	42,500	42,500	42,500	42,500
SEER / EER	13 / 11.3	13 / 11.3	13 / 11.3	13 / 11.3	13 / 11.3
Decibels	76.8	76.8	76.8	76.8	76.8
ARI Reference #s	1487475	1487452	1487452	1487453	1487474
Gas Heating Capacity					
Max. Input BTU/h	140,000	140,000	140,000	140,000	140,000
Output BTU/h	112,000	112,000	112,000	112,000	112,000
AFUE	80	80	80	80	80
Temperature Rise Range (°F)	35 - 65	35 - 65	35 - 65	35 - 65	35 - 65
No. of Burners	4	4	4	4	4
Evaporator Motor / Coil					
Motor Type	Direct	Direct	Belt	Belt	Belt
Indoor Nominal CFM	2,000	2,000	2,000	2,000	2,000
Expansion Device	Piston	Piston	Piston	Piston	Piston
Piston Size (Cooling)	0.082	0.082	0.082	0.082	0.082
Filter Size	14” x 20” x 2”	14” x 20” x 2”	14” x 20” x 2”	14” x 20” x 2”	14” x 20” x 2”
Drain Size (NPT)	¾”	¾”	¾”	¾”	¾”
R-410A Refrigerant Charge (oz.)	165	165	165	165	165
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
Tube Diameter/ Material	5/16”/ Copper	5/16”/ Copper	5/16”/ Copper	5/16”/ Copper	5/16”/ Copper
Evaporator Fan					
Standard Direct Drive (D x W) HP	(11” X 10”) 1	(11” X 10”) 1	----	----	----
Standard Belt Drive (D x W) HP	----	----	(11” X 10”) 1	(11” X 10”) 1	(11” X 10”) 1½
High-Static Belt Drive (D x W) HP	----	----	(11” X 10”) 1½	(11” X 10”) 1½	----
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 / 4
Outdoor Nominal CFM	3,800	3,800	3,800	3,800	3,800
Face Area (ft²)	17½	17½	17½	17½	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
Electrical Data					
Voltage/Phase/ Frequency	208/230-60-1	208/230-60-3	208/230-60-3	460/60-3	575-3-60
Compressor RLA / LRA	26.4 / 134	15.96 / 110	15.96 / 110	7.76 / 52	5.7 / 38.9
Indoor Blower HP / RLA (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	12	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	28.95	25.15	12.4	10
Max. Overcurrent Protection (amps)[2]	60	40	40	20	15
Entrance Power Supply	Locating Dimple	Locating Dimple	Locating Dimple	Locating Dimple	Locating Dimple
Entrance Control Voltage	Locating Dimple	Locating Dimple	Locating Dimple	Locating Dimple	Locating Dimple
Operating Weight (lbs)	680	680	680	680	680
Ship Weight (lbs)	700	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.

AIRFLOW DATA — 3-TONS

Standard Direct-Drive — Down-Shot

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	

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	

Note: Assumes dry coil with filter in place; SCFM correction for wet coil = 4%

Standard Belt Drive — Down-Shot

ESP, In H_2O	Turns Open																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.2																1402	711	0.24
0.3													1427	763	0.28	1206	714	0.2
0.4										1435	816	0.31	1231	763	0.23	1012	710	0.16
0.5							1451	870	0.35	1267	822	0.27	969	766	0.17			
0.6				1516	922	0.42	1280	869	0.3	966	822	0.2						
0.7	1510	973	0.46	1317	928	0.35	1023	875	0.24									
0.8	1358	975	0.41	1090	928	0.29												
0.9	1130	976	0.33															
1																		

Standard Belt Drive — Horizontal

ESP, In H_2O	Turns Open																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.2																1387	716	0.24
0.3													1419	767	0.27	1243	716	0.21
0.4										1440	816	0.31	1258	768	0.24	1055	716	0.17
0.5							1447	869	0.35	1285	822	0.27	1075	769	0.2			
0.6				1484	922	0.4	1298	872	0.31	1090	822	0.23						
0.7	1526	975	0.46	1311	924	0.35	998	875	0.24									
0.8	1353	976	0.4	1019	928	0.27												
0.9	1049	981	0.32															
1	847	981	0.27															

AIRFLOW DATA — 4-TONS

Direct Drive Down Shot Blower Performance

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	

Direct Drive Horizontal Blower Performance

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	

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.

Standard Belt Drive — Down-Shot

ESP, In H_2O	Turns Open																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.2																1820	832	0.44
0.3													1889	887	0.51	1727	832	0.41
0.4													1762	887	0.46	1574	832	0.35
0.5										1804	942	0.54	1627	887	0.42	1394	837	0.31
0.6							1838	997	0.61	1653	942	0.48	1449	892	0.37			
0.7				1828	1046	0.66	1670	997	0.53	1502	947	0.42						
0.8	1889	1100	0.73	1691	1052	0.59	1500	1000	0.47									
0.9	1757	1101	0.68	1529	1052	0.53	1311	1002	0.41									
1	1591	1107	0.61	1323	1057	0.46												
1.1	1402	1107	0.52															

Standard Belt Drive — Horizontal

ESP, In H_2O	Turns Open																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.2																1761	832	0.42
0.3													1785	887	0.47	1626	832	0.38
0.4										1814	942	0.54	1632	887	0.42	1486	834	0.34
0.5							1848	997	0.61	1651	942	0.48	1492	888	0.38	1305	837	0.29
0.6				1850	1046	0.65	1717	997	0.56	1520	947	0.43	1326	892	0.33			
0.7				1729	1052	0.62	1576	997	0.5	1348	947	0.37						
0.8	1793	1101	0.69	1585	1052	0.55	1418	1002	0.45									
0.9	1623	1107	0.62	1455	1058	0.51												
1	1496	1107	0.57															
1.1	1328	1112	0.5															

Airflow Data — Direct Drive — 5-Tons

Standard Direct Drive Motor, Down Shot

Standard Cfm	Static	Amps	Watts	Rpm	Speed Tap
710	0.9	2.20	240	910	
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	T1
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	
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	T2
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	
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	T3
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	
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	T4
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	
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	T5
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	

Standard Direct Drive Motor, Horizontal

CFM	Static	Amps	Watts	RPM	Speed Tap
730	0.9	2.25	255	920	
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	T1
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	
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	T2
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	
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	T3
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	
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	T4
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	
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	T5
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	

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 — BELT DRIVE — 5-TONS

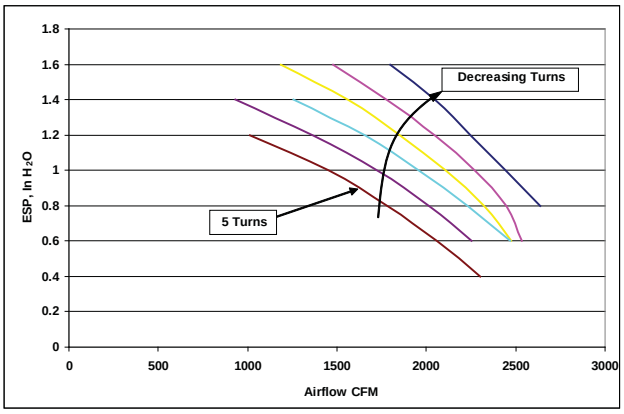
Standard Belt Drive — Down Shot

ESP, In H_2O	Turns Open																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.2							2493	1052	0.81	2359	1011	0.73	2194	956	0.64	2035	898	0.57
0.4							2215	1058	0.77	2133	1016	0.68	1932	958	0.59	1746	901	0.53
0.6	2388	1171	0.95	2220	1121	0.82	2006	1068	0.72	1860	1019	0.63	1645	961	0.55	1406	906	0.48
0.8	2159	1179	0.88	1996	1127	0.76	1790	1074	0.66	1556	1022	0.57	1281	967	0.49	935	909	0.42
1	1923	1187	0.82	1724	1135	0.7	1455	1079	0.59	1123	1027	0.5	814	972	0.43			
1.2	1664	1194	0.74	1395	1146	0.63	1012	1090	0.52									
1.4	1318	1202	0.66	981	6201	0.55	624	1096	0.47									
1.6																		

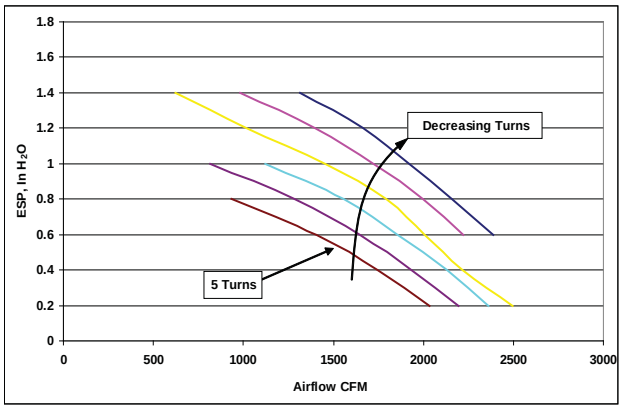
High-Static, Belt Drive — Down Shot

ESP, In H_2O	Turns Open																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.2																		
0.4																2302	1079	0.9
0.6				2532	1219	1.19	2475	1197	1.1	2468	1193	1.05	2252	1137	0.94	2060	1082	0.85
0.8	2639	1312	1.31	2445	1244	1.14	2323	1212	1.06	2229	1195	1.00	2017	1140	0.89	1783	1085	0.8
1	2443	1333	1.28	2267	1261	1.1	2106	1226	1.01	1953	1198	0.94	1721	1143	0.83	1453	1088	0.74
1.2	2249	1339	1.2	2046	1273	1.05	1851	1239	0.95	1658	1203	0.87	1365	1148	0.77	1011	1090	0.67
1.4	2045	1355	1.14	1778	1289	0.99	1559	1251	0.89	1255	1207	0.79	933	1151	0.7			
1.6	1799	1366	1.08	1479	1302	0.93	1185	1261	0.82									

Standard Belt Drive — Down Shot



CPG060 High-Static, Belt Drive — Down Shot



AIRFLOW DATA — BELT DRIVE — 5-TONS (CONT.)

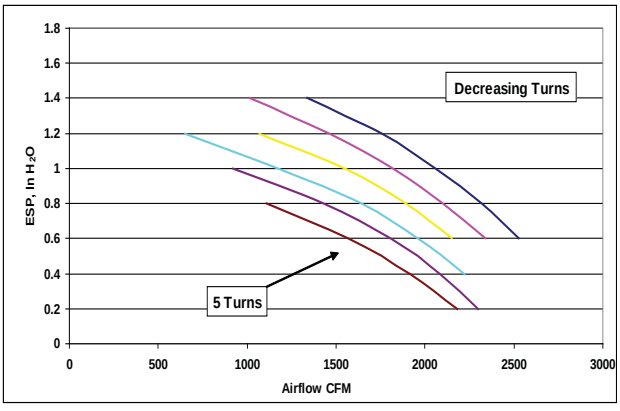
Standard Belt Drive — Horizontal

ESP, In H_2O	Turns Open																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.2													2,300	945	0.67	2,181	892	0.59
0.4										2,221	1,011	0.71	2,087	951	0.63	1,915	898	0.54
0.6	2,527	1,169	1.00	2,340	1,121	0.86	2,149	1,071	0.75	1,959	1,016	0.66	1,803	956	0.58	1,567	903	0.49
0.8	2,319	1,176	0.92	2,100	1,126	0.80	1,891	1,077	0.69	1,643	1,022	0.59	1,431	964	0.52	1,110	909	0.43
1	2,059	1,184	0.85	1,819	1,132	0.72	1,550	1,082	0.62	1,175	1,027	0.51	919	973	0.45			
1.2	1,760	1,192	0.77	1,464	1,140	0.64	1,069	1,088	0.53	651	1,030	0.44						
1.4	1,338	1,201	0.67	1,011	1,148	0.56												
1.6																		

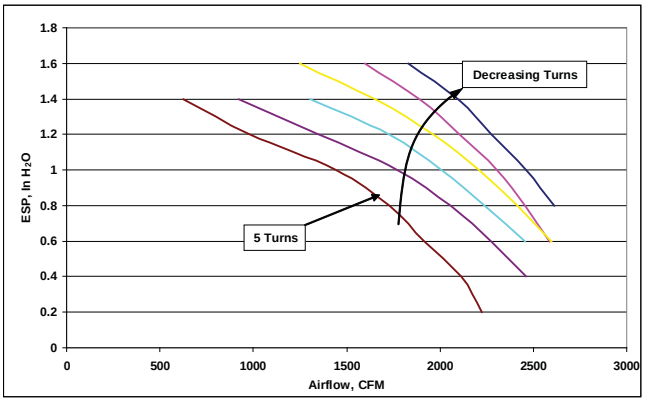
High-Static Belt Drive — Horizontal

ESP, In H_2O	Turns Open																	
	0			1			2			3			4			5		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.2																2,223	994	0.87
0.4													2,463	1,134	0.99	2,111	1,014	0.86
0.6				2,588	1,240	1.19	2,596	1,244	1.14	2,453	1,193	1.04	2,275	1,137	0.94	1,917	1,035	0.82
0.8	2,614	1,322	1.31	2,457	1,263	1.16	2,414	1,248	1.09	2,241	1,195	0.99	2,058	1,139	0.9	1,727	1,052	0.79
1	2,463	1,339	1.28	2,305	1,278	1.12	2,210	1,253	1.04	2,005	1,198	0.93	1,769	1,143	0.84	1,441	1,068	0.75
1.2	2,276	1,346	1.22	2,100	1,289	1.08	1,964	1,258	0.97	1,727	1,201	0.87	1,347	1,149	0.76	979	1,080	0.68
1.4	2,099	1,355	1.16	1,890	1,300	1.03	1,655	1,261	0.9	1,306	1,204	0.79	924	1,151	0.7	627	1,091	0.64
1.6	1,828	1,366	1.1	1,596	1,311	0.95	1,250	1,264	0.83									

Standard Belt Drive — Horizontal



High-Static, Belt Drive — Horizontal



EXPANDED COOLING DATA — 3-TONS

			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
70	1350	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	-	28.1	29.1	31.9	-
		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	-	0.85	0.71	0.49	-
		ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-
		Hi Pr	228	245	259	-	256	275	290	-	291	313	330	-	331	356	376	-	372	401	423	-	411	443	468	-
		Lo Pr	104	110	120	-	110	117	127	-	114	121	132	-	120	127	139	-	125	133	146	-	130	138	151	-
	1200	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	-	27.3	28.3	31.0	-
		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	-	0.81	0.68	0.47	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		Hi Pr	225	243	256	-	253	272	287	-	288	310	327	-	328	353	372	-	369	397	419	-	407	438	463	-
		Lo Pr	103	109	119	-	108	115	126	-	113	120	131	-	118	126	137	-	124	132	144	-	128	137	149	-
	1050	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	-	25.2	26.1	28.6	-
		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	-	0.78	0.66	0.45	-
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		Hi Pr	219	235	249	-	245	264	279	-	279	300	317	-	318	342	361	-	358	385	406	-	395	425	449	-
		Lo Pr	100	106	116	-	105	112	122	-	109	116	127	-	115	122	133	-	120	128	140	-	124	132	145	-
75	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
		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
	1200	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
		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
	1050	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 Shaded area reflects ACCA (TVA) conditions High and low pressures are measured at the liquid and suction service ports.
Design Superheat 7±2 °F, Design Subcooling 12 ±2 °F pressures measured @ the suction and liquid service ports, ARI 95 test conditions

			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
80	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
		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
		ΔT	22	21	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	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
		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
	1200	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
		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
		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
		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
		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
	1050	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
		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
		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
		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
		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
85	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
		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
		ΔT	24	24	22	19	24	24	22	19	23	24	23	19	23	23	23	20	22	22	22	19	20	21	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
		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
	1200	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
		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
		ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	24	20	24	24	23	20	22	22	22	19
		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
		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
	1050	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
		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
		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
		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
		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

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

EXPANDED COOLING DATA — 4-TONS

			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
70	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	-
		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	-
		ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	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	-
		HI PR	234	252	266	-	263	283	299	-	299	322	340	-	341	367	387	-	383	412	435	-	423	456	481	-
		LO PR	105	112	122	-	111	119	129	-	116	123	134	-	122	129	141	-	127	136	148	-	132	140	153	-
	1600	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	-
		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	-
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	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	-
		HI PR	232	250	264	-	260	280	296	-	296	319	336	-	337	363	383	-	379	408	431	-	419	451	476	-
		LO PR	104	111	121	-	110	117	128	-	115	122	133	-	120	128	140	-	126	134	147	-	131	139	152	-
	1400	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	-
		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	-
		ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-
		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	-
		HI PR	225	242	256	-	253	272	287	-	287	309	326	-	327	352	372	-	368	396	418	-	407	438	462	-
		LO PR	101	108	118	-	107	114	124	-	111	118	129	-	117	124	136	-	122	130	142	-	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

IDB = Entering Indoor Dry Bulb Temperature Shaded area reflects ACCA (TVA) conditions. High and low pressures are measured at the liquid and 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

			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
80	1800	MBh	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
		S/T	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
		ΔT	23	22	19	15	23	22	19	15	23	22	19	16	22	23	20	16	21	22	19	15	20	20	18	14
		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
		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
	1600	MBh	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
		S/T	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
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	**20**	16	23	23	20	16	21	22	19	15
		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**	4.19	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
	1400	MBh	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
		S/T	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
		ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	23	20	16	23	22	19	15
		kW	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
		HI 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
		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
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
		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
	1600	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
		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
	1400	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
		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

IDB = Entering Indoor Dry Bulb Temperature Shaded area reflects ARI Rating conditions. High and low pressures are measured at the liquid and 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 — 5-Tons

			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
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	-
		S/T	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.80	0.66	0.46	-	0.82	0.69	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
		ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
		kW	4.00	4.08	4.21	-	4.30	4.39	4.53	-	4.57	4.67	4.82	-	4.81	4.92	5.08	-	5.01	5.12	5.29	-	5.19	5.30	5.48	-
		Amps	10.5	10.8	11.1	-	11.4	11.6	12.0	-	12.3	12.6	13.0	-	13.1	13.5	13.9	-	14.0	14.3	14.8	-	14.8	15.1	15.6	-
		Hi Pr	244	263	277	-	274	295	311	-	311	335	354	-	355	382	403	-	399	429	453	-	441	474	501	-
		Lo Pr	105	112	122	-	111	118	129	-	116	123	134	-	122	129	141	-	127	135	148	-	132	140	153	-
	2050	MBh	56.7	58.8	64.4	-	55.4	57.4	62.9	-	54.1	56.0	61.4	-	52.7	54.7	59.9	-	50.1	51.9	56.9	-	46.4	48.1	52.7	-
		S/T	0.71	0.60	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	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		kW	3.97	4.05	4.18	-	4.27	4.36	4.50	-	4.54	4.63	4.78	-	4.77	4.88	5.03	-	4.97	5.08	5.25	-	5.14	5.26	5.43	-
		Amps	10.4	10.7	11.0	-	11.3	11.5	11.9	-	12.2	12.5	12.9	-	13.0	13.3	13.8	-	13.8	14.2	14.6	-	14.6	15.0	15.5	-
		Hi Pr	242	260	275	-	271	292	308	-	308	332	350	-	351	378	399	-	395	425	449	-	436	470	496	-
		Lo Pr	104	111	121	-	110	117	128	-	115	122	133	-	120	128	140	-	126	134	146	-	130	139	151	-
	1794	MBh	52.3	54.2	59.4	-	51.1	53.0	58.1	-	49.9	51.7	56.7	-	48.7	50.5	55.3	-	46.3	47.9	52.5	-	42.8	44.4	48.7	-
		S/T	0.69	0.57	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		kW	3.87	3.95	4.08	-	4.17	4.25	4.39	-	4.42	4.52	4.66	-	4.65	4.75	4.91	-	4.85	4.95	5.12	-	5.01	5.13	5.29	-
		Amps	10.2	10.4	10.7	-	11.0	11.2	11.6	-	11.9	12.2	12.6	-	12.7	13.0	13.4	-	13.5	13.8	14.2	-	14.2	14.6	15.1	-
		Hi Pr	234	252	266	-	263	283	299	-	299	322	340	-	341	367	387	-	383	412	435	-	423	456	481	-
		Lo Pr	101	108	118	-	107	114	124	-	111	118	129	-	117	124	136	-	122	130	142	-	127	135	147	-
75	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
	2050	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
		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
	1794	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
		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

IDB: Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction service valves.

Shaded area is ARI Rating Conditions

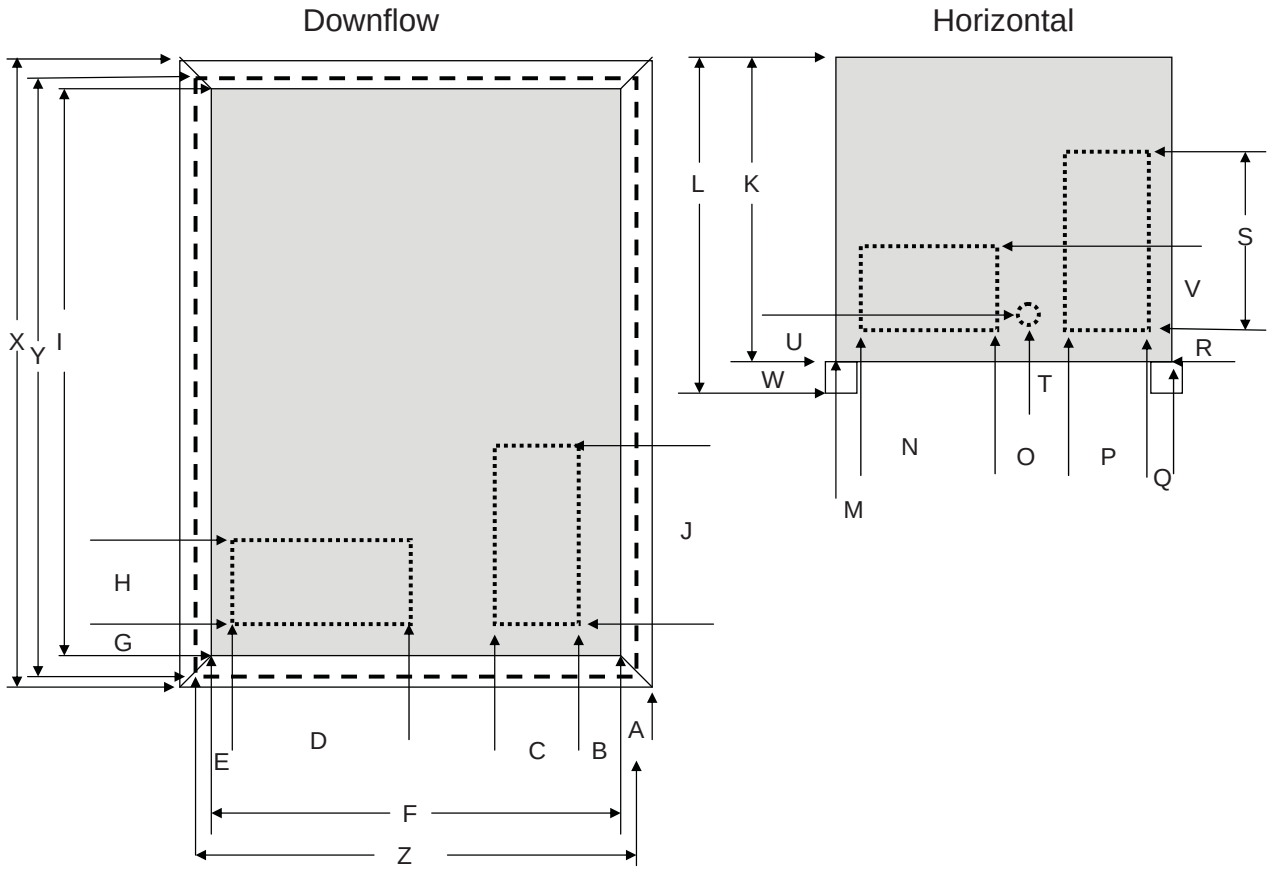
Design Super Heat 9 ±3 °F @ Suction Service port, ARI 95 test conditions

			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
80	2306	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
		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
	2050	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
		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
	1794	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
85	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
	2050	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
		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
	1794	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
		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

IDB: Entering Indoor Dry Bulb Temperature — Shaded area is ARI Rating Conditions

High and low pressures are measured at the liquid and suction service valves. — Design Super Heat 9 ±3 °F @ Suction Service port, ARI 95 test conditions

DIMENSIONS

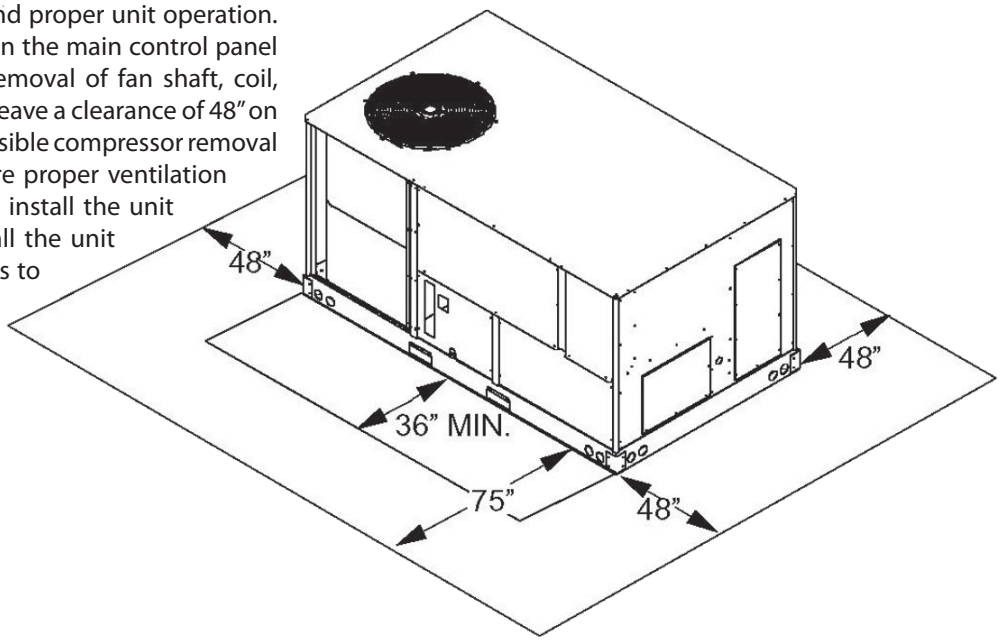


Point	Dimension (“)
A	3½
B	2⅝
C	11
D	17
E	4¾
F	41½
G	3
H	12
I	75⅛
J	25
K	36⅜
L	40⅞
M	7 1/16

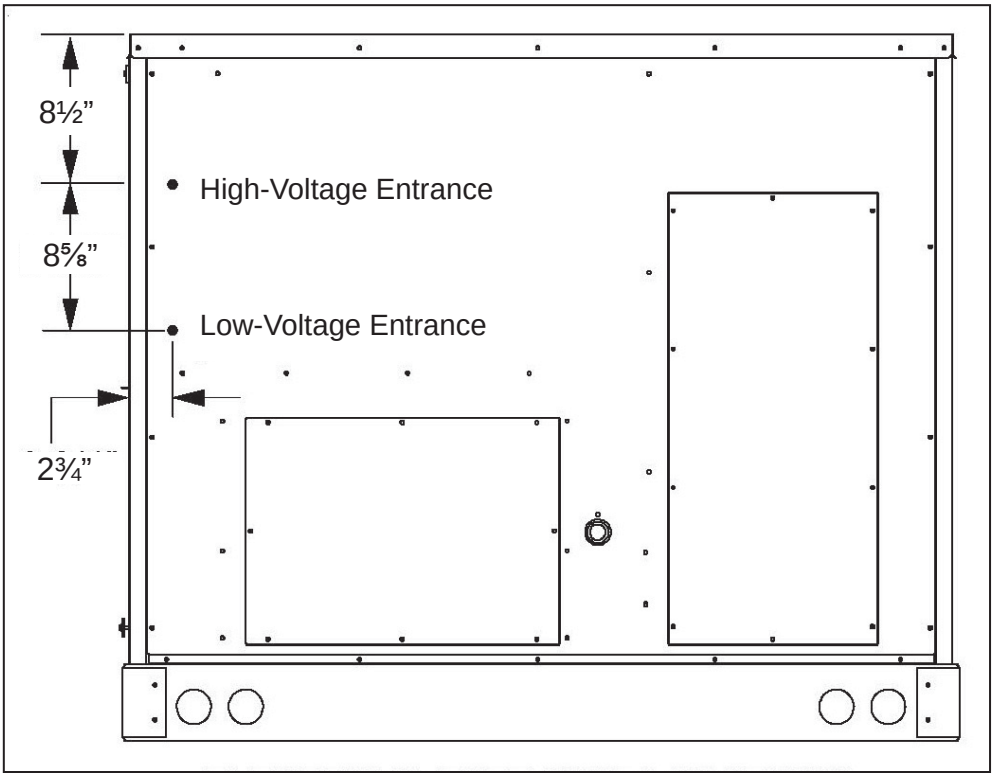
Point	Dimension (“)
N	17
O	7⅜
P	11
Q	4⅞
R	1¾
S	25
T	4½
U	7½
V	12
W	4½
X	82¼
Y	81¼
Z	47⅜

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.



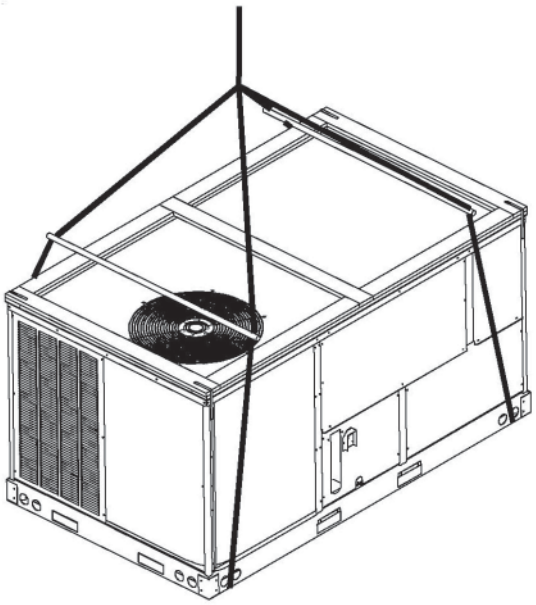
Electrical Entrance Locations



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.

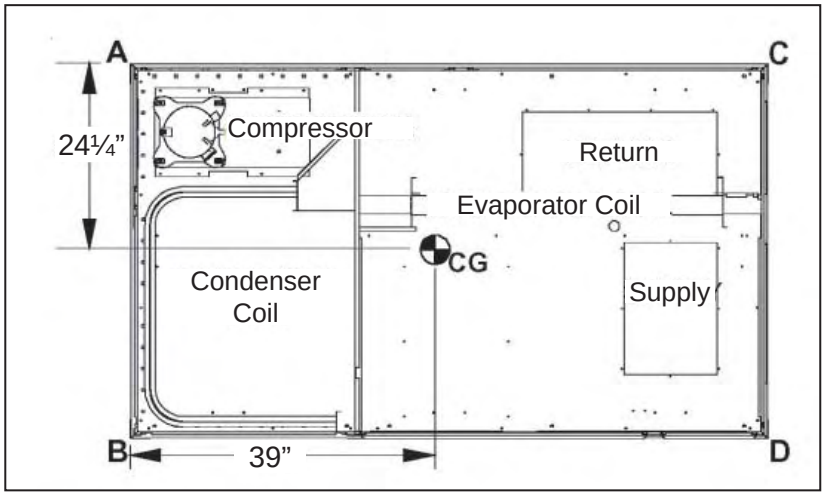


Important: If using bottom discharge with roof curb, duct-work should be attached to the curb prior to installing the unit. Duct-work dimensions are shown in Roof Curb Installation Instructions Manual.

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.



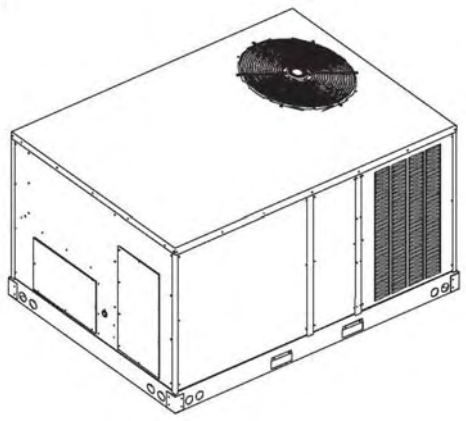
Corner & Center-of-Gravity Locations

To assist in determining rigging requirements, unit weights are shown to the right.

Note: These weights are calculated without accessories installed.

Unit Weights	3-Ton Weights (lbs)	4-Ton Weights (lbs)	5-Ton Weights (lbs)
Weight A	178	179	188
Weight B	183	184	187
Weight C	148	149	153
Weight D	151	153	155
Shipping Weight	680	685	700
Operating Weight	660	665	680

ROOF CURB INSTALLATION (CONT.)



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

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

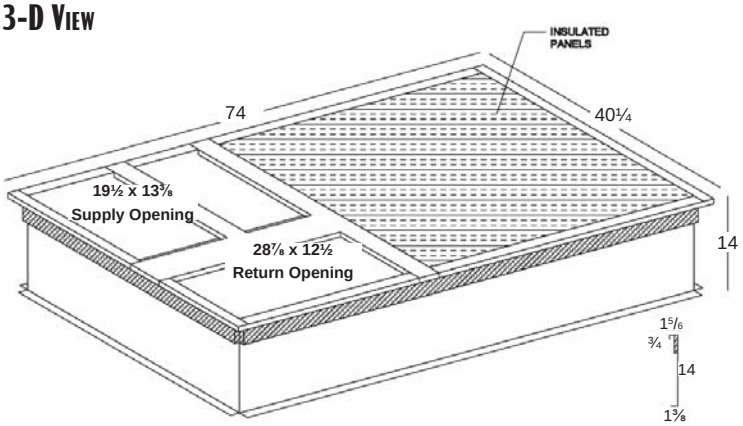
Full perimeter roof curbs are available from the factory and are shipped unassembled. The installing contractor is responsible for field assembly, squaring, leveling, and mounting on the roof structure. All required hardware necessary for the assembly of the sheet metal curb is included in the curb accessory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

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

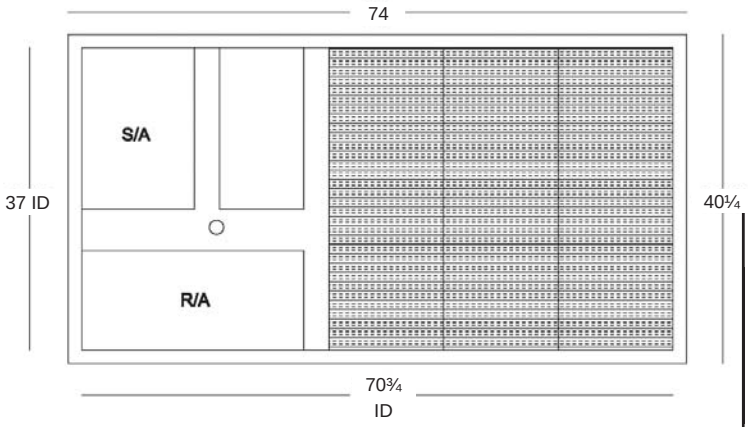
Note: The unit and curb accessories are designed to allow vertical duct installation before unit placement. Duct installation after unit placement is not recommended.

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

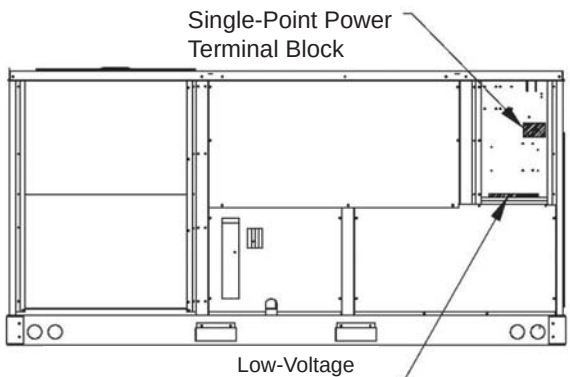
3-D VIEW



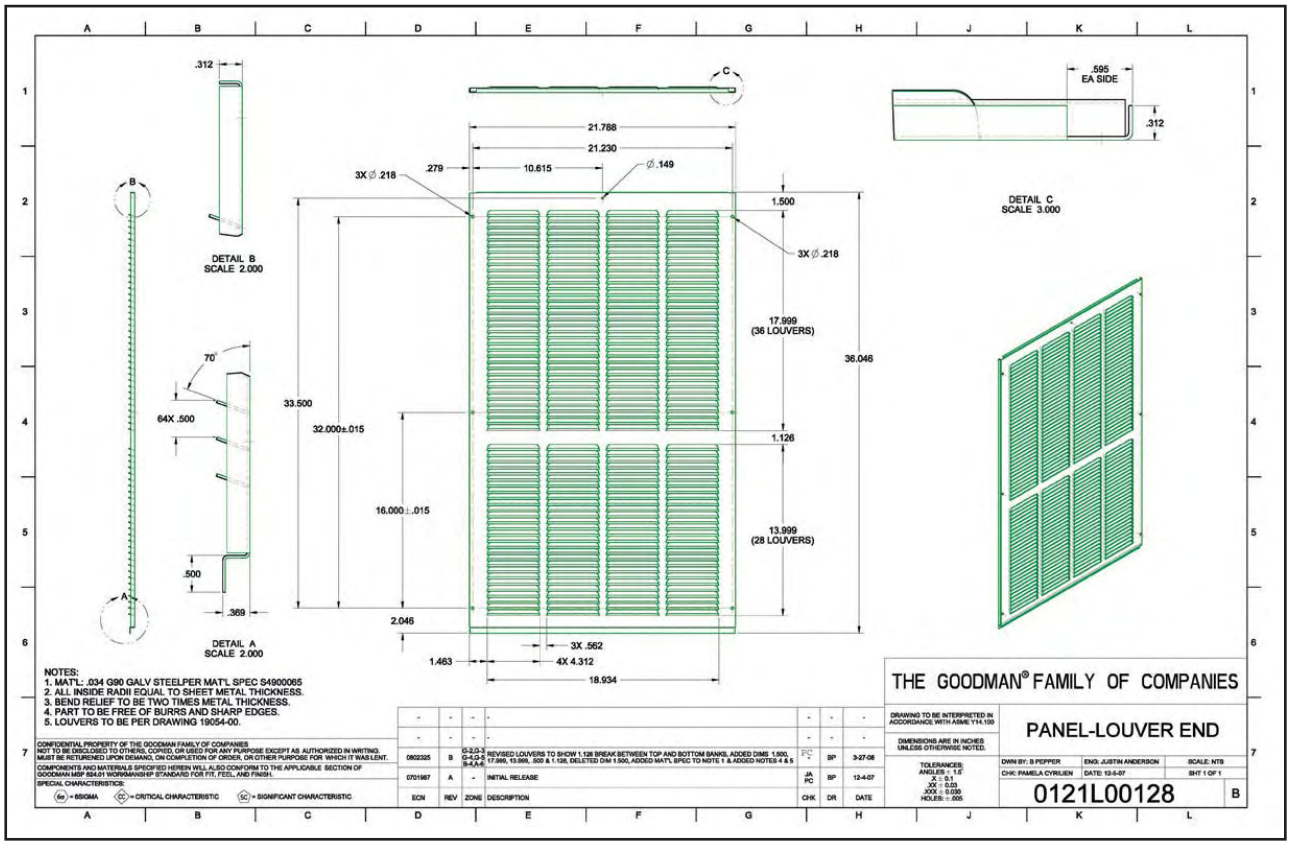
TOP VIEW

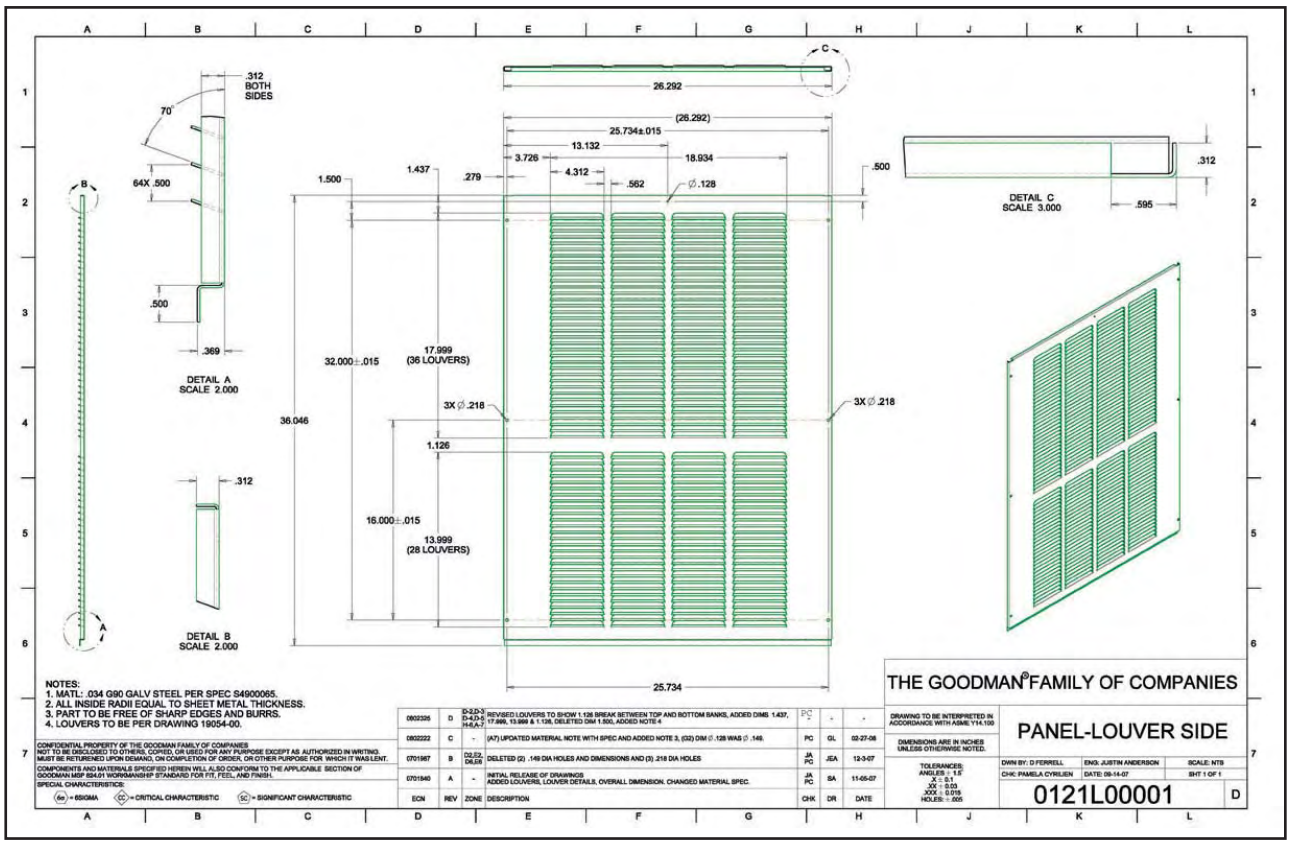


POWER AND LOW-VOLTAGE BLOCK LOCATIONS

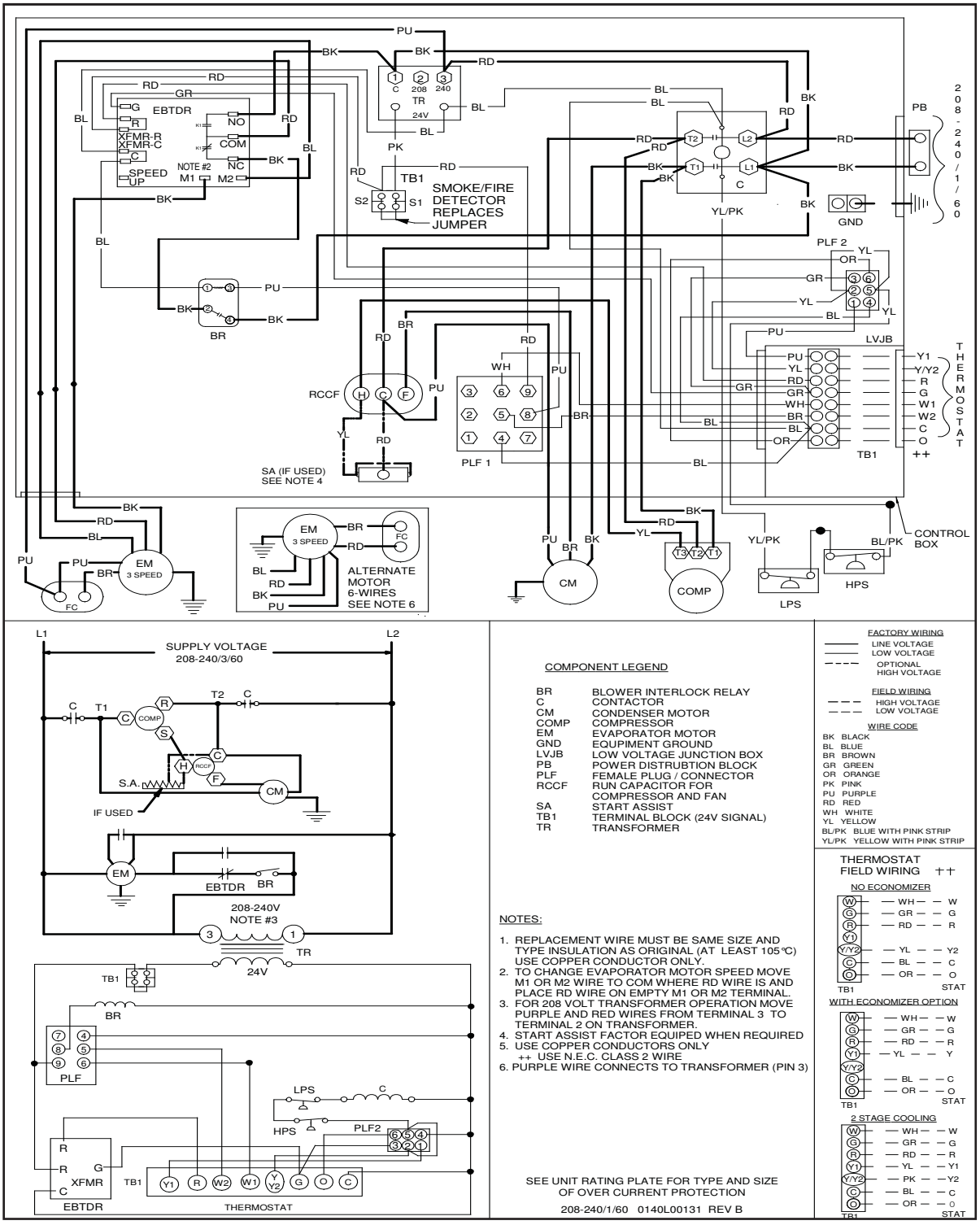


HAIL GUARD DIMENSIONS





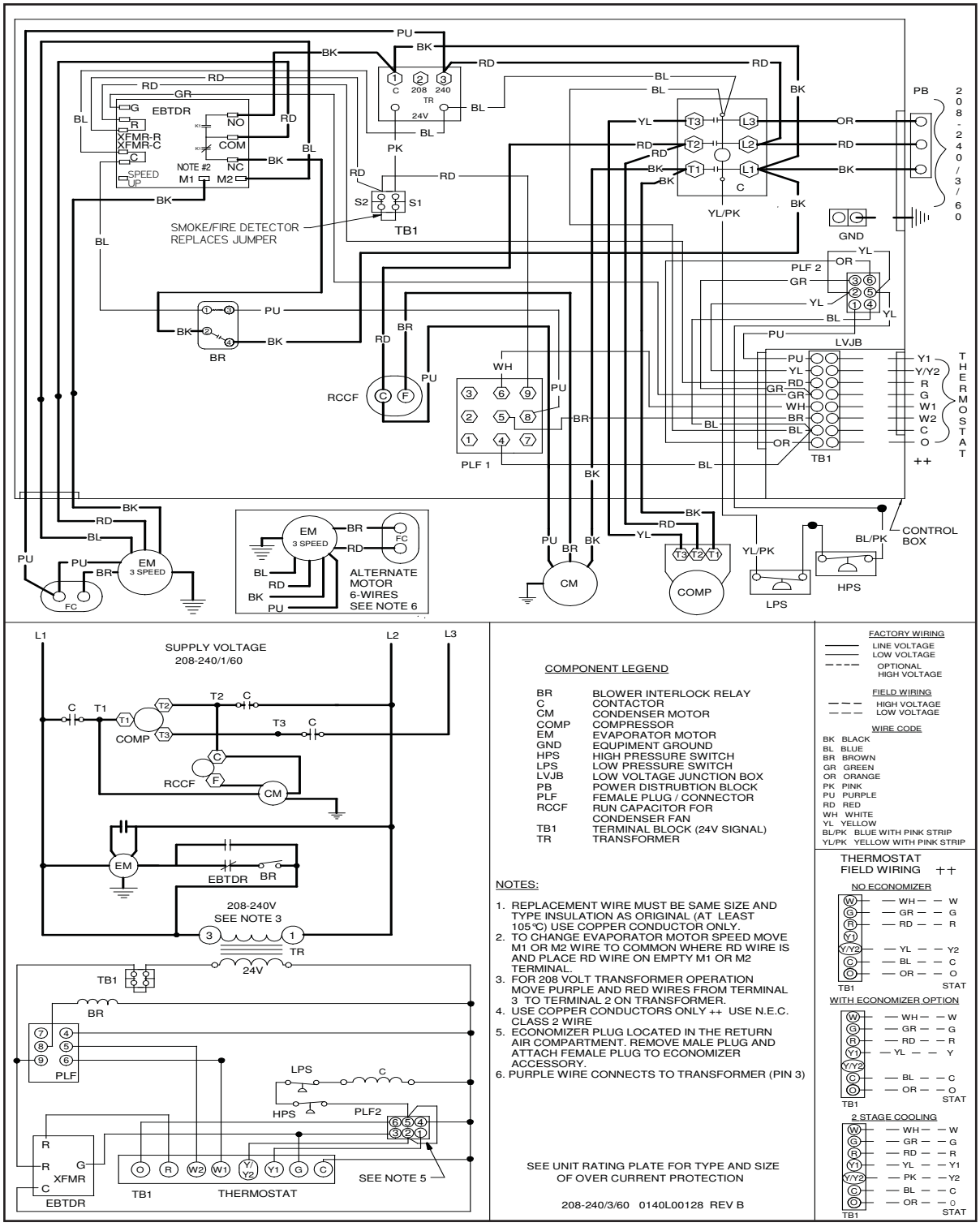
WIRING DIAGRAM — CPG036/48***1D*** (SINGLE-PHASE DIRECT DRIVE)



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

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

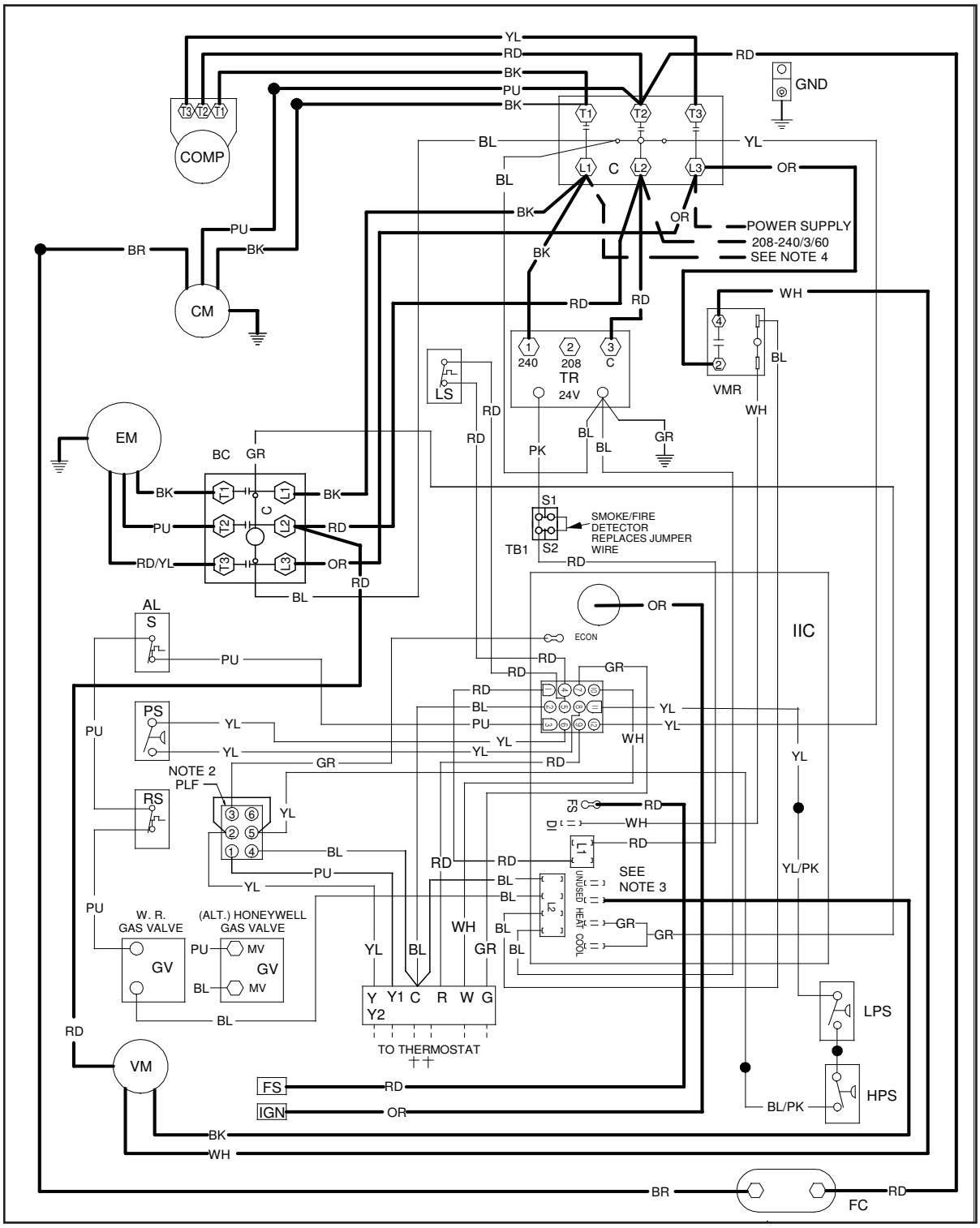
WIRING DIAGRAM — CPG036/48***3D*** (THREE-PHASE DIRECT DRIVE)



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

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

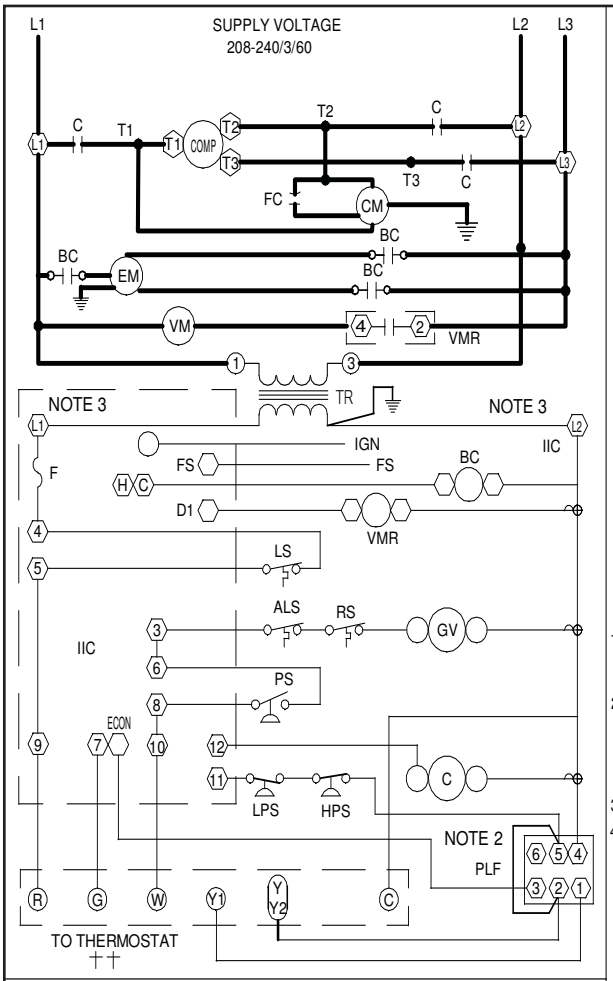
WIRING DIAGRAM — CPG036/48/60***3B*** (THREE-PHASE, BELT DRIVE)



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

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

WIRING DIAGRAM — CPG036/48/60***3B*** (THREE-PHASE, BELT DRIVE) CONT.



COMPONENT LEGEND

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

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

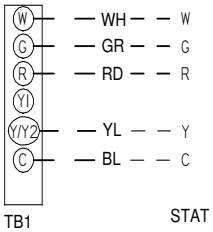
HIGH VOLTAGE
LOW VOLTAGE

WIRE CODE

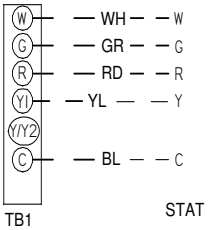
BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
OR	ORANGE
PK	PINK
PU	PURPLE
RD	RED
WH	WHITE
YL	YELLOW
BL/PK	BLUE WITH PINK STRIP
YL/PK	YELLOW WITH PINK STRIP

THERMOSTAT FIELD WIRING ++

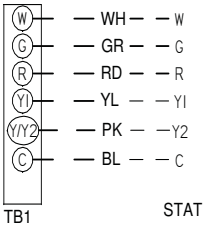
NO ECONOMIZER



WITH ECONOMIZER OPTION



2 STAGE COOLING



INSTALLER/SERVICEMAN

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

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

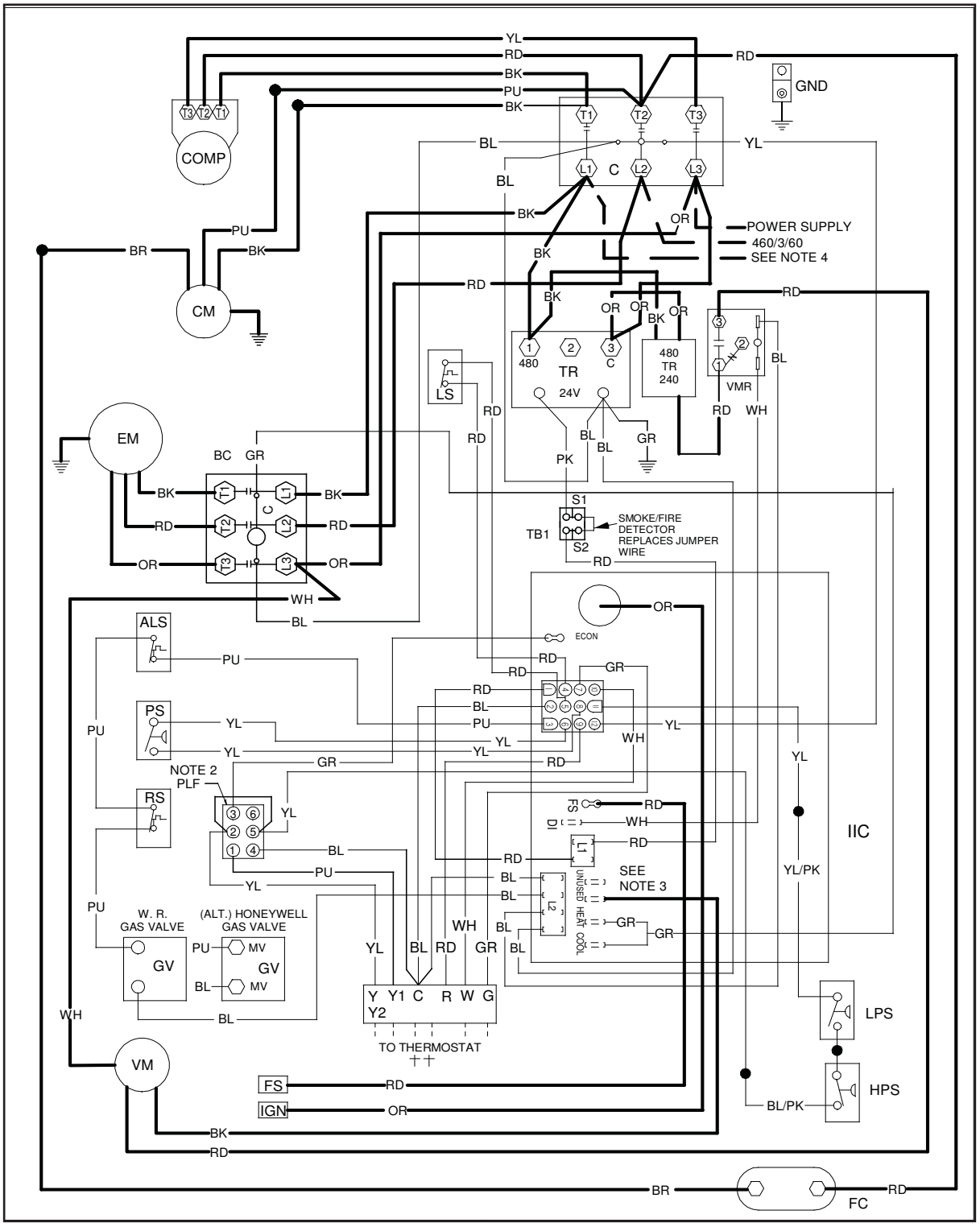
208-240/3/60 0140L00065 REV .D

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

WARNING

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

WIRING DIAGRAM — CPG036/48/60***4B/7B*** (460V/575V, BELT DRIVE)



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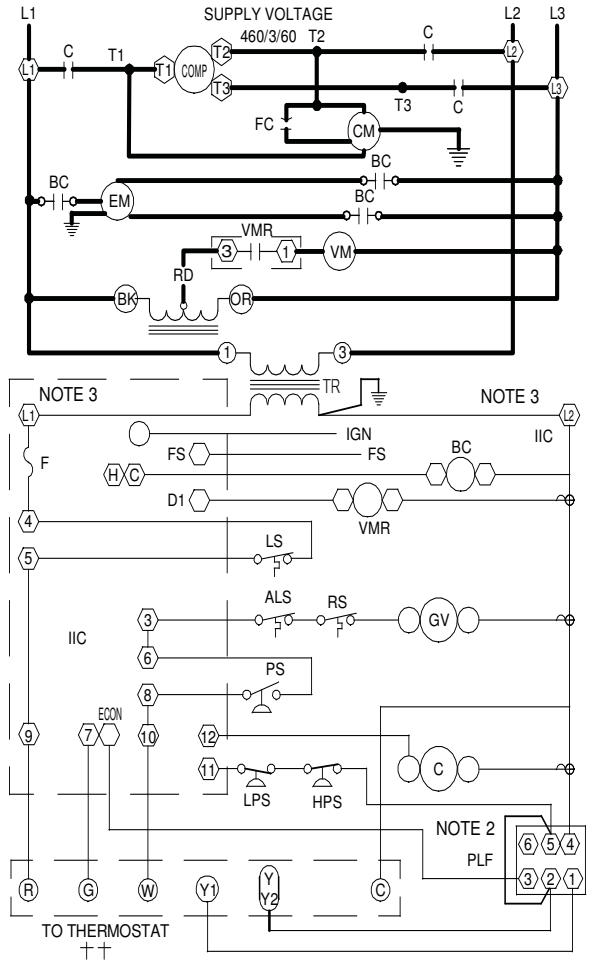
WIRING DIAGRAM — CPG036/48/60***4B/7B*** (460V/575V, BELT DRIVE) CONT.



COMPONENT LEGEND

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COMP	COMPRESSOR
CM	CONDENSER MOTOR
C	CONTACTOR
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++ USE NEC CLASS 2 WIRE.

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

FIELD WIRING
- HIGH VOLTAGE
- LOW VOLTAGE

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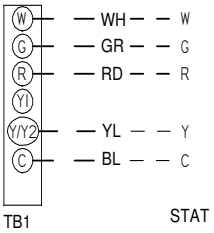
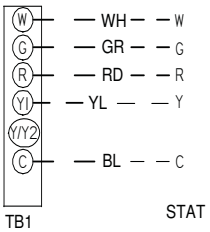
BL/PK	BLUE WITH PINK STRIP
YL/PK	YELLOW WITH PINK STRIP

THERMOSTAT FIELD WIRING ++

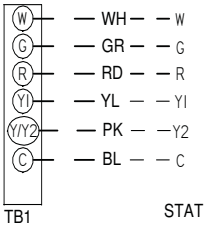
NO ECONOMIZER



WITH ECONOMIZER OPTION



2 STAGE COOLING



INSTALLER/SERVICEMAN

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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

460/3/60 0140L00019 REV D

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

WARNING

High Voltage:
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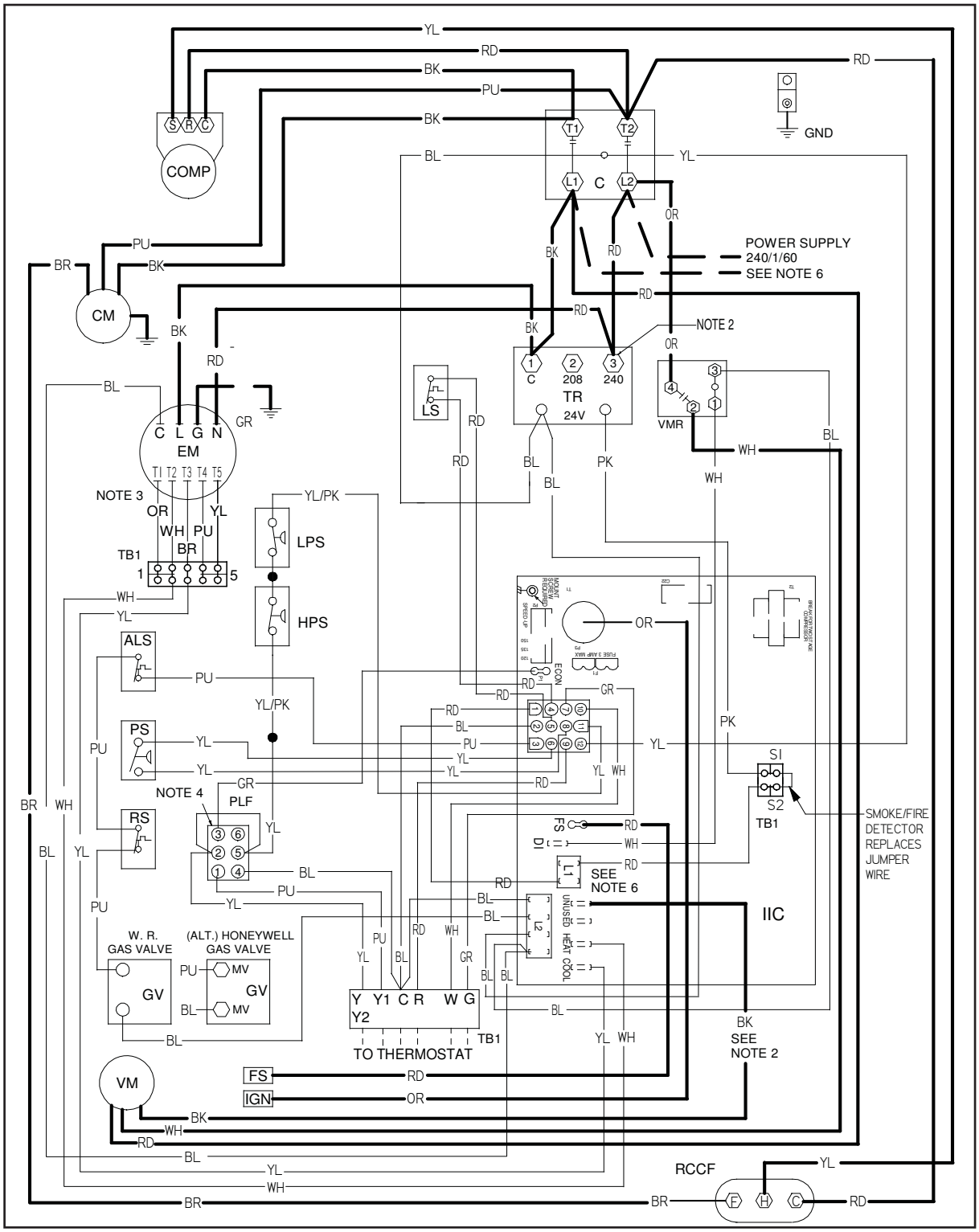
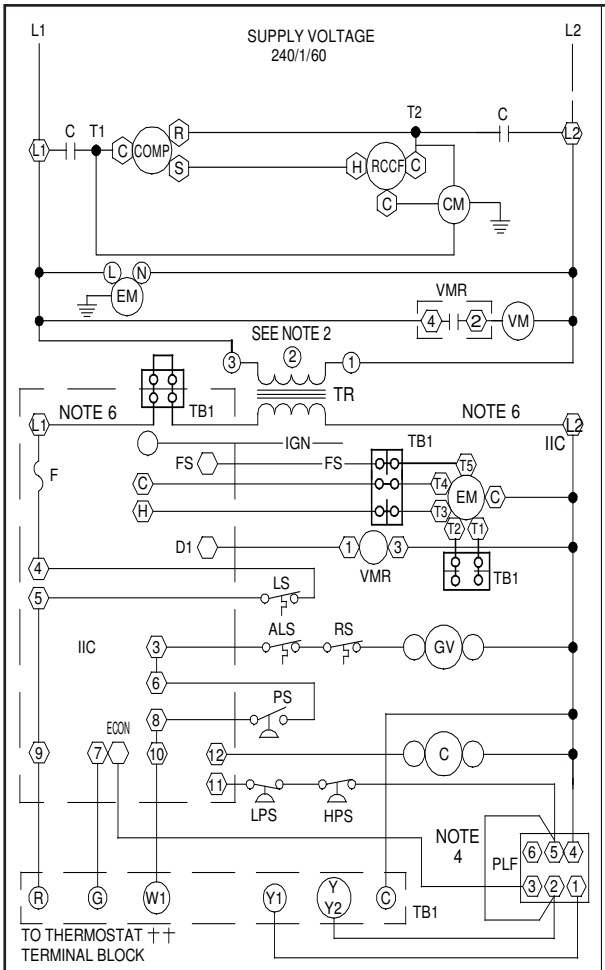
WIRING DIAGRAM — CPG060***1D*** (SINGLE-PHASE DIRECT DRIVE)



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

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

WIRING DIAGRAM — CPG060***1D*** (SINGLE-PHASE DIRECT DRIVE) CONT.



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	GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR FLAME ROLLOUT BAD SWITCH AUX. LIMIT OPEN
2 BLINKS	PRESSURE SWITCH OPEN	CHECK PRESSURE SWITCH
3 BLINKS	PRESSURE SWITCH CLOSED WITHOUT INDUCER ON	CHECK PRESSURE SWITCH
4 BLINKS	OPEN LIMIT SWITCH	MAIN LIMIT OPEN BAD SWITCH
5 BLINKS	FALSE FLAME SENSED	STICKING GAS VALVE
6 BLINKS	COMPRESSOR OUTPUT DELAY	3 MIN. COMP. ANTI-CYCLE TIMER

COMPONENT LEGEND

ALS	AUXILLARY 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

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, ALSO CHANGE RED WIRE TO BLACK WIRE FROM VENT MOTOR.
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.

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

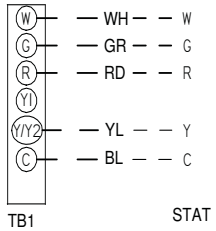
FIELD WIRING
- HIGH VOLTAGE
- LOW VOLTAGE

WIRE CODE

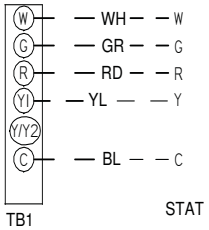
BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
OR	ORANGE
PK	PINK
PU	PURPLE
RD	RED
WH	WHITE
YL	YELLOW
BL/PK	BLUE WITH PINK STRIP
YL/PK	YELLOW WITH PINK STRIP

THERMOSTAT FIELD WIRING ++

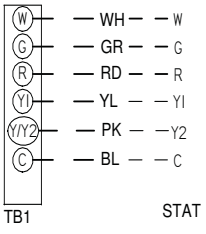
NO ECONOMIZER



WITH ECONOMIZER OPTION



2 STAGE COOLING



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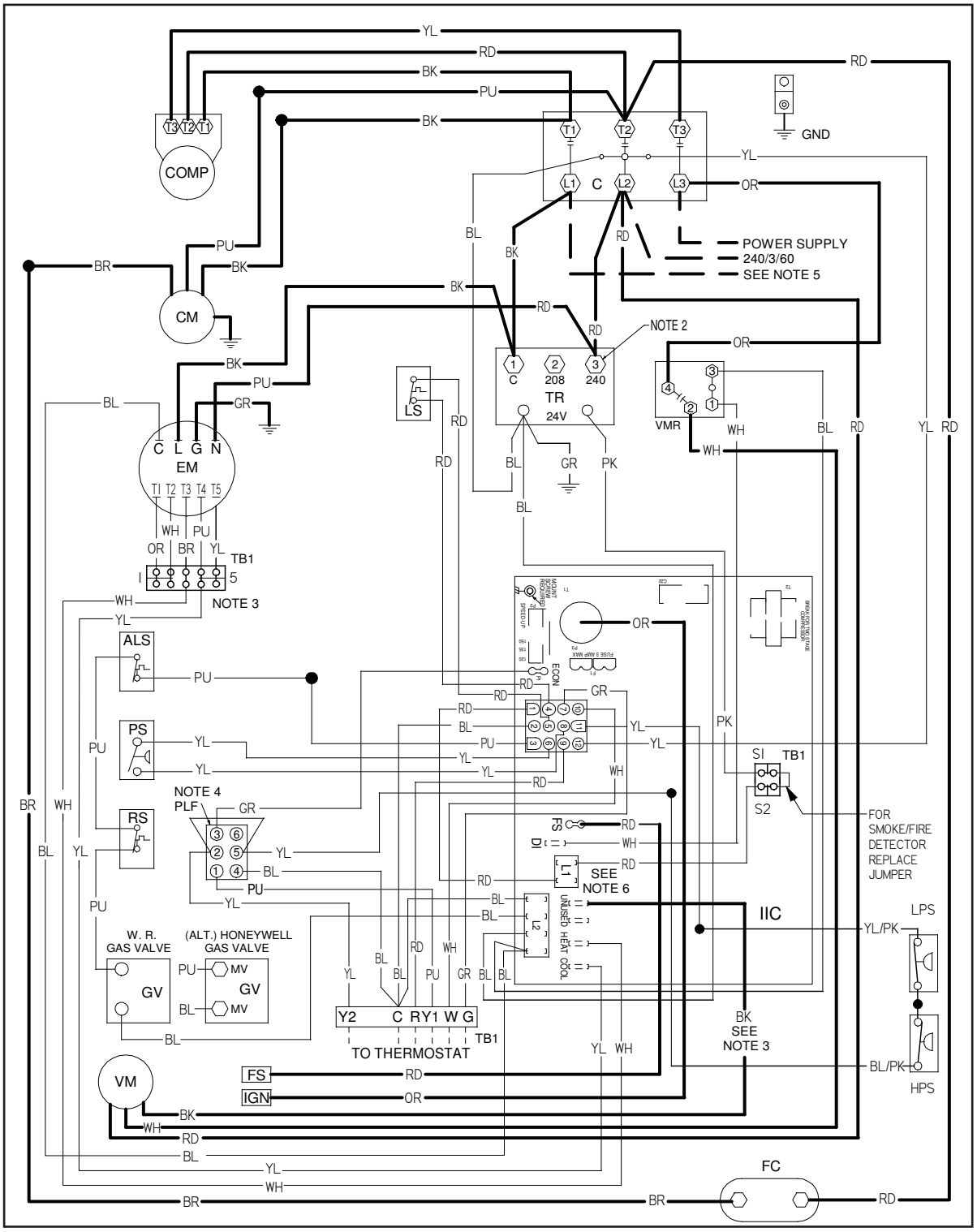

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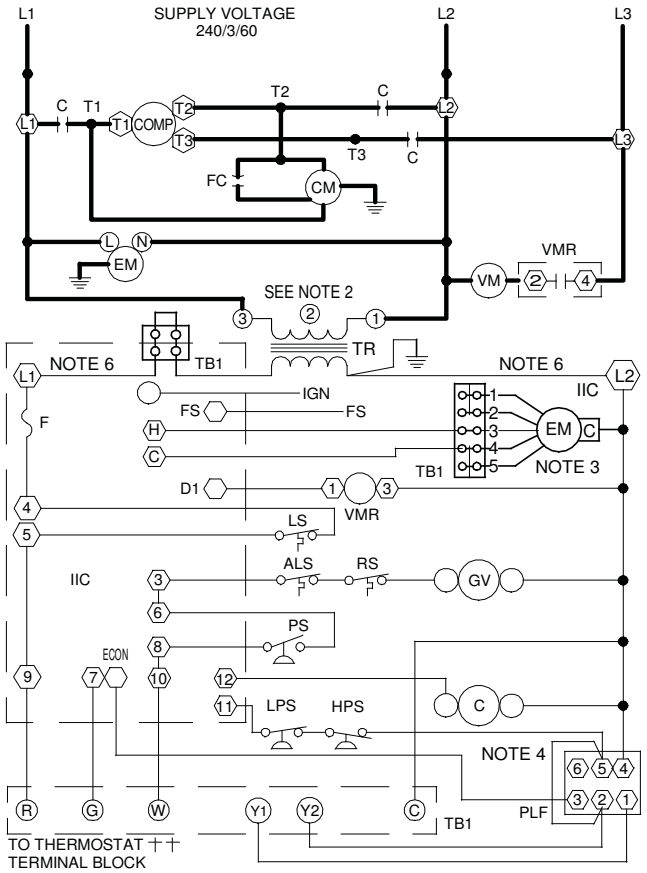
WIRING DIAGRAM — CPG060***3D*** (THREE-PHASE DIRECT DRIVE) CONT.



COMPONENT LEGEND

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COMP	COMPRESSOR
CM	CONDENSER MOTOR
C	CONTACTOR
EM	EVAPORATOR MOTOR
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230/3/60 0140L00013 REV D

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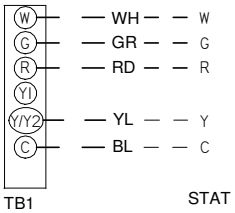
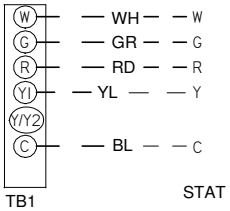


WITH ECONOMIZER OPTION



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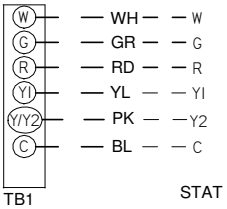

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Accessories

Item #	Description	Fits Model Sizes	Dimensions (“)	Ship Weight
14CURB3672	Roof Curb – 14” Tall	3-6 tons	16 x 6 x 76	119
25FD3672	25% Manual Fresh Air Damper	3-6 tons		11
25MFD3672	25% Motorized Fresh Air Damper	3-6 tons		12
CDK36	Concentric Duct Kit	3 tons	25 x 48 x 16	35
CDK4872	Concentric Duct Kit	4-6 tons	25 x 48 x 16	35
DNECONGS3672	Downflow Economizer for CPC/CPG	3-6 tons	32½ x 20½ x 38	75
DNECONHP3672	Downflow Economizer for CPH	3-6 tons	32½ x 20½ x 38	75
DNSQRRND36	Downflow Square-to-Round Adapter – 16” Round	3 tons		
DNSQRRND4872	Downflow Square-to-Round Adapter – 18” Round	4-6 tons		
HailGD01	Condenser Coil Hail Guard	3-6 tons	40 x 36 x 2	
HAKT36300	High-Altitude Kit	3-5 tons		
HZECONGS3672	Horizontal Economizer for CPC/CPG	3-6 tons		75
HZECONHP3672	Horizontal Economizer for CPH	3-6 tons		75
LPKT36150	LP Conversion Kit	All Models		

Notes