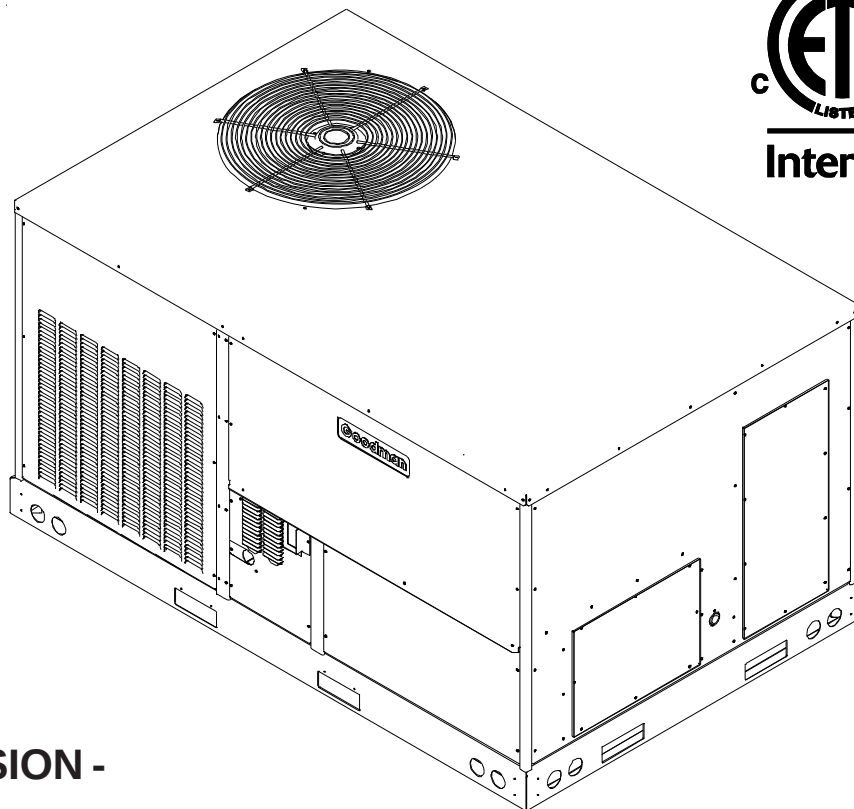




TECHNICAL MANUAL

CPG Package Gas Units 208-230V Single Phase, Multi-Position 3 - 5 Tons with R410A

- Refer to Service Manual RS6412001 for installation, operation, and troubleshooting information.
- All safety information must be followed as provided in the Service Manual.
- Refer to the appropriate Parts Catalog for part number information.
- Models listed on page 2.



- B REVISION -

This manual is to be used by qualified, professionally trained HVAC technicians only. Goodman does not assume any responsibility for property damage or personal injury due to improper service procedures performed by an unqualified person.

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RT6412005r9
November 2012

PRODUCT IDENTIFICATION

The model number is used for positive identification of component parts used in manufacturing. Please use this number when requesting service or parts information. *NOTE: All unit combinations are not listed below. Models where performance does not change are not listed individually.*

CPG0360451DX**B*

CPG0360901DX**B*

CPG0480901DX**B*

CPG0481151DX**B*

CPG0600901DX**B*

CPG0601401DX**B*

CPG0600901DX**C*

CPG0601401DX**C*

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.



WARNING

Goodman will not be responsible for any injury or property damage arising from improper service or service procedures. If you install or perform service on this unit, you assume responsibility for any personal injury or property damage which may result. Many jurisdictions require a license to install or service heating and air conditioning equipment.

WARNING

ONLY individuals meeting (at a minimum) the requirements of an "entry level technician" as specified by the Air-Conditioning, Heating, and Refrigeration Institute (AHRI) may use this information. Attempting to install or repair this unit without such background may result in product damage, personal injury or death.

WARNING

The United States Environmental Protection Agency ("EPA") has issued various regulations regarding the introduction and disposal of refrigerants introduced into this unit. Failure to follow these regulations may harm the environment and can lead to the imposition of substantial fines. These regulations may vary by jurisdiction. Should questions arise, contact your local EPA office.

WARNING

Do not connect or use any device that is not design certified by Goodman for use with this unit. Serious property damage, personal injury, reduced unit performance and/or hazardous conditions may result from the use of such non-approved devices.

WARNING

To prevent the risk of property damage, personal injury, or death, do not store combustible materials or use gasoline or other flammable liquids or vapors in the vicinity of this appliance.

PRODUCT IDENTIFICATION

	C	P	C	072	015	3	B	X	X	X	
	1	2	3	4, 5, 6	7, 8, 9	10	11	12	13	14	
Brand											Factory-Installed Options
C Commercial											X No Options
Configuration											A Non-powered convenience outlet
P Packaged Unit											B Powered convenience outlet
Application											C Low Ambient Kit
C Cooling											D Return air smoke detector
G Gas Heat											E Supply air smoke detector
H Heat Pump											F Non-powered convenience outlet; Low Ambient Kit
Nominal Gross Cooling Capacity											G Non-powered convenience outlet; Return air smoke detector
036 3 Tons 102 8½ Tons											H Non-powered convenience outlet; Supply air smoke detector
048 4 Tons 120 10 Tons											J Non-powered convenience outlet; Return & Supply air smoke detector
060 5 Tons 150 12½ Tons											K Non-powered convenience outlet; Low-ambient kit; Supply air smoke detector
072 6 Tons 180 15 Tons											L Non-powered convenience outlet; Low Ambient Kit; Return & Supply air smoke detector
090 7½ Tons 240 20 Tons											M Powered convenience outlet; Low Ambient Kit
Nominal Heating Capacity											N Powered convenience outlet; Return air smoke detector
CPCG											P Powered convenience outlet; Supply air smoke detector
045 45,000 BTU/h XXX No Heat											Q Powered convenience outlet; Low Ambient Kit; Return air smoke detector
070 70,000 BTU/h 010 10 kW 030 30 kW											R Powered convenience outlet; Low Ambient Kit; Supply air smoke detector
090 90,000 BTU/h 015 15 kW 031 30 kW											T Powered convenience outlet; Low Ambient Kit; Return & Supply air smoke detector
115 115,000 BTU/h 016 15 kW 045 45 kW											V Low Ambient Kit; Return air smoke detector
140 140,000 BTU/h 018 18 kW 046 46 kW											W Low Ambient Kit; Return & Supply air smoke detector
210 210,000 BTU/h 020 20 kW 060 60 kW											Y Low Ambient Kit; Return & Supply air smoke detector
350 350,000 BTU/h 025 25 kW 075 75 kW											Z Return & Supply air smoke detector
400 400,000 BTU/h											
Voltage											
1 208V 1-Phase 4 460V 3-Phase											
2 220/240V 1-Phase 50 Hz 5 380/415V 3-Phase 50 Hz											
3 208v 3-Phase 7 575V 3-Phase											
Supply Fan/Drive Type/Motors											
B Belt Drive											
D Direct Drive											
H High-Static Belt Drive (Factory-Installed)											
Factory-Installed Options											Factory-Installed Options
X No Options											X Standard Aluminized Heat Exchanger
A Downflow Economizer											A Condenser Coil Hail Guard
B Downflow Economizer / High Altitude Kit											B Condenser Coil Hail Guard Treated Condenser Coil (UltraGold)
C Downflow Economizer / High Altitude Kit LP Conversion Kit											C Condenser Coil Hail Guard Stainless Steel Heat Exchanger
D Downflow Economizer / LP Conversion Kit											D Condenser Coil Hail Guard Treated Condenser Coil (UltraGold) Stainless Steel Heat Exchanger
E High Altitude Kit											J Treated Condenser Coil (UltraGold)
F High Altitude Kit / LP Conversion Kit											S Stainless Steel Heat Exchanger
G LP Conversion Kit											T Treated Condenser Coil (UltraGold) Stainless Steel Heat Exchanger
H Disconnect Switch (non-fused)											
J = A + H											
K = B + H											
L = C + H											
M = D + H											
N = E + H											
O = F + H											
P = G + H											

PRODUCT DESIGN

CPG Light Commercial Package Gas Units are designed for outdoor installations only, primarily in light commercial applications and are available in 208/230v single phase, 208/230v three phase, 460v three phase and 575v three phase in 3 thru 5 ton sizes.

The connecting ductwork (Supply and Return) can be connected for either horizontal or vertical airflow. In the vertical application, a matching Roof Curb is recommended.

Filters are factory supplied in the return air compartment upstream from the indoor coil. The minimum filter area should not be less than those sizes listed in the Specification Section. Under no circumstances should the unit be operated without return air filters.

A 3/4" pipe is provided for removal of condensate water from the indoor coil. (Do not reduce the drain line size).

Refrigerant flow control is achieved by use of flowrator.

CPG13 units use the FasTest Access Fitting System which consists of a saddle that is either soldered to the suction and liquid lines or is fastened with a locking nut to the access fitting box (core) and then screwed into the saddle. **NOTE: The core must not be removed from the saddle until the refrigerant charge has been removed. Failure to do so could result in property damage or personal injury.**

CPG060XXX1D units have EEM indoor blower motors that are energized by a 24V signal from the thermostat and are constant torque motors with very low power consumption. The EEM motor features an integral control module.

Air for condensing (cooling cycle) is drawn through the outdoor coil by a propeller fan, and is discharged vertically out the top of the unit. The outdoor coil is designed for .0 static. No additional restriction (ductwork) shall be applied.

Conditioned air is drawn through the filters, across the coil and back into the conditioned space by the indoor blower.

CPG series package units use the Compliant Scroll compressor; there are a number of design characteristics which are different from the traditional reciprocating compressor.

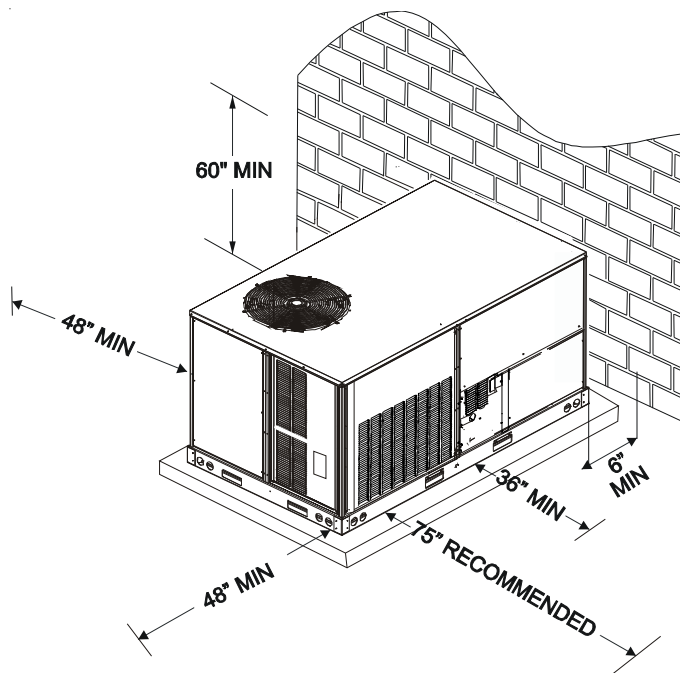
- Due to their design Scroll compressors are inherently more tolerant of liquid refrigerant. **NOTE:** Even though the compressor section of a Scroll compressor is more tolerant of liquid refrigerant, continued flood back or flooded start conditions may wash oil from the bearing surfaces causing premature bearing failure.

- These Scroll compressors use "POE" or polyolester oil which is NOT compatible with mineral oil based lubricants like 3GS. "POE" oil must be used if additional oil is required.

- Compliant scroll compressors perform "quiet" shutdowns that allow the compressor to restart immediately without the need for a time delay. This compressor will restart even if the system has not equalized.

- Operating pressures and amp draws may differ from standard reciprocating compressors. This information may be found in the "Cooling Performance Data" section.

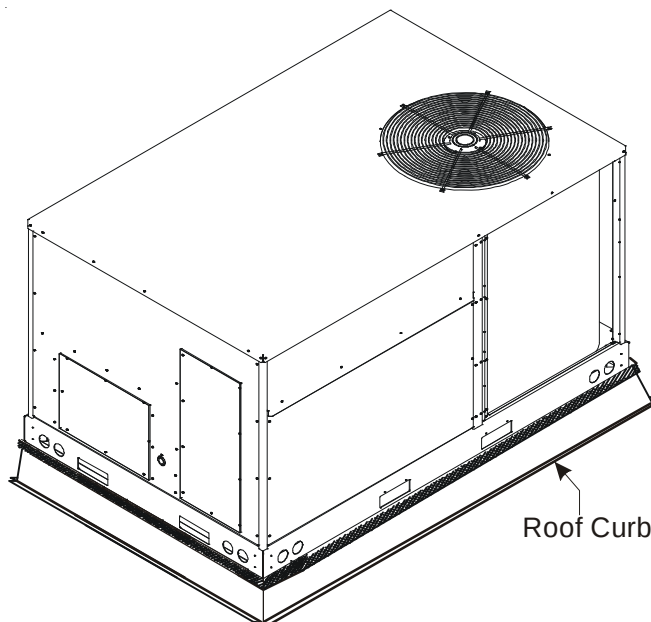
Location and Clearances



Outside Slab - Multi-positional

NOTE: A clearance of 48" is recommended on all sides of the unit and 75" total clearance is recommended on the main control panel side to facilitate possible fan shaft, coil, electric heat and gas furnace removal. See figure above.

Roof overhang should be no more than 36" and provisions made to deflect the warm discharge air out from the overhang. Minimum clearances are required to avoid air recirculation and keep the unit operating at peak efficiency.



Rooftop Installation - Multi-positional

PRODUCT DESIGN

In installations where the unit is installed above ground level and not serviceable from the ground (Example: Roof Top installations) the installer must provide service platform for service person with rails or guards in accordance with local codes or ordinances or in their absence with the latest edition of the National Fuel Gas Code ANSI Z223.1.

NOTE: Unit can also use roof curb (and platform for leveling, where necessary) to utilize bottom discharge.

WARNING

To prevent possible property damage, the unit should remain in an upright position during all rigging and moving operations. To facilitate lifting and moving if a crane is used, place the unit in an adequate cable sling.

IMPORTANT: If using bottom discharge with roof curb, ductwork should be attached to the curb prior to installing the unit.

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

NOTE: The roof curb must be level front to back and side to side.

Corner & Center of Gravity Locations

NOTES:

1. Weights are for belt drive gas unit; no options.
2. Centers of gravity weights are for belt drive gas units without options.

Provisions for forks have been included in the unit base frame on three sides. If unit is moved by forklift, no other fork locations are approved.

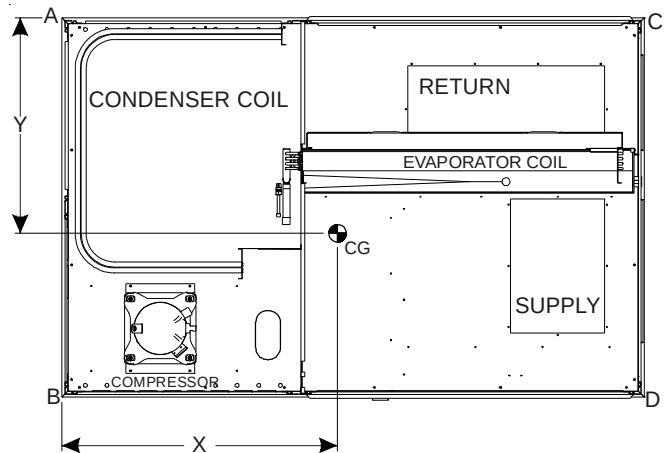
CAUTION

If units are lifted two at a time, the fork holes on the condenser end of the unit must NOT be used. Minimum fork length is 42" to prevent damage to the unit; however, 48" is recommended.

3 - 5 TONS

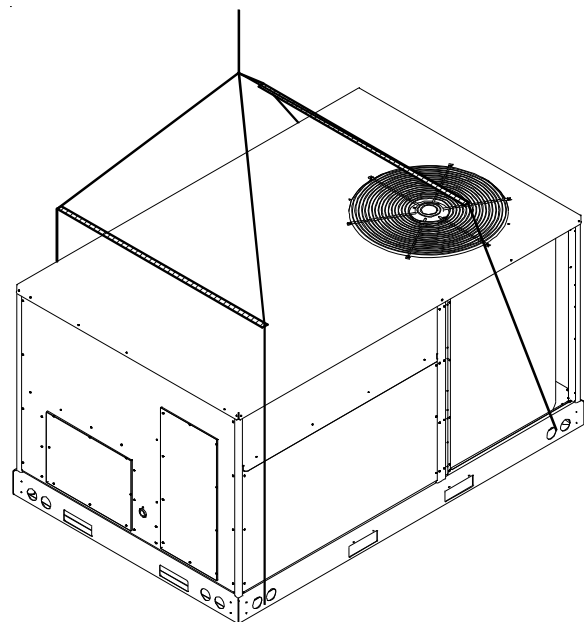
CPG***XX*XXX - CORNER WEIGHTS						
Model	A	B	C	D	X	Y
CPG036045*	100	165	100	165	37	30
CPG036090*	100	170	100	170	37	30
CPG048090*	110	180	110	180	37	30
CPG048115*	110	180	110	180	37	30
CPG060090*	115	190	120	195	37	30
CPG060140*	120	195	120	195	37	30

Weights are shown in pounds (Columns A-D).
Columns X & Y are shown in inches.



CENTER OF GRAVITY - 3 - 5 TONS

Rigging Information



1. Unit must be lifted by the four lifting holes located at the base frame corners.
2. Lifting cables should be attached to the unit with shackles.
3. The distance between the crane hook and the top of the unit must not be less than 60".
4. Two spreader bars must span over the unit to prevent damage to the cabinet by the lift cables. Spreader bars must be of sufficient length so that cables do not come in contact with the unit during transport. Remove wood struts mounted beneath unit base frame before setting unit on roof curb. These struts are intended to protect unit base frame from forklift damage. Removal is accomplished by extracting the sheet metal retainers and pulling the struts through the base of the unit. Refer to rigging label on the unit.

PRODUCT DESIGN



CAUTION

To prevent severe damage to the bottom of the unit, do not forklift unit after wood struts have been removed.

High Altitude Derate - U.S. Installations Only

IMPORTANT NOTE: The gas/electric units naturally derate with altitude. Do not attempt to increase the firing rate by changing orifices or increasing the manifold pressure. This can cause poor combustion and equipment failure. At all altitudes, the manifold pressure must be within 0.3 inches W.C. of that listed on the nameplate for the fuel used. At all altitudes and with either fuel, the air temperature rise must be within the range listed on the unit nameplate. Refer to the Installation Manual provided with the LP kit for conversion from natural gas to propane gas and for altitude adjustments.

When this package unit is installed at high altitude, the appropriate High Altitude orifice kit may be installed. As altitude increases, there is a natural reduction in the density of both the gas fuel and combustion air. This kit will provide the proper design certified input rate within the specified altitude range. High altitude kits are not approved for use in Canada. For installations above 2,000 feet, use kit HA-02. The HA-02 kit is used for both Natural and LP gas at high altitudes.

For CPG036045, use LPT-00A propane conversion kit for propane conversions at altitudes below 2000 feet. Natural gas installations below 2000 feet do not require a kit. For other BA revisions on 3, 4 and 5 ton models, use LPM-05.

For propane conversion above 2000 feet, high altitude kit HA-02 is required in addition to propane conversion kit LPT-00A or LPM-05.

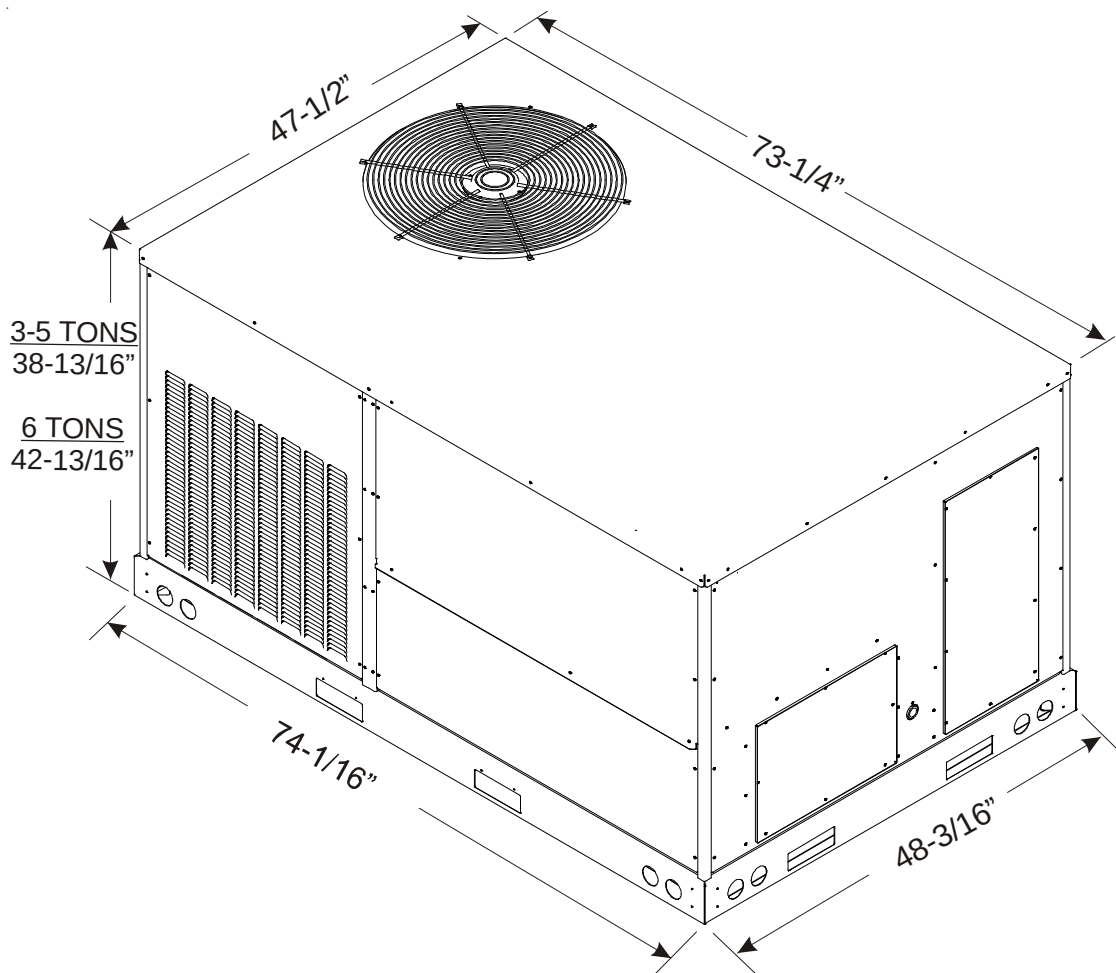
INPUT/BURNER	HIGH ALTITUDE KIT	20,000 BTUH NAT/20,000 BTUH/L.P.							
		ELEVATION ABOVE SEA-LEVEL (FEET)							
		2000	3000	4000	4500	5000	6000	7000	8000
U.S. BURNER ORIFICE	HA-02	45/55	47/55	47/56	-	47/56	48/57	48/58	49/58
CANADA BURNER ORIFICE		45/55	-	-	48/57	-	-	-	-

INPUT/BURNER	HIGH ALTITUDE KIT	22,500 BTUH NAT/20,000 BTUH/L.P.							
		ELEVATION ABOVE SEA-LEVEL (FEET)							
		2000	3000	4000	4500	5000	6000	7000	8000
U.S. BURNER ORIFICE	HA-02	44/55	44/55	45/56	-	45/56	46/57	47/58	47/58
CANADA BURNER ORIFICE		44/55	-	-	47/57	-	-	-	-

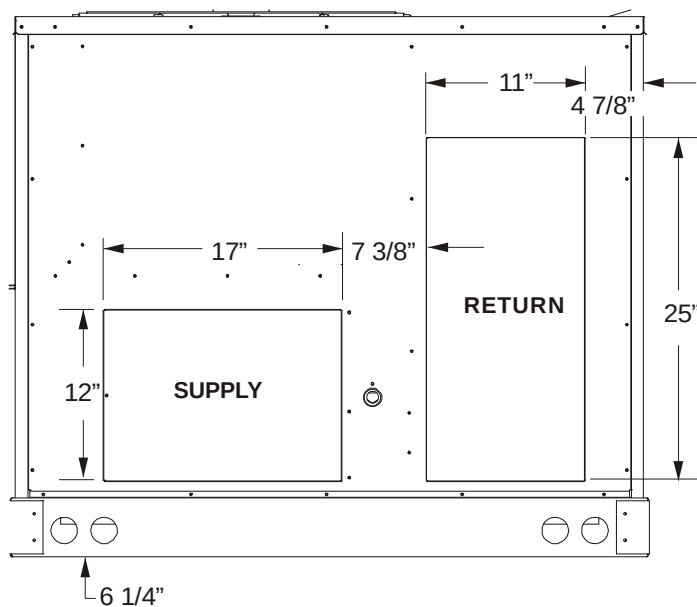
INPUT/BURNER	HIGH ALTITUDE KIT	25,000 BTUH NAT/20,000 BTUH/L.P.							
		ELEVATION ABOVE SEA-LEVEL (FEET)							
		2000	3000	4000	4500	5000	6000	7000	8000
U.S. BURNER ORIFICE	HA-02	43/55	43/55	44/56	-	44/56	44/56	45/57	45/57
CANADA BURNER ORIFICE		43/55	-	-	46/57	-	-	-	-

PRODUCT DIMENSIONS

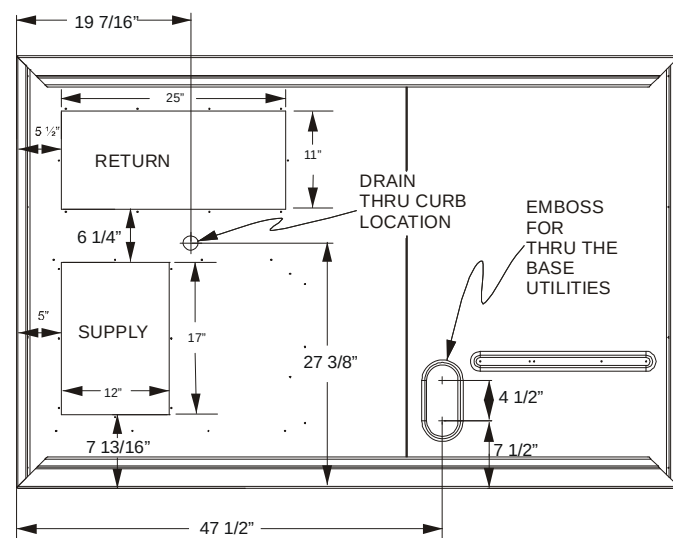
CPG[036-060]XXX1DXXXB*



HORIZONTAL DISCHARGE



VERTICAL DISCHARGE



BOTTOM VIEW OF UNIT

For horizontal discharge, remove the supply and return duct covers and place them over the vertical discharge return and supply openings. Install with insulation facing up, using the longer screws provided in the literature package.

PACKAGE GAS SPECIFICATIONS

CPG036XXX1DXXXB*

		CPG0360451DX*XB*	CPG0360901DX*XB*
COOLING CAPACITY	COOLING CAPACITY, BTUH	34,600	34,600
	SEER/EER	13/11.0	13/11.0
HEATING CAPACITY	HIGH HEATING INPUT / OUTPUT BTUH	46,000 / 36,800	92,000 / 74,000
	LOW HEATING INPUT / OUTPUT BTUH	---	69,000 / 55,200
	STEADY STATE EFFICIENCY	80	80
	TEMPERATURE RISE (°F) HI/LOW	25 - 55	40 - 70 / 30 - 60
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60
	UNIT AMPS (TOTAL)	20.6	20.6
	MINIMUM CIRCUIT AMPACITY	25	25
	MAXIMUM OVERCURRENT PROTECTION ⁽²⁾	40	40
HEATING SECTION	NUMBER OF BURNERS	2	4
	ORIFICE SIZE NATURAL	43	43
	ORIFICE SIZE LP	55	55
	PRESSURE SWITCH SETTING	0.34	0.34
COMPRESSOR	TYPE	SCROLL	SCROLL
	RATED LOAD AMPS	16.7	16.7
	LOCKED ROTOR AMPS	79	79
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4
	RPM	1090	1090
	RATED LOAD AMPS	1.40	1.40
	LOCKED ROTOR AMPS	2.9	2.9
CONDENSER FAN	BLADE DIAMETER(") / # OF BLADES	22/4	22/4
	NOMINAL CFM	3,800	3,800
CONDENSER COIL	FACE AREA - SQ. FT.	17	17
	NUMBER OF ROWS	1	1
	FINS PER INCH	24	24
EVAPORATOR BLOWER MOTOR	HORSEPOWER - TYPE	1/3 - DIRECT DRIVE	1/3 - DIRECT DRIVE
	NO. OF SPEEDS	PSC - 3	PSC - 3
	FULL LOAD AMPS	2.5	2.5
	LOCKED ROTOR AMPS	--	--
	MOTOR SPEED TAP - COOLING	LOW SPEED	LOW SPEED
	RPM	890	890
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10X9	10X9
	RATED SCFM COOLING	1200	1200
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	5.4	5.4
	NUMBER OF ROWS	3	3
	FINS PER INCH	16	16
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	140	120
	AUXILIARY LIMIT SETTING (°F)	120	150
	ROLLOUT LIMIT SETTING (°F)	350	350
GENERAL INFORMATION	FILTER SIZE - SQ. FT.	(1) 24"X 24" x 2"	(1) 24"X 24" x 2"
	DRAIN SIZE (INCHES)	3/4"	3/4"
	EXPANSION DEVICE	Orifice (0.068)	Orifice (0.068)
	REFRIGERANT CHARGE R-410A (Oz.)	83	85
	POWER SUPPLY CONDUIT HOLE (")	1.125	1.125
	LOW VOLTAGE CONDUIT HOLE	1/2"	1/2"
	LOW PRESSURE SWITCH (OPEN/CLOSE-PSIG)	22/50	22/50
	HIGH PRESSURE SWITCH (OPENS-PSIG)	660	660
	SHIPPING WEIGHT LBS.	550	560
	OPERATING WEIGHT LBS.	525	535

(1) Units installed in Canada are certified only to 4500 feet.

(2) Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted.

IMPORTANT: While this data is presented as a guide, it is important to electrically connect the unit and properly size wires and fuses/circuit breakers in accordance with the National Electrical Code and/or all local codes.

PACKAGE GAS SPECIFICATIONS

CPG048XXX1DXXXB*

		CPG0480901DX*XB*	CPG0481151DX*XB*
COOLING CAPACITY	COOLING CAPACITY, BTUH	45,500	45,500
	SEER/EER	13/11.3	13/11.3
HEATING CAPACITY	HIGH HEATING INPUT / OUTPUT BTUH	92,000 / 74,000	115,000 / 92,000
	LOW HEATING INPUT / OUTPUT BTUH	69,000 / 55,000	86,250 / 69,000
	A.F.U.E. (%)	80	80
	TEMPERATURE RISE (°F) HI/LOW	30 - 60 / 15 - 45	40-70 / 25 - 55
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60
	UNIT AMPS (TOTAL)	24.1	24.1
	MINIMUM CIRCUIT AMPACITY	29	29
	MAXIMUM OVERCURRENT PROTECTION ⁽²⁾	45	45
HEATING SECTION	NUMBER OF BURNERS	4	5
	ORIFICE SIZE NATURAL	43	43
	ORIFICE SIZE LP	55	55
	PRESSURE SWITCH SETTING	0.34	0.34
COMPRESSOR	TYPE	SCROLL	SCROLL
	RATED LOAD AMPS	19.9	19.9
	LOCKED ROTOR AMPS	109	109
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4
	RPM	1090	1090
	RATED LOAD AMPS	1.40	1.40
	LOCKED ROTOR AMPS	2.9	2.9
CONDENSER FAN	BLADE DIAMETER(") / # OF BLADES	22/4	22/4
	NOMINAL CFM	3,800	3,800
CONDENSER COIL	FACE AREA - SQ. FT.	17	17
	NUMBER OF ROWS	1	1
	FINS PER INCH	24	24
EVAPORATOR BLOWER MOTOR	HORSEPOWER - TYPE	1/2 - DIRECT DRIVE	1/2 - DIRECT DRIVE
	NO. OF SPEEDS	PSC - 3	PSC - 3
	FULL LOAD AMPS	2.9	2.9
	LOCKED ROTOR AMPS	5	5
	MOTOR SPEED TAP - COOLING	Medium	Medium
	RPM	1000	1000
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10 x 9	10 x 9
	RATED SCFM COOLING	1600	1600
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.6	0.6
EVAPORATOR COIL	FACE AREA - SQ. FT.	7	7
	NUMBER OF ROWS	4	4
	FINS PER INCH	16	16
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	120	140
	AUXILIARY LIMIT SETTING (°F)	150	150
	ROLLOUT LIMIT SETTING (°F)	350	350
GENERAL INFORMATION	FILTER SIZE - SQ. FT.	(4) 14" X 20" x 2"	(4) 14" X 20" x 2"
	DRAIN SIZE (INCHES)	3/4"	3/4"
	EXPANSION DEVICE	Orifice (0.076)	Orifice (0.076)
	REFRIGERANT CHARGE R-410A (Oz.)	103	103
	POWER SUPPLY CONDUIT HOLE (")	1.125	1.125
	LOW VOLTAGE CONDUIT HOLE	1/2"	1/2"
	LOW PRESSURE SWITCH (OPEN/CLOSE-PSIG)	22/50	22/50
	HIGH PRESSURE SWITCH (OPENS-PSIG)	660	660
	SHIPPING WEIGHT LBS.	600	605
	OPERATING WEIGHT LBS.	575	580

(1) Units installed in Canada are certified only to 4500 feet.

(2) Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted.

IMPORTANT: While this data is presented as a guide, it is important to electrically connect the unit and properly size wires and fuses/circuit breakers in accordance with the National Electrical Code and/or all local codes.

PACKAGE GAS SPECIFICATIONS

CPG060XXX1DXXXB*

		CPG0600901DX*XB*	CPG0601401DX*XB*
COOLING CAPACITY	COOLING CAPACITY, BTUH	59,500	59,500
	SEER/EER	13/11.3	13/11.3
HEATING CAPACITY	HIGH HEATING INPUT / OUTPUT BTUH	92,000 / 74,000	138,000 / 110,400
	LOW HEATING INPUT / OUTPUT BTUH	69,000 / 55,000	103,000 / 83,000
	A.F.U.E. (%)	80	80
	TEMPERATURE RISE (°F) HI/LOW	20 - 50 / 15 - 45	35 - 65 / 25 - 55
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60
	UNIT AMPS (TOTAL)	35.4	35.4
	MINIMUM CIRCUIT AMPACITY	42	42
	MAXIMUM OVERCURRENT PROTECTION ⁽²⁾	60	60
HEATING SECTION	NUMBER OF BURNERS	4	6
	ORIFICE SIZE NATURAL	43	43
	ORIFICE SIZE LP	55	55
	PRESSURE SWITCH SETTING	0.34	0.34
COMPRESSOR	TYPE	SCROLL	SCROLL
	RATED LOAD AMPS	26.4	26.4
	LOCKED ROTOR AMPS	134	134
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4
	RPM	1090	1090
	RATED LOAD AMPS	1.40	1.40
	LOCKED ROTOR AMPS	2.9	2.9
CONDENSER FAN	BLADE DIAMETER (") / # OF BLADES	22/4	22/4
	NOMINAL CFM	3,800	3,800
CONDENSER COIL	FACE AREA - SQ. FT.	17	17
	NUMBER OF ROWS	2	2
	FINS PER INCH	18	18
EVAPORATOR BLOWER MOTOR	HORSEPOWER - TYPE	1.0 - DIRECT DRIVE	1.0 - DIRECT DRIVE
	NO. OF SPEEDS	EEM - 5	EEM - 5
	FULL LOAD AMPS	7.6	7.6
	LOCKED ROTOR AMPS	---	---
	MOTOR SPEED TAP - COOLING	T4	T4
	RPM	1050	1050
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	11 X 10	11 X 10
	RATED SCFM COOLING	2000	2000
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.9	0.9
EVAPORATOR COIL	FACE AREA - SQ. FT.	7.8	7.8
	NUMBER OF ROWS	4	4
	FINS PER INCH	16	16
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	140	220
	AUXILIARY LIMIT SETTING (°F)	150	150
	ROLLOUT LIMIT SETTING (°F)	350	350
GENERAL INFORMATION	FILTER SIZE - SQ. FT.	(4) 14" X 20" x 2"	(4) 14" X 20" x 2"
	DRAIN SIZE (INCHES)	3/4"	3/4"
	EXPANSION DEVICE	Orifice (0.086)	Orifice (0.086)
	REFRIGERANT CHARGE R-410A (Oz.)	162	162
	POWER SUPPLY CONDUIT HOLE SIZE (")	1.97"	1.97"
	KNOCKOUT SIZE (")	2.56"	2.56"
	LOW VOLTAGE CONDUIT HOLE SIZE (")	1/2	1/2
	LOW PRESSURE SWITCH (OPEN/CLOSE-PSIG)	22/50	22/50
	HIGH PRESSURE SWITCH (OPENS-PSIG)	660	660
	SHIPPING WEIGHT LBS.	645	655
	OPERATING WEIGHT LBS.	620	630

(1) Units installed in Canada are certified only to 4500 feet.

(2) Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted.

IMPORTANT: While this data is presented as a guide, it is important to electrically connect the unit and properly size wires and fuses/circuit breakers in accordance with the National Electrical Code and/or all local codes.

ACCESSORIES

CPG***1DX*XB***

CPG ACCESSORIES	
14CURB3672B	3 - 6 Ton Roof Curb 14" Tall 'B' Chassis
DNECONGS3672B	3 - 6 Ton Downflow Economizer for CPG 'B' Chassis
DNECONGS3672B-NR	3 - 6 Ton Downflow Economizer for CPG 'B' Chassis W/O Barometric Relief
HZECONGS3672B	3 - 6 Ton Horizontal Economizer for CPG 'B' Chassis
25FD3672B	3 - 6 Ton 25% Manual Fresh Air Damper
25MFD3672B	3 - 6 Ton 25% Motorized Fresh Air Damper
PE36722B	3 - 6 Ton Power Exhaust 208/230v CP* Unit 'B' Chassis
PE36724B	3 - 6 Ton Power Exhaust 460v CP* Unit 'B' Chassis
BRD3672	Barometric Relief Damper
CDK36	3 Ton Concentric Duct Kit
CDK4872	4 - 6 Ton Concentric Duct Kit
DNSQRRND36B	3 Ton Downflow Square to Round Adapter 16" Round 'B' Chassis
DNSQRRND4872B	4 - 6 Ton Downflow Square to Round Adapter 18" Round 'B' Chassis
HAILGD03	Hail Guard Kit 3 - 5 Ton
HAILGD04	Hail Guard Kit 6 Ton
LPT-00A	LP Conversion Kit (Used with CPG036045 only)
LPM-05	LP Conversion kit (all other 3-5 ton models)
HA-02	High Altitude Kit
LAKT01	Low Ambient Kit
HSKT036B	High Static Kits for 3 Ton Belt Drive
HSKT048B	High Static Kits for 4 Ton Belt Drive
HSKT060B	High Static Kits for 5 Ton Belt Drive
LCRKT-01	Roll-out Kit - CPG only
GFCI	Convenience Outlet
OT18-60A	Outdoor Thermostat - All models

BLOWER PERFORMANCE DATA

CPG036***1DXXXB*

DIRECT DRIVE - 3 TON

CPG 036 DIRECT DRIVE DOWN SHOT

Speed Tap	ESP, IN W.C.	Standard CFM	Amps	Watts	RPM
LOW	0.1	1313	1.68	356	748
	0.2	1247	1.63	344	786
	0.3	1178	1.59	334	832
	0.4	1094	1.55	324	869
	0.5	1002	1.50	312	913
	0.6	919	1.45	296	940
MED	0.1	1471	2.11	454	830
	0.2	1400	2.06	440	863
	0.3	1354	2.02	432	896
	0.4	1271	1.95	416	929
	0.5	1188	1.90	398	957
	0.6	1083	1.82	378	984
	0.7	955	1.74	356	1012
HIGH	0.3	1470	2.37	510	935
	0.4	1390	2.31	492	957
	0.5	1310	2.25	476	978
	0.6	1206	2.17	454	1000
	0.7	1098	2.09	436	1023
	0.8	966	1.99	412	1045

CPG 036 DIRECT DRIVE HORIZONTAL FLOW

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

NOTES:

Tables represent dry coil without filter. To compensate for filter, add 0.08" to measured E.S.P.

SCFM correction for wet coil = 4%.

3 Ton models are shipped from the factory with speed tap set on low speed.

BLOWER PERFORMANCE DATA

CPG048***1DXXXB*

DIRECT DRIVE - 4 TON

CPG 048 DIRECT DRIVE DOWN SHOT

Speed Tap	ESP, IN W.C.	Standard CFM	Amps	Watts	RPM
LOW	0.1	1592	2.54	543	815
	0.2	1528	2.43	521	858
	0.3	1464	2.32	499	901
	0.4	1380	2.21	475	930
	0.5	1296	2.10	451	959
MED	0.1	1828	3.08	665	892
	0.2	1700	2.75	601	924
	0.3	1606	2.61	563	966
	0.4	1531	2.48	537	990
	0.5	1401	2.32	503	1023
	0.6	1287	2.22	477	1045
	0.7	1123	2.05	441	1073
HIGH	0.1	1926	3.34	740	937
	0.2	1825	3.18	700	965
	0.3	1712	3.03	660	989
	0.4	1598	2.87	626	1015
	0.5	1482	2.76	596	1032
	0.6	1357	2.62	564	1049

CPG 048 DIRECT DRIVE HORIZONTAL FLOW

Speed Tap	ESP, IN W.C.	Standard CFM	Amps	Watts	RPM
LOW	0.1	1612	2.60	554	789
	0.2	1548	2.49	532	832
	0.3	1484	2.38	510	875
	0.4	1400	2.27	486	904
	0.5	1316	2.16	462	933
MED	0.1	1846	3.14	676	866
	0.2	1718	2.81	612	898
	0.3	1624	2.67	574	940
	0.4	1549	2.54	548	964
	0.5	1419	2.38	514	997
	0.6	1305	2.28	488	1019
	0.7	1141	2.11	452	1047
HIGH	0.1	1954	3.43	758	924
	0.2	1853	3.27	718	952
	0.3	1740	3.12	678	976
	0.4	1626	2.96	644	1002
	0.5	1510	2.85	614	1019
	0.6	1385	2.71	582	1036

NOTES:

Tables represent dry coil without filter. To compensate for filter, add 0.08" to measured E.S.P.

SCFM correction for wet coil = 4%.

4 Ton models are shipped from the factory with speed tap set on MED.

BLOWER PERFORMANCE DATA

CPG060***1DXXXB*

DIRECT DRIVE - 5 TON

CPG 060 DIRECT DRIVE DOWN SHOT

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

CPG 060 DIRECT DRIVE HORIZONTAL FLOW

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

NOTES: Tables represent dry coil without filter. To compensate for filter, add 0.08" to measured E.S.P.

SCFM correction for wet coil = 4%.

5 Ton models are shipped from the factory with speed tap set on T4.

COOLING PERFORMANCE DATA

CPG036XXX1DXXXB*

MODEL: CPG036XXX**XXX
EXPANDED PERFORMANCE DATA
COOLING OPERATION
Design Subcooling, 11 ± 3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8 ± 3°F @ the compressor suction access fitting connection.

		Outdoor Ambient Temperature																																																											
		65												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	1350	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	-																																			
		DELTA T	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-																																			
		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	-																																			
70	1200	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	-																																			
		DELTA T	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	11	-	16	14	11	-																																			
		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	-																																			
		DELTA T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-																																			
		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	-																																			
75	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																																			
		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																																			
		DELTA T	19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	19	18	15	10	18	17	14	9																																			
		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																																			
		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																																			
75	1200	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																																			
		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																																			
		DELTA T	20	19	15	10	20	19	15	11	20	19	15	11	21	19	15	11	20	19	15	11	19	17	14	10																																			
		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																																			
		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																																			
1050		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																																			
		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																																			
		DELTA T	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10																																			
		HI PR	214	230	243	254	240	258	273	285	273	294	310	324	311	335	353	369	350	376	398	415	387	416	439	458																																			
		LO PR	104	111	121	129	110	117	128	136	114	121	123	133	141	120	128	139	148	126	134	146	155	130	138	151	161																																		

COOLING OPERATION

COOLING OPERATION

Design Subcooling, $11 \pm 3^\circ\text{F}$ @ the liquid access fitting connection
Design Superheat $8 \pm 3^\circ\text{F}$ @ the compressor suction access fitting connection.

IDB* Airflow		Outdoor Ambient Temperature																							
		65				75				85				95				105				115			
		Entering Indoor Wet Bulb Temperature																							
1350	MBh	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
	ST	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				
	Delta 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				
	Hi PR	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	21	21	18	14				
	LO PR	225	242	256	267	253	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436				
	LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163				
1200	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				
	ST	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				
	Delta T	22	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14				
	Hi PR	223	240	253	264	250	269	284	296	284	306	323	337	324	348	368	384	364	392	414	432				
	LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162				
	LO PR	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				
1050	ST	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				
	Delta T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	16	23	22	19	15				
	Hi PR	216	233	246	256	243	261	276	287	276	297	313	327	314	338	357	372	353	380	402	419				
	LO PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157				
	LO PR	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				
	LO PR	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				
1350	ST	23	23	21	18	23	23	22	19	23	23	22	19	23	23	22	19	21	22	21	19				
	Delta T	227	245	258	269	255	274	290	302	290	312	330	344	330	356	375	392	372	400	422	440				
	Hi PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	158	133	142	155	165				
	LO PR	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				
	ST	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				
	Delta T	24	24	22	19	24	24	23	20	24	24	24	23	20	24	24	23	20	23	24	22				
1200	Hi PR	225	242	256	267	253	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436				
	LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163				
	LO PR	32.0	32.6	34.2	36.4	31.3	31.9	33.4	35.6	30.5	31.1	32.6	34.7	29.8	30.3	31.8	33.9	28.3	28.8	30.2	32.2				
	MBh	0.87	0.84	0.76	0.61	0.90	0.87	0.78	0.64	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70				
	ST	24	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20				
	Delta T	218	235	248	259	245	264	278	290	279	300	317	330	317	341	361	376	357	384	406	423				
1050	Hi PR	218	235	248	259	245	264	278	290	279	300	317	330	317	341	361	376	357	384	406	423				
	LO PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159				
	LO PR	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				
	LO PR	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				
	ST	23	23	21	18	23	23	22	19	23	23	22	19	23	23	22	19	21	22	21	19				
	Delta T	227	245	258	269	255	274	290	302	290	312	330	344	330	356	375	392	372	400	422	440				
85	Hi PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	158	133	142	155	165				
	LO PR	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				
	ST	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				
	Delta T	24	24	22	19	24	24	23	20	24	24	24	23	20	24	24	23	20	23	24	22				
	Hi PR	225	242	256	267	253	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436				
	LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163				
85	LO PR	32.0	32.6	34.2	36.4	31.3	31.9	33.4	35.6	30.5	31.1	32.6	34.7	29.8	30.3	31.8	33.9	28.3	28.8	30.2	32.2				
	MBh	0.87	0.84	0.76	0.61	0.90	0.87	0.78	0.64	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70				
	ST	24	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20				
	Delta T	218	235	248	259	245	264	278	290	279	300	317	330	317	341	361	376	357	384	406	423				
	Hi PR	218	235	248	259	245	264	278	290	279	300	317	330	317	341	361	376	357	384	406	423				
	LO PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159				

* Entering Indoor Dry Bulb Temperature

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

Entering Indoor Dry Bulb Temperature

COOLING PERFORMANCE DATA

CPG048XXX1DXXXB*

MODEL: CPG048XXX**XXX EXPANDED PERFORMANCE DATA COOLING OPERATION

Design Subcooling, 10 ± 3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 9 ± 3°F @ the compressor suction access fitting connection.

		Outdoor Ambient Temperature										105										115												
		65					75					85					95																	
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	1800	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	-	39.4	40.8	44.7	-	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	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		DELTA T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-	17	15	11	-	16	14	10	-
		HiPR	239	257	271	-	268	288	304	-	305	328	346	-	347	373	394	-	390	420	444	-	431	464	490	-	390	420	444	-	431	464	490	-
		LOPR	110	117	128	-	116	124	135	-	121	129	141	-	127	135	148	-	133	142	155	-	138	147	160	-	133	142	155	-	138	147	160	-
	1600	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	-	38.3	39.6	43.4	-	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	-	0.80	0.67	0.46	-	0.81	0.68	0.47	-
		DELTA T	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-	18	15	12	-	16	14	11	-
		HiPR	236	254	269	-	265	285	301	-	302	325	343	-	344	370	390	-	386	416	439	-	427	460	485	-	386	416	439	-	427	460	485	-
		LOPR	109	116	127	-	115	123	134	-	120	128	139	-	126	134	146	-	132	140	153	-	136	145	158	-	132	140	153	-	136	145	158	-
1400	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	-	35.3	36.6	40.1	-	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	-	0.77	0.65	0.45	-	0.78	0.65	0.45	-	
	DELTA T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	18	16	12	-	17	15	11	-	
	HiPR	229	247	261	-	257	277	292	-	293	315	332	-	333	359	379	-	375	403	426	-	414	446	471	-	375	403	426	-	414	446	471	-	
	LOPR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	132	141	154	-	128	136	149	-	132	141	154	-	
75	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	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	0.96	0.86	0.65	0.42	0.96	0.86	0.65	0.42
		DELTA T	19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10	20	18	15	10	18	17	14	10
		HiPR	241	260	274	286	271	291	307	321	308	331	350	365	351	377	398	415	394	424	448	467	436	469	495	516	394	424	448	467	436	469	495	516
		LOPR	111	118	129	138	118	125	137	146	122	130	142	151	128	137	149	159	135	143	156	167	139	148	162	172	135	143	156	167	139	148	162	172
	1600	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	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	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40
		DELTA T	20	19	15	11	21	19	15	11	21	19	15	11	21	19	16	11	20	19	15	11	19	18	14	10	20	19	15	11	19	18	14	10
		HiPR	239	257	271	283	268	288	304	318	305	328	346	361	347	373	394	411	390	420	444	463	431	464	490	511	390	420	444	463	431	464	490	511
		LOPR	110	117	128	136	116	124	135	144	121	129	141	150	127	135	148	157	133	142	155	165	138	147	160	171	133	142	155	165	138	147	160	171
1400	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	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	0.88	0.79	0.60	0.38	0.89	0.79	0.60	0.39	
	DELTA T	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10	21	19	16	11	19	18	15	10	
	HiPR	232	249	263	275	260	280	295	308	296	318	336	350	337	362	383	399	379	408	430	449	418	450	475	496	379	408	430	449	418	450	475	496	
	LOPR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	153	129	138	150	160	134	142	155	165	129	138	150	160	134	142	155	165	

MODEL: CPG048XXX**XXX

EXPANDED PERFORMANCE DATA

COOLING OPERATION

Design Subcooling, 10 ± 3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 9 ± 3°F @ the compressor suction access fitting connection.

		Outdoor Ambient Temperature										105										115									
		65					75					85					95														
		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		
80	1800	MBh	46.1	47.2	50.4	53.9	45.1	46.1	49.2	52.6	44.0	45.0	48.0	51.4	42.9	43.9	46.9	50.1	40.8	41.7	44.5	47.6	37.8	38.6	41.2	44.1	37.8	38.6	41.2	44.1	
		S/T	0.92	0.86	0.70	0.53	0.95	0.90	0.73	0.54	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.60	
		DELTA T	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	21	21	18	15	19	20	17	14	19	20	17	14	
		HIPR	244	262	277	289	273	294	311	324	311	335	353	368	354	381	402	420	398	429	453	472	440	474	500	522	440	474	500	522	
		LOPR	112	120	131	139	119	126	138	147	124	131	143	153	130	138	151	160	136	145	158	168	141	150	163	174	141	150	163	174	
80	1600	MBh	44.8	45.8	48.9	52.3	43.8	44.7	47.8	51.1	42.7	43.7	46.6	49.9	41.7	42.6	45.5	48.6	39.6	40.5	43.2	46.2	36.7	37.5	40.0	42.8	36.7	37.5	40.0	42.8	
		S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.70	0.52	0.93	0.88	0.71	0.53	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.95	0.77	0.58	1.00	0.95	0.77	0.58	
		DELTA T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	23	22	19	15	21	20	18	14	21	20	18	14
		HIPR	241	260	274	286	271	291	308	321	308	331	350	365	351	377	398	415	394	424	448	467	436	469	495	516	436	469	495	516	
		LOPR	111	118	129	138	118	125	137	146	122	130	142	151	128	137	149	159	135	143	156	167	139	148	162	172	139	148	162	172	
80	1400	MBh	41.4	42.3	45.1	48.3	40.4	41.3	44.1	47.1	39.4	40.3	43.0	46.0	38.5	39.3	42.0	44.9	36.5	37.3	39.9	42.6	33.9	34.6	37.0	39.5	33.9	34.6	37.0	39.5	
		S/T	0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.97	0.91	0.74	0.55	0.97	0.91	0.74	0.55	
		DELTA T	23	22	19	15	23	22	19	16	23	22	19	16	23	22	20	16	23	22	19	15	22	21	18	14	22	21	18	14	
		HIPR	234	252	266	277	263	282	298	311	299	321	339	354	340	366	386	403	383	412	435	453	423	455	480	501	423	455	480	501	
		LOPR	108	115	125	134	114	121	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167	135	144	157	167	
NOTE: Shaded area reflects AHRI rating conditions																															
	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	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	1.00	1.00	0.97	0.78	
		DELTA T	23	23	22	19	23	23	22	19	23	23	22	19	22	23	22	19	21	22	22	19	20	20	20	18	20	20	20	18	
		HIPR	246	265	280	292	276	297	314	327	314	338	357	372	358	385	406	424	402	433	457	477	444	478	505	527	444	478	505	527	
		LOPR	114	121	132	141	120	128	139	148	125	133	145	154	131	139	152	162	137	146	160	170	142	151	165	176	142	151	165	176	
85	1600	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	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	1.00	1.00	0.92	0.75	
		DELTA T	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	23	24	23	20	21	22	21	18	21	22	21	18	
		HIPR	244	262	277	289	273	294	311	324	311	335	353	368	354	381	402	420	398	429	453	472	440	474	500	522	440	474	500	522	
		LOPR	112	120	131	139	119	126	138	147	124	131	143	153	130	138	151	160	136	145	158	168	141	150	163	174	141	150	163	174	
	1400	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	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	1.00	0.98	0.89	0.72	
		DELTA T	25	24	23	20	25	24	23	20	25	24	23	20	25	25	23	20	24	24	23	20	23	23	21	19	23	23	21	19	
		HIPR	236	254	269	280	265	285	301	314	302	324	343	357	343	370	390	407	386	416	439	458	427	459	485	506	427	459	485	506	
		LOPR	109	116	127	135	115	123	134	143	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169	136	145	158	169	

* Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service access fittings.

NOTE: Shaded area reflects AHRI rating conditions

NOTE: Shaded area is AHRI Rating Conditions

COOLING PERFORMANCE DATA

CPG060XXX1DXXXB*

MODEL: CPG0060XXX**XXX
Design Subcooling, 11 ± 3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8 ± 3°F @ the compressor suction access fitting connection.

EXPANDED PERFORMANCE DATA

COOLING OPERATION

		Outdoor Ambient Temperature										105										115																													
		65										75										85										95																			
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																		
	2250	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	-																	
		DELTA T	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-	16	14	11	-	16	14	11	-																	
		HIPR	2.44	2.62	2.77	-	2.73	2.94	3.11	-	3.11	3.35	3.53	-	3.54	3.81	4.02	-	3.98	4.29	4.53	-	4.40	4.74	5.00	-	4.40	4.74	5.00	-	4.40	4.74	5.00	-																	
		LO PR	1.07	1.14	1.24	-	1.13	1.20	1.31	-	1.18	1.25	1.37	-	1.24	1.31	1.44	-	1.30	1.38	1.50	-	1.34	1.43	1.56	-	1.34	1.43	1.56	-	1.34	1.43	1.56	-																	
70		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	-																	
		DELTA T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	17	15	11	-																	
		HIPR	2.41	2.60	2.74	-	2.71	2.91	3.08	-	3.08	3.31	3.50	-	3.51	3.77	3.98	-	3.94	4.24	4.48	-	4.36	4.69	4.95	-	4.36	4.69	4.95	-	4.36	4.69	4.95	-																	
		LO PR	1.06	1.13	1.23	-	1.12	1.19	1.30	-	1.16	1.24	1.35	-	1.22	1.30	1.42	-	1.28	1.36	1.49	-	1.33	1.41	1.54	-	1.33	1.41	1.54	-	1.33	1.41	1.54	-																	
		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	-																	
		DELTA T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	17	15	11	-																	
		HIPR	2.34	2.52	2.66	-	2.63	2.83	2.98	-	2.99	3.21	3.39	-	3.40	3.66	3.86	-	3.83	4.12	4.35	-	4.23	4.55	4.80	-	4.23	4.55	4.80	-	4.23	4.55	4.80	-																	
		LO PR	1.03	1.09	1.20	-	1.09	1.16	1.26	-	1.13	1.20	1.31	-	1.19	1.26	1.38	-	1.24	1.32	1.44	-	1.29	1.37	1.49	-	1.29	1.37	1.49	-	1.29	1.37	1.49	-																	

Shaded area is ACCA (TVA) conditions
IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service access fittings.

MODEL: CPG060XXX**XXX

EXPANDED PERFORMANCE DATA

COOLING OPERATION

Design Subcooling, 11 ± 3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8 ± 3°F @ the compressor suction access fitting connection.

		Outdoor Ambient Temperature										95										105										115									
		65					75					85					Entering Indoor Wet Bulb Temperature					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								
	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	49.4	50.5	53.9	57.7	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	1.00	1.00	0.80	0.59	1.00	1.00	0.80	0.59								
	DELTA T	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	21	18	14	20	21	18	14	20	21	18	14								
	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	449	483	510	532	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	137	145	159	169	137	145	159	169								
80	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	48.0	49.0	52.4	56.0	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	0.99	0.93	0.76	0.57	0.99	0.93	0.76	0.57								
	DELTA T	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	22	21	18	15								
	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	445	478	505	527	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	135	144	157	167	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	44.3	45.2	48.3	51.7	44.3	45.2	48.3	51.7								
	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	0.96	0.90	0.73	0.55	0.96	0.90	0.73	0.55								
	DELTA T	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	22	21	19	15								
	HIPR	239	257	271	283	268	288	304	317	305	328	346	361	347	373	394	411	390	420	444	463	431	464	490	511	431	464	490	511	431	464	490	511								
	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	131	140	152	162	131	140	152	162								

NOTE: Shaded area reflects ARI rating conditions																																				
2250										2000										1750																
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	50.3	51.2	53.7	57.2	50.3	51.2	53.7	57.2	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	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77
DELTA T	24	23	22	19	24	24	22	19	24	24	22	19	23	24	23	20	22	23	22	19	21	21	18	14	21	21	18	14	21	21	18	14	21	21	18	14
HIPR	251	270	285	298	282	303	320	334	320	345	364	380	365	393	415	433	411	442	467	487	454	488	515	538	454	488	515	538	454	488	515	538	454	488	515	538
LOPR	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	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	48.8	49.7	52.1	55.6	48.8	49.7	52.1	55.6	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	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74
DELTA T	25	24	23	20	25	25	23	20	25	25	23	20	25	25	24	20	24	25	23	20	22	23	22	19	22	23	22	19	22	23	22	19	22	23	22	19
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	449	483	510	532	449	483	510	532	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	137	145	159	169	137	145	159	169	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	45.0	45.9	48.1	51.3	45.0	45.9	48.1	51.3	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	1.00	0.97	0.71	1.00	1.00	0.97	0.71	1.00	1.00	0.97	0.71	1.00	1.00	0.97	0.71
DELTA T	25	25	24	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	21	24	23	22	19	22	23	22	19	22	23	22	19	22	23	22	19
HIPR	241	259	274	286	271	291	307	321	308	331	350	365	350	377	398	415	394	424	448	467	436	469	495	516	436	469	495	516	436	469	495	516	436	469	495	516
LOPR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164	133	141	154	164	133	141	154	164	133	141	154	164

* Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service access fittings.
NOTE: Shaded area is AHRI Rating Conditions

COOLING PERFORMANCE DATA

PERFORMANCE TEST

All data based upon listed indoor dry bulb temperature. .00 inches external static pressure on coil of outdoor section. Indoor air cubic feet per minute (CFM) as listed in the Performance Data Sheets:

If conditions vary from this, results will change as follows:

1. As indoor dry bulb temperatures increase, a slight increase will occur in indoor air temperature drop (**Delta T**). Low and high side pressures and power will not change.
2. As indoor CFM decreases, a slight increase will occur in indoor temperature drop (**Delta T**). A slight decrease will occur in low and high side pressures and power.

A properly operating unit should be within plus or minus **3 degrees** of the typical (**Delta T**) value shown.

A properly operating unit should be within plus or minus **7 PSIG** of the **HI PR** shown.

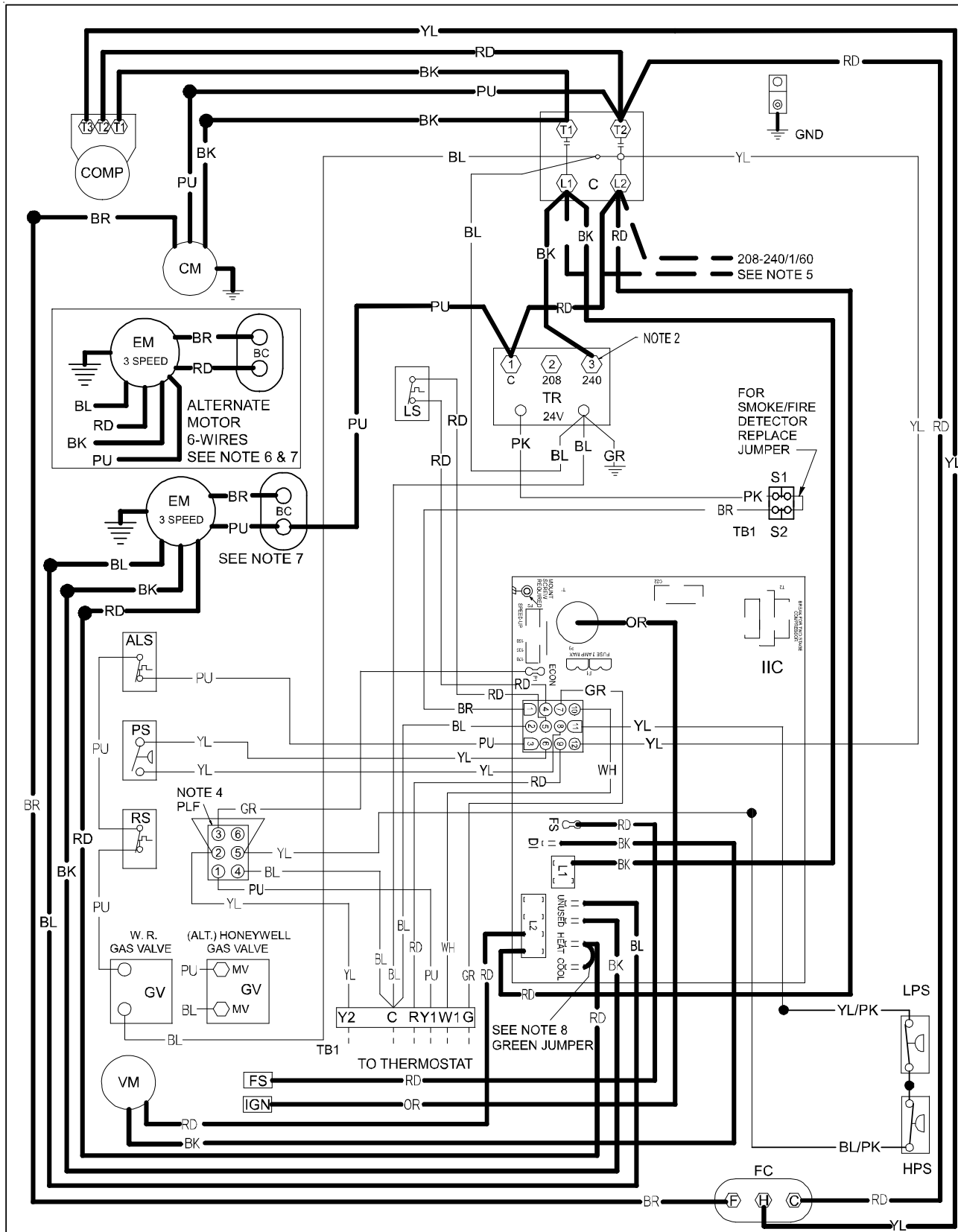
A properly operating unit should be within plus or minus **3 PSIG** of the **LO PR** shown.

WIRING DIAGRAMS

CPG0360451DXXXB*

WARNING

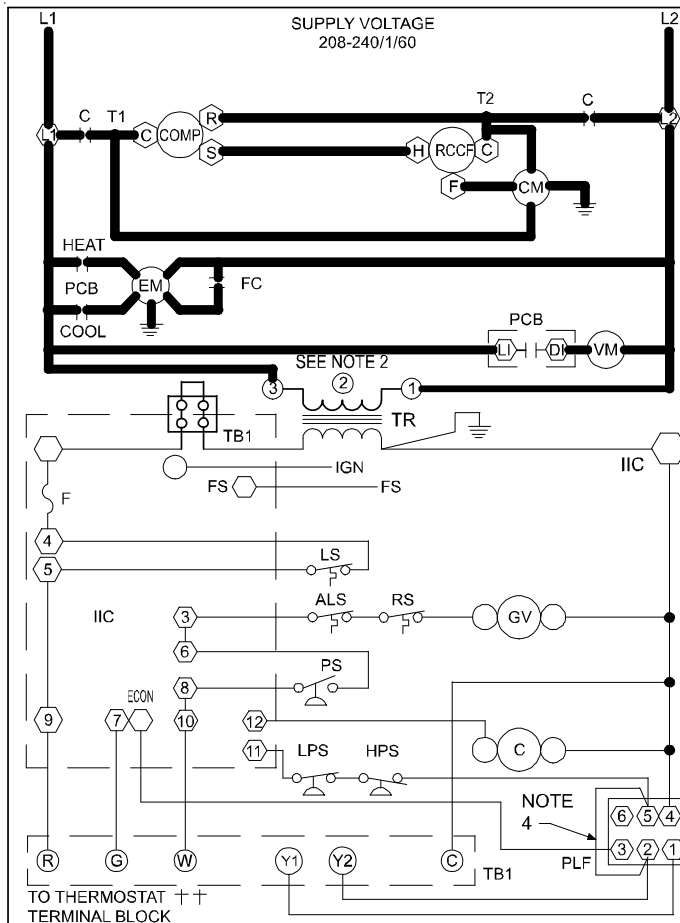
HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



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

WIRING DIAGRAMS

CPG0360451DXXXB*



COMPONENT LEGEND

ALS	AUXILIARY LIMIT SWITCH
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
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
BC	BLOWER CAPACITOR

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 (3) TO TERMINAL (2) ON TRANSFORMER.
- FOR DIFFERENT THAN FACTORY SPEED TAP, CHANGE COOLING SPEED AT COOL TERMINAL. CHANGE HEATING SPEED AT HEAT TERMINAL ON CONTROL BOARD.
3 SPEED MOTOR
RD - LOW SPEED
BL - MED. SPEED
BK - HIGH SPEED
- 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.
- PURPLE WIRE CONNECTS TO TRANSFORMER (PIN 1).
- SPEED TAP TERMINATIONS SHOWN ON DIAGRAM ARE REPRESENTATIVE, BUT ACTUAL FACTORY SETTING MAY BE DIFFERENT BASED ON HEATING VALUE AND CAPACITY OF UNIT.
- 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.

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

208-240/1/60 0140L00510 REV A

FACTORY WIRING

—	LINE VOLTAGE
—	LOW VOLTAGE
---	OPTIONAL HIGH VOLTAGE

FIELD WIRING

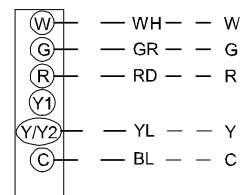
---	HIGH VOLTAGE
---	LOW VOLTAGE

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

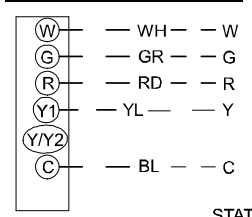
THERMOSTAT FIELD WIRING ++

NO ECONOMIZER



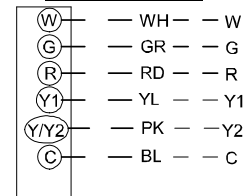
TB1 STAT

WITH ECONOMIZER OPTION



TB1 STAT

2 STAGE COOLING



TB1 STAT

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:

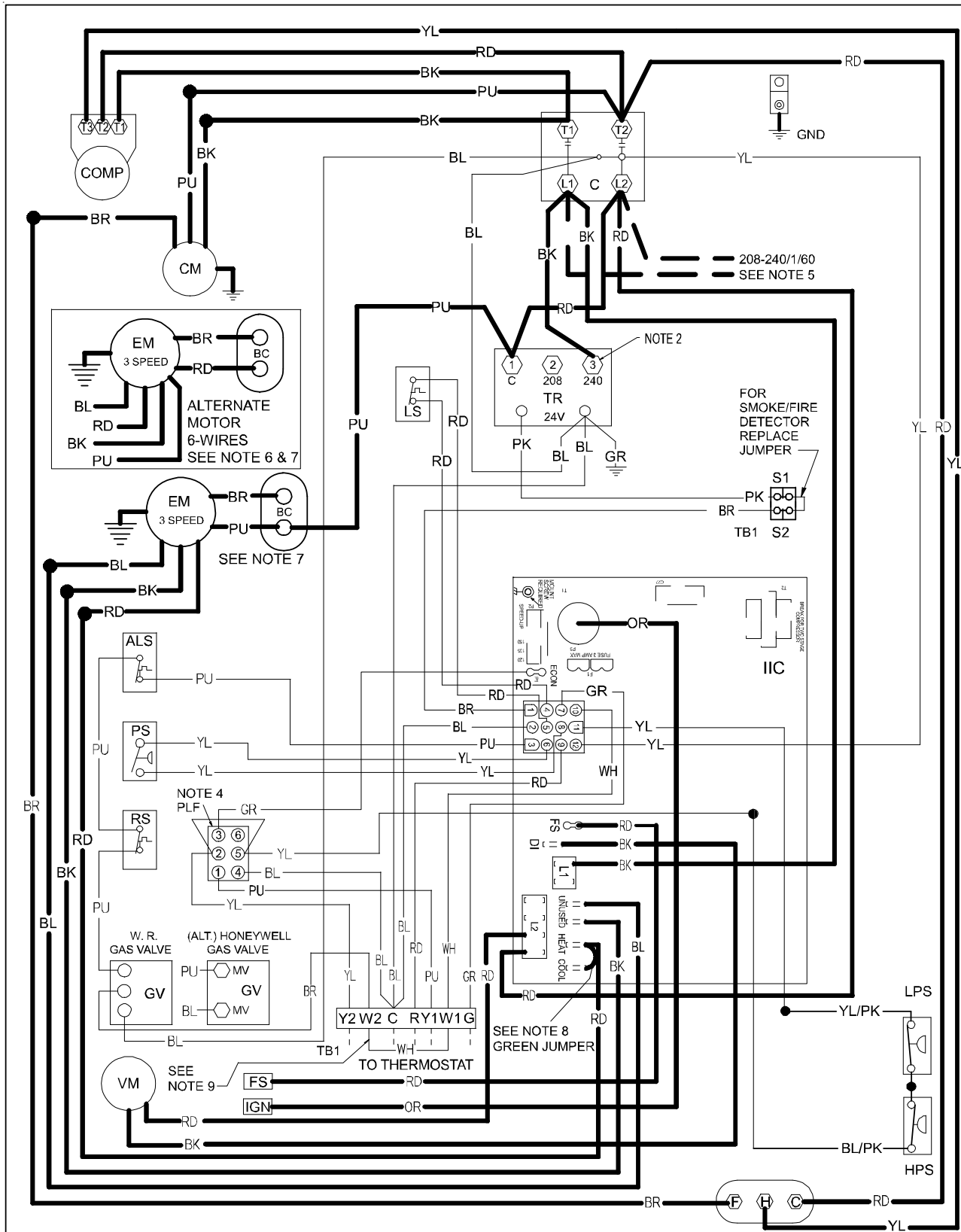
STATUS LIGHT	EQUIP. STATUS	CHECK
ON	NORMAL OPERATION	-
OFF	NO POWER OR INTERNAL CONTROL FAULT	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE OR OPEN ROLLOUT SWITCH OR OPEN AUX. LIMIT SWITCH	GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR FLAME ROLLOUT BAD SWITCH AUX. LIMIT 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

WIRING DIAGRAMS

CPG0360901DXXXB*

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.



208-240/1/60 0140L00506 REV A

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

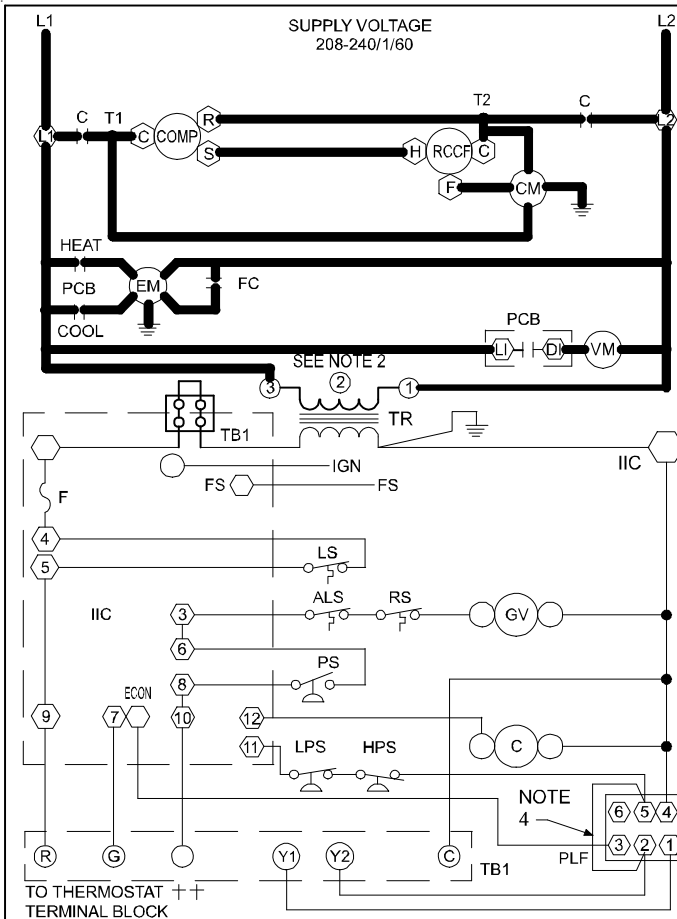
WIRING DIAGRAMS

CPG0360901DXXXB*



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.



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	AUXILIARY LIMIT SWITCH
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
IIC	INTEGRATED IGNITION CONTROL
IGN	IGNITOR
LS	LIMIT SWITCH
LPS	LOW PRESSURE 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
BC	BLOWER CAPACITOR

NOTES

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- FOR DIFFERENT THAN FACTORY SPEED TAP. CHANGE COOLING SPEED AT COOL TERMINAL. CHANGE HEATING SPEED AT HEAT TERMINAL ON CONTROL BOARD
3 SPEED MOTOR
RD - LOW SPEED
BL - MED. SPEED
BK - HIGH SPEED
- 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.
- PURPLE WIRE CONNECTS TO TRANSFORMER (PIN 1).
- SPEED TAP TERMINATIONS SHOWN ON DIAGRAM ARE REPRESENTATIVE, BUT ACTUAL FACTORY SETTING MAY BE DIFFERENT BASED ON HEATING VALUE AND CAPACITY OF UNIT.
- 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.
- 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

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
(Y1)	—	YL	—	Y
(Y/Y2)	—	BL	—	C

TB1 STAT

WITH ECONOMIZER OPTION

(W)	—	WH	—	W
(G)	—	GR	—	G
(R)	—	RD	—	R
(Y1)	—	YL	—	Y
(Y/Y2)	—	BL	—	C

TB1 STAT

2 STAGE COOLING

(W)	—	WH	—	W
(G)	—	GR	—	G
(R)	—	RD	—	R
(Y1)	—	YL	—	Y1
(Y/Y2)	—	PK	—	Y2
(C)	—	BL	—	C

TB1 STAT

WIRING DIAGRAMS

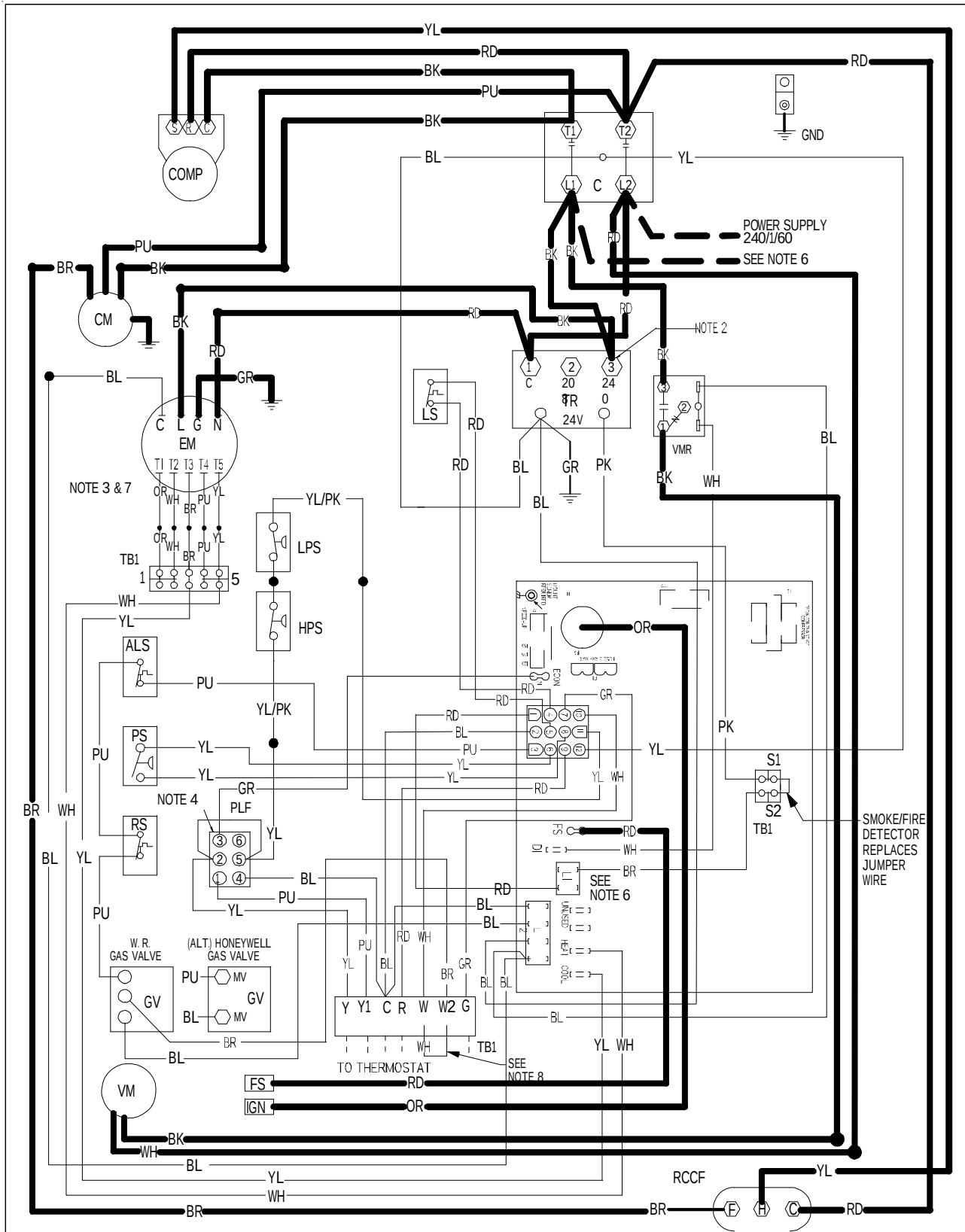
CPG060[090-140]1DXXXB*



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.





240/1/60 0140L00429 REV B

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

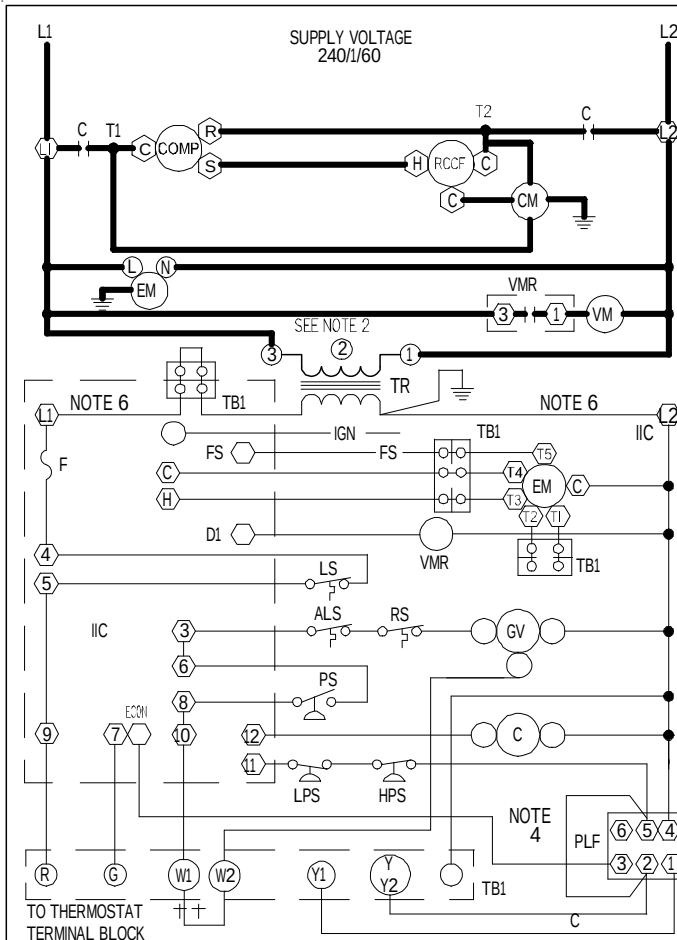
WIRING DIAGRAMS

CPG060[090-140]1DXXXB*



WARNING

HIGH VOLTAGE!
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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	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

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 (3) TO TERMINAL (2) ON TRANSFORMER.
- 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.
- 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.

240/1/60 0140L00429 REV B

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
(Y1)	—	YL	—	Y
(Y2)	—	YL	—	Y
(C)	—	BL	—	C

TB1 STAT

WITH ECONOMIZER OPTION

(W)	—	WH	—	W
(G)	—	GR	—	G
(R)	—	RD	—	R
(Y1)	—	YL	—	Y
(Y2)	—	YL	—	Y
(C)	—	BL	—	C

TB1 STAT

2 STAGE COOLING

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

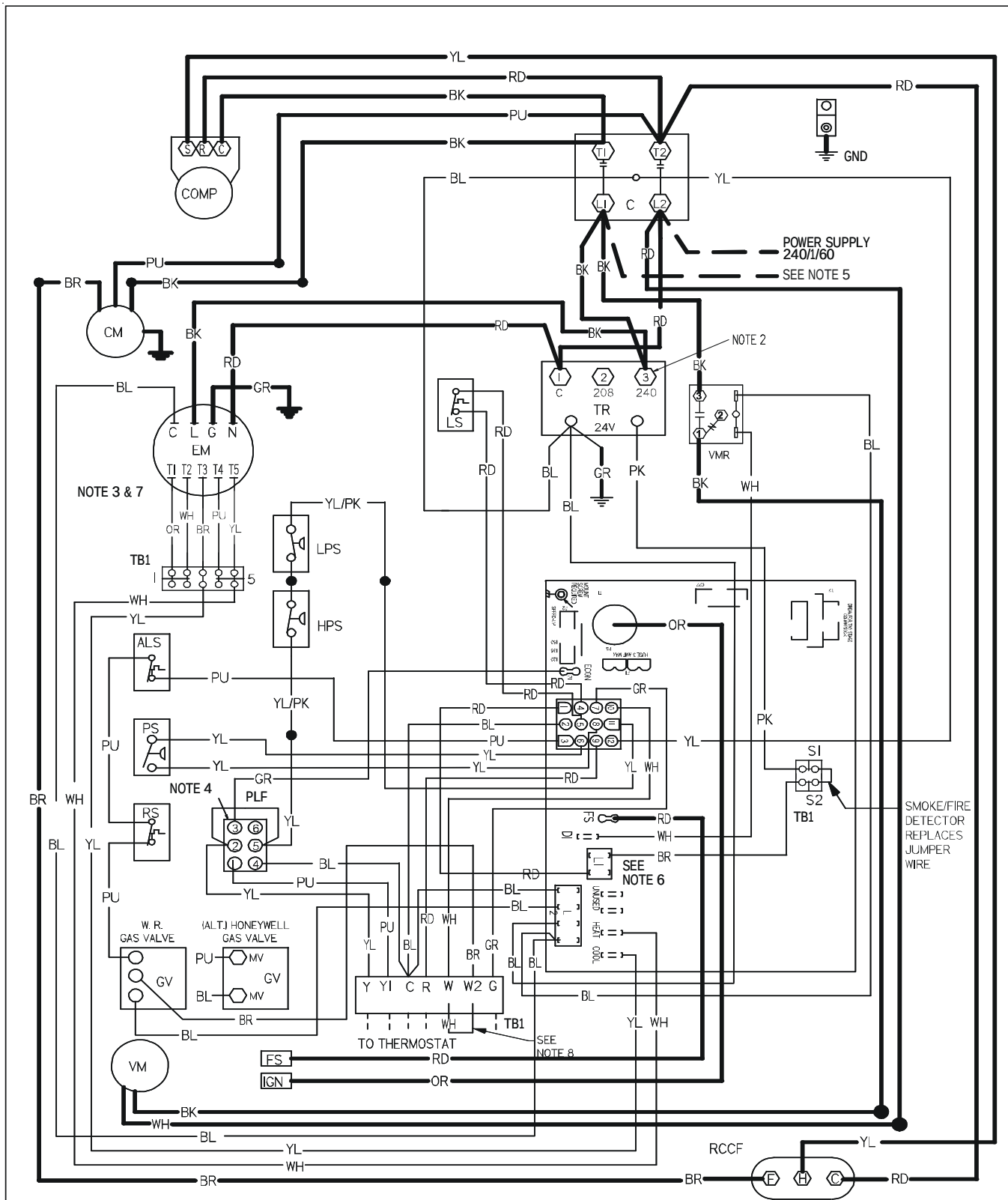
TB1 STAT

WIRING DIAGRAMS

CPG060[090-140]1DXXXC*

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.



240/1/60 0140L02105-A

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

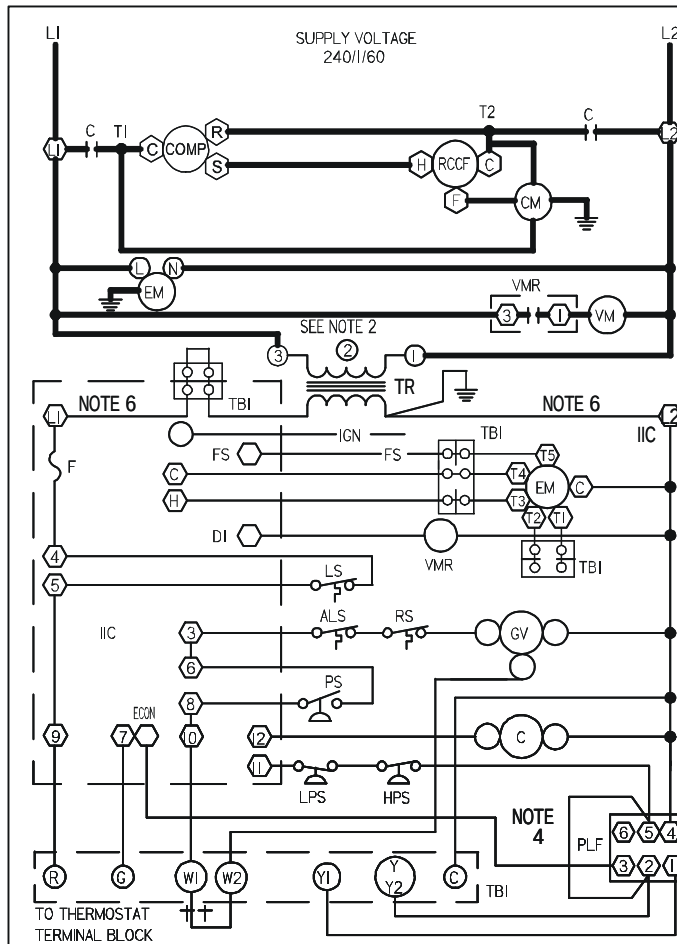
WIRING DIAGRAMS

CPG060[090-140]1DXXXC*



WARNING

HIGH VOLTAGE!
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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	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
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PLF	FEMALE PLUG/CONNECTOR
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RCCF	RUN CAPACITOR FOR COMPRESSOR/FAN
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COOLING SPEED (YELLOW WIRE)
T3 - LOW SPEED
T4 - HIGH SPEED
HEATING SPEED (WHITE WIRE)
T1 - LOW SPEED (1070)
T2 - MED. SPEED
T5 - HIGH SPEED (1140)
- ACCESSORY ECONOMIZER PLUG ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO ECONOMIZER ACCESSORY.
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++ USE NEC CLASS 2 WIRE.
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SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION.



240/11/60 0140L02105-A

FACTORY WIRING

— LINE VOLTAGE
— LOW 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
Y/Y2	— YL —	Y
C	— BL —	C

TBI STAT

WITH ECONOMIZER OPTION

W	— WH —	W
G	— GR —	G
R	— RD —	R
Y	— YL —	Y
Y/Y2	— YL —	Y
C	— BL —	C

TBI STAT

2 STAGE COOLING

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

TBI STAT