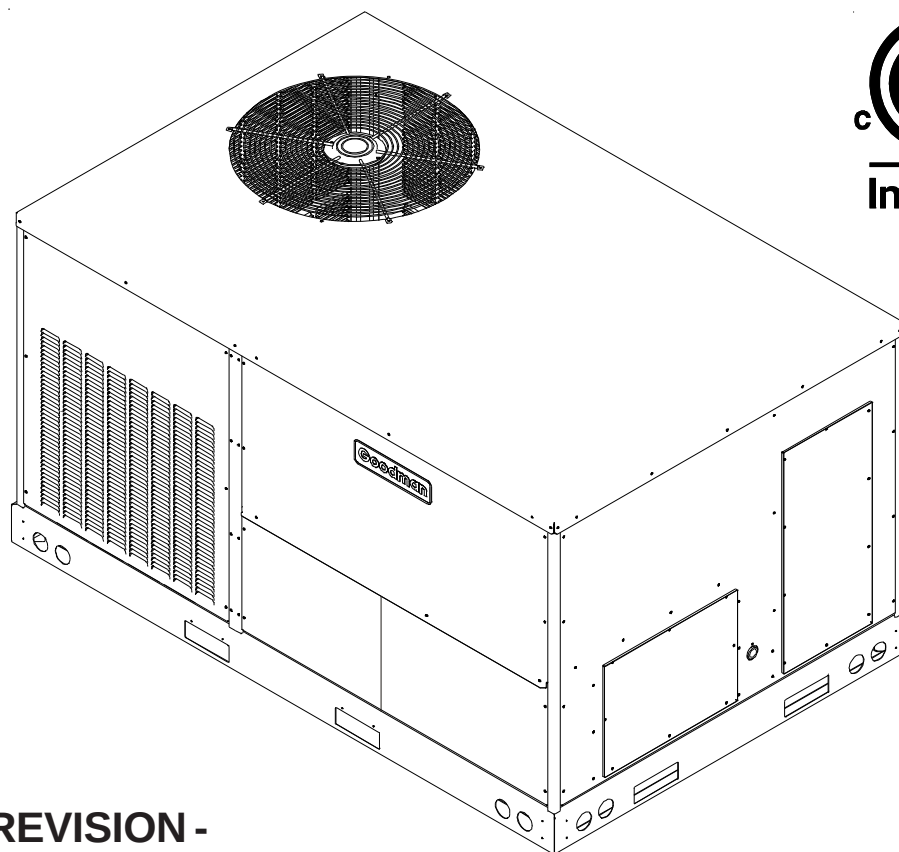


Goodman® TECHNICAL MANUAL

CPG Package Gas Units 208-230V 3-Phase, Multi-Position 3, 4, 5, 6 & 7.5 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.

RT6412006r16
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.*

CPG0360453DX**B*
CPG0360903DX**B*

CPG0360453BX**B*
CPG0360903BX**B*

CPG0600903DX**C*
CPG0601403DX**C*

CPG0480903DX**B*
CPG0481153DX**B*

CPG0480903BX**B*
CPG0481153BX**B*

CPG0480903H***B*

CPG0600903DX**B*
CPG0601403DX**B*

CPG0600903BX**B*
CPG0601403BX**B*

CPG0601403H***B*

CPG0721403B***B*

CPG0721403H***B*

CPG0902103BXXXB*

CPG0902103B***B*

CPG0902103H***B*



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										
C Commercial										
Configuration										
P Packaged Unit										
Application										
C Cooling										
G Gas Heat										
H Heat Pump										
Nominal Gross Cooling Capacity										
036 3 Tons	102	8½ Tons								
048 4 Tons	120	10 Tons								
060 5 Tons	150	12½ Tons								
072 6 Tons	180	15 Tons								
090 7½ Tons	240	20 Tons								
Nominal Heating Capacity										
CPG	CPC/CPH (Factory-Installed Electric Heat)									
045 45,000 BTU/h	XXX	No Heat								
070 70,000 BTU/h	010	10 kW	030	30 kW						
090 90,000 BTU/h	015	15 kW	031	30 kW						
115 115,000 BTU/h	016	15 kW	045	45 kW						
140 140,000 BTU/h	018	18 kW	046	46 kW						
210 210,000 BTU/h	020	20 kW	060	60 kW						
350 350,000 BTU/h	025	25 kW	075	75 kW						
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										
X No Options										
A Downflow Economizer			J = A + H							
B Downflow Economizer / High Altitude Kit			K = B + H							
C Downflow Economizer / High Altitude Kit			L = C + H							
LP Conversion Kit			M = D + H							
D Downflow Economizer / LP Conversion Kit			N = E + H							
E High Altitude Kit			O = F + H							
F High Altitude Kit / LP Conversion Kit			P = G + H							
G LP Conversion Kit										
H Disconnect Switch (non-fused)										

PRODUCT DESIGN

CPG Light Commercial Package Gas Units are designed for outdoor installations only, primarily in light commercial applications and are available in 208-230 volt single phase, 208-230 volt three phase, and 460 volt three phase in 3 thru 6 ton sizes with 1 compressor and 7.5 ton with 2 compressors.

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.**

CPG***XX3D 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.

CPG***XX3B and 3H units have 3 phase belt drive indoor blower motors that are energized through the blower motor contactor.

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.

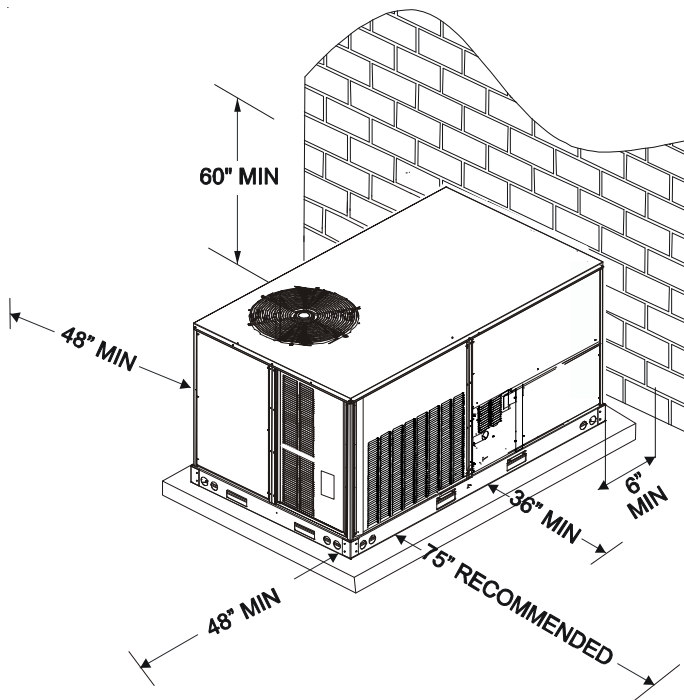
Conditioned air is drawn through the filter(s), across the coil and back into the conditioned space by the indoor blower.

The 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

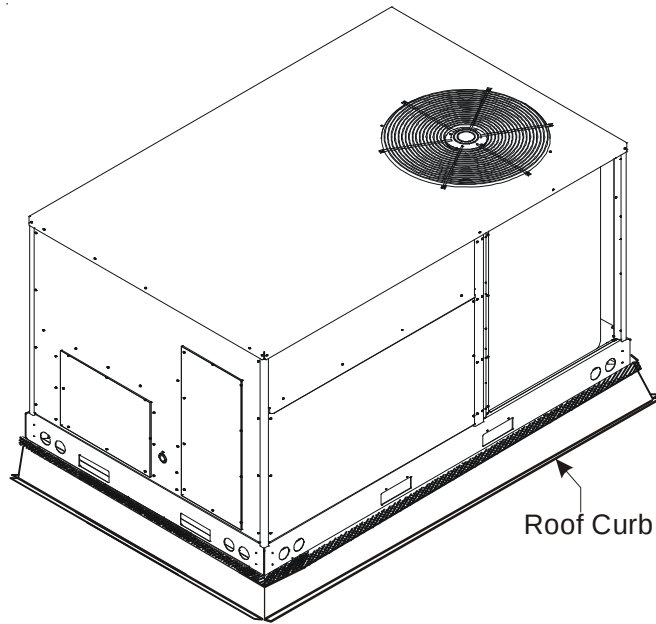


Outside Slab - Multi-positional

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.

PRODUCT DESIGN



Rooftop Installation - Multi-positional

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 ANSIZ223.1.

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.

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

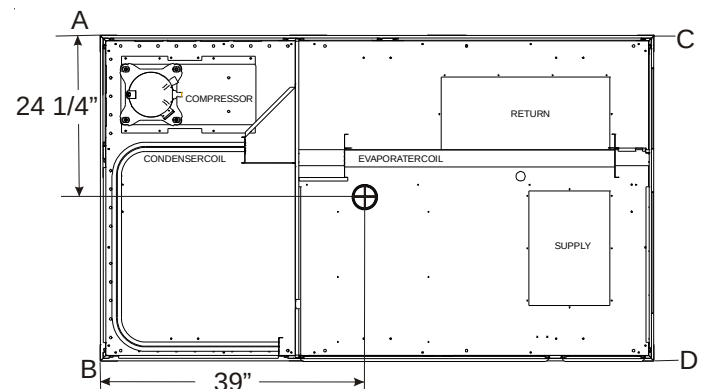
If units are lifted two at a time, the fork holes on the condenser end of the unit must NOT be used. Minimum fork length is 42" to prevent damage to the unit; however, 48" is recommended.

3 - 6 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
CPG072140*	130	215	130	215	37	30

Weights are shown in pounds (Columns A-D).

Columns X & Y are shown in inches.



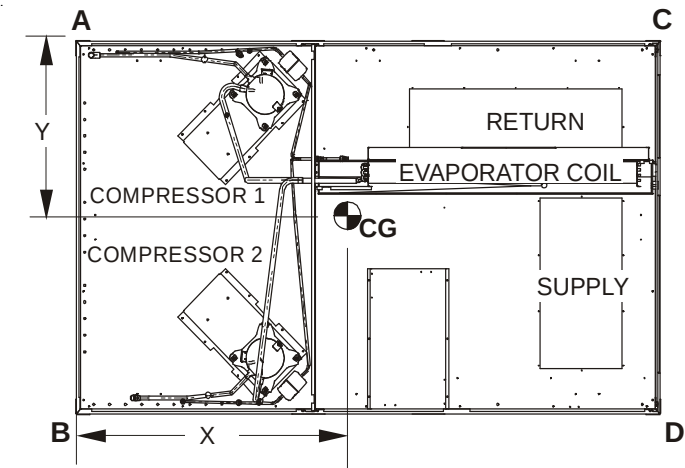
CENTER OF GRAVITY 3 - 6 TONS

PRODUCT DESIGN

7.5 TONS

CPG***XXX**XXX - CORNER WEIGHTS						
Model	A	B	C	D	X	Y
CPG0902103*	225	325	275	400	48	30

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



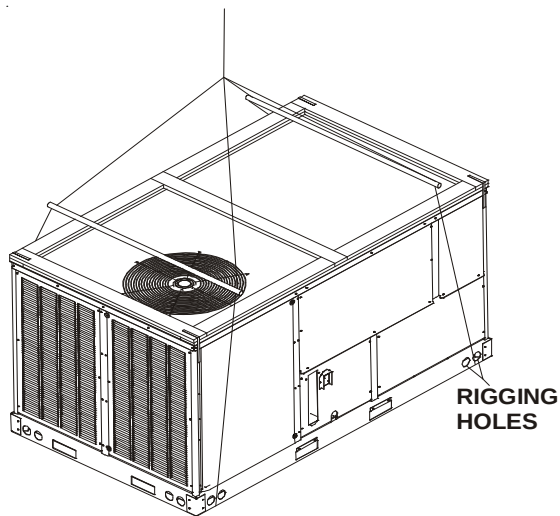
CENTER OF GRAVITY 7.5 TONS

1. Unit must be lifted by the four lifting holes located at the 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.

**CAUTION**

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

Rigging Information



PRODUCT DESIGN

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.

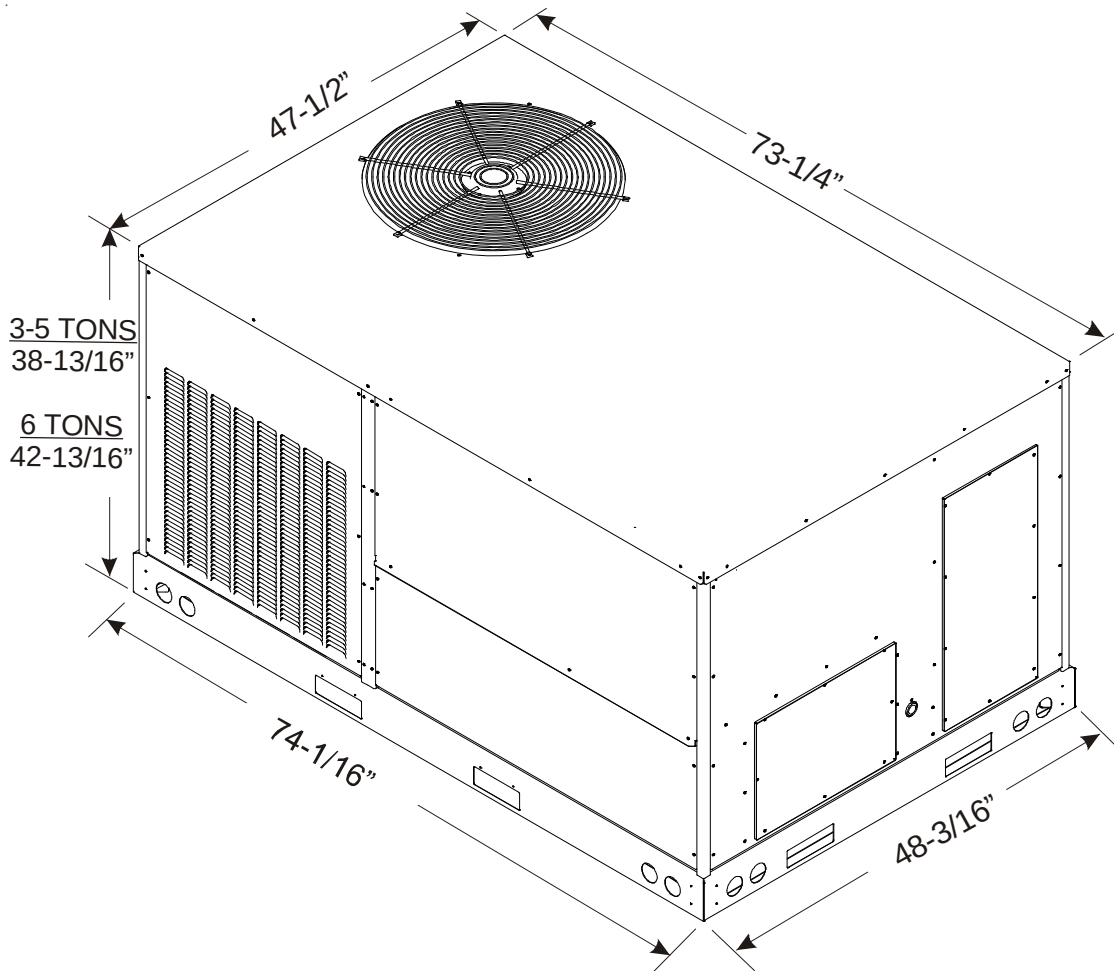
INPUT/BURNER	HIGH ALTITUDE KIT	20,000 BTUH NAT/20,000 BTUH/L.P.							
		ELEVATION ABOVE SEA-LEVEL (FEET)							
		2000	3000	4000	4500	5000	6000	7000	8000
U.S. BURNER ORIFICE	HA-02	45/55	47/55	47/56	-	47/56	48/57	48/58	49/58
CANADA BURNER ORIFICE		45/55	-	-	48/57	-	-	-	-

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	-	-	-	-

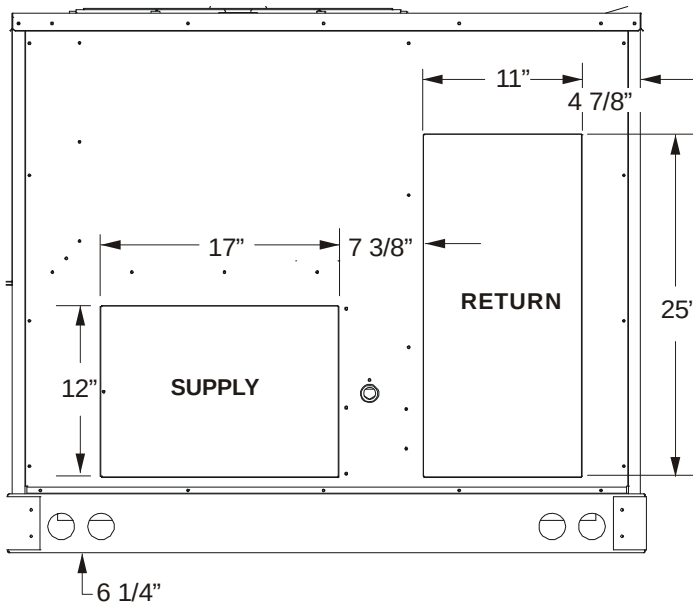
INPUT/BURNER	HIGH ALTITUDE KIT	25,000 BTUH NAT/20,000 BTUH/L.P.							
		ELEVATION ABOVE SEA-LEVEL (FEET)							
		2000	3000	4000	4500	5000	6000	7000	8000
U.S. BURNER ORIFICE	HA-02	43/55	43/55	44/56	-	44/56	44/56	45/57	45/57
CANADA BURNER ORIFICE		43/55	-	-	46/57	-	-	-	-

PRODUCT DIMENSIONS

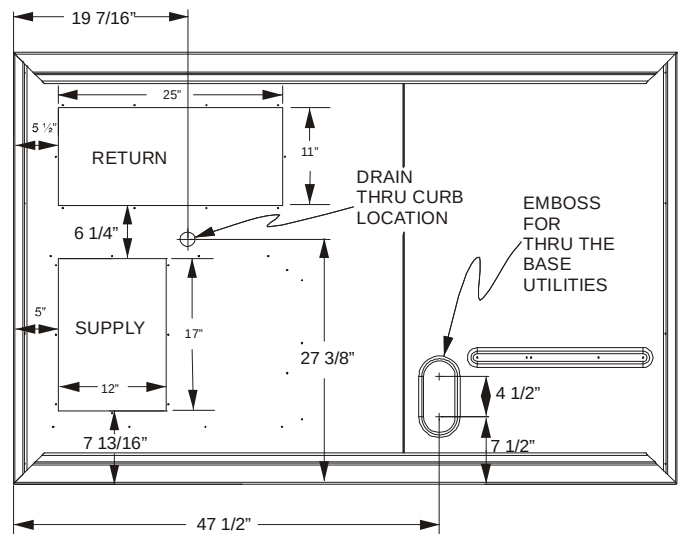
CPG[036-072]XXX3*X*XB*



HORIZONTAL DISCHARGE



VERTICAL DISCHARGE

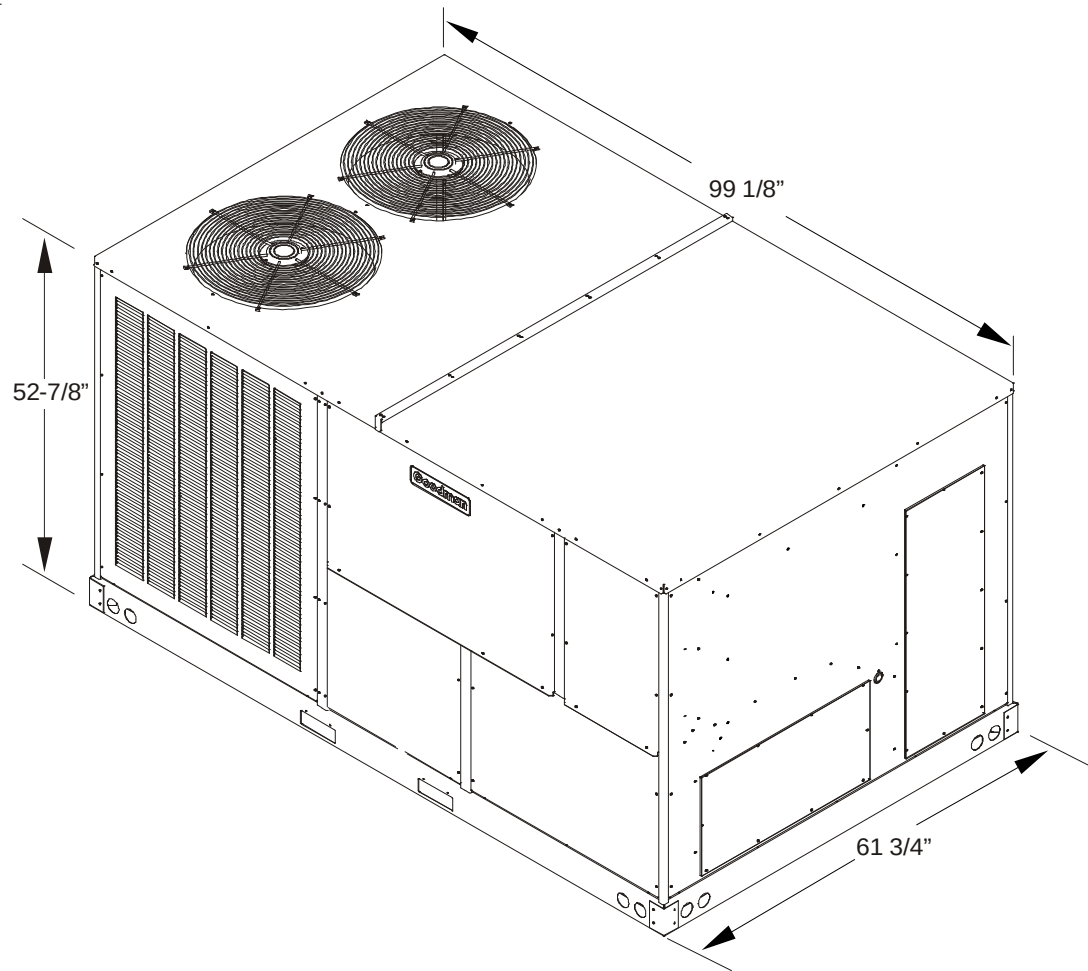


BOTTOM VIEW OF UNIT

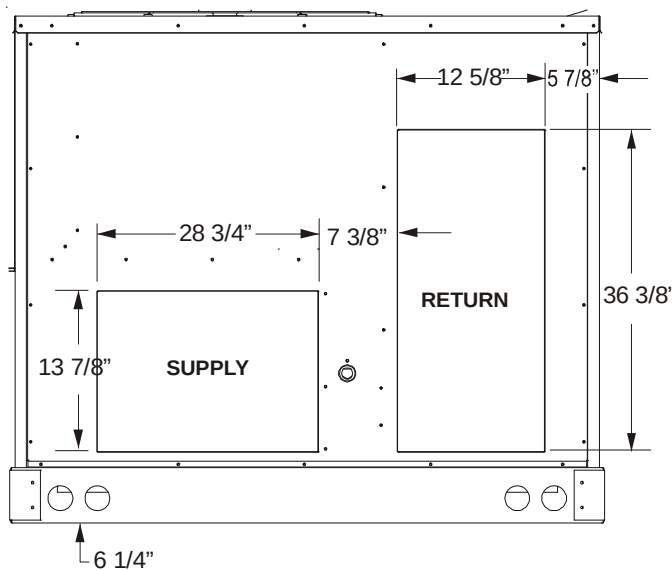
For horizontal discharge, remove the supply and return duct covers and place them over the vertical discharge return and supply openings. Install with insulation facing up, using the longer screws provided in the literature package.

PRODUCT DIMENSIONS

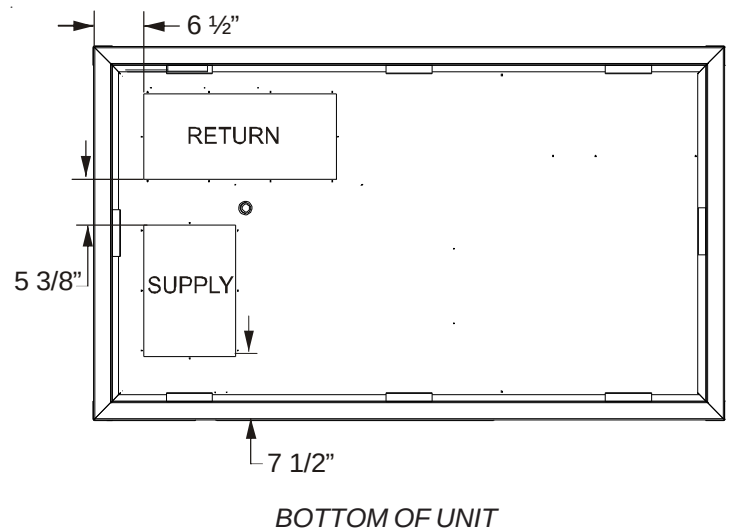
CPG[090]XXX3*X*XB*



HORIZONTAL DISCHARGE



VERTICAL DISCHARGE



BOTTOM OF UNIT

PACKAGE GAS SPECIFICATIONS

CPG036XXX3BX*XB*

		CPG0360453BX*XB*	CPG0360903BX*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 / 55,000
	STEADY STATE EFFY %	80	80
	TEMPERATURE RISE (°F) HI/LOW	25 - 55	40 - 70 / 30 - 60
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/3/60	208-230/3/60
	UNIT AMPS (TOTAL)	15.7	15.7
	MINIMUM CIRCUIT AMPACITY	18	18
	MAXIMUM OVERCURRENT PROTECTION ⁽²⁾	25	25
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	10.4	10.4
	LOCKED ROTOR AMPS	73	73
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4
	RPM	1090	1090
	RATED LOAD AMPS	1.4	1.4
	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	18
	NUMBER OF ROWS	1	1
	FINS PER INCH	24	22
EVAPORATOR BLOWER MOTOR	HORSEPOWER - TYPE - STANDARD	1.0 - STD STATIC BELT DRIVE	1.0 - STD STATIC BELT DRIVE
	NO. OF SPEEDS	1	1
	RATED LOAD AMPS	3.8	3.8
	LOCKED ROTOR AMPS	10.9	10.9
	MOTOR SPEED TAP - COOLING	---	---
	RPM	1725	1725
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	11 X 10	11 X 10
	RATED SCFM COOLING	1200	1200
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.7	0.7
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	(1) 24"X 24" x 2"	(1) 24"X 24" x 2"
	DRAIN SIZE (INCHES)	3/4"	3/4"
	EXPANSION DEVICE	Orifice (0.072)	Orifice (0.068)
	REFRIGERANT CHARGE R-410A (Oz.)	85	83
	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

CPG036XXX3DX*XB*

		CPG0360453DX*XB*	CPG0360903DX*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 / 55,000
	STEADY STATE EFFY %	80	80
	TEMPERATURE RISE (°F) HI/LOW	25 - 55 /	40 - 70 / 30 - 60
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/3/60	208-230/3/60
	UNIT AMPS (TOTAL)	14.4	14.4
	MINIMUM CIRCUIT AMPACITY	17	17
	MAXIMUM OVERCURRENT PROTECTION ⁽²⁾	25	25
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	10.4	10.4
	LOCKED ROTOR AMPS	73	73
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4
	RPM	1090	1090
	RATED LOAD AMPS	1.4	1.4
	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	18
	NUMBER OF ROWS	1	1
	FINS PER INCH	24	22
EVAPORATOR BLOWER MOTOR	HORSEPOWER - TYPE - STANDARD	1/3 - DIRECT DRIVE	1/3 - DIRECT DRIVE
	NO. OF SPEEDS	PSC - 3	PSC - 3
	RATED LOAD AMPS	2.5	2.5
	LOCKED ROTOR AMPS	3.3	3.3
	MOTOR SPEED TAP - COOLING	LOW SPEED	LOW SPEED
	RPM	890	890
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10 x 9	10 x 9
	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	(1) 24"X 24" x 2"	(1) 24"X 24" x 2"
	DRAIN SIZE (INCHES)	3/4"	3/4"
	EXPANSION DEVICE	Orifice (0.072)	Orifice (0.068)
	REFRIGERANT CHARGE R-410A (Oz.)	83	83
	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

CPG048XXX3BX*XB*

		CPG0480903BX*XB*	CPG0481153BX*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
	STEADY STATE EFFY %	80	80
	TEMPERATURE RISE (°F) HI/LOW	30 - 60 / 15 - 45	40-70 / 25-55
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/3/60	208-230/3/60
	UNIT AMPS (TOTAL)	18.3	18.3
	MINIMUM CIRCUIT AMPACITY	22	22
	MAXIMUM OVERCURRENT PROTECTION ⁽²⁾	30	30
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	13.1	13.1
	LOCKED ROTOR AMPS	83.1	83.1
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 - STANDARD	1.0 - STD STATIC BELT DRIVE	1.0 - STD STATIC BELT DRIVE
	NO. OF SPEEDS	1	1
	RATED LOAD AMPS	3.8	3.8
	LOCKED ROTOR AMPS	10.9	10.9
	MOTOR SPEED TAP - COOLING	---	---
	RPM	1725	1725
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	11 x 10	11 x 10
	RATED SCFM COOLING	1600	1600
	MAX EXTERNAL STATIC PRESS ("w.c.)	1.0	1.0
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	140
	AUXILIARY LIMIT SETTING (°F)	145	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.)	105	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

CPG048XXX3DX*XB*

		CPG0480903DX*XB*	CPG0481153DX*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
	STEADY STATE EFFY %	80	80
	TEMPERATURE RISE (°F) HI/LOW	30 - 60 / 15 - 45	40-70 / 25-55
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/3/60	208-230/3/60
	UNIT AMPS (TOTAL)	17.4	17.4
	MINIMUM CIRCUIT AMPACITY	21	21
	MAXIMUM OVERCURRENT PROTECTION ⁽²⁾	30	30
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	13.1	13.1
	LOCKED ROTOR AMPS	83.1	83.1
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 - STANDARD	1/2 - DIRECT DRIVE	1/2 - DIRECT DRIVE
	NO. OF SPEEDS	PSC - 3	PSC - 3
	RATED LOAD AMPS	2.87	2.87
	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.)	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	7.0	7.0
	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	(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

CPG048XXX3H***B*

		CPG0480903H***B*
COOLING CAPACITY	COOLING CAPACITY, BTUH	45,500
	SEER/EER	13/11.3
HEATING CAPACITY	HIGH HEATING INPUT / OUTPUT BTUH	92,000 / 74,000
	LOW HEATING INPUT / OUTPUT BTUH	69,000 / 55,000
	STEADY STATE EFFY %	80
	TEMPERATURE RISE (°F) HI/LOW	30 - 60 / 15 - 45
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/3/60
	UNIT AMPS (TOTAL)	19.5
	MINIMUM CIRCUIT AMPACITY	22.8
	MAXIMUM OVERCURRENT PROTECTION ⁽²⁾	35
HEATING SECTION	NUMBER OF BURNERS	4
	ORIFICE SIZE NATURAL	43
	ORIFICE SIZE LP	55
	PRESSURE SWITCH SETTING	0.34
COMPRESSOR	TYPE	SCROLL
	RATED LOAD AMPS	13.1
	LOCKED ROTOR AMPS	83.1
CONDENSER FAN MOTOR	HORSEPOWER	1/4
	RPM	1090
	RATED LOAD AMPS	1.40
	LOCKED ROTOR AMPS	2.9
CONDENSER FAN	BLADE DIAMETER (") / # OF BLADES	22/4
	NOMINAL CFM	3,800
CONDENSER COIL	FACE AREA - SQ. FT.	17
	NUMBER OF ROWS	1
	FINS PER INCH	24
EVAPORATOR BLOWER MOTOR	HORSEPOWER - TYPE - STANDARD	1.5 - HIGH STATIC BELT DRIVE
	NO. OF SPEEDS	1
	RATED LOAD AMPS	5
	LOCKED ROTOR AMPS	18
	MOTOR SPEED TAP - COOLING	---
	RPM	1725
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	11 x 10
	RATED SCFM COOLING	1600
	MAX EXTERNAL STATIC PRESS ("w.c.)	1.6
EVAPORATOR COIL	FACE AREA - SQ. FT.	7.8
	NUMBER OF ROWS	4
	FINS PER INCH	16
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	140
	AUXILIARY LIMIT SETTING (°F)	145
	ROLLOUT LIMIT SETTING (°F)	350
GENERAL INFORMATION	FILTER SIZE - SQ. FT.	(4) 14"X 20" x 2"
	DRAIN SIZE (INCHES)	3/4"
	EXPANSION DEVICE	Orifice (0.076)
	REFRIGERANT CHARGE R-410A (Oz.)	105
	POWER SUPPLY CONDUIT HOLE (")	1.125
	LOW VOLTAGE CONDUIT HOLE	1/2"
	LOW PRESSURE SWITCH (OPEN/CLOSE-PSIG)	22/50
	HIGH PRESSURE SWITCH (OPENS-PSIG)	660
	SHIPPING WEIGHT LBS.	600
	OPERATING WEIGHT LBS.	575

(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

CPG060XXX3BX*XB*

	CPG0600903BX*XB*	CPG0601403BX*XB*
COOLING CAPACITY, BTUH	59,500	59,500
SEER/EER	13/11.0	13/11.0
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
STEADY STATE EFFY %	80	80
TEMPERATURE RISE (°F) HI/LOW	20 - 50 / 15 - 45	35 - 65 / 25 - 55
VOLTAGE (NAMEPLATE)	208-230/3/60	208-230/3/60
UNIT AMPS (TOTAL)	21.2	21.2
MINIMUM CIRCUIT AMPACITY	25	25
MAXIMUM OVERCURRENT PROTECTION ⁽²⁾	40	40
NUMBER OF BURNERS	4	6
ORIFICE SIZE NATURAL	43	43
ORIFICE SIZE LP	55	55
PRESSURE SWITCH SETTING	0.34	0.34
TYPE	SCROLL	SCROLL
RATED LOAD AMPS	16	16
LOCKED ROTOR AMPS	110	110
HORSEPOWER	1/4	1/4
RPM	1090	1090
FULL LOAD AMPS	1.4	1.4
LOCKED ROTOR AMPS	2.9	2.9
BLADE DIAMETER(") / # OF BLADES	22/4	22/4
NOMINAL CFM	3,800	3,800
FACE AREA - SQ. FT.	17	17
NUMBER OF ROWS	2	2
FINS PER INCH	18	18
HORSEPOWER - TYPE	1.0 - STD STATIC BELT DRIVE	1.0 - STD STATIC BELT DRIVE
NO. OF SPEEDS	1	1
FULL LOAD AMPS	3.8	3.8
LOCKED ROTOR AMPS	24	24
MOTOR SPEED TAP - COOLING	---	---
RPM	1725	1725
DIAMETER X WIDTH (INCHES)	11 X 10	11 X 10
RATED SCFM COOLING	2000	2000
MAX EXTERNAL STATIC PRESS ("w.c.)	1.0	1.0
FACE AREA - SQ. FT.	7.8	7.8
NUMBER OF ROWS	4	4
FINS PER INCH	16	16
PRIMARY LIMIT SETTING (°F)	160	220
AUXILIARY LIMIT SETTING (°F)	145	145
ROLLOUT LIMIT SETTING (°F)	350	350
FILTER SIZE	(4) 14"X 20" x 2"	(4) 14"X 20" x 2"
DRAIN SIZE (INCHES)	3/4"	3/4"
EXPANSION DEVICE - SIZE	ORIFICE (0.086)	ORIFICE (0.086)
REFRIGERANT CHARGE R-410A (Oz.)	162	162
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.	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.

PACKAGE GAS SPECIFICATIONS

CPG060XXX3DX*XB*

		CPG0600903DX*XB*
COOLING CAPACITY	COOLING CAPACITY, BTUH	59,500
	SEER/EER	13/11.3
HEATING CAPACITY	HIGH HEATING INPUT / OUTPUT BTUH	92,000 / 74,000
	LOW HEATING INPUT / OUTPUT BTUH	69,000 / 55,000
	STEADY STATE EFFY %	80
	TEMPERATURE RISE (°F) HI/LOW	20 - 50 / 15 - 45
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/3/60
	UNIT AMPS (TOTAL)	25
	MINIMUM CIRCUIT AMPACITY	29
	MAXIMUM OVERCURRENT PROTECTION ⁽²⁾	40
HEATING SECTION	NUMBER OF BURNERS	4
	ORIFICE SIZE NATURAL	43
	ORIFICE SIZE LP	55
	PRESSURE SWITCH SETTING	0.34
COMPRESSOR	TYPE	SCROLL
	RATED LOAD AMPS	16
	LOCKED ROTOR AMPS	110
CONDENSER FAN MOTOR	HORSEPOWER	1/4
	RPM	1090
	FULL LOAD AMPS	1.4
	LOCKED ROTOR AMPS	2.9
CONDENSER FAN	BLADE DIAMETER(") / # OF BLADES	22/4
	NOMINAL CFM	3,800
CONDENSER COIL	FACE AREA - SQ. FT.	17
	NUMBER OF ROWS	2
	FINS PER INCH	18
EVAPORATOR BLOWER MOTOR	HORSEPOWER - TYPE	1.0 - DIRECT DRIVE
	NO. OF SPEEDS	EEM- 5
	FULL LOAD AMPS	7.6
	LOCKED ROTOR AMPS	--
	MOTOR SPEED TAP - COOLING	T4
	RPM	1050
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	11 X 10
	RATED SCFM COOLING	2000
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.9

(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

CPG060XXX3H***B*

		CPG0601403HAACB*
COOLING CAPACITY	COOLING CAPACITY, BTUH	59,500
	SEER/EER	13/11.0
HEATING CAPACITY	HIGH HEATING INPUT / OUTPUT BTUH	138,000 / 110,400
	LOW HEATING INPUT / OUTPUT BTUH	103,000 / 83,000
	STEADY STATE EFFY %	80
	TEMPERATURE RISE (°F) HI/LOW	35 - 65 / 25 - 55
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/3/60
	UNIT AMPS (TOTAL)	22.4
	MINIMUM CIRCUIT AMPACITY	26.4
	MAXIMUM OVERCURRENT PROTECTION ⁽²⁾	40
HEATING SECTION	NUMBER OF BURNERS	6
	ORIFICE SIZE NATURAL	43
	ORIFICE SIZE LP	55
	PRESSURE SWITCH SETTING	0.34
COMPRESSOR	TYPE	SCROLL
	RATED LOAD AMPS	16
	LOCKED ROTOR AMPS	110
CONDENSER FAN MOTOR	HORSEPOWER	1/4
	RPM	1090
	FULL LOAD AMPS	1.4
	LOCKED ROTOR AMPS	2.9
CONDENSER FAN	BLADE DIAMETER (") / # OF BLADES	22/4
	NOMINAL CFM	3,800
CONDENSER COIL	FACE AREA - SQ. FT.	17
	NUMBER OF ROWS	2
	FINS PER INCH	18
EVAPORATOR BLOWER MOTOR	HORSEPOWER - TYPE	1.5 - HIGH STATIC BELT DRIVE
	NO. OF SPEEDS	1
	FULL LOAD AMPS	5
	LOCKED ROTOR AMPS	18
	MOTOR SPEED TAP - COOLING	---
	RPM	1725
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	11 X 10
	RATED SCFM COOLING	2000
	MAX EXTERNAL STATIC PRESS ("w.c.)	1.6
EVAPORATOR COIL	FACE AREA - SQ. FT.	7.8
	NUMBER OF ROWS	4
	FINS PER INCH	16
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	220
	AUXILIARY LIMIT SETTING (°F)	145
	ROLLOUT LIMIT SETTING (°F)	350
GENERAL INFORMATION	FILTER SIZE	(4) 14"X 20" x 2"
	DRAIN SIZE (INCHES)	3/4"
	EXPANSION DEVICE - SIZE	ORIFICE (0.086)
	REFRIGERANT CHARGE R-410A (Oz.)	162
	POWER SUPPLY CONDUIT HOLE (")	1.125
	LOW VOLTAGE CONDUIT HOLE	1/2"
	LOW PRESSURE SWITCH (OPEN/CLOSE-PSIG)	22/50
	HIGH PRESSURE SWITCH (OPENS-PSIG)	660
	SHIPPING WEIGHT LBS.	655
	OPERATING WEIGHT LBS.	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.

PACKAGE GAS SPECIFICATIONS

CPG072XXX3****B*

		CPG0721403BX*XB*	CPG0721403H***B*
COOLING CAPACITY	COOLING CAPACITY, BTUH	71,000	71,000
	SEER/EER	13/11.1	13/11.1
HEATING CAPACITY	HIGH HEATING INPUT / OUTPUT BTUH	138,000 / 110,400	138,000 / 110,400
	LOW HEATING INPUT / OUTPUT BTUH	103,000 / 83,000	103,000 / 83,000
	STEADY STATE EFFY %	80	80
	TEMPERATURE RISE (°F) HI/LOW	35 - 65 / 25 - 55	35 - 65 / 25 - 55
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/3/60	208-230/3/60
	UNIT AMPS (TOTAL)	22.4	25.2
	MINIMUM CIRCUIT AMPACITY	31	33.5
	MAXIMUM OVERCURRENT PROTECTION ⁽²⁾	45	50
HEATING SECTION	NUMBER OF BURNERS	6	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	16	16
	LOCKED ROTOR AMPS	110	110
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4
	RPM	1090	1090
	FULL LOAD AMPS	1.4	1.4
	LOCKED ROTOR AMPS	4.0	4.0
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	1.5 - STD STATIC BELT DRIVE	2.0 - HIGH STATIC BELT DRIVE
	NO. OF SPEEDS	1	1
	FULL LOAD AMPS	5	7.8
	LOCKED ROTOR AMPS	18	40
	MOTOR SPEED TAP - COOLING	---	--
	RPM	1725	1725
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	11 X 10	11 X 10
	RATED SCFM COOLING	2000	2000
	MAX EXTERNAL STATIC PRESS ("w.c.)	1.0	1.8
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	140
	AUXILIARY LIMIT SETTING (°F)	150	150
	ROLLOUT LIMIT SETTING (°F)	350	350
GENERAL INFORMATION	FILTER SIZE	(4) 14"X 20" x 2"	(4) 14"X 20" x 2"
	DRAIN SIZE (INCHES)	3/4"	3/4"
	EXPANSION DEVICE - SIZE	ORIFICE (0.086)	ORIFICE (0.086)
	REFRIGERANT CHARGE R-410A (Oz.)	213	213
	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.	715	715
	OPERATING WEIGHT LBS.	690	690

(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

CPG0902103*XXXB*

		CPG0902103BXXX	CPG0902103HXXX
COOLING CAPACITY	COOLING CAPACITY, BTUH	88,000	88,000
	EER	11.2	11.2
HEATING CAPACITY	HEATING INPUT	210,000	210,000
	HEATING OUTPUT	168,000	168,000
	STEADY STATE EFFY %	80	80
	TEMPERATURE RISE (°F)	35 - 65	35 - 65
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/3/60	208-230/3/60
	UNIT AMPS (TOTAL)	34.0	36.8
	MINIMUM CIRCUIT AMPACITY	37.3	40.1
	MAXIMUM OVERCURRENT PROTECTION ⁽¹⁾	50	60
HEATING SECTION	NUMBER OF BURNERS	6	6
	ORIFICE SIZE NATURAL	34	34
	ORIFICE SIZE LP	52	52
	PRESSURE SWITCH SETTING	0.34	0.34
COMPRESSOR	TYPE	SCROLL	SCROLL
	RATED LOAD AMPS	13.1	13.1
	LOCKED ROTOR AMPS	83.1	83.1
CONDENSER FAN MOTOR	QUANTITY OF CONDENSER FAN MOTORS	2	2
	HORSEPOWER	1/4	1/4
	RPM	1075	1075
	RATED LOAD AMPS	1.4	1.4
	LOCKED ROTOR AMPS	2.9	2.9
CONDENSER FAN	BLADE DIAMETER(") / # OF BLADES	22/4	22/4
	NOMINAL CFM	7,600	7,600
CONDENSER COIL	FACE AREA - SQ. FT.	26.5	26.5
	NUMBER OF ROWS	2	2
	FINS PER INCH	22	22
EVAPORATOR BLOWER MOTOR	HORSEPOWER - TYPE - STANDARD	1.5 - STD STATIC BELT DRIVE	2.0 - HIGH STATIC BELT DRIVE
	NO. OF SPEEDS	1	1
	RATED LOAD AMPS	5.0	7.8
	LOCKED ROTOR AMPS	18	40
	MOTOR SPEED TAP - COOLING	---	---
	RPM	1745	1725
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	15X12	15X12
	RATED SCFM COOLING	3000	3000
	MAX EXTERNAL STATIC PRESS ("w.c.)	1.0	2.0
EVAPORATOR COIL	FACE AREA - SQ. FT.	8.9	8.9
	NUMBER OF ROWS	4	4
	FINS PER INCH	16	16
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	200	200
	AUXILIARY LIMIT SETTING (°F)	150	150
	ROLLOUT LIMIT SETTING (°F)	350	350
GENERAL INFORMATION	FILTER SIZE	(4) 16 X 20 x 2	(4) 16 X 20 x 2
	DRAIN SIZE (INCHES)	3/4"	3/4"
	EXPANSION DEVICE	Orifice (0.078)	Orifice (0.078)
	REFRIGERANT CHARGE R-410A (Oz.) CIR #1	175	175
	REFRIGERANT CHARGE R-410A (Oz.) CIR #2	175	175
	POWER SUPPLY ENTRANCE SIZE (INCHES)	Locating Dimple	Locating Dimple
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	Locating Dimple	Locating Dimple
	LOW PRESSURE SWITCH (OPEN/CLOSE-PSIG)	22/50	22/50
	HIGH PRESSURE SWITCH (OPENS-PSIG)	660	660
	SHIPPING WEIGHT LBS.	1250	1250
	OPERATING WEIGHT LBS.	1210	1210

⁽¹⁾ Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted.

** Complete listing of EHK kits can be found on Electrical Data Page.

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

Unit specifications are subject to change without notice. **ALWAYS** refer to the units serial plate for the most up-to-date general and electrical information.

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. Data shown is w/o electric heaters.

ACCESSORIES

CPC/CPH/CPG ACCESSORIES	
14CURB3672B	3 - 6 Ton Roof Curb 14" Tall 'B' Chassis
14CURB90150	7.5 Ton Roof Curb 14" Tall A & B Chassis
DNECONGS3672B	3 - 6 Ton Downflow Economizer for CPC 'B' Chassis
DNECONGS90120	7.5 Ton Downflow Economizer for CPC/CPG A & B Chassis
DNECONGS3672B-NR	3 - 6 Ton Downflow Economizer for CPC 'B' Chassis W/O Barometric Relief
HZECONGS3672B	3 - 6 Ton Horizontal Economizer for CPC 'B' Chassis
DNECONHP90120	7.5 Ton Downflow Economizer for CPH A & B Chassis
DNECONHP3672B	3 - 6 Ton Downflow Economizer for CPH 'B' Chassis
DNECONHP3672DB	3 - 6 Ton Downflow Economizer for CPH Dry Bulb
HZECONHP3672B	3 - 6 Ton Horizontal Economizer for CPH 'B' Chassis
HZECONHP90150	7.5 Ton Horizontal Economizer for CPH A & B Chassis
25FD3672	3 - 6 Ton 25% Manual Fresh Air Damper
25FD90150	7.5 Ton 25% Manual Fresh Air Damper A & B Chassis
25MFD3672	3 - 6 Ton 25% Motorized Fresh Air Damper
25MFD90150	7.5 Ton 25% Motorized Fresh Air Damper A & B Chassis
PE36722B	3 - 6 Ton Power Exhaust 208/230v CP* Unit 'B' Chassis
PE901502	7.5 Ton Power Exhaust 208/230v CPH Unit A & B Chassis
PE36724B	3 - 6 Ton Power Exhaust 460v CP* Unit 'B' Chassis
PE901504	7.5 Ton Power Exhaust 460v CPH Unit A & B Chassis
BRD3672	Barometric Relief Damper
CDK36	3 Ton Concentric Duct Kit
CDK4872	4 - 6 Ton Concentric Duct Kit
CDK90102	7.5 Ton Concentric Duct Kit A & B Chassis
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
DNSQRRND90	7.5 Ton Downflow Square to Round Adapter 20" Round A & B Chassis
HAILGD03	Hail Guard Kit 3 - 5 Tons
HAILGD04	Hail Guard Kit - 6 Tons
HAILGD02	Hail Guard Kit - 7.5 Ton A & B Chassis
SPKT01	Single Point Kit - Single Phase 3 - 6 ton B Chassis only
SPKT02	Single Point Kit - Three Phase 3 - 6 Ton Chassis only
LAKT01	Low Ambient Kit
LAKT-02	Low Ambient Kit - 7.5 Ton A & B Chassis
EHK*-	Heater Kits
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
HSKT072B	High Static Kits for 6 Ton Belt Drive
IRKT-01	Isolation Realy Kit - CPH only
GFCI	Convenience Outlet 3 - 6 Ton Chassis only
OT18-60A	Outdoor Thermostat - All models

** Complete listing of EHK kits listed on electrical data page in this manual

***NOTE: High static airflow requires installation of high static kit (HSKT*), or factory-built High Static model.

BLOWER PERFORMANCE DATA

CPG036***3DX*XB*

DIRECT DRIVE - 3 TON

CPG 036 DIRECT DRIVE DOWNSHOT

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***3DX*XB*

DIRECT DRIVE - 4 TON

CPG 048 DIRECT DRIVE DOWNSHOT

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***3DX*XB*

DIRECT DRIVE - 5 TON

CPG 060 DIRECT DRIVE DOWNSHOT

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.

BLOWER PERFORMANCE DATA

CPG036XXX3BX*XB*

BELT DRIVE - 3 TON

CPG036 STANDARD BELT DRIVE HORIZONTAL FLOW												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2									1524	0.32	1340	0.25
0.4					1628	0.41	1396	0.32	1171	0.24	900	0.16
0.6			1541	0.43	1284	0.32	1024	0.23	714	0.14		
0.8	1444	0.45	1193	0.33	936	0.24						
1.0	1111	0.34	806	0.23								
1.2	744	0.22										

CPG036 HIGH STATIC BELT DRIVE HORIZONTAL FLOW												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6									1568	0.45	1266	0.32
0.8							1492	0.47	1194	0.34	922	0.23
1.0					1476	0.52	1163	0.37	856	0.24		
1.2			1458	0.57	1146	0.41	802	0.25				
1.4	1458	0.63	1139	0.46	782	0.30						
1.6	1139	0.52	844	0.36								
1.8	844	0.42										

CPG036 STANDARD BELT DRIVE DOWNSHOT												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2							1596	0.36	1368	0.28	1162	0.21
0.4					1468	0.37	1224	0.28	981	0.20		
0.6	1610	0.51	1383	0.39	1124	0.28	856	0.19				
0.8	1293	0.40	1021	0.29	776	0.20						
1.0	948	0.29	614	0.17								

CPG036 HIGH STATIC BELT DRIVE DOWNSHOT												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6							1655	0.53	1389	0.39	1103	0.28
0.8					1640	0.57	1342	0.43	1035	0.29	775	0.19
1.0			1638	0.63	1326	0.47	1002	0.32	713	0.19		
1.2	1638	0.69	1307	0.52	984	0.36						
1.4	1307	0.58	1002	0.42								
1.6	1002	0.48	717	0.32								
1.8	717	0.38										

NOTES:

Factory shipped at 2.5 turns open.

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

SCFM correction for wet coil = 4%.

*** **NOTE:** High static airflow requires installation of high static kit (HSKT*), or factory-built High Static model.

BLOWER PERFORMANCE DATA

CPG048XXX3BX*XB*

BELT DRIVE - 4 TON

CPG048 STANDARD BELT DRIVE HORIZONTAL FLOW												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2									1800	0.47	1556	0.35
0.4					2002	0.65	1708	0.49	1438	0.36	1167	0.22
0.6			1910	0.67	1612	0.50	1330	0.37	1030	0.23		
0.8	1813	0.69	1571	0.54	1222	0.36	989	0.25				
1.0	1478	0.56	1142	0.32								
1.2	1107	0.41										

CPG048 HIGH STATIC BELT DRIVE HORIZONTAL FLOW												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6									1894	0.66	1585	0.49
0.8							1839	0.71	1532	0.53	1223	0.37
1.0					1782	0.73	1477	0.55	1170	0.39		
1.2			1786	0.80	1445	0.59	1115	0.40				
1.4	1764	0.86	1426	0.64	1107	0.46						
1.6	1446	0.72	1098	0.50								
1.8	1099	0.56										

CPG048 STANDARD BELT DRIVE DOWNSHOT												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2							1891	0.56	1632	0.42	1391	0.30
0.4					1796	0.57	1533	0.43	1290	0.31	1055	0.19
0.6	1948	0.74	1744	0.61	1446	0.44	1206	0.32	910	0.19		
0.8	1654	0.63	1409	0.48	1096	0.31						
1.0	1337	0.50	987	0.28								

CPG048 HIGH STATIC BELT DRIVE DOWNSHOT												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6							1989	0.77	1712	0.59	1433	0.44
0.8					1929	0.79	1662	0.63	1384	0.47	1106	0.33
1.0			1952	0.88	1622	0.67	1335	0.49	1056	0.34		
1.2	1897	0.93	1611	0.73	1315	0.54	1008	0.36				
1.4	1616	0.80	1298	0.59	1007	0.42						
1.6	1316	0.66	1007	0.46								
1.8												

NOTES:

Factory shipped at 2.5 turns open.

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

SCFM correction for wet coil = 4%.

*** **NOTE:** High static airflow requires installation of high static kit (HSKT*), or factory-built High Static model.

BLOWER PERFORMANCE DATA

CPG060XXX3BX*XB*

BELT DRIVE - 5 TON

CPG060 STANDARD BELT DRIVE HORIZONTAL FLOW												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2					2460	0.96	2251	0.80	2073	0.65	1862	0.51
0.4			2408	1.00	2206	0.84	1982	0.68	1808	0.55	1572	0.41
0.6	2402	1.08	2173	0.89	1943	0.72	1701	0.55	1511	0.43		
0.8	2153	0.95	1917	0.77	1667	0.59						
1.0	1888	0.82	1634	0.63								
1.2	1601	0.67										

CPG060 HIGH STATIC BELT DRIVE HORIZONTAL FLOW												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6									2219	0.95	1970	0.75
0.8							2215	1.04	1956	0.82	1697	0.62
1.0					2240	1.15	1957	0.90	1681	0.67		
1.2			2260	1.26	1983	1.00	1683	0.74				
1.4	2288	1.38	2009	1.10	1711	0.84						
1.6	2032	1.21	1741	0.93								
1.8	1776	1.04										

CPG060 STANDARD BELT DRIVE DOWNSHOT												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2			2210	0.91	2041	0.76	1869	0.63	1739	0.52	1565	0.40
0.4	2197	0.98	2021	0.82	1841	0.67	1660	0.54	1521	0.44	1339	0.32
0.6	2002	0.88	1822	0.72	1635	0.58	1445	0.44	1288	0.35		
0.8	1799	0.77	1610	0.62	1425	0.48						
1.0	1587	0.67	1384	0.51								

CPG060 HIGH STATIC BELT DRIVE DOWNSHOT												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6					2262	1.16	2051	0.95	1851	0.76	1657	0.60
0.8			2277	1.27	2070	1.05	1852	0.84	1646	0.66		
1.0	2304	1.39	2089	1.15	1872	0.93	1647	0.72				
1.2	2104	1.26	1893	1.03	1668	0.81						
1.4	1912	1.13	1690	0.90								
1.6	1720	1.00										

NOTES:

Factory shipped at 2.5 turns open.

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

SCFM correction for wet coil = 4%.

*** **NOTE:** High static airflow requires installation of high static kit (HSKT*), or factory-built High Static model.

BLOWER PERFORMANCE DATA

CPG072XXX3BX*XB*

BELT DRIVE - 6 TON

CPG 072 STANDARD BELT DRIVE DOWNSHOT												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2					2625	1.18	2486	1.02	2322	0.83	2152	0.68
0.4	2765	1.52	2596	1.28	2476	1.09	2327	0.94	2159	0.75	1938	0.59
0.6	2650	1.43	2452	1.18	2325	1.00	2070	0.80	1898	0.64		
0.8	2443	1.29	2251	1.06	2068	0.86	1868	0.71				
1	2258	1.17	2040	0.94	1806	0.73						
1.2	2021	1.02										

CPG 072 HIGH STATIC BELT DRIVE DOWNSHOT												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6					2793	1.64	2575	1.37	2407	1.15	2250	0.96
0.8			2775	1.76	2638	1.53	2407	1.25	2226	1.04	2011	0.84
1	2821	1.89	2660	1.67	2407	1.36	2194	1.12	2012	0.92		
1.2	2696	1.79	2497	1.54	2228	1.23	1977	0.98				
1.4	2455	1.59	2236	1.35	2013	1.10						
1.6	2262	1.44	2032	1.20								
1.8	2069	1.30										

CPG 072 STANDARD BELT DRIVE HORIZONTAL FLOW												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2							2749	1.18	2573	0.96	2402	0.79
0.4					2680	1.22	2544	1.06	2346	0.84	2164	0.68
0.6			2655	1.31	2498	1.10	2306	0.92	2094	0.72	1890	0.57
0.8	2703	1.47	2486	1.20	2263	0.97	2076	0.81				
1	2515	1.34	2272	1.07	2002	0.83						
1.2	2253	1.16	2028	0.93								

CPG 072 HIGH STATIC BELT DRIVE HORIZONTAL FLOW												
	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
ESP (IN W.C.)	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6									2677	1.29	2486	1.07
0.8							2690	1.42	2529	1.20	2263	0.94
1					2740	1.60	2471	1.27	2246	1.02	1972	0.79
1.2			2748	1.74	2518	1.44	2255	1.13	1970	0.87		
1.4	2797	1.87	2562	1.59	2273	1.27	2025	0.99				
1.6	2556	1.67	2314	1.40	2035	1.11						
1.8	2342	1.50	2037	1.21								
2	2137	1.35										

NOTES:

Factory shipped at 2.5 turns open.

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

SCFM correction for wet coil = 4%.

*** **NOTE:** High static airflow requires installation of high static kit (HSKT*), or factory-built High Static model.

BLOWER PERFORMANCE DATA

CPG090XXX3BX*XB*

BELT DRIVE - 7.5 TON

CPG090 STANDARD BELT DRIVE DOWN SHOT																		
ESP, In H ₂ O	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
0.1										3522	750	1.14	3228	706	0.94	2964	661	0.73
0.3							3337	800	1.19	3102	756	1	2800	706	0.76	2504	661	0.59
0.5				3387	844	1.32	2834	806	0.99	2603	757	0.8						
0.7	3453	893	1.5	2903	850	1.12												
0.9	2957	899	1.29															

CPG090 STANDARD BELT DRIVE HORIZONTAL																		
ESP, In H ₂ O	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
0.1													3381	703	0.99	3078	659	0.78
0.3							3560	796	1.26	3271	747	1.02	2946	703	0.82	2604	659	0.63
0.5				3492	841	1.36	3159	799	1.09	2819	752	0.86						
0.7	3453	891	1.5	3094	846	1.18												
0.9	2964	896	1.29	2524	852	0.96												
1.1	2537	902	1.08															

NOTES:

Factory shipped at 2.5 turns open.

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

SCFM correction for wet coil = 4%.

*** **NOTE:** High static airflow requires installation of high static kit (HSKT*), or factory-built High Static model.

BLOWER PERFORMANCE DATA

CPG036XXX3*X*XB*

MODEL: CPG036XXX**XXX EXPANDED PERFORMANCE DATA COOLING OPERATION

IDB*		Outdoor Ambient Temperature																																																
		65														75							85							95							105							115						
		Entering Indoor Wet Bulb Temperature																																																
Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																		
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	-	27.8	28.8	31.5	-	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	-	0.83	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	-	16	14	10	-	16	14	10	-																	
	HI PR	221	237	251	-	247	266	281	-	281	303	320	-	321	345	364	-	361	388	410	-	398	429	453	-	398	429	453	-	398	429	453	-																	
	LO PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	144	-	130	138	150	-	134	143	156	-	134	143	156	-	134	143	156	-																	
70 70	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	-	26.9	27.9	30.6	-	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	-	0.79	0.66	0.46	-	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	-	16	14	11	-	16	14	11	-																	
	HI PR	218	235	248	-	245	264	278	-	279	300	317	-	317	342	361	-	357	384	406	-	394	425	448	-	394	425	448	-	394	425	448	-																	
	LO PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-	133	141	154	-	133	141	154	-																	
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	-	24.9	25.8	28.2	-	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	-	0.76	0.64	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	-	17	14	11	-	17	14	11	-																	
	HI PR	212	228	241	-	238	256	270	-	270	291	307	-	308	331	350	-	346	373	394	-	383	412	435	-	383	412	435	-	383	412	435	-																	
	LO PR	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-	129	137	149	-	129	137	149	-																	

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
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	133	141	120	128	139	148	126	134	146	155	130	138	151	161

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.

BLOWER PERFORMANCE DATA

CPG036XXX3*X*XB*

MODEL: CPG036XXX**XXX EXPANDED PERFORMANCE DATA COOLING OPERATION

		Outdoor Ambient Temperature																															
		65				75				85				95				105				115											
		Entering Indoor Wet Bulb Temperature																															
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
	MBh	35.1	35.9	38.3	41.0	34.3	35.0	37.4	40.0	33.5	34.2	36.5	39.0	32.6	33.4	35.6	38.1	31.0	31.7	33.9	36.2	28.7	29.4	31.4	33.5								
	S/T	0.90	0.85	0.69	0.51	0.93	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59								
	Delta T	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	21	21	18	14	20	19	17	13								
	HI PR	225	242	256	267	253	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	407	438	462	482								
	LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169								
80	MBh	34.1	34.8	37.2	39.8	33.3	34.0	36.3	38.8	32.5	33.2	35.5	37.9	31.7	32.4	34.6	37.0	30.1	30.8	32.9	35.1	27.9	28.5	30.4	32.5								
	S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56								
	Delta T	22	22	19	15	23	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	403	433	457	477								
	LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167								
	MBh	31.4	32.1	34.3	36.7	30.7	31.4	33.5	35.8	30.0	30.6	32.7	35.0	29.3	29.9	31.9	34.1	27.8	28.4	30.3	32.4	25.7	26.3	28.1	30.0								
	S/T	0.83	0.78	0.63	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.94	0.89	0.72	0.54	0.95	0.89	0.73	0.54								
	Delta T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	16	23	22	19	15	21	21	18	14								
	HI PR	216	233	246	256	243	261	276	287	276	297	313	327	314	338	357	372	353	380	402	419	390	420	444	463								
	LO PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	152	162								

	1350	85																												1200		1050																																
		Outdoor Ambient Temperature																																																														
		65								75								85								95								105																														
		59				63				67				71				75				59				63							67				71				75				59				63				67				71				75			
		IDB*	Airflow	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59				63	67	71	75	59	63	67	71	75																							
	MBh	35.7	36.4	38.1	40.7	34.9	35.6	37.2	39.7	34.0	34.7	36.3	38.8	33.2	33.9	35.5	37.8	31.6	32.2	33.7	35.9	29.2	29.8	31.2	33.3	25.0	25.7	27.7	30.0	27.9	29.4	31.4	25.0	25.7	27.7	30.0	27.9	29.4	31.4																									
	S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.77	0.90	0.85	0.69	0.51	0.93	0.88	0.71	0.90	0.85	0.69	0.51	0.93	0.88	0.71																									
	Delta T	23	23	21	18	23	23	22	19	23	23	22	19	23	23	22	19	21	22	21	19	20	20	20	17	22	21	18	14	20	19	17	22	21	18	14	20	19	17																									
	HI PR	227	245	258	269	255	274	290	302	290	312	330	344	330	356	375	392	372	400	422	440	411	442	467	487	394	424	448	467	394	424	448	467	394	424	448	467	394	424	448																								
	LO PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	158	133	142	155	165	138	147	160	171	109	116	127	135	116	123	134	109	116	127	135	116	123	134																									
	MBh	34.7	35.3	37.0	39.5	33.9	34.5	36.1	38.6	33.1	33.7	35.3	37.6	32.2	32.9	34.4	36.7	30.6	31.2	32.7	34.9	28.4	28.9	30.3	32.3	25.0	25.7	27.7	30.0	27.9	29.4	31.4	25.0	25.7	27.7	30.0	27.9	29.4	31.4																									
	S/T	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.90	0.73	0.90	0.85	0.69	0.51	0.93	0.88	0.71	0.90	0.85	0.69	0.51	0.93	0.88	0.71																									
	Delta T	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	23	24	22	19	22	22	21	18	22	21	18	14	20	19	17	22	21	18	14	20	19	17																									
	HI PR	225	242	256	267	253	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	407	438	462	482	394	424	448	467	394	424	448	467	394	424	448	467	394	424	448																								
	LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169	109	116	127	135	116	123	134	109	116	127	135	116	123	134																									
	MBh	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	26.2	26.7	28.0	29.8	25.0	25.7	27.7	30.0	27.9	29.4	31.4	25.0	25.7	27.7	30.0	27.9	29.4	31.4																									
	S/T	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	1.00	0.96	0.87	0.71	0.90	0.85	0.69	0.51	0.93	0.88	0.71	0.90	0.85	0.69	0.51	0.93	0.88	0.71																									
	Delta T	24	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	23	23	21	18	22	21	18	14	20	19	17	22	21	18	14	20	19	17																									
	HI PR	218	235	248	259	245	264	278	290	279	300	317	330	317	341	361	376	357	384	406	423	394	424	448	467	394	424	448	467	394	424	448	467	394	424	448	467	394	424	448																								
	LO PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164	109	116	127	135	116	123	134	109	116	127	135	116	123	134																									

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

NOTE: Shaded area is AHRJ Rating Conditions

COOLING PERFORMANCE DATA

CPG048XXX3*X*XB*

MODEL: CPG048XXX**XXX EXPANDED PERFORMANCE DATA COOLING OPERATION

		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
		Entering Indoor Wet Bulb Temperature																																			
IDB*	Airflow	59	63	67	71	71	59	63	67	71	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71						
	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	-											
		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	-											
		DELTA T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-											
		HI PR	239	257	271	-	268	288	304	-	305	328	346	-	347	373	394	-	390	420	444	-	431	464	490	-											
		LO PR	110	117	128	-	116	124	135	-	121	129	141	-	127	135	148	-	133	142	155	-	138	147	160	-											
70		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	-											
		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	-											
		DELTA T	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-											
		HI PR	236	254	269	-	265	285	301	-	302	325	343	-	344	370	390	-	386	416	439	-	427	460	485	-											
		LO PR	109	116	127	-	115	123	134	-	120	128	139	-	126	134	146	-	132	140	153	-	136	145	158	-											
		MBh	40.0	41.4	45.4	-	39.0	40.4	44.3	-	38.1	39.5	43.3	-	37.2	38.5	42.2	-	35.3	36.6	40.1	-	32.7	33.9	37.1	-											
		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	-											
		DELTA T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-											
		HI PR	229	247	261	-	257	277	292	-	293	315	332	-	333	359	379	-	375	403	426	-	414	446	471	-											
		LO PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	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
		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
		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
		HI PR	241	260	274	286	271	291	307	321	308	331	350	365	351	377	398	415	394	424	448	467	436	469	495	516
		LO PR	111	118	129	138	118	125	137	146	122	130	142	151	128	137	149	159	135	143	156	167	139	148	162	172
	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
		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
		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
		HI PR	239	257	271	283	268	288	304	318	305	328	346	361	347	373	394	411	390	420	444	463	431	464	490	511
		LO PR	110	117	128	136	116	124	135	144	121	129	141	150	127	135	148	157	133	142	155	165	138	147	160	171
	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
		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
		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
		HI PR	232	249	263	275	260	280	295	308	296	318	336	350	337	362	383	399	379	408	430	449	418	450	475	496
		LO PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	153	129	138	150	160	134	142	155	165

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: CPG048XXX**XXX

EXPANDED PERFORMANCE DATA

COOLING OPERATION

IDB* Airflow		Outdoor Ambient Temperature																		115																																	
		65						75						85						95						105																											
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																								
1800	MBh	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	1.00	0.92	0.86	0.70	0.53	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							
	S/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	22	21	18	14	22	21	18	15	22	21	18	15	19	20	17	14	22	21	18	15	19	20	17	14				
	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	22	21	18	14	22	21	18	15	22	21	18	15	19	20	17	14	22	21	18	15	19	20	17	14				
	HI PR	244	262	277	289	273	294	311	324	311	335	353	368	354	381	402	420	398	429	453	472	440	474	500	522	244	262	277	289	273	294	311	324	311	335	353	368	354	381	402	420	398	429	453	472	440	474	500	522				
	LO PR	112	120	131	139	119	126	138	147	124	131	143	153	130	138	151	160	136	145	158	168	141	150	163	174	112	120	131	139	119	126	138	147	124	131	143	153	130	138	151	160	136	145	158	168	141	150	163	174				
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	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				
	S/T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14	23	22	19	15	21	20	18	14
	DELTA T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14	23	22	19	15	21	20	18	14
	HI PR	241	260	274	286	271	291	308	321	308	331	350	365	351	377	398	415	394	424	448	467	436	469	495	516	241	260	274	286	271	291	308	321	308	331	350	365	351	377	398	415	394	424	448	467	436	469	495	516				
	LO PR	111	118	129	138	118	125	137	146	122	130	142	151	128	137	149	159	135	143	156	167	139	148	162	172	111	118	129	138	118	125	137	146	122	130	142	151	128	137	149	159	135	143	156	167	139	148	162	172				
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	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				
	S/T	23	22	19	15	23	22	19	16	23	22	19	16	23	22	19	16	23	22	19	15	22	21	18	14	23	22	19	15	23	22	19	16	23	22	19	16	23	22	19	15	22	21	18	14	23	22	19	15	22	21	18	14
	DELTA T	23	22	19	15	23	22	19	16	23	22	19	16	23	22	19	16	23	22	19	15	22	21	18	14	23	22	19	15	23	22	19	16	23	22	19	16	23	22	19	15	22	21	18	14	23	22	19	15	22	21	18	14
	HI PR	234	252	266	277	263	282	298	311	299	321	339	354	340	366	386	403	383	412	435	453	423	455	480	501	234	252	266	277	263	282	298	311	299	321	339	354	340	366	386	403	383	412	435	453	423	455	480	501				
	LO PR	108	115	125	134	114	121	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167	108	115	125	134	114	121	133	141	119	126	138	147	125	133	145	154	131	139	152	162	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	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				
	S/T	23	23	22	19	23	23	22	19	23	23	22	19	22	23	22	19	21	22	22	19	20	20	18	18	23	23	22	19	23	23	22	19	23	23	22	19	22	23	22	19	20	20	20	20	20	18	18					
	DELTA T	23	23	22	19	23	23	22	19	23	23	22	19	22	23	22	19	21	22	22	19	20	20	18	18	23	23	22	19	23	23	22	19	23	23	22	19	22	23	22	19	20	20	20	20	20	18	18					
	HI PR	246	265	280	292	276	297	314	327	314	338	357	372	358	385	406	424	402	433	457	477	444	478	505	527	246	265	280	292	276	297	314	327	314	338	357	372	358	385	406	424	402	433	457	477	444	478	505	527				
	LO PR	114	121	132	141	120	128	139	148	125	133	145	154	131	139	152	162	137	146	160	170	142	151	165	176	114	121	132	141	120	128	139	148	125	133	145	154	131	139	152	162	137	146	160	170	142	151	165	176				
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	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				
	S/T	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	23	24	23	20	21	21	18	18	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	21	22	21	21	21	18	18					
	DELTA T	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	23	24	23	20	21	21	18	18	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	21	22	21	21	21	18	18					
	HI PR	244	262	277	289	273	294	311	324	311	335	353	368	354	381	402	420	398	429	453	472	440	474	500	522	244	262	277	289	273	294	311	324	311	335	353	368	354	381	402	420	398	429	453	472	440	474	500	522				
	LO PR	112	120	131	139	119	126	138	147	124	131	143	153	130	138	151	160	136	145	158	168	141	150	163	174	112	120	131	139	119	126	138	147	124	131	143	153	130	138	151	160	136	145	158	168	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	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				
	S/T	25	24	23	20	25	24	23	20	25	24	23	20	25	25	24	23	20	24	24	23	21	21	19	19	25	24	23	20	25	24	23	20	25	25	24	23	20	24	24	23	20	23	23	21	21	19	19					
	DELTA T	25	24	23	20	25	24	23	20	25	24	23	20	25	25	24	23	20	24	24	23	21	21	19	19	25	24	23	20	25	24	23	20	25	25	24	23	20	24	24	23	20	23	23	21	21	19	19					
	HI PR	236	254	269	280	265	285	301	314	302	324	343	357	343	370	390	407	386	416	439	458	427	459	485	506	236	254	269	280	265	285	301	314	302	324	343	357	343	370	390	407	386	416	439	458	427	459	485	506				
	LO PR	109	116	127	135	115	123	134	143	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169	109	116	127	135	115	123	134	143	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169				
NOTE: Shaded area is AHRI Rating Conditions																																																					
Entering Indoor Dry Bulb Temperature																																																					
High and low pressures are measured at the liquid and suction service access fittings.																																																					

COOLING PERFORMANCE DATA

CPG060XXX3*X*XB*

MODEL: CPG0060XXX**XXX EXPANDED PERFORMANCE DATA COOLING OPERATION

		Outdoor Ambient Temperature																													
		65					75					85					95					105					115				
IDB*	Airflow	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	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	-	-
	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	-	-
	DELTA T	17	15	11	-	-	18	15	12	-	-	18	15	12	-	-	18	15	12	-	-	17	15	11	-	-	16	14	11	-	-
	HI PR	244	262	277	-	-	273	294	311	-	-	311	335	353	-	-	354	381	402	-	-	398	429	453	-	-	440	474	500	-	-
	LO PR	107	114	124	-	-	113	120	131	-	-	118	125	137	-	-	124	131	144	-	-	130	138	150	-	-	134	143	156	-	-
2000	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	-	-
	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	-	-
	DELTA T	18	16	12	-	-	18	16	12	-	-	18	16	12	-	-	18	16	12	-	-	18	16	12	-	-	17	15	11	-	-
	HI PR	241	260	274	-	-	271	291	308	-	-	308	331	350	-	-	351	377	398	-	-	394	424	448	-	-	436	469	495	-	-
	LO PR	106	113	123	-	-	112	119	130	-	-	116	124	135	-	-	122	130	142	-	-	128	136	149	-	-	133	141	154	-	-
1750	MBh	52.2	54.2	59.3	-	-	51.0	52.9	58.0	-	-	49.8	51.6	56.6	-	-	48.6	50.4	55.2	-	-	46.2	47.9	52.4	-	-	42.8	44.3	48.6	-	-
	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	-	-
	DELTA T	18	16	12	-	-	19	16	12	-	-	19	16	12	-	-	19	16	12	-	-	18	16	12	-	-	17	15	11	-	-
	HI PR	234	252	266	-	-	263	283	298	-	-	299	321	339	-	-	340	366	386	-	-	383	412	435	-	-	423	455	480	-	-
	LO PR	103	109	120	-	-	109	116	126	-	-	113	120	131	-	-	119	126	138	-	-	124	132	144	-	-	129	137	149	-	-
75	MBh	59.3	61.0	66.1	70.9	70.9	57.9	59.6	64.5	69.3	69.3	56.5	58.2	63.0	67.6	67.6	55.2	56.8	61.5	66.0	66.0	52.4	53.9	58.4	62.7	48.5	50.0	54.1	58.1	58.1	
	S/T	0.83	0.74	0.56	0.36	0.36	0.86	0.77	0.58	0.37	0.37	0.88	0.79	0.60	0.38	0.38	0.91	0.81	0.61	0.40	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41	0.41	
	DELTA T	20	18	15	10	10	20	19	15	11	11	20	19	15	11	11	20	19	15	11	11	20	19	15	11	19	17	14	10	10	
	HI PR	246	265	280	292	292	276	297	314	327	327	314	338	357	372	372	358	385	406	424	424	402	433	457	477	445	478	505	527	527	
	LO PR	108	115	126	134	134	114	122	133	141	141	119	126	138	147	147	125	133	145	154	154	131	139	152	162	135	144	157	167	167	
	MBh	57.6	59.3	64.2	68.9	68.9	56.2	57.9	62.7	67.3	67.3	54.9	56.5	61.2	65.7	65.7	53.6	55.1	59.7	64.1	64.1	50.9	52.4	56.7	60.8	47.1	48.5	52.5	56.4	56.4	
	S/T	0.79	0.71	0.53	0.34	0.34	0.82	0.73	0.55	0.36	0.36	0.84	0.75	0.57	0.37	0.37	0.87	0.77	0.59	0.38	0.38	0.90	0.80	0.61	0.39	0.91	0.81	0.61	0.39	0.39	
	DELTA T	21	19	16	11	11	21	19	16	11	11	21	19	16	11	11	21	20	16	11	11	21	19	16	11	20	18	15	10	10	
	HI PR	244	262	277	289	289	273	294	311	324	324	311	335	353	369	369	354	381	402	420	420	398	429	453	472	440	474	500	522	522	
	LO PR	107	114	124	133	133	113	120	131	140	140	118	125	137	146	146	124	131	144	153	153	130	138	150	160	134	143	156	166	166	
1750	MBh	53.1	54.7	59.2	63.6	63.6	51.9	53.4	57.8	62.1	62.1	50.7	52.2	56.5	60.6	60.6	49.4	50.9	55.1	59.1	59.1	47.0	48.3	52.3	56.2	43.5	44.8	48.5	52.0	52.0	
	S/T	0.76	0.68	0.52	0.33	0.33	0.79	0.71	0.53	0.34	0.34	0.81	0.72	0.55	0.35	0.35	0.83	0.75	0.57	0.36	0.36	0.87	0.77	0.59	0.38	0.87	0.78	0.59	0.38	0.38	
	DELTA T	21	20	16	11	11	22	20	16	11	11	22	20	16	11	11	22	20	16	11	11	21	20	16	11	20	18	15	10	10	
	HI PR	236	254	269	280	280	265	285	301	314	314	302	325	343	357	357	344	370	390	407	407	386	416	439	458	427	460	485	506	506	
	LO PR	104	111	121	129	129	110	117	128	136	136	114	121	133	141	141	120	128	139	148	148	126	134	146	155	130	138	151	161	161	

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

		Outdoor Ambient Temperature																																					
		65						75						85						95						105						115							
		Entering Indoor Wet Bulb Temperature																																					
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71						
80	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	51.1	52.2	55.8	59.8	63.8	67.8	71.8	75.8	79.8	83.8				
	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	0.97	0.79	0.59	1.00	1.00	0.80	0.59	1.00	1.00				
	DELTA T	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	20	21	18	14	20	19	17	15	13	11	9	7	5	3				
	HI PR	249	267	282	295	279	300	317	331	317	341	360	376	361	389	411	428	406	437	462	482	449	483	510	532	477	507	537	567	597	627	657	687	717	747	777			
	LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169	141	149	157	165	173	181	189	197	205	213	221	229		
2000	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	50.0	51.1	54.7	58.7	62.7	66.7	70.7	74.7	78.7	82.7				
	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	0.93	0.92	0.75	0.56	0.99	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				
	DELTA T	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15	22	21	19	17	15	13	11	9	7	5				
	HI PR	246	265	280	292	276	297	314	327	314	338	357	372	358	385	407	424	402	433	457	477	445	478	505	527	471	501	531	561	591	621	651	681	711	741	771			
	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	139	147	155	163	171	179	187	195	203	211	219	227		
1750	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	45.7	46.8	50.4	54.4	58.4	62.4	66.4	70.4	74.4	78.4				
	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	1.00	0.97	0.79	0.59	1.00	1.00	0.80	0.59	1.00	1.00				
	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	17	15	13	11	9	7	5				
	HI PR	239	257	271	283	268	288	304	317	305	328	346	361	347	373	394	411	390	420	444	463	431	464	490	511	455	485	515	545	575	605	635	665	695	725	755			
	LO PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	152	162	133	141	149	157	165	173	181	189	197	205	213	221		
		NOTE: Shaded area reflects AHRI rating conditions																																					
85	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	51.2	52.3	55.9	59.9	63.9	67.9	71.9	75.9	79.9	83.9				
	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	0.97	0.79	0.59	1.00	1.00	0.80	0.59	1.00	1.00				
	DELTA T	24	23	22	19	24	24	22	19	24	24	22	19	23	24	23	20	22	23	22	19	21	21	21	18	21	20	18	16	14	12	10	8	6	4				
	HI PR	251	270	285	298	282	303	320	334	320	345	364	380	365	393	415	433	411	442	467	487	454	488	515	538	482	512	542	572	602	632	662	692	722	752	782			
	LO PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	158	133	142	155	165	138	147	160	171	140	148	156	164	172	180	188	196	204	212	220			
2000	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	52.7	53.8	57.4	61.4	65.4	69.4	73.4	77.4	81.4	85.4				
	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	0.97	0.79	0.59	1.00	1.00	0.80	0.59	1.00	1.00				
	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	21	19	17	15	13	11	9	7	5				
	HI PR	249	267	282	295	279	300	317	331	317	341	360	376	361	389	411	428	406	437	462	482	449	483	510	532	477	507	537	567	597	627	657	687	717	747	777			
	LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169	141	149	157	165	173	181	189	197	205	213	221	229		
1750	MBh	55.0	56.1	58.7	62.7	53.7	54.8	57.4	61.2	52.5	53.5	56.0	59.8	51.2	52.2	54.6	58.3	48.6	49.6	51.9	55.4	45.0	45.9	48.1	51.3	48.1	49.2	52.8	56.8	60.8	64.8	68.8	72.8	76.8	80.8				
	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	0.97	0.79	0.59	1.00	1.00	0.80	0.59	1.00	1.00				
	DELTA T	25	25	24	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	24	23	22	19	24	23	21	19	17	15	13	11	9	7				
	HI PR	241	259	274	286	271	291	307	321	308	331	350	365	350	377	398	415	394	424	448	467	436	469	495	516	460	490	520	550	580	610	640	670	700	730	760			
	LO PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164	135	143	151	159	167	175	183	191	199	207	215			
		NOTE: Shaded area is AHRI Rating Conditions																																					
		* Entering Indoor Dry Bulb Temperature High and low pressures are measured at the liquid and suction service access fittings.																																					

COOLING PERFORMANCE DATA

CPG072XXX3BX*XB*

MODEL: CPG072XXX**XXX EXPANDED PERFORMANCE DATA COOLING OPERATION

		Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	2400	MBh	68.6	71.1	77.9	-	67.0	69.4	76.0	-	65.4	67.8	74.2	-	63.8	66.1	72.4	-	60.6	62.8	68.8	-	56.1	58.2	63.7	-
		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	0.65	0.45	-
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		Hi PR	237	255	270	-	266	286	302	-	303	326	344	-	345	371	392	-	388	417	441	-	429	461	487	-
		LO PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-
2150	MBh	67.5	70.0	76.7	-	66.0	68.4	74.9	-	64.4	66.8	73.1	-	62.8	65.1	71.4	-	59.7	61.9	67.8	-	55.3	57.3	62.8	-	
	S/T	0.65	0.55	0.38	-	0.68	0.57	0.39	-	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.75	0.63	0.43	-	
	Delta T	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-	
	Hi PR	236	253	268	-	264	284	300	-	301	323	342	-	342	368	389	-	385	414	438	-	426	458	484	-	
	LO PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-	
1875	MBh	62.3	64.6	70.8	-	60.9	63.1	69.2	-	59.4	61.6	67.5	-	58.0	60.1	65.9	-	55.1	57.1	62.6	-	51.0	52.9	58.0	-	
	S/T	0.63	0.53	0.36	-	0.65	0.55	0.38	-	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.72	0.60	0.42	-	
	Delta T	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	
	Hi PR	228	246	260	-	256	276	291	-	292	314	331	-	332	357	377	-	374	402	425	-	413	444	469	-	
	LO PR	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-	
75	2400	MBh	69.7	71.8	77.7	83.4	68.1	70.1	75.9	81.5	66.5	68.4	74.1	79.5	64.9	66.8	72.3	77.6	61.6	63.4	68.7	73.7	57.1	58.8	63.6	68.3
		S/T	0.78	0.69	0.53	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.89	0.80	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
		Hi PR	240	258	272	284	269	289	306	319	306	329	347	362	348	375	396	413	392	422	445	464	433	466	492	513
		LO PR	108	115	125	133	114	121	132	141	118	126	138	147	124	132	145	154	130	139	151	161	135	144	157	167
	2150	MBh	68.7	70.7	76.6	82.2	67.1	69.1	74.8	80.3	65.5	67.4	73.0	78.3	63.9	65.8	71.2	76.4	60.7	62.5	67.7	72.6	56.2	57.9	62.7	67.3
		S/T	0.74	0.66	0.50	0.32	0.77	0.69	0.52	0.34	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.85	0.76	0.58	0.37
		Delta T	22	20	16	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	15	11
		Hi PR	238	256	270	282	267	287	303	316	304	327	345	360	346	372	393	410	389	419	442	461	430	463	489	510
		LO PR	107	114	124	133	113	120	131	140	118	125	137	146	124	131	144	153	130	138	150	160	134	143	156	166
1875	MBh	63.4	65.3	70.7	75.8	61.9	63.8	69.0	74.1	60.5	62.2	67.4	72.3	59.0	60.7	65.7	70.5	56.0	57.7	62.4	67.0	51.9	53.4	57.8	62.1	
	S/T	0.72	0.64	0.49	0.31	0.74	0.66	0.50	0.32	0.76	0.68	0.52	0.33	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.82	0.74	0.56	0.36	
	Delta T	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11	
	Hi PR	231	248	262	274	259	279	294	307	295	317	335	349	335	361	381	398	377	406	429	447	417	449	474	494	
	LO PR	104	111	121	129	110	117	128	136	114	121	133	141	120	128	139	148	126	134	146	155	130	138	151	161	

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: CPG072XXX**XXX

EXPANDED PERFORMANCE DATA

COOLING OPERATION

IDB*		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
		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								
	2400	MBh	71.0	72.5	77.5	82.8	69.3	70.8	75.7	80.9	67.7	69.1	73.9	79.0	66.0	67.5	72.1	77.0	62.7	64.1	68.5	73.2	58.1	59.4	63.4	67.8											
		S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.90	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											
		Delta T	23	22	19	15	23	22	20	16	23	22	20	16	24	23	20	16	23	22	19	16	22	21	18	14											
		HIPR	242	260	275	287	272	292	309	322	309	332	351	366	352	379	400	417	396	426	450	469	437	471	497	518											
		LO PR	109	116	127	135	115	123	134	142	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169											
80	2150	MBh	69.9	71.4	76.3	81.6	68.3	69.8	74.6	79.7	66.7	68.1	72.8	77.8	65.0	66.5	71.0	75.9	61.8	63.1	67.5	72.1	57.2	58.5	62.5	66.8											
		S/T	0.82	0.76	0.62	0.47	0.84	0.79	0.64	0.48	0.87	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.94	0.88	0.71	0.53											
		Delta T	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	25	24	20	16	23	22	19	15											
		HIPR	240	259	273	285	270	290	306	320	307	330	349	364	349	376	397	414	393	423	447	466	434	467	493	515											
		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											
	1875	MBh	64.5	65.9	70.4	75.3	63.0	64.4	68.8	73.6	61.5	62.9	67.2	71.8	60.0	61.3	65.5	70.1	57.0	58.3	62.3	66.6	52.8	54.0	57.7	61.6											
		S/T	0.79	0.74	0.60	0.45	0.81	0.76	0.62	0.46	0.84	0.78	0.64	0.48	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.90	0.85	0.69	0.51											
		Delta T	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	16											
		HIPR	233	251	265	276	262	282	297	310	298	320	338	353	339	365	385	402	381	410	433	452	421	453	479	499											
		LO PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	152	162											
NOTE: Shaded area reflects AHRI rating conditions																																					
	2400	MBh	72.2	73.6	77.1	82.2	70.5	71.9	75.3	80.3	68.8	70.2	73.5	78.4	67.2	68.5	71.7	76.5	63.8	65.0	68.1	72.7	59.1	60.2	63.1	67.3											
		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	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72											
		Delta T	25	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	24	24	23	20	23	23	22	19											
		HIPR	244	263	278	290	274	295	312	325	312	336	355	370	355	382	404	421	400	430	454	474	442	475	502	523											
		LO PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	147	157	133	142	155	165	138	146	160	170											
85	2150	MBh	71.1	72.5	75.9	81.0	69.5	70.8	74.2	79.1	67.8	69.1	72.4	77.3	66.2	67.5	70.6	75.4	62.9	64.1	67.1	71.6	58.2	59.4	62.2	66.3											
		S/T	0.85	0.82	0.74	0.60	0.89	0.85	0.77	0.63	0.91	0.88	0.79	0.64	0.94	0.90	0.82	0.66	0.97	0.94	0.85	0.69	0.98	0.95	0.85	0.69											
		Delta T	26	26	24	21	26	26	24	21	26	26	24	21	27	26	25	21	24	24	23	20	24	24	23	20											
		HIPR	243	261	276	288	272	293	310	323	310	333	352	367	353	380	401	418	397	427	451	470	439	472	498	520											
		LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169											
	1875	MBh	65.7	66.9	70.1	74.8	64.1	65.4	68.5	73.0	62.6	63.8	66.8	71.3	61.1	62.3	65.2	69.6	58.0	59.1	61.9	66.1	53.7	54.8	57.4	61.2											
		S/T	0.82	0.80	0.72	0.58	0.85	0.82	0.74	0.60	0.88	0.85	0.76	0.62	0.90	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.95	0.91	0.82	0.67											
		Delta T	27	26	25	21	27	26	25	22	27	26	25	22	27	27	25	22	27	26	25	21	25	25	23	20											
		HIPR	235	253	268	279	264	284	300	313	301	323	341	356	342	368	389	406	385	414	438	456	425	458	483	504											
		LO PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164											
NOTE: Shaded area is AHRI Rating Conditions																																					
		* Entering Indoor Dry Bulb Temperature																																			
		High and low pressures are measured at the liquid and suction service access fittings.																																			

COOLING PERFORMANCE DATA

CPG090XXX3BX*XB*

MODEL: CPG090XXX**XXX EXPANDED PERFORMANCE DATA COOLING OPERATION

		Outdoor Ambient Temperature																																																			
		65								75								85								95								105								115											
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																				
	3375	MBh	86.2	89.4	97.9	-	84.2	87.3	95.6	-	82.2	85.2	93.4	-	80.2	83.1	91.1	-	76.2	79.0	86.5	-	70.6	73.2	80.2	-	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	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-							
		HI PR	234	252	266	-	262	282	298	-	298	321	339	-	340	366	386	-	382	411	434	-	382	411	434	-	422	454	480	-	382	411	434	-	125	133	145	-	129	138	150	-	129	138	150	-							
		LO PR	103	110	120	-	109	116	127	-	114	121	132	-	119	127	139	-	125	133	145	-	125	133	145	-	129	138	150	-	125	133	145	-	129	138	150	-	129	138	150	-	129	138	150	-							
		MBh	83.7	86.8	95.1	-	81.8	84.8	92.9	-	79.8	82.7	90.7	-	77.9	80.7	88.4	-	74.0	76.7	84.0	-	68.5	71.0	77.8	-	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	-			
70	3000	Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-							
		HI PR	231	249	263	-	260	279	295	-	295	318	336	-	336	362	382	-	378	407	430	-	378	407	430	-	418	450	475	-	378	407	430	-	124	132	144	-	128	136	149	-	128	136	149	-							
		LO PR	102	109	119	-	108	115	126	-	112	120	131	-	118	126	137	-	124	132	144	-	124	132	144	-	128	136	149	-	124	132	144	-	128	136	149	-	128	136	149	-	128	136	149	-							
		MBh	77.3	80.1	87.8	-	75.5	78.2	85.7	-	73.7	76.4	83.7	-	71.9	74.5	81.6	-	68.3	70.8	77.5	-	63.3	65.6	71.8	-	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	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-							
	2400	HI PR	224	242	255	-	252	271	286	-	286	308	326	-	326	351	371	-	367	395	417	-	406	436	461	-	367	395	417	-	367	395	417	-	367	395	417	-	367	395	417	-	406	436	461	-							
		LO PR	99	106	115	-	105	112	122	-	109	116	127	-	115	122	133	-	120	128	139	-	124	132	144	-	124	132	144	-	120	128	139	-	120	128	139	-	124	132	144	-	124	132	144	-							
		* Entering Indoor Dry Bulb Temperature																										NOTE: Shaded area is ACCA (TVA) conditions																									
			3375	MBh	87.7	90.3	97.7	104.9	85.7	88.2	95.5	102.5	83.6	86.1	93.2	100.0	81.6	84.0	90.9	97.6	77.5	79.8	86.4	92.7	71.8	73.9	80.0	85.9	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	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	
HI PR	236			254	268	280	265	285	301	314	301	324	342	357	343	369	390	407	386	415	439	458	427	459	485	506	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			
LO PR	104			111	121	129	110	117	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162	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			
MBh	85.1			87.7	94.9	101.8	83.2	85.6	92.7	99.5	81.2	83.6	90.5	97.1	79.2	81.5	88.3	94.7	75.2	77.5	83.9	90.0	69.7	71.8	77.7	83.4	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			
75	3000	S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.81	0.61	0.39	0.90	0.81	0.61	0.39	0.90	0.81	0.60	0.39	0.89	0.80	0.60	0.39	0.89	0.80	0.60	0.39	0.89	0.80	0.61	0.39							
		Delta T	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11			
		HI PR	234	252	266	277	262	282	298	311	298	321	339	354	340	366	386	403	382	411	434	453	422	454	480	501	0.78	0.68	0.51	0.33	0.81	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			
		LO PR	103	110	120	128	109	116	127	135	114	121	132	141	119	127	139	148	125	133	145	155	129	138	150	160	0.78	0.68	0.51	0.33	0.81	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			
		MBh	78.6	80.9	87.6	94.0	76.8	79.0	85.5	91.8	74.9	77.1	83.5	89.6	73.1	75.3	81.5	87.4	69.4	71.5	77.4	83.1	64.3	66.2	71.7	76.9	0.76	0.68	0.51	0.33	0.81	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			
	2400	S/T	0.76	0.68	0.51	0.33	0.81	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.87	0.78	0.59	0.38	0.76	0.68	0.51	0.33	0.81	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	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	16	11	23	21	17	12	23	21	17	12	23	21	16	11	23	21	17	12	23	21	16	11			
		HI PR	227	244	258	269	254	274	289	302	289	311	329	343	330	355	375	391	371	399	421	439	410	441	466	486	0.76	0.68	0.51	0.33	0.81	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			
		LO PR	100	107	117	124	106	113	123	131	110	117	128	136	116	123	134	143	121	129	141	150	125	133	146	155	0.76	0.68	0.51	0.33	0.81	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			

COOLING PERFORMANCE DATA

CPG090XXX3BX*XB*

MODEL: CPG090XXX**XXX

EXPANDED PERFORMANCE DATA

COOLING OPERATION

IDB* Airflow		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
		Entering Indoor Wet Bulb Temperature																																			
80	3375	MBh	89.3	91.2	97.4	104.2	87.2	89.1	95.2	101.7	85.1	87.0	92.9	99.3	83.0	84.8	90.6	96.9	78.9	80.6	86.1	92.0	73.1	74.7	79.8	85.3											
		S/T	0.90	0.85	0.69	0.51	0.93	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59											
		Delta T	22	21	18	15	22	21	18	15	22	21	19	15	23	21	19	15	21	18	15	20	20	17	14												
		HI PR	238	257	271	283	268	288	304	317	304	328	346	361	347	373	394	411	390	420	443	462	431	464	490	511											
		LO PR	106	112	123	131	112	119	130	138	116	123	135	143	122	130	141	151	128	136	148	158	132	140	153	163											
	3000	MBh	86.7	88.5	94.6	101.1	84.6	86.5	92.4	98.8	82.6	84.4	90.2	96.4	80.6	82.4	88.0	94.1	76.6	78.2	83.6	89.4	70.9	72.5	77.4	82.8											
		S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56											
		Delta T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	16	23	22	19	15	21	21	18	14										
		HI PR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	407	386	415	439	458	427	459	485	506											
		LO PR	105	111	121	129	110	117	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162											
2400	MBh	80.0	81.7	87.3	93.3	78.1	79.8	85.3	91.2	76.3	77.9	83.3	89.0	74.4	76.0	81.2	86.8	70.7	72.2	77.2	82.5	65.5	66.9	71.5	76.4												
	S/T	0.83	0.78	0.63	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.94	0.89	0.72	0.54	0.95	0.89	0.73	0.54												
	Delta T	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	26	24	21	17	24	23	20	16												
	HI PR	229	246	260	271	257	277	292	305	292	315	332	346	333	358	378	395	375	403	426	444	414	445	470	490												
	LO PR	101	108	118	125	107	114	124	132	111	118	129	138	117	124	136	145	123	130	142	152	127	135	147	157												
85	3375	MBh	90.8	92.6	97.0	103.4	88.7	90.4	94.7	101.0	86.6	88.3	92.4	98.6	84.5	86.1	90.2	96.2	80.3	81.8	85.7	91.4	74.3	75.8	79.4	84.7											
		S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.77											
		Delta T	23	23	22	19	24	23	22	19	24	23	22	19	23	23	22	19	22	22	22	19	20	21	20	18											
		HI PR	241	259	274	285	270	291	307	320	307	331	349	364	350	377	398	415	394	424	448	467	435	468	495	516											
		LO PR	107	113	124	132	113	120	131	139	117	125	136	145	123	131	143	152	129	137	150	159	133	142	155	165											
	3000	MBh	88.2	89.9	94.1	100.4	86.1	87.8	91.9	98.1	84.1	85.7	89.7	95.7	82.0	83.6	87.6	93.4	77.9	79.4	83.2	88.7	72.2	73.6	77.1	82.2											
		S/T	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.90	0.73											
		Delta T	24	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	24	24	23	20	22	23	21	18											
		HI PR	238	257	271	283	268	288	304	317	304	328	346	361	347	373	394	411	390	420	443	462	431	464	490	511											
		LO PR	106	112	123	131	112	119	130	138	116	123	135	143	122	130	141	151	128	136	148	158	132	140	153	163											
2400	MBh	81.4	83.0	86.9	92.7	79.5	81.0	84.9	90.5	77.6	79.1	82.8	88.4	75.7	77.2	80.8	86.2	71.9	73.3	76.8	81.9	66.6	67.9	71.1	75.9												
	S/T	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	1.00	0.96	0.87	0.71												
	Delta T	27	27	25	22	27	27	25	22	27	27	26	22	28	27	26	22	27	27	25	22	25	25	24	20												
	HI PR	231	249	263	274	260	279	295	308	295	318	335	350	336	362	382	399	378	407	430	448	418	450	475	495												
	LO PR	102	109	119	127	108	115	126	134	112	120	131	139	118	126	137	146	124	132	144	153	128	136	149	158												

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:

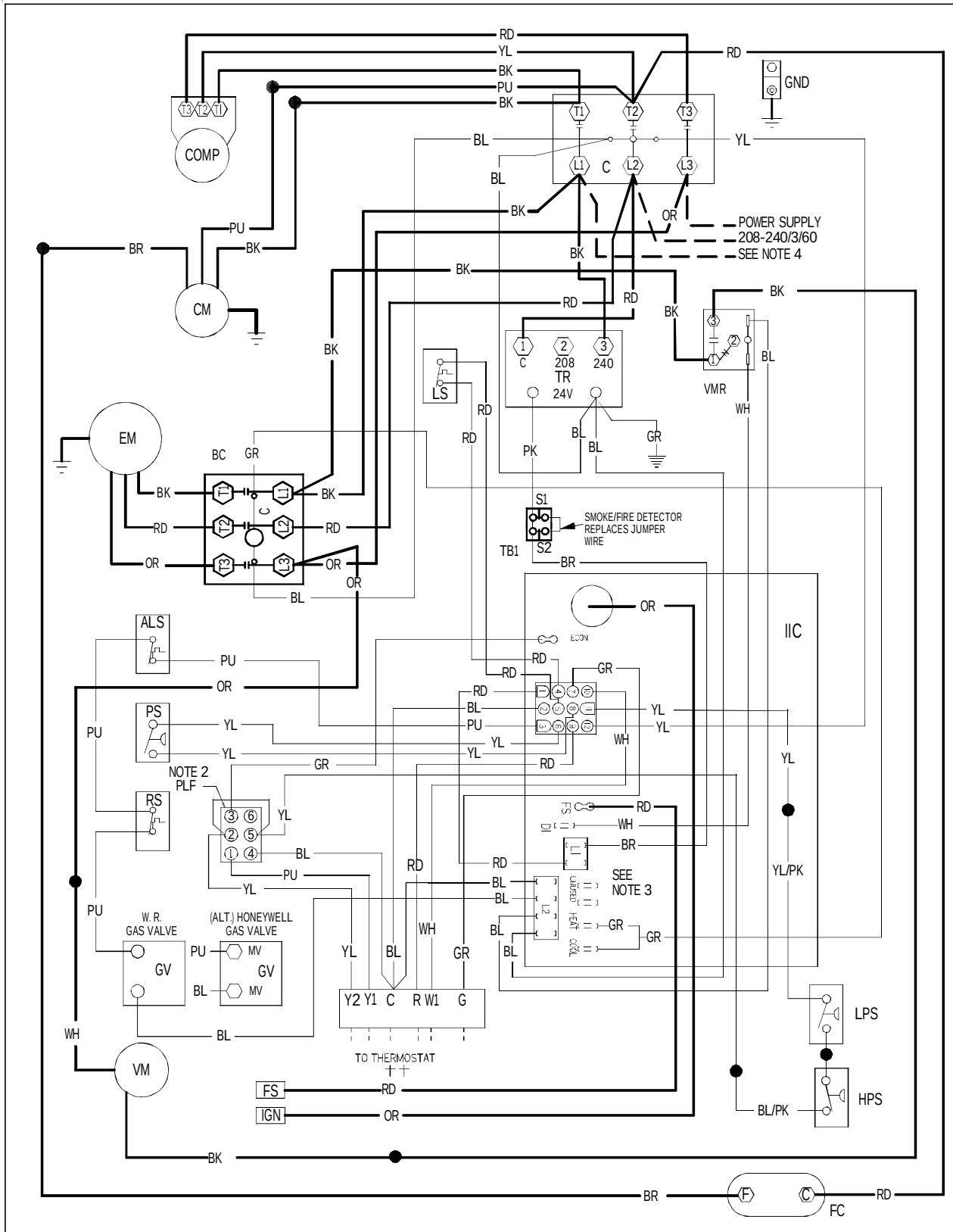
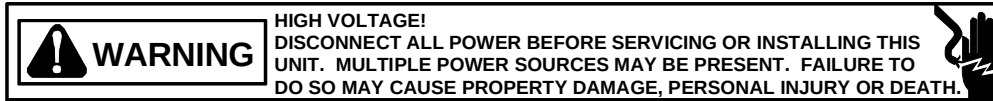
If conditions vary from this, results will change as follows:

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.



208-240/3/60 0140L00979 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

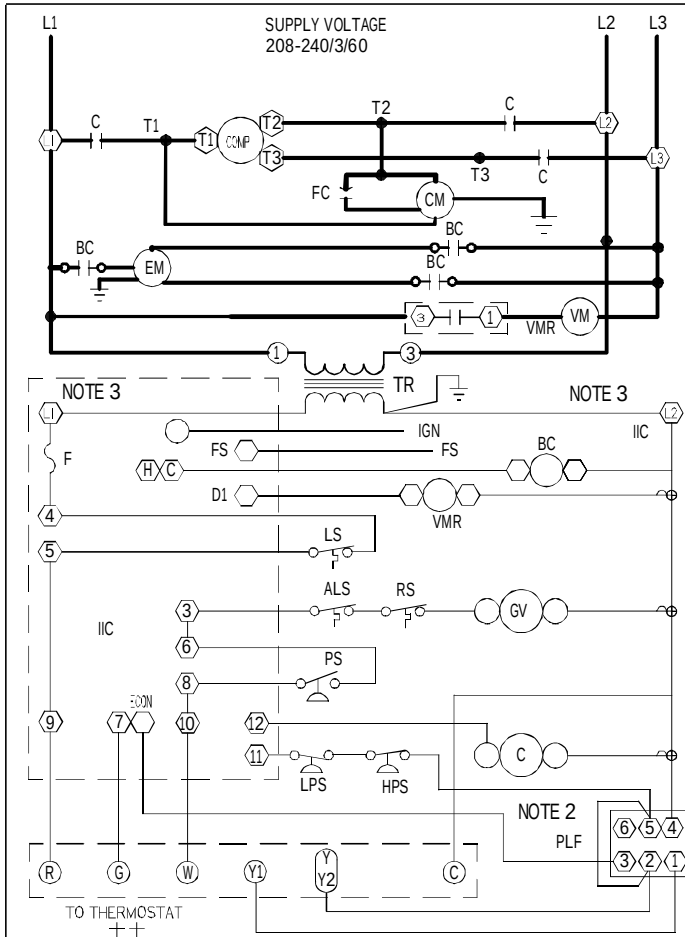
CPG0360453BX*XB*



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.



COMPONENT LEGEND

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

NOTES

1. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. (USE COPPER CONDUCTOR ONLY).
2. ACCESSORY ECONOMIZER PLUG ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO THE ECONOMIZER ACCESSORY.
3. L1 AND L2 ON IIC CONTROL IS 24V INPUT.
4. USE COPPER CONDUCTORS ONLY. ++ USE NEC CLASS 2 WIRE
5. FOR 208 VOLT TRANSFORMER OPERATION, MOVE BLACK WIRE FROM TERMINAL (3) TO TERMINAL (2) ON TRANSFORMER.

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

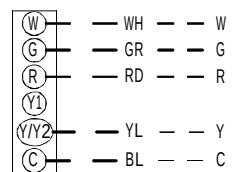
FIELD WIRING
 - - - HIGH VOLTAGE
 - - - LOW VOLTAGE

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

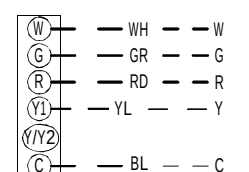
THERMOSTAT FIELD WIRING

NO ECONOMIZER



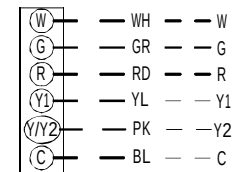
TB1 STAT

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	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

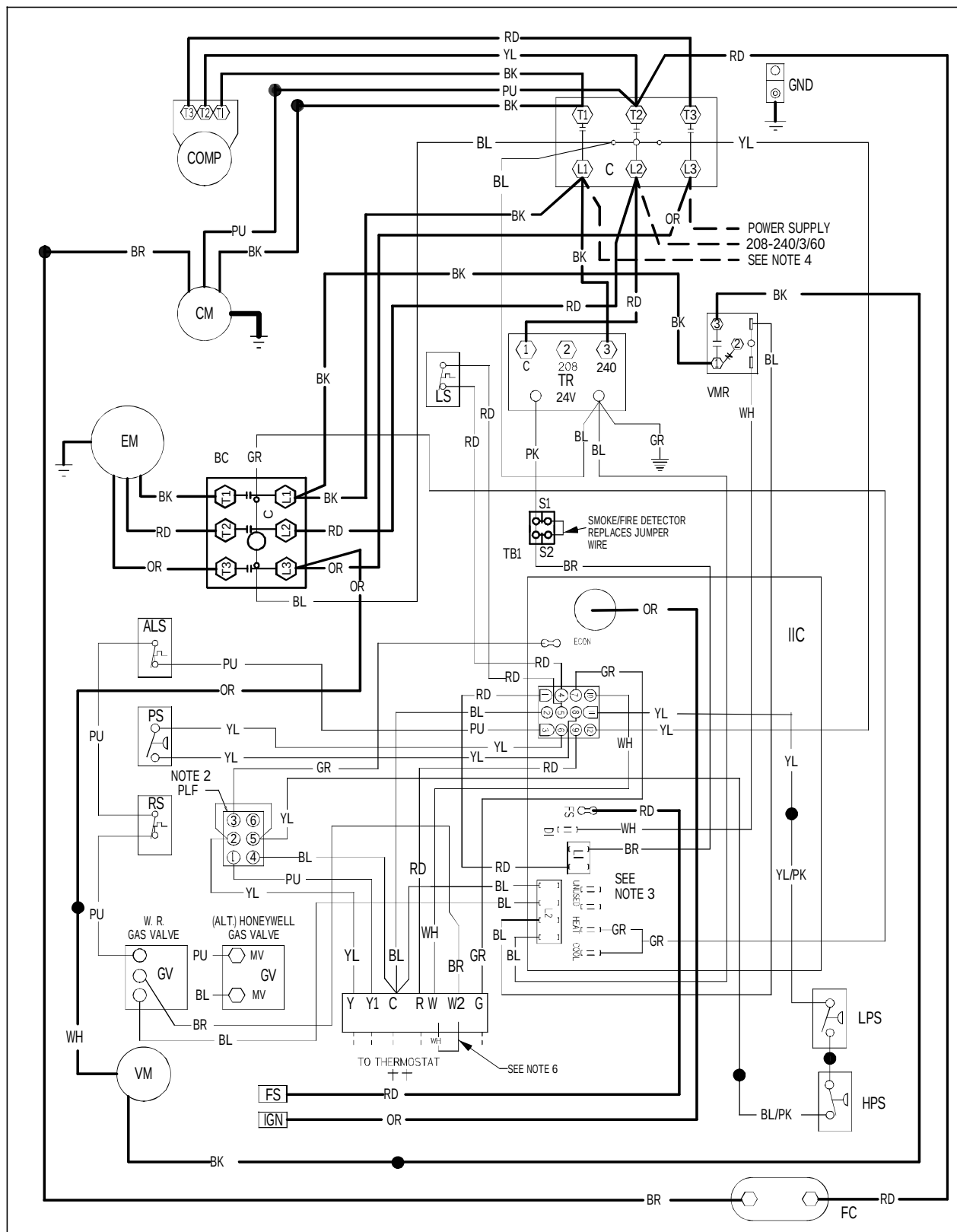
SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION

208-240/3/60 0140L00979 REV B



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.



208-240/3/60 0140L00981 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

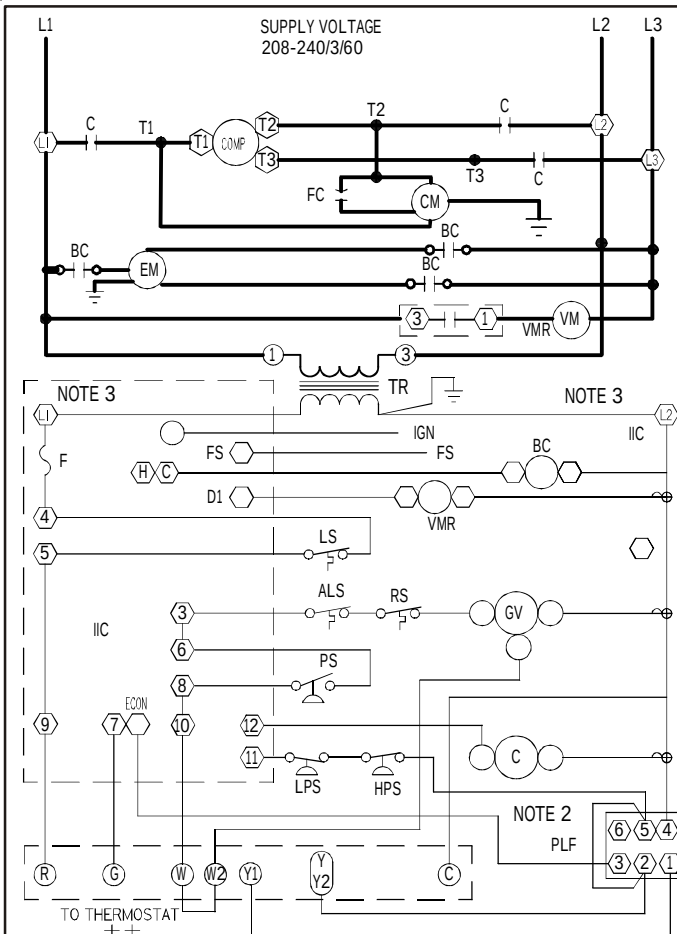
CPG[036-072]***3BX*XB*



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.



COMPONENT LEGEND

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

NOTES

- REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. (USE COPPER CONDUCTOR ONLY).
- ACCESSORY ECONOMIZER PLUG ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO THE ECONOMIZER ACCESSORY.
- L1 AND L2 ON IIC CONTROL IS 24V INPUT.
- USE COPPER CONDUCTORS ONLY.
++ USE NEC CLASS 2 WIRE.
- FOR 208 VOLT TRANSFORMER OPERATION, MOVE BLACK WIRE FROM TERMINAL (3) TO TERMINAL (2) ON TRANSFORMER.
- FOR LOW STAGE OPERATION ONLY, REMOVE WHITE JUMPER. FOR 2 STAGE OPERATION, REMOVE JUMPER AND CONNECT W2 TO W2 ON THERMOSTAT.

FACTORY WIRING

— LINE VOLTAGE

— LOW VOLTAGE

--- OPTIONAL

--- HIGH VOLTAGE

FIELD WIRING

--- HIGH VOLTAGE

--- LOW VOLTAGE

WIRE CODE

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

THERMOSTAT

FIELD WIRING

++

NO ECONOMIZER

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

TB1 STAT

WITH ECONOMIZER OPTION

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

TB1 STAT

2 STAGE COOLING

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

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	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE	GAS FLOW GAS PRESSURE GAS VALVE
	OPEN ROLLOUT SWITCH	FLAME SENSOR FLAME ROLLOUT BAD SWITCH
	OPEN AUX. LIMIT 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

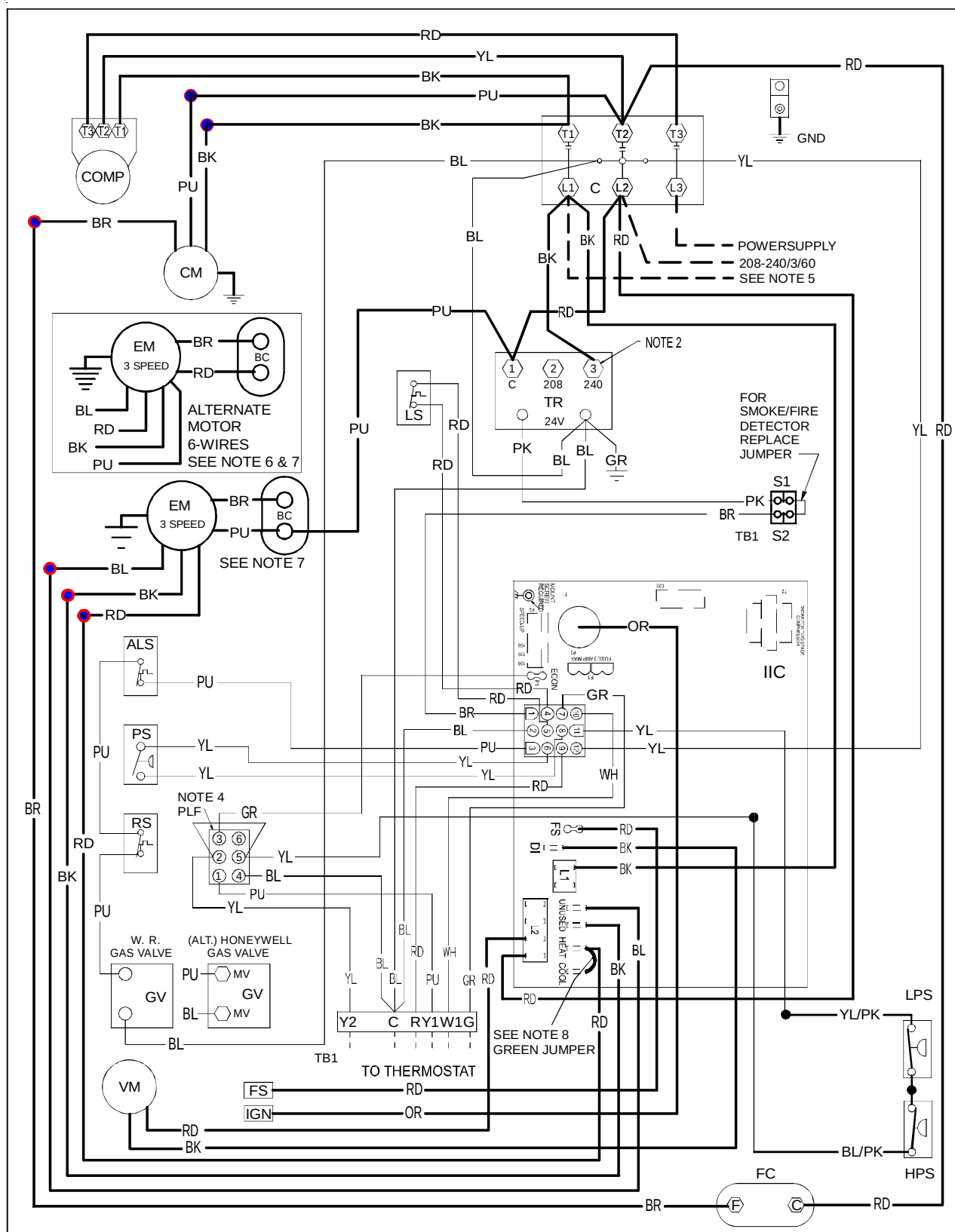
SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION

208-240/3/60 0140L00981 REV B

CPG0360453DX*XB*



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.



208-240/3/60 0140L00512 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

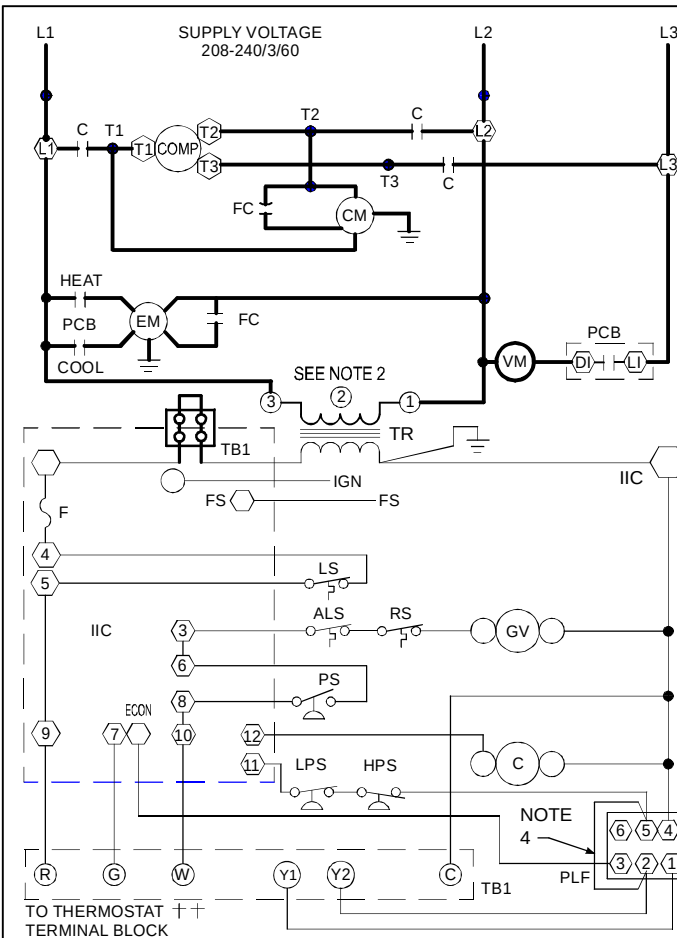
CPG0360453DX*XB*



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.



TO THERMOSTAT
TERMINAL BLOCK

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
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.

208-240/3/60 0140L00512 REV B

FACTORY WIRING

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

FIELD WIRING

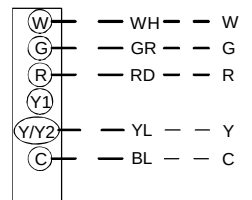
---	HIGH VOLTAGE
---	LOW VOLTAGE

WIRE CODE

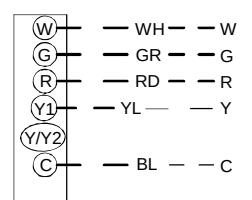
BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
OR	ORANGE
PK	PINK
PU	PURPLE
RD	RED
WH	WHITE
YL	YELLOW
BL/PK	BLUE WITH PINK STRIP
YL/PK	YELLOW WITH PINK STRIP

THERMOSTAT FIELD WIRING ++

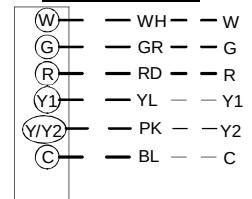
NO ECONOMIZER



WITH ECONOMIZER OPTION



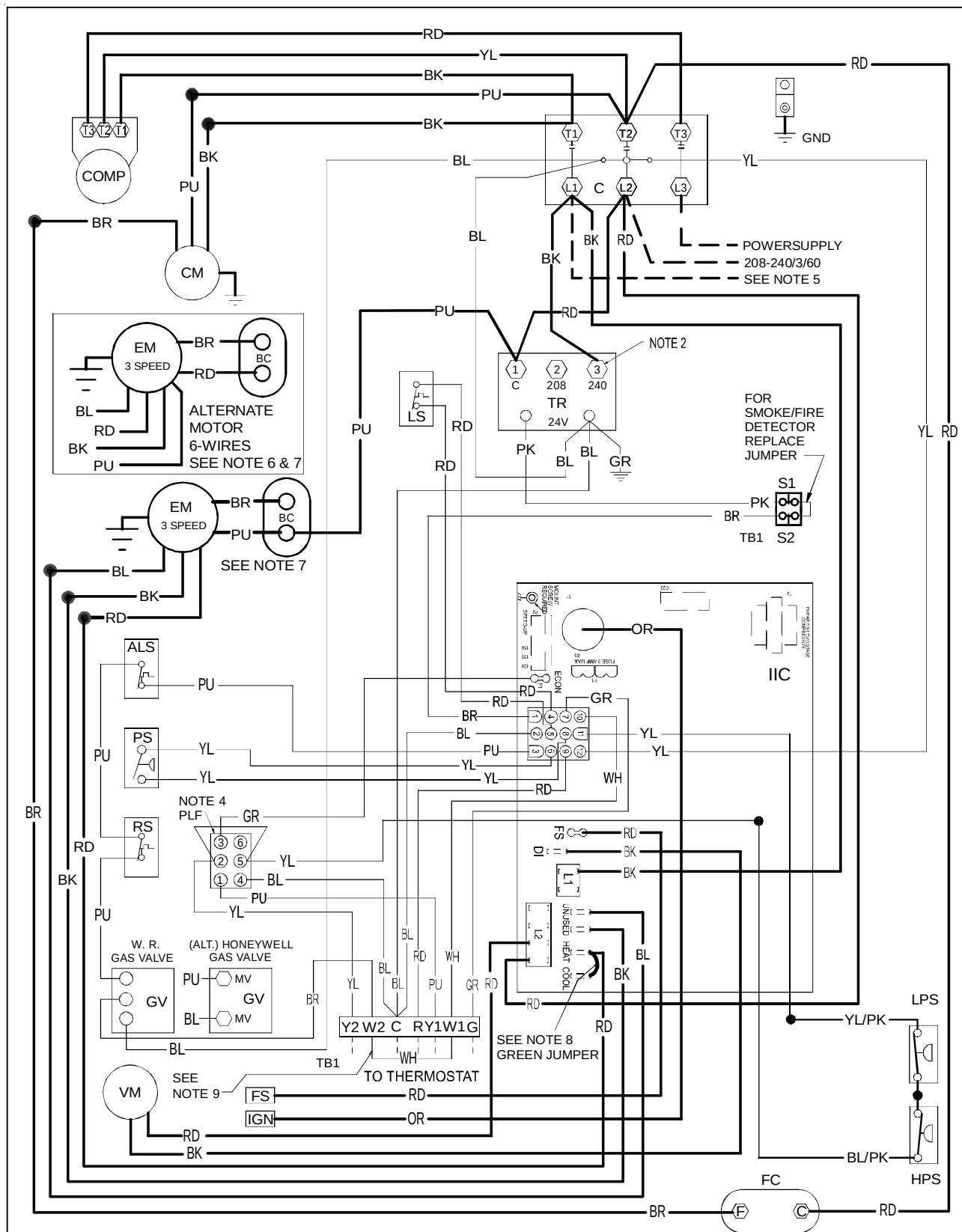
2 STAGE COOLING



CPG[036-048]*3DX*XB***



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.



208-240/3/60 0140L00507 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

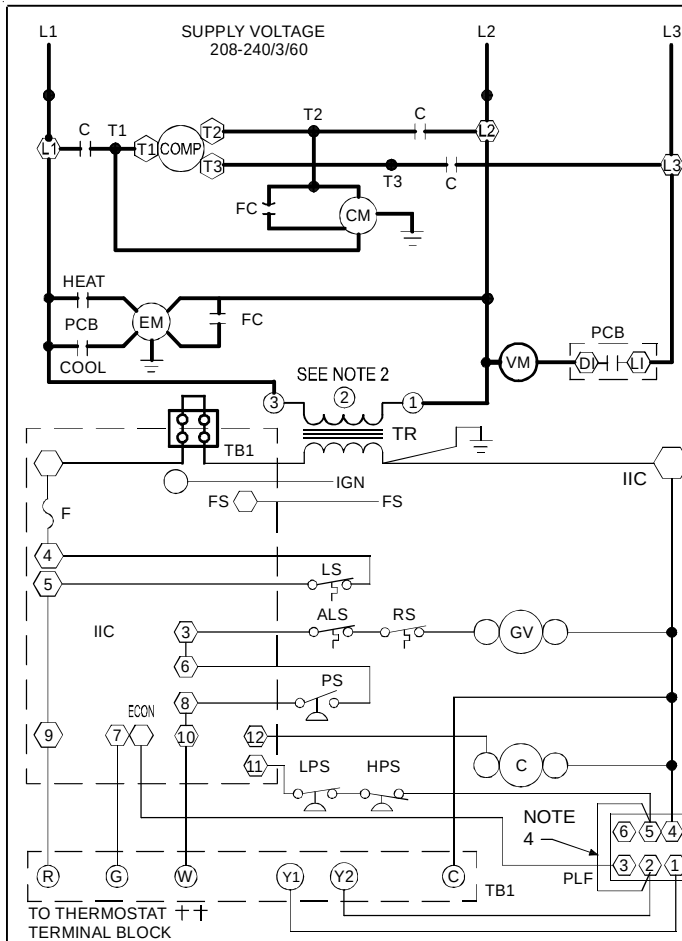
CPG[036-048]***3DX*XB*



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.



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.

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

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

208-240/3/60 0140L00507 REV B

FACTORY WIRING

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

FIELD WIRING

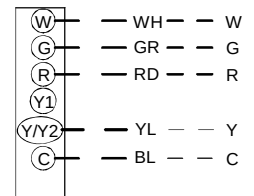
---	HIGH VOLTAGE
---	LOW VOLTAGE

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

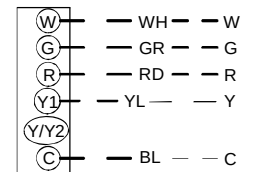
THERMOSTAT FIELD WIRING ++

NO ECONOMIZER



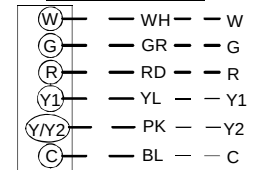
TB1 STAT

WITH ECONOMIZER OPTION



TB1 STAT

2 STAGE COOLING



TB1 STAT

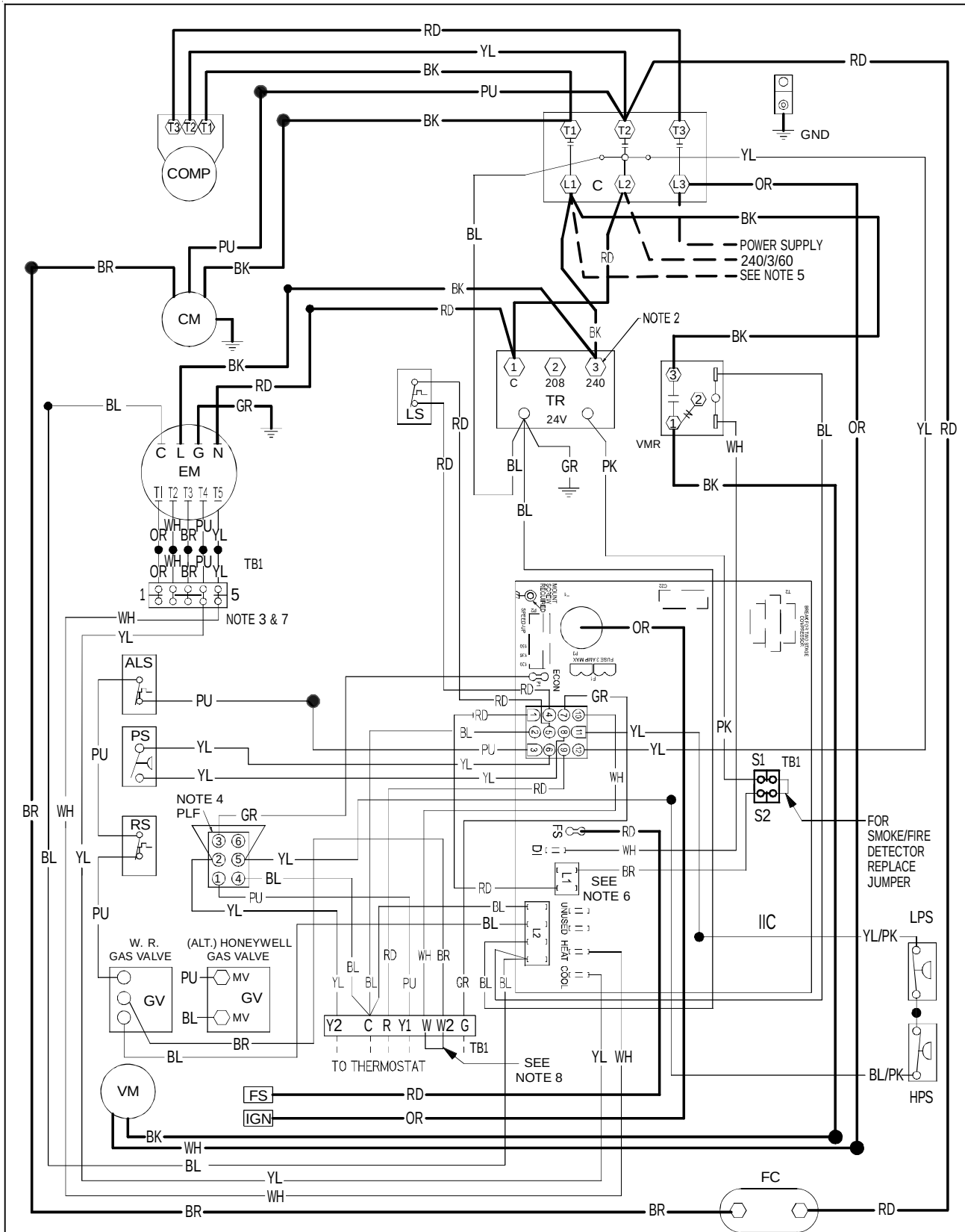
WIRING DIAGRAMS

CPG060***3DX*XB*



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.



230/3/60 0140L00980 REV B

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

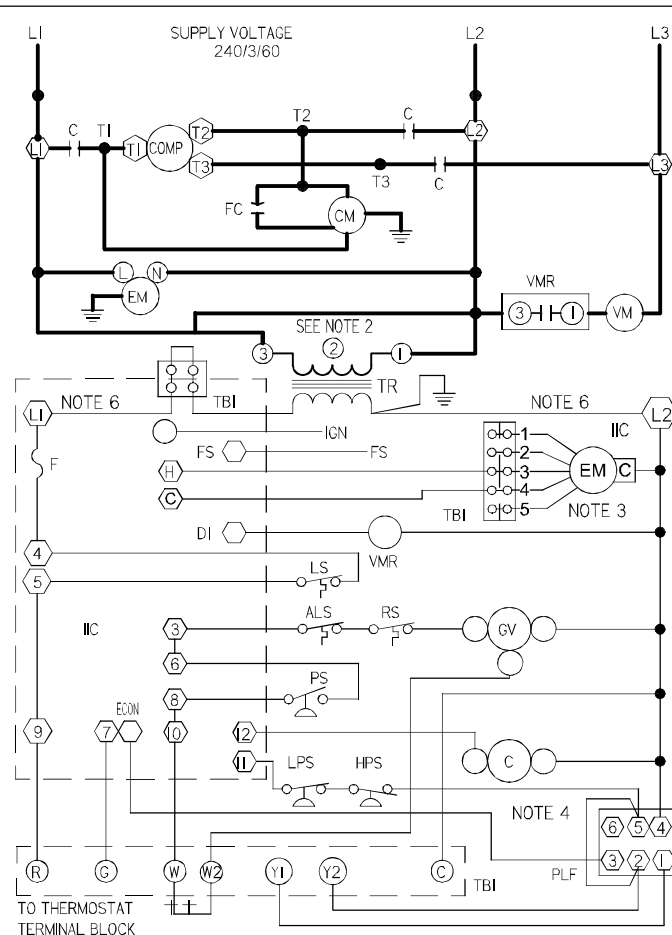
WIRING DIAGRAMS

CPG060***3DX*XB*



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.



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
TBI	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 WIRES FROM TERMINAL (3) TO TERMINAL (2) ON TRANSFORMER.
- FOR DIFFERENT THAN FACTORY SPEED TAP, CHANGE COOLING SPEED AT MOTOR T3 AND T4 TERMINALS. CHANGE HEATING SPEED AT MOTOR T1, T2, AND T5 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

230/3/60 0140L00980 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
PJ	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

INSTALLER/SERVICEMAN

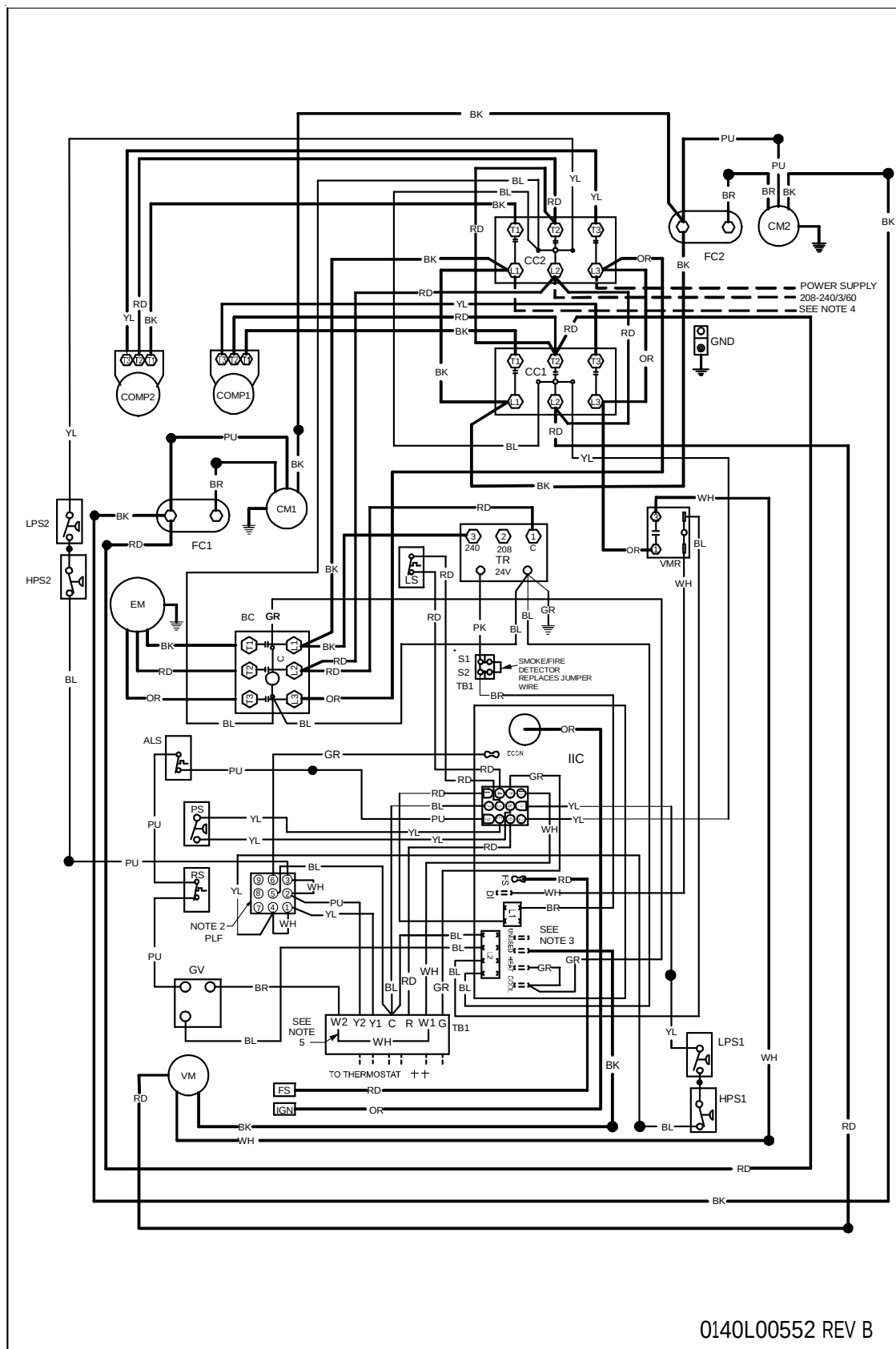
THE STATUS LIGHT ON THE FURNACE CONTROL MAY BE USED AS A GUIDE TO TROUBLESHOOTING THIS APPLIANCE. STATUS LIGHT CODES ARE AS FOLLOWS:

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


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.





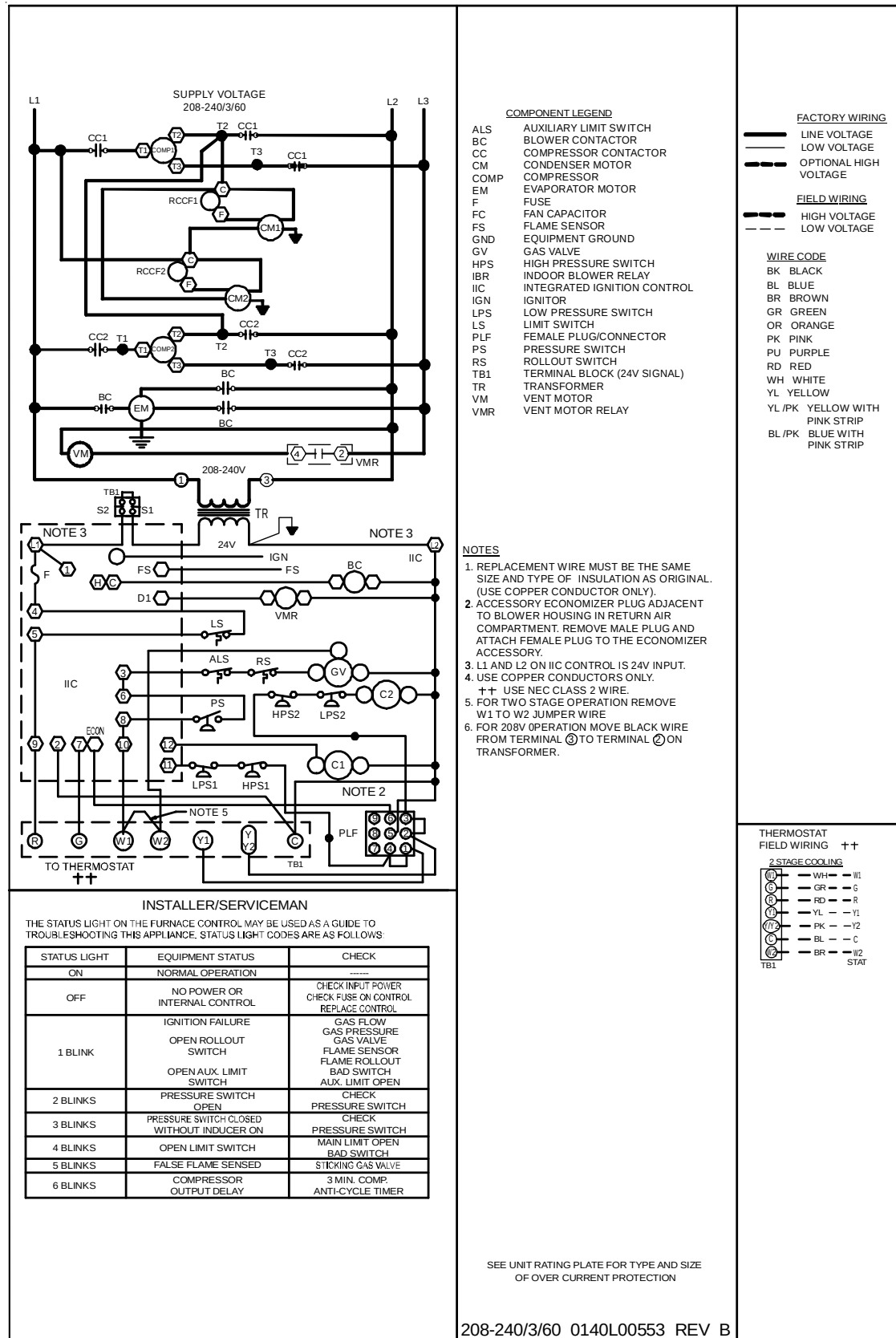
Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WIRING DIAGRAMS

CPG0902103BXXXB*

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.



208-240/3/60 0140L00553 REV B

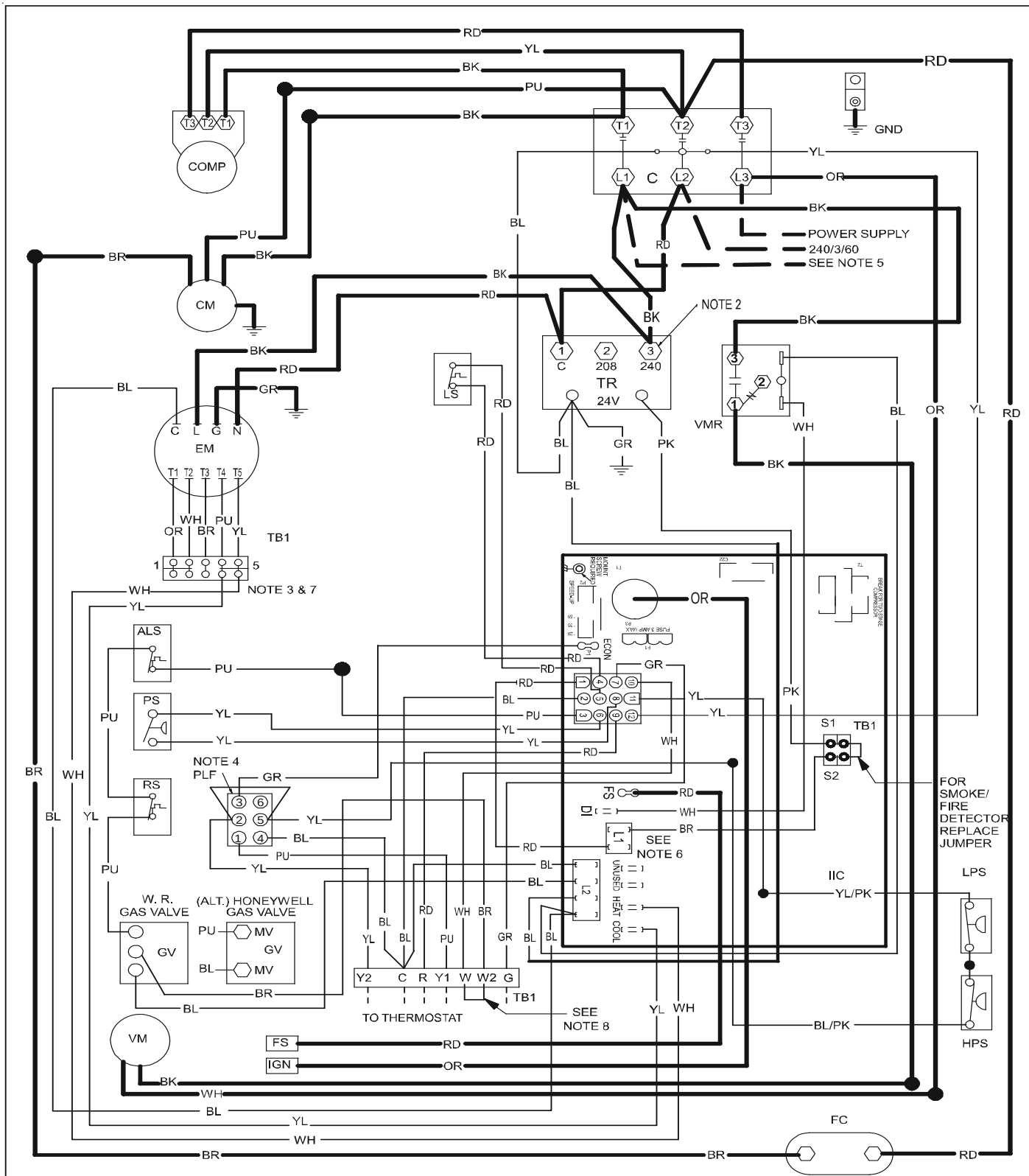
Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WIRING DIAGRAMS

CPG060***3DX*XC*

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.



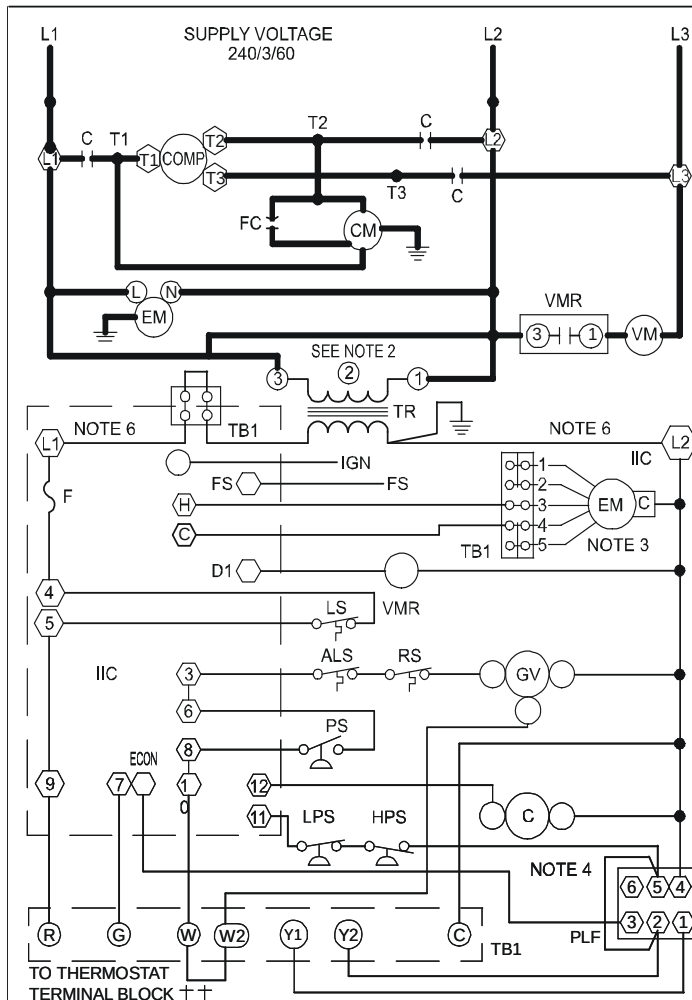
230/3/60 0140L02106-A

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.



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

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 WIRES FROM TERMINAL (3) TO TERMINAL (2) ON TRANSFORMER.
- FOR DIFFERENT THAN FACTORY SPEED TAP. CHANGE COOLING SPEED AT MOTOR T3 AND T4 TERMINALS. CHANGE HEATING SPEED AT MOTOR T1, T2, AND T5 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



230/3/60 0140L02106-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

TB1 STAT

WITH ECONOMIZER OPTION

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

TB1 STAT

2 STAGE COOLING

(W)	— WH — — W
(G)	— GR — — G
(R)	— RD — — R
(Y)	— YL — — 1
(Y/Y2)	— PK — — Y2
(C)	— BL — — C

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