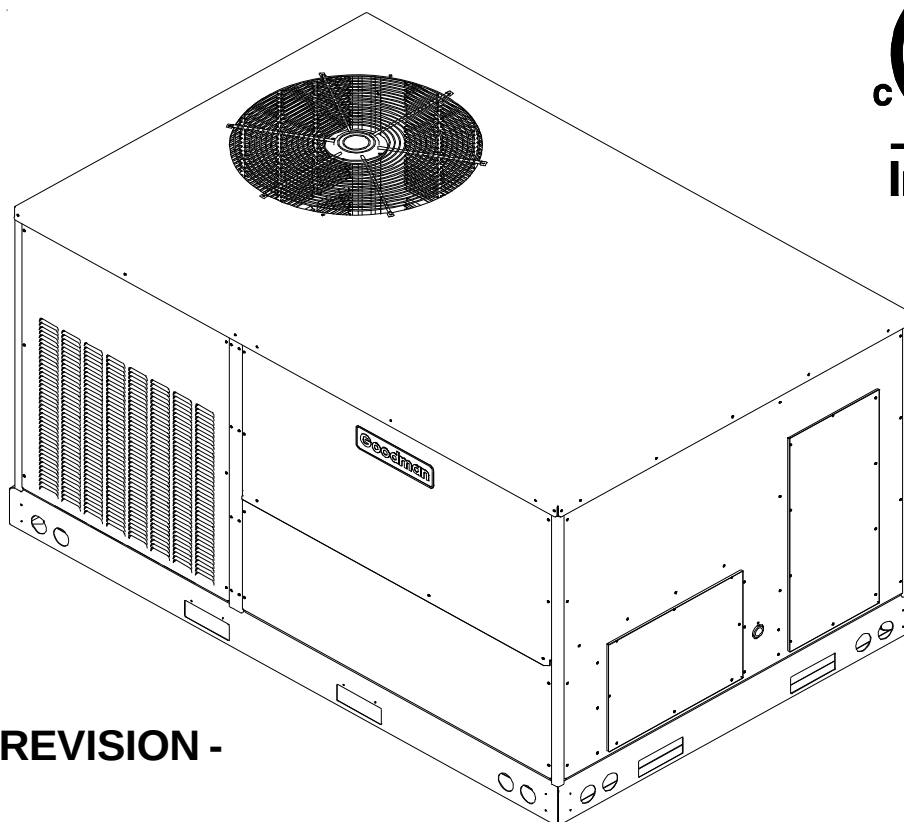


Goodman TECHNICAL MANUAL

CPC Package Cooling 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 or services performed by an unqualified person.

RT6422006r11
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.*

CPC036XXX3D***B*

CPC036XXX3B***B*

CPC036XXX3H***B*

CPC048XXX3D***B*

CPC048XXX3B***B*

CPC048XXX3H***B*

CPC060XXX3D***B*

CPC060XXX3D***C*

CPC060XXX3B***B*

CPC060XXX3H***B*

CPC072XXX3B***B*

CPC072XXX3H***B*

CPC090XXX3B***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

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



WARNING

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



WARNING

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



WARNING

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

PRODUCT IDENTIFICATION

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

PRODUCT DESIGN

CPC Light Commercial Package Units are designed for outdoor installations only, primarily in light commercial applications and are available in 208-230v single phase, 208-230v three phase, 460v three phase and 575v three phase in 3 thru 6 ton sizes with 1 compressor and 7.5 ton with 2 compressors.

The connecting ductwork (Supply and Return) can easily be connected from 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 restrictor orifices.

CPC 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.**

CPC***XXX3D indoor blower motors are PSC type motors with the exception of CPC060XXX3D units which 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.

CPC***XXX3B units have 3 phase belt drive indoor blower motors that are energized through the blower motor contactor.

Air for condensing (cooling cycle) or evaporation (heating cycle) is drawn through the filters, across the coil and back into the conditioned space by the indoor blower. The outdoor coil is designed for .0 static. No additional restriction (ductwork) shall be applied.

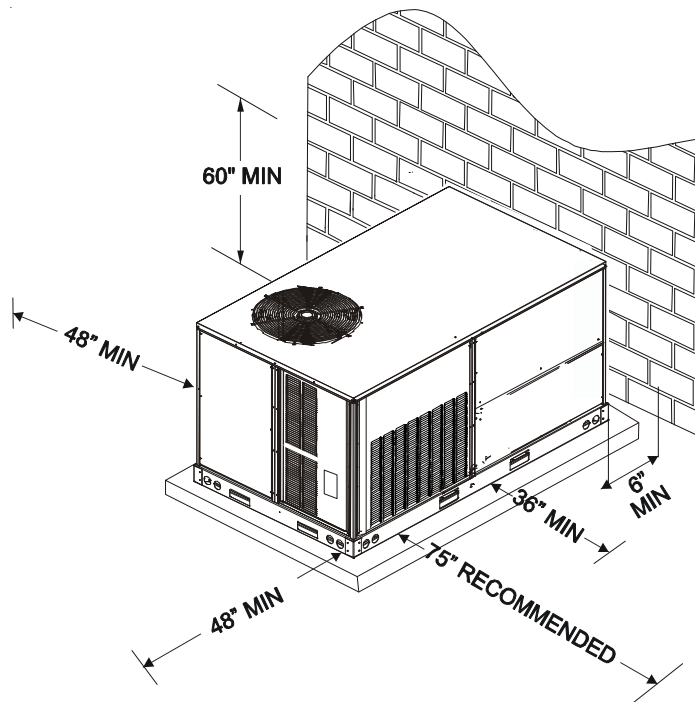
Conditioned air is drawn through the filters, across the coil and back into the conditioned space by the indoor blower.

CPC 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 oilbased 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



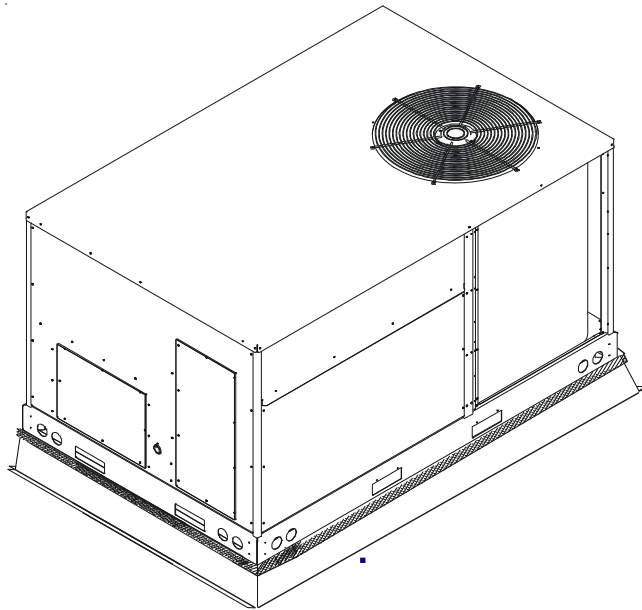
Outside Slab Installation - Horizontal

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



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

CPC***XX**XX - CORNER WEIGHTS

Model	A	B	C	D	X	Y
CPC036*	115	150	105	130	35	27
CPC048*	125	160	110	140	35	27
CPC060*	135	170	120	155	35	27
CPC072*	150	190	130	170	35	27

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

Columns X & Y are shown in inches.

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 Uniform Mechanical Code Section 305.

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.

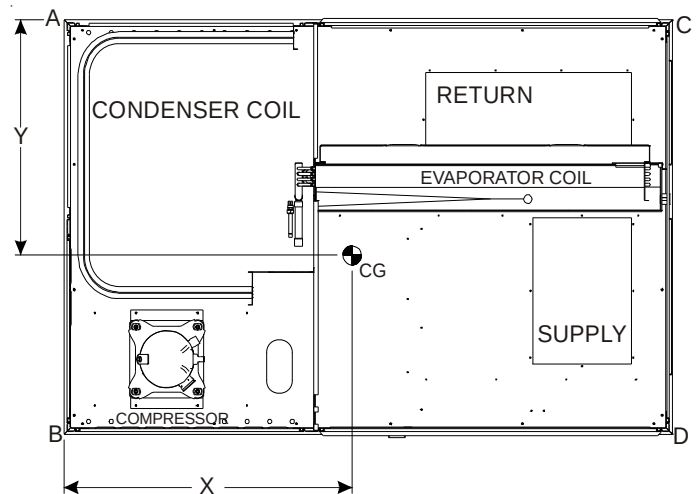
Refer to Roof curb Installation Instructions for proper curb installation. Curbing must be installed in compliance with the National Roofing Contractors Association Manual.

Corner & Center of Gravity Locations

NOTES:

1. Weights are for belt drive cooling unit; no options.
2. Centers of gravity are for belt drive cooling 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.



CENTER OF GRAVITY 3 - 6 TONS

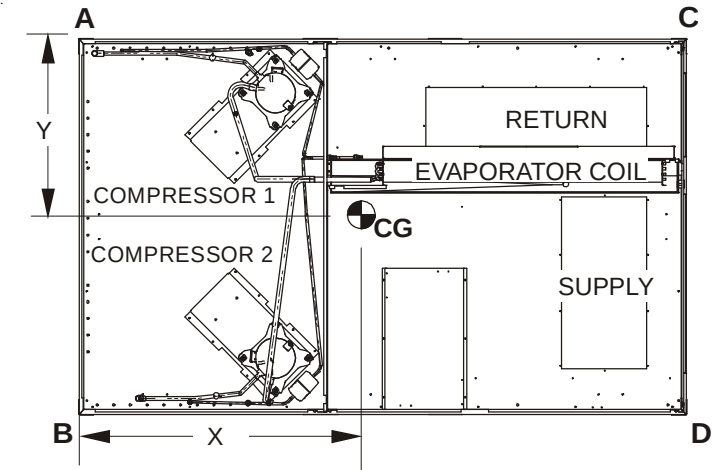
PRODUCT DESIGN

7.5 TONS

CPC***XXX**XXX - CORNER WEIGHTS						
Model	A	B	C	D	X	Y
CPC090*	280	280	280	280	48	30

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

Columns X & Y are shown in inches.



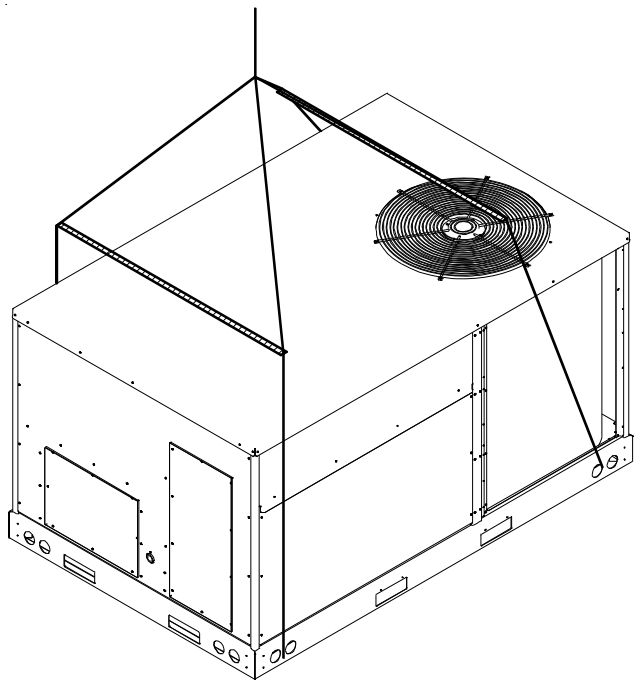
CENTER OF GRAVITY 7.5 TONS

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



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

Rigging Information



PRODUCT DESIGN

ELECTRICAL DATA (Heat Mode)

Model and Heat Kit Usage	Minimum Circuit Ampacity at 208 / 240V	Maximum Overcurrent Protection (amps) at 208 / 240 V	Actual kW at 240V	Recommended Airflow Range (Downshot)	Recommended Airflow Range (Horizontal)
CPC036XXX3BXXXB*	18	25			
EHK3-10	35	35	10	1250 - 1350 CFM	1250 - 1350 CFM
EHK3-15	50	50	15	1400 - 1440 CFM	1400 - 1440 CFM
CPC036XXX3DXXXB*	17	25			
EHK3-10	33	35	10	1250 - 1350 CFM	1250 - 1350 CFM
EHK3-15	48	50	15	1400 - 1440 CFM	1400 - 1440 CFM
CPC048XXX3BXXXB*	22	30			
EHK3-10	35	35	10	1400 - 1800 CFM	1400 - 1800 CFM
EHK3-15	50	50	15	1575 - 1800 CFM	1575 - 1800 CFM
EHK3-18	59	60	18	1575 - 1800 CFM	1575 - 1800 CFM
CPC048XXX3DXXXB*	21	30			
EHK3-10	34	35	10	1400 - 1800 CFM	1400 - 1800 CFM
EHK3-15	49	50	15	1575 - 1800 CFM	1575 - 1800 CFM
*EHK3-18	58	60	18	1575 - 1800 CFM	1575 - 1800 CFM
CPC060XXX3BXXXB*	25	40			
EHK3-10	35	40	10	1750-2250 CFM	1750-2250 CFM
EHK3-15	50	50	15	1750-2250 CFM	1750-2250 CFM
EHK3-20	65	70	20	1850-2250 CFM	1850-2250 CFM
CPC060XXX3DXXXB*	29	45			
EHK3-10	40	45	10	1750-2250 CFM	1750-2250 CFM
EHK3-15	55	60	15	1750-2250 CFM	1750-2250 CFM
EHK3-20	70	70	20	1850-2250 CFM	1850-2250 CFM
CPC072XXX3BXXXB*	31	45			
EHK3-10	36	45	10	2100 - 2700 CFM	2100 - 2700 CFM
EHK3-15	51	60	15	2100 - 2700 CFM	2100 - 2700 CFM
EHK3-20	66	70	20	2100 - 2700 CFM	2100 - 2700 CFM
EHK3-25	81	90	25	2100 - 2700 CFM	2100 - 2700 CFM
CPC090XXX3BXXXB*	37.3	50			
EHK3-16	55	60	15	3000 - 3375 CFM	3200 - 3375 CFM
EHK3-30	100	100	30	3000 - 3375 CFM	3200 - 3375 CFM
EHK3-45	139	150	43	3000 - 3375 CFM	3200 - 3375 CFM

kW Correction Factor					
Supply Voltage	240	230	220	210	208
Correction Factor	1	0.92	0.82	0.78	0.76



ATTENTION INSTALLING PERSONNEL

Use only the heater kit specified for each model as dictated by the table above.

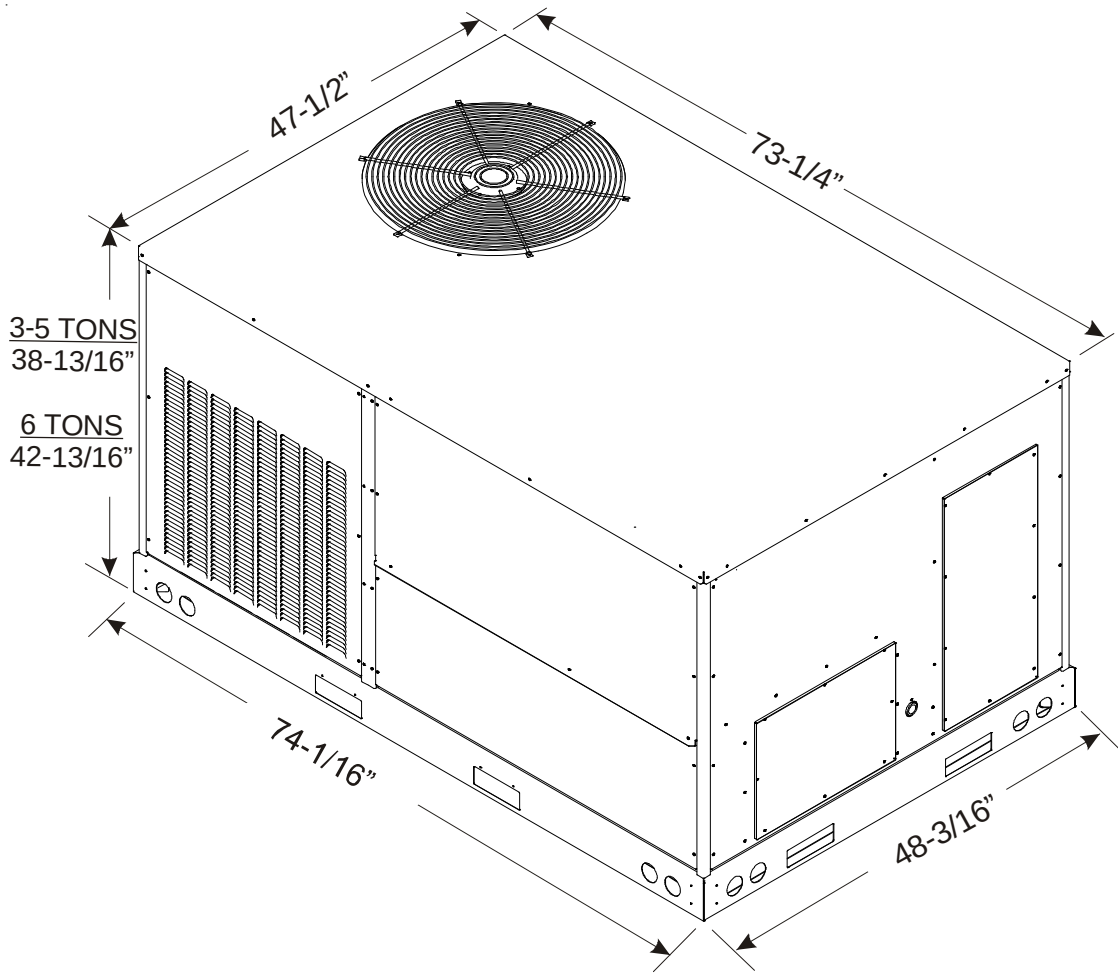


WARNING

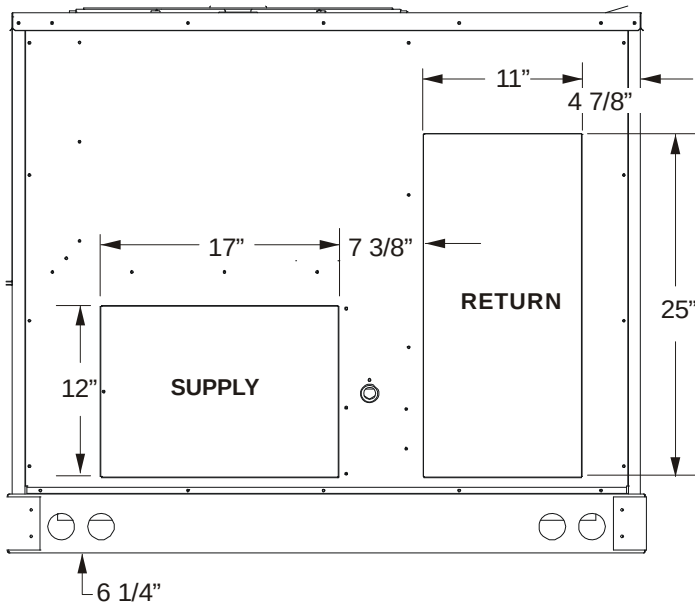
All wires and overcurrent protection devices are sized for use with electric heaters only and without refrigeration. If heaters are not installed with above wire size, overheating and fire could occur. See PACKAGE COOLING SPECIFICATIONS section for minimum circuit ampacity and maximum overcurrent protection during refrigeration cycle.

PRODUCT DIMENSIONS

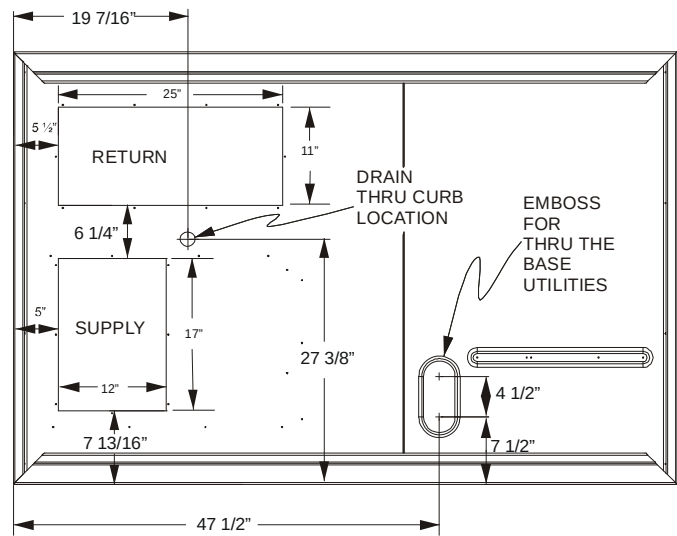
CPC[036-072]XXX3****B*



HORIZONTAL DISCHARGE



VERTICAL DISCHARGE

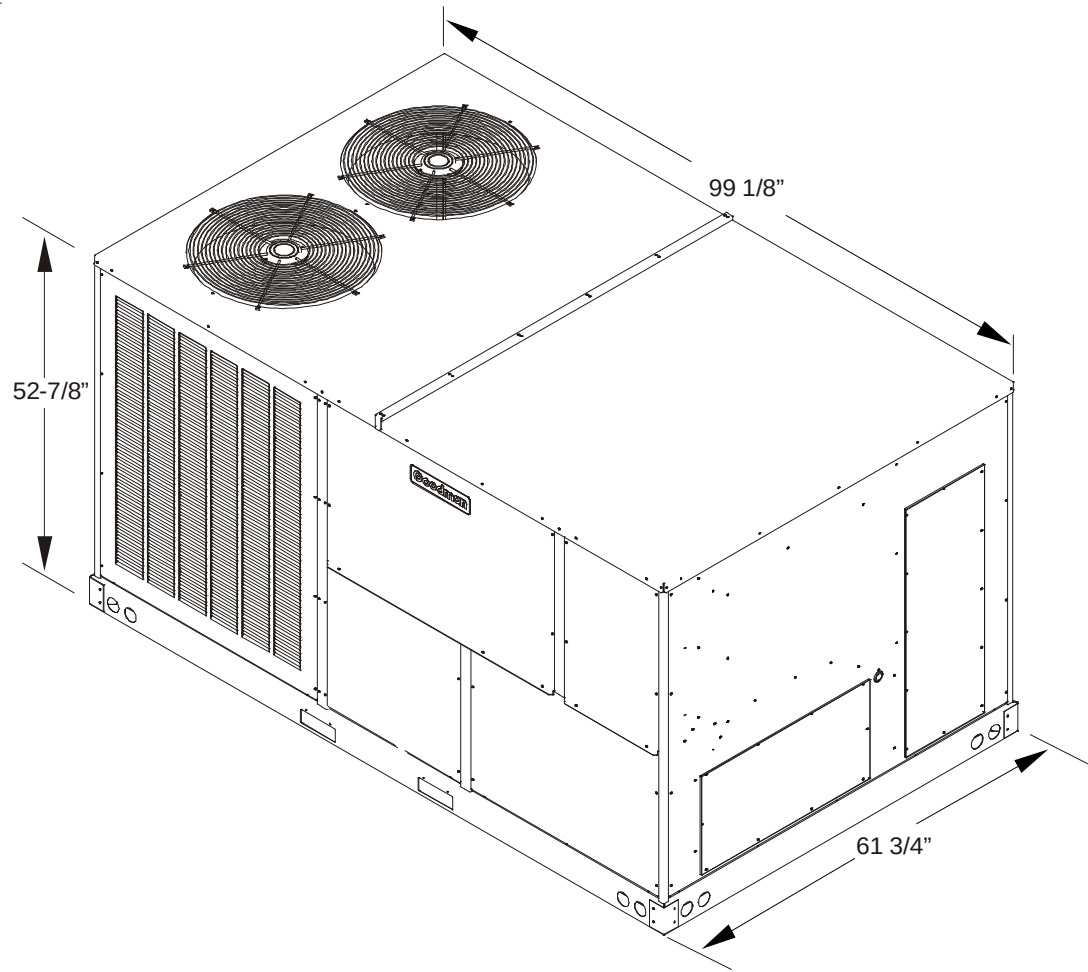


BOTTOM VIEW OF UNIT

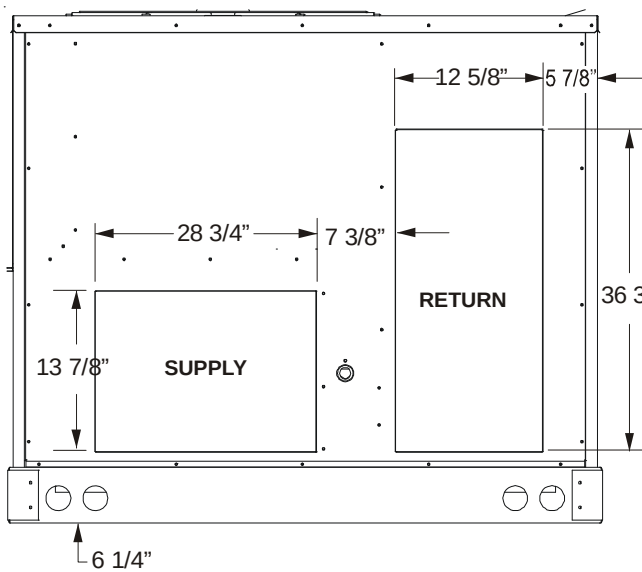
For horizontal discharge, remove the supply and return duct covers and place them over the vertical discharge return and supply openings. Install with insulation facing up, using the longer screws provided in the literature package.

PRODUCT DIMENSIONS

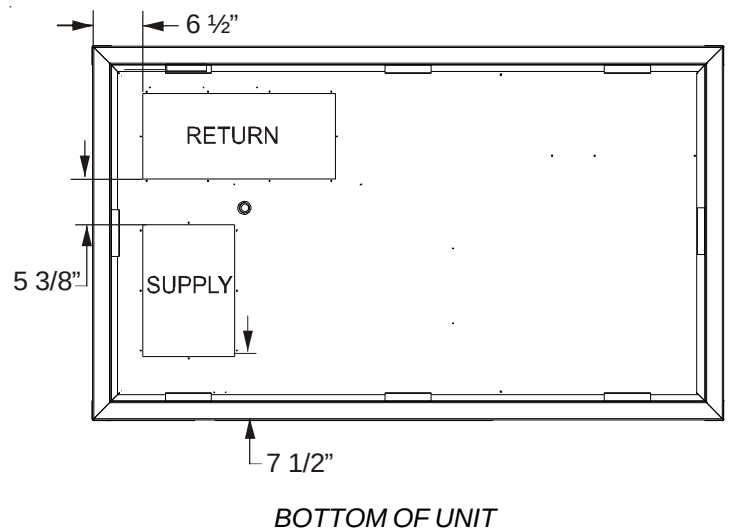
CPC090XXX3****B*



HORIZONTAL DISCHARGE



VERTICAL DISCHARGE



PACKAGE COOLING SPECIFICATIONS CPC036XXX3(D/B/H)***B*

		CPC036XXX3DXXX	CPC036XXX3BXXX	CPC036XXX3HXXX
COOLING CAPACITY	COOLING CAPACITY, BTUH SEER/EER	34,600 13/11.0	34,600 13/11.0	34,600 13/11.0
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE) AMPS (TOTAL) MINIMUM CIRCUIT AMPACITY MAXIMUM OVERCURRENT PROTECTION ⁽¹⁾	208-230/3/60 14.4 17 25	208-230/3/60 15.7 18 25	208-230/3/60 16.9 19 25
COMPRESSOR	TYPE RATED LOAD AMPS LOCKED ROTOR AMPS	SCROLL 10.5 73	SCROLL 10.5 73	SCROLL 10.5 73
CONDENSER FAN MOTOR	HORSEPOWER RPM RATED LOAD AMPS LOCKED ROTOR AMPS	1/4 1090 1.4 2.9	1/4 1090 1.4 2.9	1/4 1090 1.4 2.9
CONDENSER FAN	BLADE DIAMETER (") / # OF BLADES NOMINAL CFM	22/4 3,800	22/4 3,800	22/4 3,800
CONDENSER COIL	FACE AREA - SQ. FT. NUMBER OF ROWS FINS PER INCH	17 1 24	17 1 24	17 1 24
EVAPORATOR BLOWER MOTOR	HORSEPOWER TYPE - STANDARD NO. OF SPEEDS RATED LOAD AMPS LOCKED ROTOR AMPS MOTOR SPEED TAP - COOLING RPM	1/3 STD DIRECT DRIVE PSC - 3 2.5 -- LOW SPEED 890	1.0 STD STATIC BELT DRIVE 1 3.8 10.9 -- 1725	1.5 HIGH STATIC BELT DRIVE 1 5 18.0 -- 1725
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES) RATED SCFM COOLING MAX EXTERNAL STATIC PRESS ("w.c.)	10X9 1200 0.5	11X10 1200 0.7	11X10 1200 1.6
EVAPORATOR COIL	FACE AREA - SQ. FT. NUMBER OF ROWS FINS PER INCH	5.4 3 16	5.4 3 16	5.4 3 16
GENERAL INFORMATION	FILTER SIZE DRAIN SIZE (INCHES) EXPANSION DEVICE REFRIGERANT CHARGE R-410A (Oz.) POWER SUPPLY CONDUIT HOLE (") LOW VOLTAGE CONDUIT HOLE SHIPPING WEIGHT LBS. OPERATING WEIGHT LBS.	(1) 24" X 24" x 2" 3/4" Orifice (0.072) 83 1.125 1/2" 525 500	(1) 24" X 24" x 2" 3/4" Orifice (0.072) 83 1.125 1/2" 525 500	(1) 24" X 24" x 2" 3/4" Orifice (0.072) 83 1.125 1/2" 525 500

⁽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.



WARNING

All wires and overcurrent protection devices are sized for use with electric heaters only and without refrigeration. If heaters are not installed with above wire size, overheating and fire could occur. See PACKAGE COOLING SPECIFICATIONS section for minimum circuit ampacity and maximum overcurrent protection during refrigeration cycle.

PACKAGE COOLING SPECIFICATIONS CPC048XXX3(D/B/H)***B*

		CPC048XX03DXXX	CPC048XX03BXXX	CPC048XX03HXXX
COOLING CAPACITY	COOLING CAPACITY, BTUH	45,500	45,500	45,500
	SEER/EER	13/11.3	13/11.3	13/11.3
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/3/60	208-230/3/60	208-230/3/60
	AMPS (TOTAL)	17.4	18.3	19.5
	MINIMUM CIRCUIT AMPACITY	21	22	22.8
	MAXIMUM OVERCURRENT PROTECTION ⁽¹⁾	30	30	35
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	13.1	13.1	13.1
	LOCKED ROTOR AMPS	83.1	83.1	83.1
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4	1/4
	RPM	1090	1090	1090
	RATED LOAD AMPS	1.4	1.4	1.4
	LOCKED ROTOR AMPS	2.9	2.9	2.9
CONDENSER FAN	BLADE DIAMETER(") / # OF BLADES	22/4	22/4	22/4
	NOMINAL CFM	3,800	3,800	3,800
CONDENSER COIL	FACE AREA - SQ. FT.	17	17	17
	NUMBER OF ROWS	1	1	1
	FINS PER INCH	24	24	24
EVAPORATOR BLOWER MOTOR	HORSEPOWER	1/2	1.0	1.5
	TYPE - STANDARD	DIRECT DRIVE	STD STATIC BELT DRIVE	HIGH STATIC BELT DRIVE
	NO. OF SPEEDS	PSC - 3	1	1
	RATED LOAD AMPS	2.9	3.8	5
	LOCKED ROTOR AMPS	4.8	10.9	18.0
	MOTOR SPEED TAP - COOLING	MEDIUM	--	--
	RPM	1000	1725	1725
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10 X 9	11 X 10	11 X 10
	RATED SCFM COOLING	1600	1600	1600
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.6	0.8	0.8
EVAPORATOR COIL	FACE AREA - SQ. FT.	7.0	7.0	7.0
	NUMBER OF ROWS	4	4	4
	FINS PER INCH	16	16	16
GENERAL INFORMATION	FILTER SIZE	(4) 14" X 20" x 2"	(4) 14" X 20" x 2"	(4) 14" X 20" x 2"
	DRAIN SIZE (INCHES)	3/4"	3/4"	3/4"
	EXPANSION DEVICE	ORIFICE (0.076)	ORIFICE (0.076)	ORIFICE (0.076)
	REFRIGERANT CHARGE R-410A (Oz.)	103	103	103
	POWER SUPPLY CONDUIT HOLE (")	1.125	1.125	1.125
	LOW VOLTAGE CONDUIT HOLE	1/2"	1/2"	1/2"
	LOW PRESSURE SWITCH (OPEN/CLOSE-PSIG)	22/50	22/50	22/50
	HIGH PRESSURE SWITCH (OPENS-PSIG)	660	660	660
	SHIPPING WEIGHT LBS.	560	560	560
	OPERATING WEIGHT LBS.	535	535	535

⁽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.



WARNING

All wires and overcurrent protection devices are sized for use with electric heaters only and without refrigeration. If heaters are not installed with above wire size, overheating and fire could occur. See PACKAGE COOLING SPECIFICATIONS section for minimum circuit ampacity and maximum overcurrent protection during refrigeration cycle.

PACKAGE COOLING SPECIFICATIONS CPC060XXX3(D/B/H)***B*

		CPC060XXX3DXXX	CPC060XXX3BXXX	CPC060XXX3HXXX
COOLING CAPACITY	COOLING CAPACITY, BTUH	59,500	59,500	59,500
	SEER/EER	13/11.3	13/11.0	13/11.0
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/3/60	208-230/3/60	208-230/3/60
	AMPS (TOTAL)	25	21.2	22.4
	MINIMUM CIRCUIT AMPACITY	29	25	26.4
	MAXIMUM OVERCURRENT PROTECTION ⁽¹⁾	45	40	40
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	16	16	16
	LOCKED ROTOR AMPS	110	110	110
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4	1/4
	RPM	1090	1090	1090
	RATED LOAD AMPS	1.4	1.4	1.4
	LOCKED ROTOR AMPS	2.9	2.9	2.9
CONDENSER FAN	BLADE DIAMETER (") / # OF BLADES	22/4	22/4	22/4
	NOMINAL CFM	3,800	3,800	3,800
CONDENSER COIL	FACE AREA - SQ. FT.	17	17	17
	NUMBER OF ROWS	2	2	2
	FINS PER INCH	18	18	18
EVAPORATOR	HORSEPOWER	1.0	1.0	1.5
BLOWER MOTOR	TYPE - STANDARD	STD DIRECT DRIVE	STD STATIC BELT DRIVE	HIGH STATIC BELT DRIVE
	NO. OF SPEEDS	X-13 / 5	1	1
	RATED LOAD AMPS	7.6	3.8	5
	LOCKED ROTOR AMPS	--	24	18
	MOTOR SPEED TAP - COOLING	T4	--	--
	RPM	1050	1725	1725
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	11 X 10	11 X 10	11 X 10
	RATED SCFM COOLING	2000	2000	2000
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.9	1.0	1.0
EVAPORATOR COIL	FACE AREA	7.8	7.8	7.8
	NUMBER OF ROWS	4	4	4
	FINS PER INCH	16	16	16
GENERAL INFORMATION	FILTER SIZE	(4) 14" X 20" x 2"	(4) 14" X 20" x 2"	(4) 14" X 20" x 2"
	DRAIN SIZE (INCHES)	3/4"	3/4"	3/4"
	EXPANSION DEVICE	Orifice (0.086)	Orifice (0.086)	Orifice (0.086)
	REFRIGERANT CHARGE R-410A (Oz.)	162	162	162
	POWER SUPPLY CONDUIT HOLE (")	1.125	1.125	1.125
	LOW VOLTAGE CONDUIT HOLE	1/2"	1/2"	1/2"
	LOW PRESSURE SWITCH (OPEN/CLOSE-PSIG)	22/50	22/50	22/50
	HIGH PRESSURE SWITCH (OPENS-PSIG)	660	660	660
	SHIPPING WEIGHT LBS.	605	605	605
	OPERATING WEIGHT LBS.	580	580	580

⁽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.



WARNING

All wires and overcurrent protection devices are sized for use with electric heaters only and without refrigeration. If heaters are not installed with above wire size, overheating and fire could occur. See PACKAGE COOLING SPECIFICATIONS section for minimum circuit ampacity and maximum overcurrent protection during refrigeration cycle.

PACKAGE COOLING SPECIFICATIONS CPC072XXX3(B/H)***B*

		CPC072XXX3BXXX	CPC072XXX3HXXX
COOLING CAPACITY	COOLING CAPACITY, BTUH	71,000	71,000
	EER	11.1	11.1
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/3/60	208-230/3/60
	AMPS (TOTAL)	25.9	28.7
	MINIMUM CIRCUIT AMPACITY	31	34
	MAXIMUM OVERCURRENT PROTECTION ⁽¹⁾	45	50
COMPRESSOR	TYPE	SCROLL	SCROLL
	RATED LOAD AMPS	19	19
	LOCKED ROTOR AMPS	123	123
CONDENSER FAN MOTOR	HORSEPOWER	1/3	1/3
	RPM	1075	1075
	RATED LOAD AMPS	1.9	1.9
	LOCKED ROTOR AMPS	4.0	4.0
CONDENSER FAN	BLADE DIAMETER(") / # OF BLADES	22/4	22/4
	NOMINAL CFM	4,300	4,300
CONDENSER COIL	FACE AREA - SQ. FT.	18.7	18.7
	NUMBER OF ROWS	2	2
	FINS PER INCH	20	20
EVAPORATOR BLOWER MOTOR	HORSEPOWER	1.5	2.0
	TYPE - STANDARD	STD STATIC BELT DRIVE	HIGH STATIC BELT DRIVE
	NO. OF SPEEDS	1	1
	RATED 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	2,400	2,400
	MAX EXTERNAL STATIC PRESS ("w.c.)	1.0	1.0
EVAPORATOR COIL	FACE AREA	8.9	8.9
	NUMBER OF ROWS	4	4
	FINS PER INCH	16	16
GENERAL INFORMATION	FILTER SIZE	(4) 20" X 16" x 2"	(4) 20" X 16" x 2"
	DRAIN SIZE (INCHES)	3/4"	3/4"
	EXPANSION DEVICE	Orifice (0.094)	Orifice (0.094)
	REFRIGERANT CHARGE R-410A (Oz.)	213	213
	POWER SUPPLY CONDUIT HOLE SIZE (")	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.	665	665
	OPERATING WEIGHT LBS.	640	640

⁽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.



WARNING

All wires and overcurrent protection devices are sized for use with electric heaters only and without refrigeration. If heaters are not installed with above wire size, overheating and fire could occur. See PACKAGE COOLING SPECIFICATIONS section for minimum circuit ampacity and maximum overcurrent protection during refrigeration cycle.

PACKAGE COOLING SPECIFICATIONS

CPC090XXX3B***B*

		CPC090XXX3BXXX
COOLING CAPACITY	COOLING CAPACITY, BTUH	88,000
	EER	11.2
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/3/60
	AMPS (TOTAL)	34
	MINIMUM CIRCUIT AMPACITY	37.3
	MAXIMUM OVERCURRENT PROTECTION ⁽¹⁾	50
COMPRESSOR	TYPE	SCROLL
	RATED LOAD AMPS	13.1
	LOCKED ROTOR AMPS	83.1
CONDENSER FAN MOTOR	QUANTITY OF CONDENSER FAN MOTORS	2
	HORSEPOWER	1/4
	RPM	1075
	RATED LOAD AMPS	1.4
	LOCKED ROTOR AMPS	2.9
CONDENSER FAN	BLADE DIAMETER(") / # OF BLADES	22/4
	NOMINAL CFM	7,600
CONDENSER COIL	FACE AREA - SQ. FT.	26.5
	NUMBER OF ROWS	2
	FINS PER INCH	22
EVAPORATOR BLOWER MOTOR	HORSEPOWER - TYPE - STANDARD	1.5 - STD STATIC BELT DRIVE
	NO. OF SPEEDS	1
	FULL LOAD AMPS	5.0
	LOCKED ROTOR AMPS	18
	MOTOR SPEED TAP - COOLING	---
	RPM	1745
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	15x12
	RATED SCFM COOLING	3000
	MAX EXTERNAL STATIC PRESS ("w.c.)	1.0
EVAPORATOR COIL	FACE AREA - SQ. FT.	8.9
	NUMBER OF ROWS	4
	FINS PER INCH	16
GENERAL INFORMATION	FILTER SIZE	(4) 16 X 20 x 2
	DRAIN SIZE (INCHES)	3/4"
	EXPANSION DEVICE	Orifice (0.078)
	REFRIGERANT CHARGE R-410A (Oz.) CIR #1	175
	REFRIGERANT CHARGE R-410A (Oz.) CIR #2	175
	POWER SUPPLY CONDUIT KNOCKOUT SIZE (INCHES)	LOCATING DIMPLE
	LOW VOLTAGE CONDUIT KNOCKOUT SIZE (INCHES)	LOCATING DIMPLE
	SHIPPING WEIGHT LBS.	1150
	OPERATING WEIGHT LBS.	1110

⁽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.



WARNING

All wires and overcurrent protection devices are sized for use with electric heaters only and without refrigeration. If heaters are not installed with above wire size, overheating and fire could occur. See PACKAGE COOLING SPECIFICATIONS section for minimum circuit ampacity and maximum overcurrent protection during refrigeration cycle.

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

CPC036XXX3D***B*

DIRECT DRIVE - 3 TON

CPC/H 036 DIRECT DRIVE DOWNSHOT

Speed Tap	ESP, IN W.C.	Standard CFM	Amps	Watts	RPM
LOW	0.1	1287	1.66	350	770
	0.2	1233	1.63	342	815
	0.3	1176	1.59	332	858
	0.4	1107	1.55	320	891
	0.5	1044	1.51	312	924
	0.6	965	1.45	296	957
MED	0.1	1476	2.08	446	866
	0.2	1421	2.03	432	885
	0.3	1334	1.96	414	918
	0.4	1255	1.90	396	945
	0.5	1180	1.84	386	971
	0.6	1085	1.78	368	990
	0.7	964	1.70	344	1023
HIGH	0.3	1455	2.31	490	962
	0.4	1367	2.25	476	984
	0.5	1277	2.16	454	1006
	0.6	1180	2.09	438	1025
	0.7	1080	2.02	418	1039
	0.8	922	1.90	386	1067

CPC/H 036 DIRECT DRIVE HORIZONTAL FLOW

Speed Tap	ESP, IN W.C.	Standard CFM	Amps	Watts	RPM
LOW	0.1	1296	1.67	356	764
	0.2	1245	1.60	334	830
	0.3	1174	1.56	325	861
	0.4	1103	1.52	316	891
	0.5	1013	1.46	300	935
	0.6	913	1.40	284	979
MED	0.1	1502	2.10	456	836
	0.2	1449	2.06	444	864
	0.3	1396	2.02	432	891
	0.4	1335	1.97	418	916
	0.5	1273	1.91	404	940
	0.6	1153	1.83	380	973
	0.7	996	1.71	346	1017
HIGH	0.2	1516	2.36	506	940
	0.3	1454	2.31	496	960
	0.4	1392	2.26	486	979
	0.5	1273	2.17	458	1006
	0.6	1183	2.09	441	1023
	0.7	1092	2.02	424	1039
	0.8	920	1.90	390	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

CPC048XXX3D***B*

DIRECT DRIVE - 4 TON

CPC/H 048 DIRECT DRIVE DOWNSHOT

Speed Tap	ESP, IN W.C.	Standard CFM	Amps	Watts	RPM
LOW	0.1	1602	2.48	528	835
	0.2	1538	2.37	506	878
	0.3	1474	2.26	484	921
	0.4	1390	2.15	460	950
	0.5	1306	2.04	436	979
MED	0.1	1805	2.84	620	935
	0.2	1704	2.71	590	967
	0.3	1625	2.59	558	990
	0.4	1549	2.47	540	1012
	0.5	1437	2.38	516	1030
	0.6	1301	2.23	480	1050
	0.7	1158	2.09	444	1072
HIGH	0.1	1971	3.22	706	968
	0.2	1828	3.03	664	998
	0.3	1744	2.94	632	1017
	0.4	1628	2.80	606	1034
	0.5	1510	2.69	582	1050
	0.6	1402	2.57	552	1067

CPC/H 048 DIRECT DRIVE HORIZONTAL FLOW

Speed Tap	ESP, IN W.C.	Standard CFM	Amps	Watts	RPM
LOW	0.1	1622	2.54	539	809
	0.2	1558	2.43	517	852
	0.3	1494	2.32	495	895
	0.4	1410	2.21	471	924
	0.5	1326	2.10	447	953
MED	0.1	1861	3.11	670	886
	0.2	1733	2.775	606	918
	0.3	1639	2.64	568	960
	0.4	1564	2.51	542	984
	0.5	1434	2.35	508	1017
	0.6	1320	2.25	482	1039
	0.7	1156	2.08	446	1067
HIGH	0.1	1984	3.34	734	949
	0.2	1883	3.18	694	977
	0.3	1770	3.03	654	1001
	0.4	1656	2.87	620	1027
	0.5	1540	2.76	590	1044
	0.6	1415	2.62	558	1061

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

CPC060XXX3D***B*

DIRECT DRIVE - 5 TON

CPC/H 060 DIRECT DRIVE DOWNSHOT

CPC/H 060 DIRECT DRIVE HORIZONTAL FLOW

Speed Tap	ESP, IN W.C.	Standard CFM	Amps	Watts	RPM
T1	0.1	1334	1.65	180	627
	0.2	1286	1.75	192	665
	0.3	1212	1.83	202	715
	0.4	1144	1.94	216	759
	0.5	1077	1.99	222	792
	0.6	1039	2.10	238	830
	0.7	953	2.17	248	874
	0.8	904	2.27	258	913
	0.9	825	2.30	266	940
T2	0.1	1512	2.12	240	682
	0.2	1469	2.24	254	720
	0.3	1397	2.31	264	759
	0.4	1333	2.44	282	803
	0.5	1285	2.54	296	836
	0.6	1221	2.59	304	874
	0.7	1173	2.72	322	913
	0.8	1118	2.77	328	946
	0.9	1049	2.90	344	984
T3	0.1	2053	4.27	540	869
	0.2	2014	4.39	558	896
	0.3	1999	4.60	576	929
	0.4	1947	4.68	588	957
	0.5	1897	4.79	608	989
	0.6	1857	4.87	620	1012
	0.7	1763	4.99	640	1050
	0.8	1741	5.06	650	1072
	0.9	1669	5.19	668	1105
T4	0.1	2137	4.95	634	913
	0.2	2093	5.07	652	940
	0.3	2095	5.19	670	962
	0.4	2026	5.28	682	990
	0.5	1980	5.40	698	1018
	0.6	1961	5.49	720	1039
	0.7	1914	5.58	732	1072
	0.8	1845	5.70	742	1100
	0.9	1766	5.69	740	1127
T5	0.1	2299	5.70	742	942
	0.2	2233	5.80	748	969
	0.3	2217	5.90	768	990
	0.4	2157	6.07	786	1018
	0.5	2131	6.12	804	1045
	0.6	2060	6.21	816	1073
	0.7	2015	6.30	820	1095
	0.8	1940	6.27	816	1111
	0.9	1862	6.13	790	1128

Speed Tap	ESP, IN W.C.	Standard CFM	Amps	Watts	RPM
T1	0.1	1355	1.57	174	599
	0.2	1281	1.66	182	651
	0.3	1235	1.76	196	693
	0.4	1168	1.81	202	726
	0.5	1118	1.94	218	775
	0.6	1049	2.03	232	819
	0.7	982	2.10	240	858
	0.8	922	2.14	246	885
	0.9	871	2.25	260	927
T2	0.1	1544	2.04	234	660
	0.2	1490	2.17	250	704
	0.3	1427	2.25	260	742
	0.4	1370	2.35	276	781
	0.5	1319	2.42	282	809
	0.6	1274	2.52	296	849
	0.7	1210	2.62	316	891
	0.8	1137	2.73	326	935
	0.9	1106	2.77	336	957
T3	0.1	2099	4.13	516	825
	0.2	2068	4.25	536	852
	0.3	2029	4.37	552	885
	0.4	1971	4.48	568	913
	0.5	1911	4.61	586	950
	0.6	1876	4.73	604	973
	0.7	1821	4.86	622	1012
	0.8	1792	4.91	630	1028
	0.9	1740	5.03	648	1067
T4	0.1	2233	4.76	608	863
	0.2	2168	4.91	628	896
	0.3	2125	5.02	640	924
	0.4	2070	5.14	660	951
	0.5	2050	5.27	678	979
	0.6	1980	5.41	696	1012
	0.7	1954	5.47	704	1034
	0.8	1893	5.60	724	1067
	0.9	1852	5.70	736	1089
T5	0.1	2322	5.44	710	904
	0.2	2294	5.55	726	934
	0.3	2254	5.68	742	958
	0.4	2201	5.80	766	990
	0.5	2147	5.93	782	1017
	0.6	2117	6.01	788	1039
	0.7	2081	6.12	808	1060
	0.8	2017	6.22	822	1094
	0.9	1932	6.10	804	1111

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

CPC036XXX3B***B*

BELT DRIVE - 3 TON

CPC036 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									1658	0.35	1489	0.28
0.4							1560	0.36	1339	0.28	1129	0.21
0.6			1682	0.47	1436	0.36	1196	0.27	949	0.19		
0.8	1581	0.50	1354	0.38	1096	0.28	828	0.18				
1.0	1266	0.39	994	0.28	756	0.19						
1.2	923	0.28										

CPC036 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									1742	0.50	1431	0.36
0.8							1626	0.52	1357	0.39	1078	0.27
1.0					1611	0.56	1315	0.42	1011	0.28		
1.2			1605	0.62	1299	0.46	976	0.31				
1.4	1605	0.68	1281	0.51	959	0.35						
1.6	1281	0.57	981	0.41								
1.8	981	0.47										

CPC036 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									1424	0.30	1239	0.23
0.4					1520	0.39	1292	0.29	1073	0.22	779	0.14
0.6			1439	0.40	1192	0.30	944	0.21	619	0.12		
0.8	1350	0.42	1101	0.31	864	0.22						
1.0	1028	0.31	729	0.21								
1.2	675	0.20										

CPC036 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							1692	0.54	1449	0.41	1173	0.29
0.8					1678	0.58	1397	0.44	1107	0.31	854	0.21
1.0			1681	0.65	1381	0.49	1078	0.34	794	0.22		
1.2	1681	0.71	1362	0.54	1062	0.39						
1.4	1362	0.60	1066	0.44								
1.6	1066	0.50	789	0.34								
1.8	789	0.40										

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

CPC048XXX3B***B*

BELT DRIVE - 4 TON

CPC048 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									1943	0.52	1714	0.40
0.4					2187	0.72	1876	0.55	1566	0.40	1270	0.26
0.6			2044	0.72	1761	0.56	1444	0.40	1136	0.26		
0.8	1947	0.74	1704	0.59	1335	0.40						
1.0	1598	0.60	1275	0.36								
1.2	1208	0.45										

CPC048 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									2056	0.72	1721	0.54
0.8							1996	0.77	1662	0.57	1328	0.40
1.0					1924	0.79	1603	0.61	1270	0.43		
1.2			1952	0.88	1559	0.64	1210	0.44				
1.4	1888	0.92	1543	0.70	1195	0.49						
1.6	1557	0.77	1180	0.54								
1.8	1192	0.60										

CPC048 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							2129	0.64	1795	0.47	1550	0.35
0.4					1994	0.65	1701	0.49	1433	0.36	1163	0.22
0.6			1905	0.67	1606	0.50	1326	0.36	1025	0.22		
0.8	1808	0.69	1565	0.54	1216	0.36						
1.0	1473	0.55	1137	0.32								
1.2	1103	0.41										

CPC048 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							2194	0.85	1886	0.66	1580	0.49
0.8					2113	0.86	1832	0.70	1526	0.52	1219	0.37
1.0			2182	0.98	1776	0.73	1472	0.55	1166	0.39		
1.2	2053	1.00	1780	0.80	1440	0.59	1111	0.40				
1.4	1759	0.86	1421	0.64	1104	0.46						
1.6	1442	0.72	1095	0.50								
1.8	1095	0.56										

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

CPC060XXX3B***B*

BELT DRIVE - 5 TON

CPC060 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									2420	0.79	2198	0.64
0.4					2605	1.02	2358	0.84	2133	0.67	1874	0.52
0.6			2526	1.06	2300	0.88	2026	0.70	1806	0.55		
0.8	2529	1.15	2252	0.93	1975	0.73	1670	0.54				
1.0	2233	0.99	1943	0.78	1628	0.57						
1.2	1907	0.83	1582	0.61								

CPC060 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											2323	0.92
0.8									2315	1.00	2009	0.77
1.0							2308	1.09	1992	0.84	1666	0.60
1.2					2338	1.21	1992	0.92	1646	0.66		
1.4			2359	1.32	2025	1.02	1648	0.72				
1.6	2404	1.45	2056	1.13	1684	0.82						
1.8	2088	1.24	1722	0.92								

CPC060 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					2579	1.01	2368	0.85	2175	0.69	1961	0.55
0.4			2513	1.05	2318	0.89	2089	0.73	1906	0.59	1666	0.44
0.6	2514	1.14	2276	0.94	2045	0.77	1797	0.60	1604	0.47		
0.8	2261	1.01	2017	0.82	1760	0.63						
1.0	1989	0.87	1730	0.68								
1.2	1695	0.72										

CPC060 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									2331	1.01	2072	0.80
0.8							2324	1.10	2059	0.87	1791	0.66
1.0					2350	1.21	2058	0.95	1774	0.72		
1.2			2367	1.33	2086	1.06	1776	0.79				
1.4	2404	1.45	2111	1.17	1805	0.89						
1.6	2136	1.28	1835	0.99								
1.8	1868	1.10										

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

CPC072XXX3B***B*

BELT DRIVE - 6 TON

CPG 072 STANDARD BELT DRIVE DOWNSHOT												
ESP (IN W.C.)	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
	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												
ESP (IN W.C.)	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
	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												
ESP (IN W.C.)	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
	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												
ESP (IN W.C.)	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
	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

CPC090XXX3B***B*

BELT DRIVE - 7.5 TON

CPC090 STANDARD BELT DRIVE DOWNSHOT																		
ESP, In H ₂ O	TURNS OPEN																	
	0 TURNS			1 TURN			2 TURNS			3 TURNS			4 TURNS			5 TURNS		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.1													3617	704	1.07	3293	653	0.84
0.3										3541	749	1.15	3179	704	0.88	2757	656	0.66
0.5							3447	798	1.23	3049	754	0.94	2606	710	0.71			
0.7				3400	848	1.33	2950	798	1.01	2474	754	0.75						
0.9	3303	890	1.41	2871	848	1.11	2408	804	0.82									
1.1	2838	897	1.23															

CPC090 STANDARD BELT DRIVE HORIZONTAL																		
ESP, In H ₂ O	TURNS OPEN																	
	0 TURNS			1 TURN			2 TURNS			3 TURNS			4 TURNS			5 TURNS		
	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP	CFM	RPM	BHP
0.1													3625	701	1.08	3309	660	0.86
0.3							3815	797	1.44	3468	747	1.11	3177	703	0.88	2796	663	0.68
0.5				3780	841	1.52	3405	803	1.23	3053	753	0.94	2608	709	0.68	2225	665	0.53
0.7	3687	885	1.6	3327	847	1.29	2968	805	1.02	2423	758	0.73						
0.9	3236	891	1.39	2850	852	1.1	2352	807	0.8									
1.1	2713	896	1.17															

NOTES:

Factory shipped at 2.5 turns open.

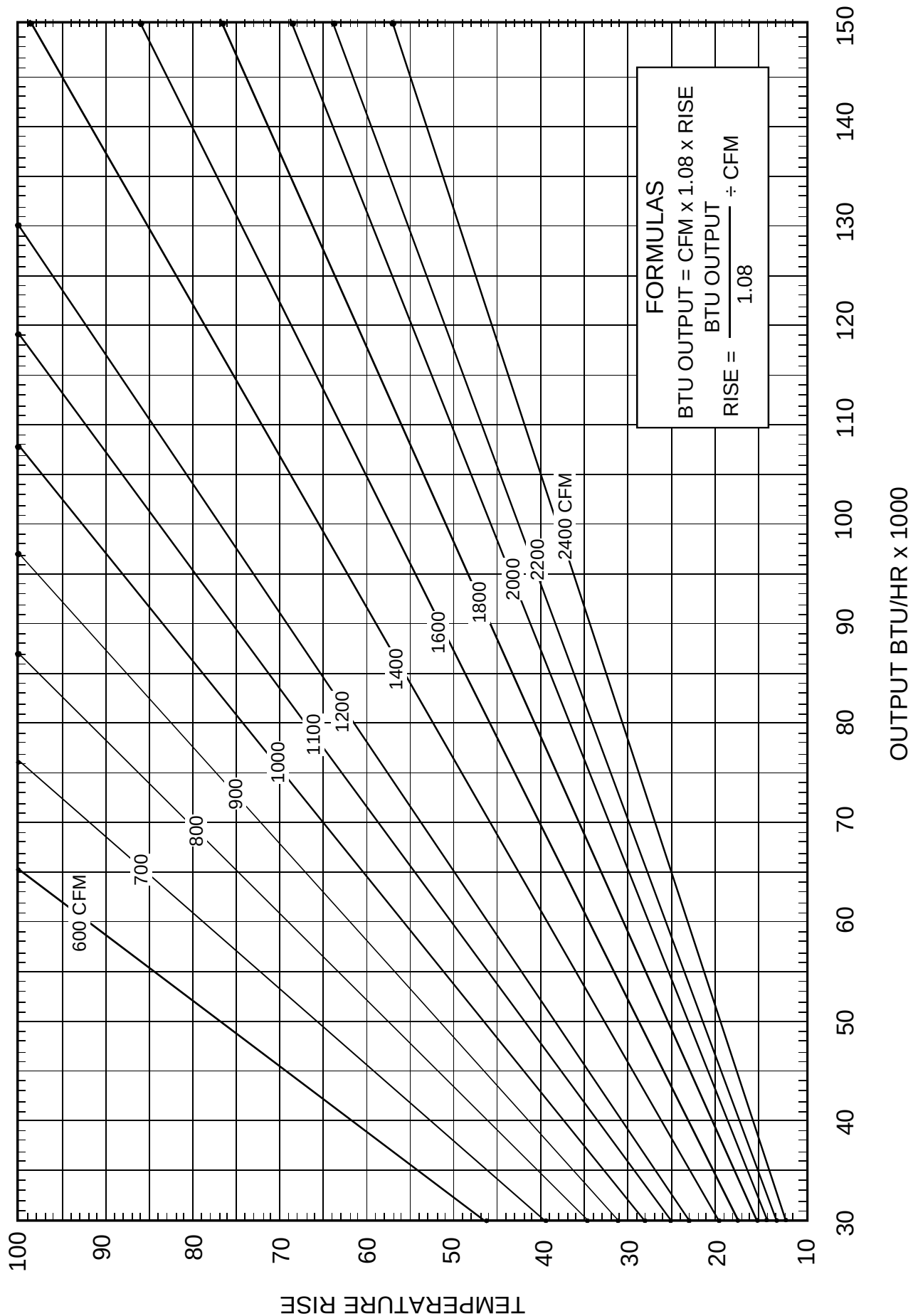
Tables represent dry coil without filter. To compensate for filter, add 0.08" to measured E.S.P.

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

BTU OUTPUT vs TEMPERATURE RISE CHART



COOLING PERFORMANCE DATA

CPC036XXX3****B*

MODEL: CPC036XXX**XXX EXPANDED PERFORMANCE DATA COOLING OPERATION

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

		Outdoor Ambient Temperature																								
		65				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					
IDB*	Airflow																									
70	1350	MBh	33.9	35.1	38.5	-	33.1	34.3	37.6	-	32.3	33.5	36.7	-	31.5	32.7	35.8	-	30.0	31.1	34.0	-	27.8	28.8	31.5	-
		S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-
		DELTA T	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
		KW	2.44	2.48	2.56	-	2.61	2.66	2.74	-	2.76	2.82	2.90	-	2.90	2.95	3.05	-	3.01	3.07	3.17	-	3.11	3.17	3.27	-
		AMPS	8.5	8.7	8.9	-	9.0	9.2	9.4	-	9.6	9.8	10.0	-	10.1	10.3	10.5	-	10.6	10.8	11.0	-	11.1	11.3	11.6	-
	HI PR	221	237	251	-	247	266	281	-	281	303	320	-	321	345	364	-	361	388	410	-	398	429	453	-	
	LO PR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	144	-	130	138	150	-	134	143	156	-	
	MBh	32.9	34.1	37.4	-	32.2	33.3	36.5	-	31.4	32.5	35.6	-	30.6	31.7	34.8	-	29.1	30.2	33.0	-	26.9	27.9	30.6	-	
	S/T	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-	
	DELTA T	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	11	-	16	14	11	-	
1200	KW	2.42	2.47	2.54	-	2.59	2.64	2.72	-	2.74	2.80	2.88	-	2.87	2.93	3.02	-	2.99	3.05	3.14	-	3.08	3.15	3.25	-	
	AMPS	8.5	8.6	8.8	-	8.9	9.1	9.3	-	9.5	9.7	9.9	-	10.0	10.2	10.4	-	10.5	10.7	11.0	-	11.0	11.2	11.5	-	
	HI PR	218	235	248	-	245	264	278	-	279	300	317	-	317	342	361	-	357	384	406	-	394	425	448	-	
	LO PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-	
	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	-	
1050	S/T	0.67	0.56	0.38	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.76	0.64	0.44	-	
	DELTA T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-	
	KW	2.37	2.41	2.48	-	2.53	2.58	2.66	-	2.68	2.73	2.81	-	2.81	2.86	2.95	-	2.92	2.98	3.07	-	3.01	3.07	3.17	-	
	AMPS	8.3	8.4	8.6	-	8.8	8.9	9.1	-	9.3	9.5	9.7	-	9.8	10.0	10.2	-	10.3	10.5	10.7	-	10.7	10.9	11.2	-	
	HI PR	212	228	241	-	238	256	270	-	270	291	307	-	308	331	350	-	346	373	394	-	383	412	435	-	
LO PR	103	109	120	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	129	137	149	-		

MODEL: CPC036XXX**XXX

EXPANDED PERFORMANCE DATA

COOLING OPERATION

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

IDB*			Airflow			Outdoor Ambient Temperature																																																																							
						65												75												85												95												105												115											
						Entering Indoor Wet Bulb Temperature																																																																							
80	1350	MBh	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																																											
		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	1.00	0.97	0.79	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	22	21	18	14	20	19	17	13	20	19	17	13	20	19	17	13																																											
		KW	2.47	2.52	2.60	2.67	2.65	2.70	2.78	2.87	2.80	2.86	2.95	3.04	2.94	3.00	3.09	3.19	3.06	3.12	3.22	3.32	3.16	3.22	3.32	3.43	3.16	3.22	3.32	3.43	3.16	3.22	3.32	3.43																																											
		AMPS	8.6	8.8	9.0	9.2	9.1	9.3	9.5	9.8	9.7	9.9	10.1	10.4	10.2	10.4	10.7	11.0	10.7	10.9	11.2	11.6	11.2	11.4	11.7	12.1	11.2	11.4	11.7	12.1	11.2	11.4	11.7	12.1																																											
	1200	HI PR	225	242	256	267	253	272	287	299	287	309	326	340	327	352	372	388	368	396	418	436	407	438	462	482	407	438	462	482	407	438	462	482																																											
		LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169	137	145	159	169	137	145	159	169																																											
		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	27.9	28.5	30.4	32.5	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	0.99	0.93	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	21	20	18	14	21	20	18	14																																											
1050	KW	2.46	2.50	2.58	2.65	2.63	2.68	2.76	2.85	2.78	2.84	2.93	3.02	2.92	2.98	3.07	3.17	3.03	3.10	3.19	3.29	3.13	3.20	3.30	3.40	3.13	3.20	3.30	3.40	3.13	3.20	3.30	3.40																																												
	AMPS	8.6	8.7	8.9	9.2	9.1	9.2	9.5	9.7	9.6	9.8	10.1	10.4	10.1	10.3	10.6	10.9	10.6	10.8	11.1	11.5	11.1	11.4	11.7	12.0	11.1	11.4	11.7	12.0	11.1	11.4	11.7	12.0																																												
	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	403	433	457	477	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	135	144	157	167	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	25.7	26.3	28.1	30.0	25.7	26.3	28.1	30.0																																												
85	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	0.95	0.89	0.73	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	21	21	18	14	21	21	18	14																																												
	KW	2.40	2.45	2.52	2.59	2.57	2.62	2.70	2.78	2.72	2.77	2.86	2.95	2.85	2.91	3.00	3.09	2.96	3.02	3.12	3.22	3.06	3.12	3.22	3.32	3.06	3.12	3.22	3.32	3.06	3.12	3.22	3.32																																												
	AMPS	8.4	8.5	8.7	9.0	8.9	9.0	9.3	9.5	9.4	9.6	9.9	10.1	9.9	10.1	10.4	10.7	10.4	10.6	10.9	11.2	10.9	11.1	11.4	11.7	10.9	11.1	11.4	11.7	10.9	11.1	11.4	11.7																																												
	HI PR	216	233	246	256	243	261	276	287	276	297	313	327	314	338	357	372	353	380	402	419	390	420	444	463	390	420	444	463	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	131	140	152	162	131	140	152	162																																													

CPC048XXX3**B***

COOLING OPERATION

MODEL: CPC048XXXXXX**

Design Subcooling, $10 \pm 3^\circ\text{F}$ @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat $9 \pm 3^\circ\text{F}$ @ the compressor suction access fitting connection.

IDB*		Airflow		Outdoor Ambient Temperature																																							
				75										95										105										115									
				Entering Indoor Wet Bulb Temperature										85																													
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	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	-																		
	KW	3.13	3.19	3.29	-	3.36	3.43	3.53	-	3.56	3.63	3.75	-	3.74	3.82	3.94	-	3.89	3.97	4.10	-	4.02	4.10	4.23	-																		
	AMPS	10.2	10.4	10.6	-	10.8	11.0	11.3	-	11.5	11.7	12.0	-	12.1	12.3	12.6	-	12.7	12.9	13.3	-	13.3	13.5	13.9	-																		
1600	HIPR	239	257	271	-	268	288	304	-	305	328	346	-	347	373	394	-	390	420	444	-	431	464	490	-																		
	LOPR	110	117	128	-	116	124	135	-	121	129	141	-	127	135	148	-	133	142	155	-	138	147	160	-																		
	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	-																		
1400	KW	3.11	3.17	3.27	-	3.33	3.40	3.51	-	3.53	3.61	3.72	-	3.71	3.79	3.90	-	3.86	3.94	4.06	-	3.99	4.07	4.20	-																		
	AMPS	10.1	10.3	10.6	-	10.7	10.9	11.2	-	11.4	11.6	11.9	-	12.0	12.2	12.5	-	12.6	12.8	13.2	-	13.2	13.4	13.8	-																		
	HIPR	236	254	269	-	265	285	301	-	302	325	343	-	344	370	390	-	366	416	439	-	427	460	485	-																		
	LOPR	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	-																		
	KW	3.04	3.10	3.19	-	3.26	3.32	3.42	-	3.45	3.52	3.63	-	3.62	3.70	3.81	-	3.76	3.84	3.97	-	3.89	3.97	4.10	-																		
	AMPS	9.9	10.1	10.3	-	10.5	10.7	11.0	-	11.2	11.4	11.7	-	11.7	12.0	12.3	-	12.3	12.6	12.9	-	12.9	13.1	13.5	-																		
	HIPR	229	247	261	-	257	277	292	-	293	315	332	-	333	359	379	-	375	403	426	-	414	446	471	-																		
	LOPR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	132	141	154	-																		

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
	KW	3.16	3.22	3.32	3.42	3.39	3.46	3.56	3.67	3.59	3.66	3.78	3.90	3.77	3.85	3.97	4.09	3.92	4.00	4.13	4.26	4.05	4.14	4.27	4.41
	AMPS	10.3	10.4	10.7	11.0	10.9	11.1	11.3	11.7	11.6	11.8	12.1	12.4	12.2	12.4	12.7	13.1	12.8	13.0	13.4	13.8	13.4	13.6	14.0	14.4
	HIPR	241	260	274	286	271	291	307	321	308	331	350	365	351	377	398	415	394	424	448	467	436	469	495	516
	LOPR	111	118	129	138	118	125	137	146	122	130	142	151	128	137	149	159	135	143	156	167	139	148	162	172
	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
1600	KW	3.13	3.20	3.29	3.39	3.36	3.43	3.53	3.64	3.56	3.63	3.75	3.87	3.74	3.82	3.94	4.06	3.89	3.97	4.10	4.23	4.02	4.10	4.24	4.37
	AMPS	10.2	10.4	10.6	10.9	10.8	11.0	11.3	11.6	11.5	11.7	12.0	12.3	12.1	12.3	12.6	13.0	12.7	12.9	13.3	13.7	13.3	13.5	13.9	14.3
	HIPR	239	257	271	283	268	288	304	318	305	328	346	361	347	373	394	411	390	420	444	463	431	464	490	511
	LOPR	110	117	128	136	116	124	135	144	121	129	141	150	127	135	148	157	133	142	155	165	138	147	160	171
	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
1400	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
	KW	3.06	3.12	3.22	3.31	3.28	3.35	3.45	3.56	3.48	3.55	3.66	3.77	3.65	3.73	3.84	3.96	3.80	3.88	4.00	4.13	3.92	4.00	4.13	4.27
	AMPS	10.0	10.2	10.4	10.7	10.6	10.8	11.0	11.3	11.3	11.5	11.7	12.1	11.8	12.1	12.4	12.7	12.4	12.6	13.0	13.4	13.0	13.2	13.6	14.0
	HIPR	232	249	263	275	260	280	295	308	296	318	336	350	337	362	383	399	379	408	430	449	418	450	475	496
LOPR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	143	153	129	138	150	160	134	142	155	165	

Shaded area is ACCA (TVA) conditions

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

Design Subcooling, 10 ± 3 °F @ the liquid access fitting connection AHR1 95 test conditions. Design Superheat 9 ± 3°F @ the compressor suction access fitting connection.

		65										75				85				95				105				115																																	
		Outdoor Ambient 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	1800	MBh	46.1	47.2	50.4	53.9	45.1	46.1	49.2	52.6	44.0	45.0	48.0	51.4	42.9	43.9	46.9	50.1	40.8	41.7	44.5	47.6	37.8	38.6	41.2	44.1	37.8	38.6	41.2	44.1	37.8	38.6	41.2	44.1																											
		S/T	0.92	0.86	0.70	0.53	0.95	0.90	0.73	0.54	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.60	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.60																											
		DELTA T	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	21	21	18	15	21	19	20	17	14	21	20	17	14	21	20	17	14																										
		KW	3.18	3.24	3.34	3.44	3.41	3.48	3.59	3.70	3.62	3.69	3.81	3.93	3.80	3.88	4.00	4.13	3.95	4.04	4.16	4.30	4.08	4.17	4.31	4.45	4.08	4.17	4.31	4.45	4.08	4.17	4.31	4.45																											
		AMPS	10.3	10.5	10.8	11.1	10.9	11.1	11.4	11.7	11.7	11.9	12.2	12.5	12.3	12.5	12.8	13.2	12.9	13.1	13.5	13.9	13.5	13.7	14.1	14.5	13.5	13.7	14.1	14.5	13.5	13.7	14.1	14.5																											
	1600	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	440	474	500	522	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	141	150	163	174	141	150	163	174																											
		MBh	44.8	45.8	48.9	52.3	43.8	44.7	47.8	51.1	42.7	43.7	46.6	49.9	41.7	42.6	45.5	48.6	39.6	40.5	43.2	46.2	36.7	37.5	40.0	42.8	36.7	37.5	40.0	42.8	36.7	37.5	40.0	42.8																											
		S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.70	0.52	0.93	0.88	0.71	0.53	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.95	0.77	0.58	1.00	0.95	0.77	0.58	1.00	0.95	0.77	0.58																											
		DELTA T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14	21	20	18	14	21	20	18	14																											
1400	1800	KW	3.16	3.22	3.32	3.42	3.39	3.46	3.56	3.67	3.59	3.66	3.78	3.90	3.77	3.85	3.97	4.10	3.92	4.00	4.13	4.26	4.05	4.14	4.27	4.41	4.05	4.14	4.27	4.41	4.05	4.14	4.27	4.41																											
		AMPS	10.3	10.4	10.7	11.0	10.9	11.1	11.3	11.7	11.6	11.8	12.1	12.4	12.2	12.4	12.7	13.1	12.8	13.0	13.4	13.8	13.4	13.6	14.0	14.4	13.4	13.6	14.0	14.4	13.4	13.6	14.0	14.4																											
		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	436	469	495	516	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	139	148	162	172	139	148	162	172																											
		1600	MBh	41.4	42.3	45.1	48.3	40.4	41.3	44.1	47.1	39.4	40.3	43.0	46.0	38.5	39.3	42.0	44.9	36.5	37.3	39.9	42.6	33.9	34.6	37.0	39.5	33.9	34.6	37.0	39.5	33.9	34.6	37.0	39.5																										
	S/T		0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.97	0.91	0.74	0.55	0.97	0.91	0.74	0.55	0.97	0.91	0.74	0.55																											
	DELTA T		23	22	19	15	23	22	19	16	23	22	19	16	23	22	20	16	23	22	19	15	22	21	18	14	23	22	19	15	22	21	18	14																											
	KW		3.09	3.15	3.24	3.34	3.31	3.38	3.48	3.59	3.50	3.58	3.69	3.80	3.68	3.76	3.87	4.00	3.83	3.91	4.03	4.16	3.95	4.04	4.17	4.30	3.95	4.04	4.17	4.30	3.95	4.04	4.17	4.30																											
	AMPS		10.1	10.2	10.5	10.8	10.7	10.8	11.1	11.4	11.3	11.5	11.8	12.2	11.9	12.1	12.4	12.8	12.5	12.7	13.1	13.5	13.1	13.3	13.7	14.1	13.1	13.3	13.7	14.1	13.1	13.3	13.7	14.1																											
	1400	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	423	455	480	501	423	455	480	501																											
LO PR		108	115	125	134	114	121	133	141	119	126	138	147	119	125	133	145	131	139	152	162	135	144	157	167	135	144	157	167	135	144	157	167																												

NOTE: Shaded area reflects ARI 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
	S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.89	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.78
	DELTA T	23	23	22	19	23	23	22	19	23	23	22	19	22	23	22	19	21	22	22	19	20	20	20	18
	KW	3.20	3.27	3.37	3.47	3.44	3.51	3.62	3.73	3.65	3.72	3.84	3.96	3.83	3.91	4.03	4.16	3.98	4.07	4.20	4.33	4.12	4.21	4.34	4.48
	AMPS	10.4	10.6	10.8	11.1	11.0	11.2	11.5	11.8	11.7	11.9	12.3	12.6	12.3	12.6	12.9	13.3	13.0	13.2	13.6	14.0	13.6	13.8	14.2	14.6
1600	HI PR	246	265	280	292	276	297	314	327	314	338	357	372	358	385	406	424	402	433	457	477	444	478	505	527
	LO PR	114	121	132	141	120	128	139	148	125	133	145	154	131	139	152	162	137	146	160	170	142	151	165	176
	MBh	45.6	46.5	48.7	51.9	44.5	45.4	47.5	50.7	43.5	44.3	46.4	49.5	42.4	43.2	45.3	48.3	40.3	41.1	43.0	45.9	37.3	38.0	39.8	42.5
	S/T	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.75
	DELTA T	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	23	24	23	20	21	22	21	18
1400	KW	3.18	3.24	3.34	3.44	3.41	3.48	3.59	3.70	3.62	3.69	3.81	3.93	3.80	3.88	4.00	4.13	3.95	4.04	4.16	4.30	4.08	4.17	4.31	4.45
	AMPS	10.3	10.5	10.8	11.1	10.9	11.1	11.4	11.7	11.7	11.9	12.2	12.5	12.3	12.5	12.8	13.2	12.9	13.1	13.5	13.9	13.5	13.7	14.1	14.5
	HI PR	244	262	277	289	273	294	311	324	311	335	353	368	354	381	402	420	398	429	453	472	440	474	500	522
	LO PR	112	120	131	139	119	126	138	147	124	131	143	153	130	138	151	160	136	145	158	168	141	150	163	174
	MBh	42.1	42.9	44.9	47.9	41.1	41.9	43.9	46.8	40.1	40.9	42.8	45.7	39.1	39.9	41.8	44.6	37.2	37.9	39.7	42.4	34.4	35.1	36.8	39.2
85	S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	0.98	0.89	0.72
	DELTA T	25	24	23	20	25	24	23	20	25	24	23	20	25	25	23	20	24	24	23	20	23	23	21	19
	KW	3.11	3.17	3.26	3.36	3.33	3.40	3.50	3.61	3.53	3.61	3.72	3.83	3.71	3.78	3.90	4.03	3.86	3.94	4.06	4.19	3.98	4.07	4.20	4.34
	AMPS	10.1	10.3	10.6	10.8	10.7	10.9	11.2	11.5	11.4	11.6	11.9	12.3	12.0	12.2	12.5	12.9	12.6	12.8	13.2	13.6	13.2	13.4	13.8	14.2
	HI PR	236	254	269	280	265	285	301	314	302	324	343	357	343	370	390	407	386	416	439	458	427	459	485	506
85	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

COOLING PERFORMANCE DATA

CPC060XXX3****B*

MODEL: CPC0060XXX**XXX

EXPANDED PERFORMANCE DATA

COOLING OPERATION

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

IDB* Airflow		Outdoor Ambient Temperature																																															
		65								75								85								95								105								115							
		Entering Indoor Wet Bulb Temperature																																															
70	2250	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	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	-																							
		KW	3.97	4.06	4.18	-	4.27	4.36	4.50	-	4.54	4.64	4.78	-	4.77	4.88	5.03	-	4.97	5.08	5.25	-	5.14	5.25	5.43	-																							
	2000	AMPS	12.4	12.7	13.0	-	13.3	13.5	13.9	-	14.2	14.5	14.9	-	15.0	15.3	15.7	-	15.8	16.1	16.6	-	16.6	17.0	17.5	-																							
		HIPR	244	262	277	-	273	294	311	-	311	335	353	-	354	381	402	-	398	429	453	-	440	474	500	-																							
		LOPR	107	114	124	-	113	120	131	-	118	125	137	-	124	131	144	-	130	138	150	-	134	143	156	-																							
		MBh	56.6	58.7	64.3	-	55.3	57.3	62.8	-	54.0	55.9	61.3	-	52.7	54.6	59.8	-	50.0	51.8	56.8	-	46.3	48.0	52.6	-																							
		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	-																							
1750	DELTA T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-																								
	KW	3.94	4.02	4.15	-	4.24	4.33	4.47	-	4.50	4.60	4.75	-	4.73	4.84	4.99	-	4.93	5.04	5.20	-	5.10	5.21	5.38	-																								
	AMPS	12.4	12.6	12.9	-	13.2	13.4	13.8	-	14.1	14.4	14.8	-	14.9	15.2	15.6	-	15.7	16.0	16.5	-	16.5	16.8	17.3	-																								
	HIPR	241	260	274	-	271	291	308	-	308	331	350	-	351	377	398	-	394	424	448	-	436	469	495	-																								
	LOPR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	133	141	154	-																								

	2250												2000												1750																																																																																																																							
	MBh				S/T				DELTA T				KW				AMPS				HIPR				LOPR				MBh				S/T				DELTA T				KW				AMPS				HIPR				LOPR																																																																																											
	20		18		15		10		20		19		15		11		4.01		4.09		4.22		4.35		4.31		4.40		4.54		4.68		12.5		12.8		13.1		13.5		13.4		13.6		14.0		14.4		246		265		280		292		276		297		314		327		314		338		357		372		358		385		406		424		402		433		457		477		445		478		505		527		108		115		126		134		114		122		133		141		119		126		138		147		125		133		145		154		131		139		152		162		135		144		157		167	
	59.3		61.0		66.1		70.9		57.9		59.6		64.5		69.3		56.5		58.2		63.0		67.6		55.2		56.8		61.5		66.0		52.4		53.9		58.4		62.7		48.5		50.0		54.1		58.1		57.6		59.3		64.2		68.9		56.2		57.9		62.7		67.3		54.9		56.5		61.2		65.7		53.6		55.1		59.7		64.1		50.9		52.4		56.7		60.8		47.1		48.5		52.5		56.4																																																	
0.83		0.74		0.56		0.36		0.86		0.77		0.58		0.37		0.88		0.79		0.60		0.38		0.91		0.81		0.61		0.40		0.94		0.84		0.64		0.41		0.95		0.85		0.64		0.41		0.79		0.71		0.53		0.34		0.84		0.75		0.57		0.37		0.87		0.77		0.59		0.38		0.90		0.80		0.61		0.39		0.91		0.81		0.61		0.39																																																										
20		18		15		10		20		19		15		11		21		19		16		11		21		20		16		11		21		19		16		11		20		18		15		10		21		19		16		11		20		18		15		10																																																																																		
3.97		4.06		4.18		4.31		4.27		4.36		4.50		4.65		4.54		4.64		4.78		4.94		4.77		4.88		5.03		5.20		4.97		5.08		5.25		5.42		5.14		5.26		5.43		5.61		12.4		12.7		13.0		13.4		13.3		13.5		13.9		14.3		14.2		14.5		14.9		15.4		15.0		15.3		15.7		16.3		15.8		16.1		16.6		17.2		16.6		17.0		17.5		18.0																																																		
244		262		277		289		273		294		311		324		311		335		353		369		354		381		402		420		398		429		453		472		440		474		500		522		107		114		124		133		113		120		131		140		118		125		137		146		124		131		144		153		130		138		150		160		134		143		156		166																																																		
53.1		54.7		59.2		63.6		51.9		53.4		57.8		62.1		50.7		52.2		56.5		60.6		49.4		50.9		55.1		59.1		47.0		48.3		52.3		56.2		43.5		44.8		48.5		52.0		0.76		0.68		0.52		0.33		0.79		0.71		0.53		0.34		0.81		0.72		0.55		0.35		0.83		0.75		0.57		0.36		0.87		0.77		0.59		0.38		0.87		0.78		0.59		0.38																																																		
21		20		16		11		22		20		16		11		22		20		16		11		22		20		16		11		21		20		16		11		20		18		15		10		21		20		16		11		20		18		15		10																																																																																		
3.88		3.96		4.08		4.21		4.17		4.26		4.39		4.53		4.43		4.52		4.67		4.82		4.66		4.76		4.91		5.07		4.85		4.95		5.11		5.28		5.01		5.12		5.29		5.47		12.2		12.4		12.7		13.1		13.0		13.2		13.6		14.0		13.9		14.1		14.5		15.0		14.7		15.0		15.4		15.9		15.4		15.8		16.2		16.7		16.2		16.6		17.0		17.6																																																		
236		254		269		280		265		285		301		314		302		325		343		357		344		370		390		407		386		416		439		458		427		460		485		236		254		269		280		265		285		301		314		302		325		343		357		344		370		390		407		386		416		439		458		427		460		485		506																																																				
104		111		121		129		110		117		128		136		114		121		133		141		120		128		139		148		126		134		146		155		130		138		151		161		104		111		121		129		110		117		128		136		114		121		133		141		120		128		139		148		126		134		146		155		130		138		151		161																																																		

EXPANDED PERFORMANCE DATA

COOLING OPERATION

Design Subcooling, $11 \pm 3^\circ\text{F}$ @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat $8 \pm 3^\circ\text{F}$ @ the compressor suction access fitting connection.

IDB#			Airflow			Outdoor Ambient Temperature																								Indoor Ambient Temperature																																															
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85	2250	MBh	61.4	62.6	65.6	69.9	60.0	61.1	64.0	68.3	58.5	59.7	62.5	66.7	57.1	58.2	61.0	65.1	54.3	55.3	57.9	61.8	50.3	51.2	53.7	57.2
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77
		DELTA T	24	23	22	19	24	24	22	19	24	24	22	19	23	24	23	20	22	22	23	22	19	21	21	18
		KW	4.07	4.15	4.28	4.42	4.38	4.47	4.61	4.76	4.65	4.75	4.90	5.06	4.89	5.00	5.16	5.33	5.10	5.21	5.38	5.56	5.27	5.39	5.57	5.75
		AMPS	12.7	13.0	13.3	13.7	13.6	13.8	14.2	14.6	14.5	14.8	15.2	15.7	15.4	15.7	16.1	16.6	16.2	16.5	17.0	17.6	17.0	17.4	17.9	18.5
		HI PR	251	270	285	298	282	303	320	334	320	345	364	380	365	393	415	433	411	442	467	487	454	488	515	538
	LO PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	158	133	142	155	165	138	147	160	171	
	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
		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
		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
		KW	4.04	4.12	4.25	4.38	4.34	4.43	4.58	4.72	4.61	4.71	4.86	5.02	4.85	4.96	5.12	5.29	5.05	5.16	5.33	5.51	5.23	5.34	5.52	5.71
		AMPS	12.6	12.9	13.2	13.6	13.5	13.7	14.1	14.5	14.4	14.7	15.1	15.6	15.2	15.6	16.0	16.5	16.1	16.4	16.9	17.4	16.9	17.2	17.7	18.3
HI PR		249	267	282	295	279	300	317	331	317	341	360	376	361	389	411	428	406	437	462	482	449	483	510	532	
1750	LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169	
	MBh	55.0	56.1	58.7	62.7	53.7	54.8	57.4	61.2	52.5	53.5	56.0	59.8	51.2	52.2	54.6	58.3	48.6	49.6	51.9	55.4	45.0	45.9	48.1	51.3	
	S/T	0.87	0.84	0.76	0.62	0.91	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.97	0.87	0.71	
	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	
	KW	3.94	4.02	4.15	4.28	4.24	4.33	4.46	4.61	4.50	4.60	4.74	4.90	4.73	4.83	4.99	5.16	4.93	5.04	5.20	5.37	5.10	5.21	5.38	5.56	
	AMPS	12.3	12.6	12.9	13.3	13.2	13.4	13.8	14.2	14.1	14.4	14.8	15.2	14.9	15.2	15.6	16.1	15.7	16.0	16.5	17.0	16.5	16.8	17.3	17.9	
HI PR	241	259	274	286	271	291	307	321	308	331	350	365	350	377	398	415	394	424	448	467	436	469	495	516		
LO PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164		

* Entering Indoor Dry Bulb Temperature

Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is AHJ
High and low pressures are measured at the liquid and suction service access fittings.

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is AHRI Rating Conditions

CPC072XX3B*B***

COOLING OPERATION

Design Subcooling, 11 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 18°F @ the compressor suction access fitting connection.

IDB*		Airflow		Outdoor Ambient Temperature																																			
				65						75						85						95						105						115					
				59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
70	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	-													
		KW	5.08	5.18	5.33	-	5.44	5.54	5.71	-	5.75	5.86	6.04	-	6.02	6.15	6.33	-	6.26	6.39	6.58	-	6.46	6.59	6.80	-													
		AMPS	16.4	16.7	17.1	-	17.4	17.7	18.1	-	18.5	18.8	19.3	-	19.4	19.8	20.3	-	20.4	20.8	21.3	-	21.3	21.7	22.3	-													
		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	-													
		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	-													
2150	KW	5.06	5.16	5.30	-	5.41	5.52	5.68	-	5.72	5.83	6.01	-	5.99	6.11	6.30	-	6.22	6.35	6.54	-	6.42	6.56	6.76	-														
	AMPS	16.3	16.6	17.0	-	17.3	17.6	18.0	-	18.4	18.7	19.2	-	19.3	19.7	20.2	-	20.3	20.7	21.2	-	21.2	21.6	22.2	-														
	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	-														
	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	-														
	KW	4.95	5.04	5.19	-	5.29	5.39	5.55	-	5.59	5.70	5.87	-	5.85	5.97	6.15	-	6.08	6.20	6.39	-	6.27	6.40	6.60	-														
	AMPS	16.0	16.3	16.7	-	17.0	17.2	17.7	-	18.0	18.3	18.8	-	18.9	19.3	19.8	-	19.9	20.2	20.8	-	20.8	21.2	21.7	-														
	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	-															

2400	MBh	69.7	71.8	77.7	83.4	88.1	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
	KW	5.12	5.22	5.37	5.53	5.48	5.59	5.75	5.92	5.79	5.91	6.08	6.27	6.07	6.19	6.38	6.58	6.31	6.44	6.63	6.84	6.51	6.64	6.85	7.07
	AMPS	16.5	16.8	17.2	17.7	17.5	17.8	18.2	18.8	18.6	19.0	19.4	20.0	19.6	19.9	20.5	21.1	20.5	20.9	21.5	22.1	21.5	21.9	22.5	23.2
	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
	KW	5.10	5.19	5.34	5.50	5.45	5.56	5.72	5.89	5.76	5.88	6.05	6.24	6.04	6.16	6.35	6.54	6.27	6.40	6.60	6.80	6.47	6.61	6.81	7.03
	AMPS	16.5	16.7	17.1	17.6	17.4	17.7	18.2	18.7	18.5	18.9	19.3	19.9	19.5	19.8	20.4	20.9	20.4	20.8	21.4	22.0	21.4	21.8	22.4	23.1
	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
	KW	4.99	5.08	5.22	5.38	5.33	5.43	5.59	5.76	5.63	5.74	5.91	6.09	5.90	6.02	6.20	6.39	6.13	6.25	6.44	6.64	6.32	6.45	6.65	6.86
	AMPS	16.1	16.4	16.8	17.2	17.1	17.4	17.8	18.3	18.1	18.5	18.9	19.5	19.1	19.4	19.9	20.5	20.0	20.4	20.9	21.5	20.9	21.3	21.9	22.5
	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: CPC072XXX**XXX

EXPANDED PERFORMANCE DATA

COOLING OPERATION

Design Subcooling, 11 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 18°F @ the compressor suction access fitting connection.

IDB* Airflow			Outdoor Ambient Temperature										105										115										
			65					75					85					95					105					115					
			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								
	KW	5.16	5.26	5.41	5.57	5.52	5.63	5.79	5.97	5.84	5.95	6.13	6.32	6.12	6.24	6.43	6.63	6.36	6.49	6.69	6.90	6.56	6.70	6.90	7.12								
	AMPS	16.6	16.9	17.3	17.8	17.6	17.9	18.4	18.9	18.7	19.1	19.6	20.1	19.7	20.1	20.6	21.2	20.6	21.1	21.6	22.3	21.6	22.1	22.7	23.4								
	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								
2150	LOPR	109	116	127	135	115	123	134	142	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169								
	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								
	KW	5.13	5.23	5.38	5.54	5.49	5.60	5.76	5.94	5.81	5.92	6.10	6.29	6.08	6.21	6.40	6.59	6.32	6.45	6.65	6.86	6.53	6.66	6.87	7.08								
	AMPS	16.6	16.9	17.3	17.7	17.5	17.8	18.3	18.8	18.7	19.0	19.5	20.0	19.6	20.0	20.5	21.1	20.6	21.0	21.5	22.2	21.5	22.0	22.5	23.2								
1875	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								
	LOPR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167								
	MBh	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								
	KW	5.02	5.12	5.26	5.42	5.37	5.47	5.63	5.80	5.67	5.79	5.96	6.14	5.95	6.07	6.25	6.44	6.17	6.30	6.49	6.69	6.37	6.50	6.70	6.91								
1875	AMPS	16.2	16.5	16.9	17.4	17.2	17.5	17.9	18.4	18.3	18.6	19.1	19.6	19.2	19.6	20.1	20.6	20.1	20.5	21.1	21.7	21.1	21.5	22.0	22.7								
	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								
	LOPR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	152	162								

NOTE: Shaded area reflects ARI rating conditions

85	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
		KW	5.20	5.30	5.45	5.61	5.56	5.67	5.84	6.01	5.88	6.00	6.18	6.37	6.16	6.29	6.48	6.68	6.40	6.54	6.74	6.95	6.61	6.75	6.96	7.18
		AMPS	16.7	17.0	17.4	17.9	17.7	18.0	18.5	19.0	18.9	19.2	19.7	20.3	19.9	20.2	20.8	21.4	20.8	21.2	21.8	22.5	21.8	22.2	22.8	23.5
		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
	LOPR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	147	157	133	142	155	165	138	146	160	170	
	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	26	26	24	21	24	24	23	20
		KW	5.17	5.27	5.42	5.58	5.53	5.64	5.81	5.98	5.85	5.97	6.15	6.33	6.13	6.26	6.45	6.65	6.37	6.50	6.70	6.91	6.58	6.71	6.92	7.14
		AMPS	16.7	17.0	17.4	17.8	17.6	18.0	18.4	18.9	18.8	19.1	19.6	20.2	19.8	20.1	20.6	21.3	20.7	21.1	21.7	22.3	21.7	22.1	22.7	23.4
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	
LOPR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169		
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	
	KW	5.06	5.15	5.30	5.46	5.41	5.51	5.67	5.84	5.72	5.83	6.00	6.19	5.99	6.11	6.30	6.49	6.22	6.35	6.54	6.75	6.42	6.55	6.76	6.97	
	AMPS	16.3	16.6	17.0	17.5	17.3	17.6	18.0	18.5	18.4	18.7	19.2	19.7	19.3	19.7	20.2	20.8	20.3	20.7	21.2	21.8	21.2	21.6	22.2	22.9	
	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	
LOPR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164		

CPC090XX3B*B***

COOLING OPERATION

Design Superheat 7 ± 2 °F, Design Subcooling 12 ± 2 °F pressures measured @ the liquid and suction service access fittings, AHRI 95 test conditions

IDB* Airflow		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
		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	-												
	S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-												
	Delta T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-												
	KW	6.27	6.39	6.56	-	6.69	6.82	7.02	-	7.07	7.21	7.42	-	7.40	7.55	7.77	-	7.68	7.83	8.07	-	7.92	8.08	8.33	-												
	AMPS	21.1	21.4	21.9	-	22.2	22.6	23.1	-	23.6	24.0	24.5	-	24.7	25.1	25.7	-	25.8	26.3	26.9	-	26.9	27.4	28.1	-												
	HI PR	234	252	266	-	262	282	298	-	298	321	339	-	340	366	386	-	382	411	434	-	422	454	480	-												
	LO PR	103	110	120	-	109	116	127	-	114	121	132	-	119	127	139	-	125	133	145	-	129	138	150	-												
3000	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	-												
	S/T	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-												
	Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-												
	KW	6.23	6.34	6.52	-	6.65	6.77	6.97	-	7.02	7.15	7.36	-	7.34	7.49	7.71	-	7.62	7.78	8.01	-	7.86	8.02	8.26	-												
	AMPS	21.0	21.3	21.8	-	22.1	22.5	23.0	-	23.4	23.8	24.4	-	24.5	25.0	25.6	-	25.7	26.1	26.7	-	26.8	27.2	27.9	-												
	HI PR	231	249	263	-	260	279	295	-	295	318	336	-	336	362	382	-	378	407	430	-	418	450	475	-												
	LO PR	102	109	119	-	108	115	126	-	112	120	131	-	118	126	137	-	124	132	144	-	128	136	149	-												
2400	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	-												
	S/T	0.67	0.56	0.38	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.76	0.64	0.44	-												
	Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-												
	KW	6.10	6.21	6.38	-	6.50	6.63	6.81	-	6.86	7.00	7.20	-	7.18	7.32	7.54	-	7.45	7.60	7.82	-	7.68	7.84	8.07	-												
	AMPS	20.6	20.9	21.4	-	21.7	22.1	22.5	-	23.0	23.3	23.9	-	24.0	24.5	25.0	-	25.1	25.6	26.2	-	26.2	26.7	27.3	-												
	HI PR	224	242	255	-	252	271	286	-	286	308	326	-	326	351	371	-	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	-												

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
	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	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10
	KW	6.31	6.43	6.61	6.80	6.74	6.87	7.07	7.28	7.12	7.26	7.47	7.70	7.46	7.60	7.83	8.07	7.74	7.90	8.13	8.38	7.98	8.15	8.39	8.65
	AMPS	21.2	21.6	22.1	22.6	22.4	22.8	23.3	23.9	23.7	24.1	24.7	25.3	24.9	25.3	25.9	26.6	26.0	26.5	27.1	27.9	27.1	27.6	28.3	29.1
	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	104	111	121	129	110	117	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162
	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
	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	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
	KW	6.27	6.39	6.57	6.75	6.69	6.82	7.02	7.22	7.07	7.21	7.42	7.64	7.40	7.55	7.77	8.01	7.68	7.84	8.07	8.32	7.92	8.08	8.33	8.59
	3000	AMPS	21.1	21.4	21.9	22.5	22.2	22.6	23.1	23.7	23.6	24.0	24.5	25.2	24.7	25.1	25.7	26.4	25.8	26.3	26.9	27.7	26.9	27.4	28.1
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
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
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
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
2400	Delta T	23	21	17	12	23	21	17	12	23	21	17	12	23	21	18	12	23	21	17	12	21	20	16	11
	KW	6.14	6.25	6.42	6.61	6.55	6.68	6.86	7.06	6.91	7.05	7.25	7.47	7.23	7.38	7.59	7.82	7.51	7.66	7.89	8.12	7.74	7.90	8.14	8.39
	AMPS	20.7	21.1	21.5	22.1	21.8	22.2	22.7	23.3	23.1	23.5	24.0	24.7	24.2	24.6	25.2	25.9	25.3	25.8	26.4	27.1	26.4	26.9	27.5	28.3
	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
	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

Shaded area is ACCA (TVA) conditions

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

EXPANDED PERFORMANCE DATA

MODEL: CPC090XXXXXX**

COOLING OPERATION

Design Superheat 7 ± 2 °F, Design Subcooling 12 ± 2 °F pressures measured @ the liquid and suction service access fittings, AHRI 95 test conditions

IDB*		Outdoor Ambient Temperature																																																	
		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																						
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	21	18	15	20	20	17	14																									
		KW	6.36	6.48	6.66	6.85	6.79	6.92	7.12	7.33	7.17	7.32	7.53	7.76	7.51	7.66	7.89	8.13	7.80	7.96	8.20	8.45	8.05	8.21	8.46	8.72																									
		AMPS	21.4	21.7	22.2	22.8	22.5	22.9	23.4	24.0	23.9	24.3	24.8	25.5	25.0	25.5	26.1	26.8	26.2	26.6	27.3	28.1	27.3	27.8	28.5	29.3																									
		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																									
		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																									
3000		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	16	23	22	19	15	21	21	18	14																									
		KW	6.31	6.43	6.61	6.80	6.74	6.87	7.07	7.28	7.12	7.26	7.47	7.70	7.46	7.60	7.83	8.07	7.74	7.90	8.13	8.38	7.98	8.15	8.39	8.65																									
		AMPS	21.2	21.6	22.1	22.6	22.4	22.8	23.3	23.9	23.7	24.1	24.7	25.3	24.9	25.3	25.9	26.6	26.0	26.5	27.1	27.9	27.1	27.6	28.3	29.1																									
		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																									
		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																									
2400		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																									
		KW	6.18	6.30	6.47	6.65	6.60	6.72	6.91	7.12	6.96	7.10	7.31	7.52	7.29	7.43	7.65	7.88	7.56	7.72	7.95	8.19	7.80	7.96	8.20	8.45																									
		AMPS	20.9	21.2	21.6	22.2	22.0	22.3	22.8	23.4	23.3	23.6	24.2	24.8	24.4	24.8	25.4	26.1	25.5	25.9	26.6	27.3	26.6	27.1	27.7	28.5																									
		HI PR	229	246	260	271	257	277	292	305	292	315	332	346	333	358	378	393	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																									

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	
	KW	6.40	6.52	6.71	6.90	6.84	6.97	7.17	7.39	7.23	7.37	7.59	7.81	7.57	7.72	7.72	7.95	8.19	7.86	8.02	8.26	8.51	8.11	8.27	8.53	8.79
	AMPS	21.5	21.8	22.3	22.9	22.7	23.0	23.6	24.2	24.0	24.4	25.0	25.7	25.2	25.6	26.2	27.0	26.4	26.8	27.5	28.3	27.5	28.0	28.7	29.5	
	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	
	LOPR	107	113	124	132	113	120	131	139	117	125	136	145	123	131	143	152	129	137	150	159	133	142	155	165	
	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	24	23	20	24	24	23	20	22	23	21	18
3000	KW	6.36	6.48	6.66	6.85	6.79	6.92	7.12	7.33	7.17	7.32	7.53	7.76	7.51	7.66	7.89	8.13	7.80	7.96	8.20	8.45	8.05	8.21	8.46	8.72	
	AMPS	21.4	21.7	22.2	22.8	22.5	22.9	23.4	24.0	23.9	24.3	24.8	25.5	25.0	25.5	26.1	26.8	26.2	26.6	27.3	28.1	27.3	27.8	28.5	29.3	
	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	
	LOPR	106	112	123	131	112	119	130	138	116	123	135	143	122	130	141	151	128	136	148	158	132	140	153	163	
	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	22	27	27	25	22	25	24	20	
	KW	6.22	6.34	6.52	6.70	6.64	6.77	6.96	7.17	7.02	7.15	7.36	7.58	7.34	7.49	7.71	7.94	7.62	7.77	8.01	8.25	7.75	7.86	8.02	8.26	8.52
	AMPS	21.0	21.3	21.8	22.3	22.1	22.5	23.0	23.6	23.4	23.8	24.4	25.0	24.5	25.0	25.5	26.2	25.6	26.1	26.7	27.5	26.8	27.2	27.9	28.7	
	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	
LOPR	102	109	119	127	108	115	126	134	112	120	131	139	118	126	137	146	124	132	144	153	128	136	149	158		
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	22	27	27	25	22	25	24	20	
	KW	6.22	6.34	6.52	6.70	6.64	6.77	6.96	7.17	7.02	7.15	7.36	7.58	7.34	7.49	7.71	7.94	7.62	7.77	8.01	8.25	7.75	7.86	8.02	8.26	8.52
	AMPS	21.0	21.3	21.8	22.3	22.1	22.5	23.0	23.6	23.4	23.8	24.4	25.0	24.5	25.0	25.5	26.2	25.6	26.1	26.7	27.5	26.8	27.2	27.9	28.7	
	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	
	LOPR	102	109	119	127	108	115	126	134	112	120	131	139	118	126	137	146	124	132	144	153	128	136	149	158	

* Entering Indoor Dry Bulb Temperature

Entering Indoor Dry Bulb Temperature

Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is AHH

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

NOTE: Shaded area is AHRI Rating Conditions

COOLING PERFORMANCE DATA

PERFORMANCE TEST

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

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

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

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

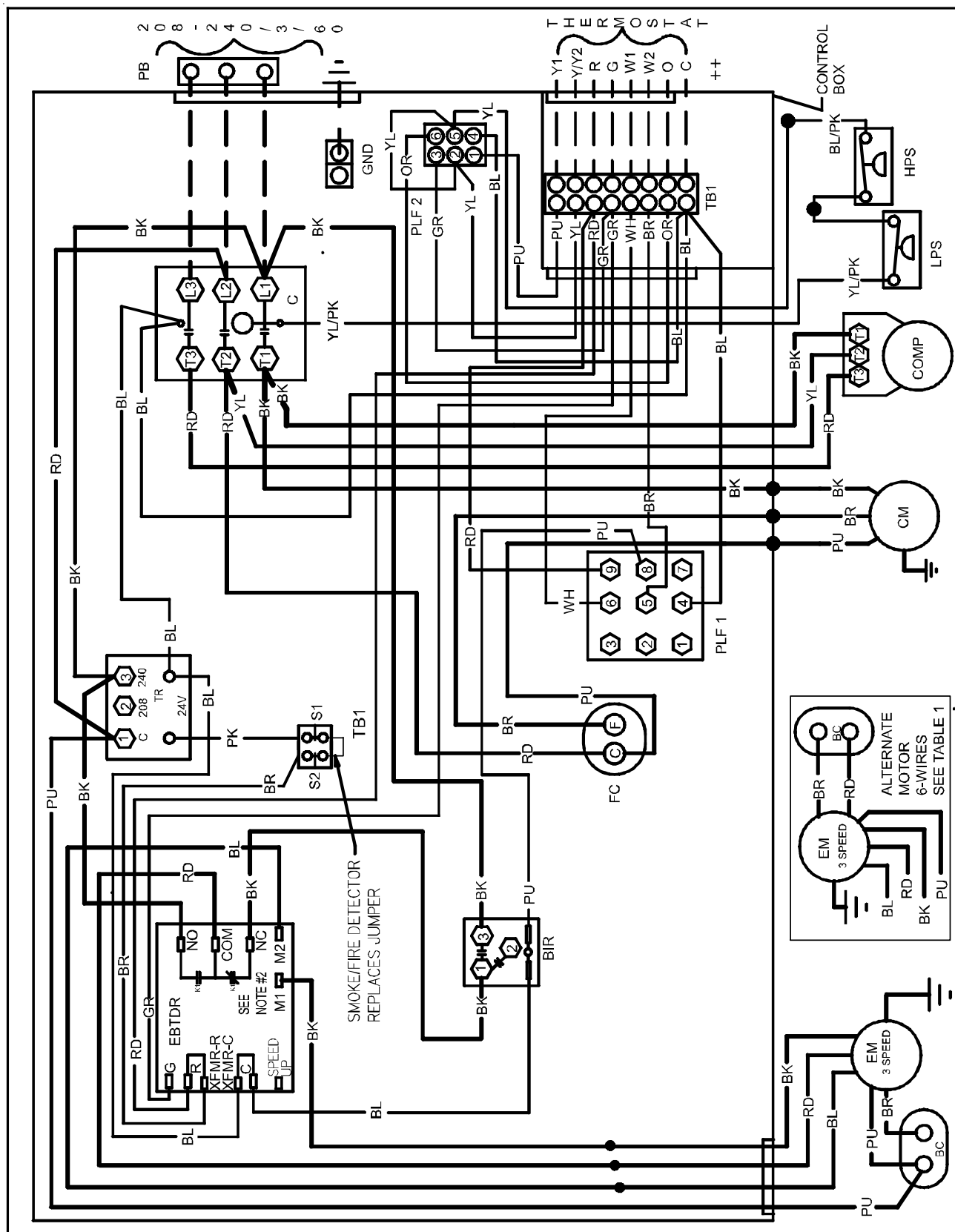
A properly operating unit should be within plus or minus **7 PSIG** of the **head pressure** shown.

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

CPC[036-048]XXX3D*B***



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.



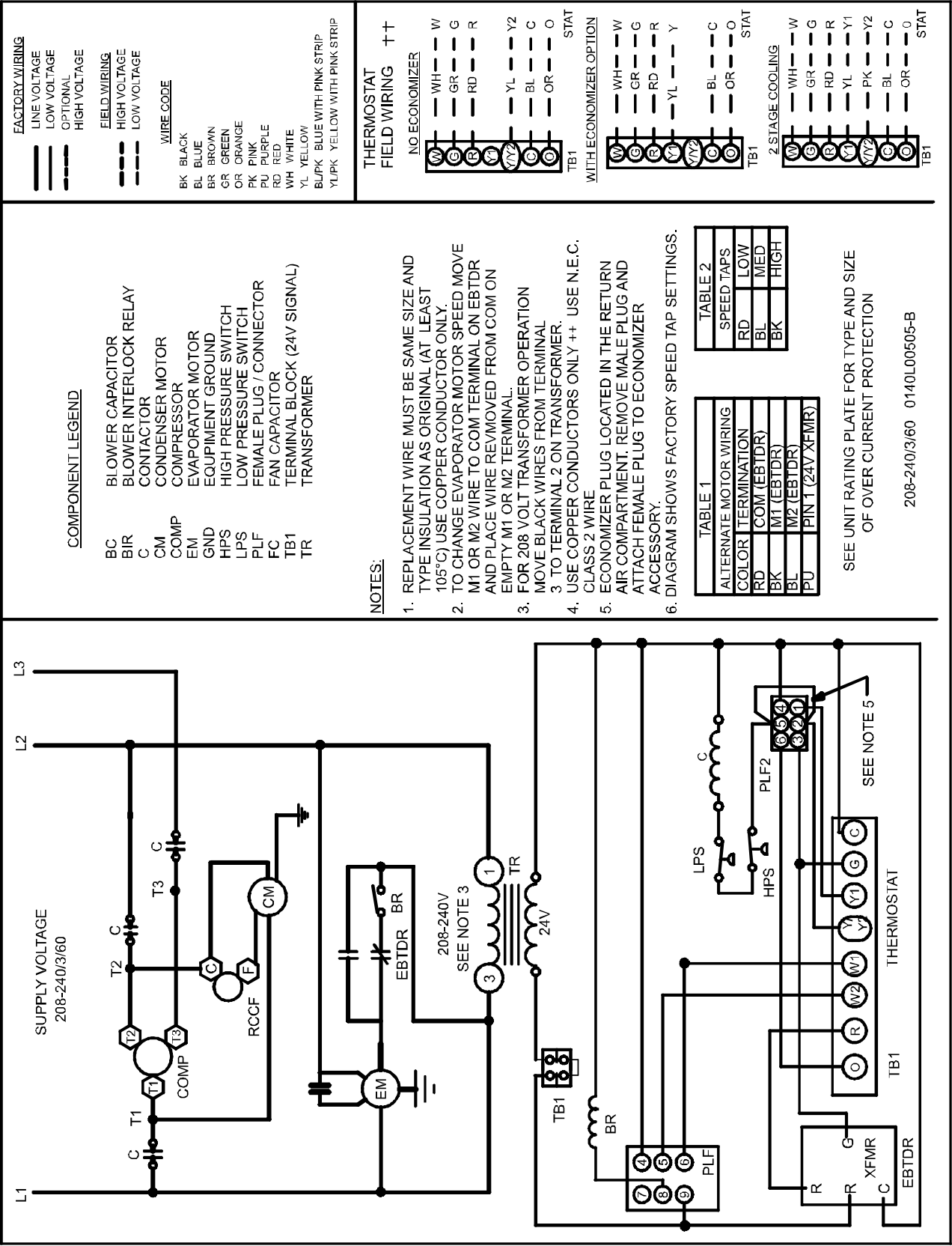
208-240/3/60 0140L00505-B

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

**WARNING**

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





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

WIRING DIAGRAMS

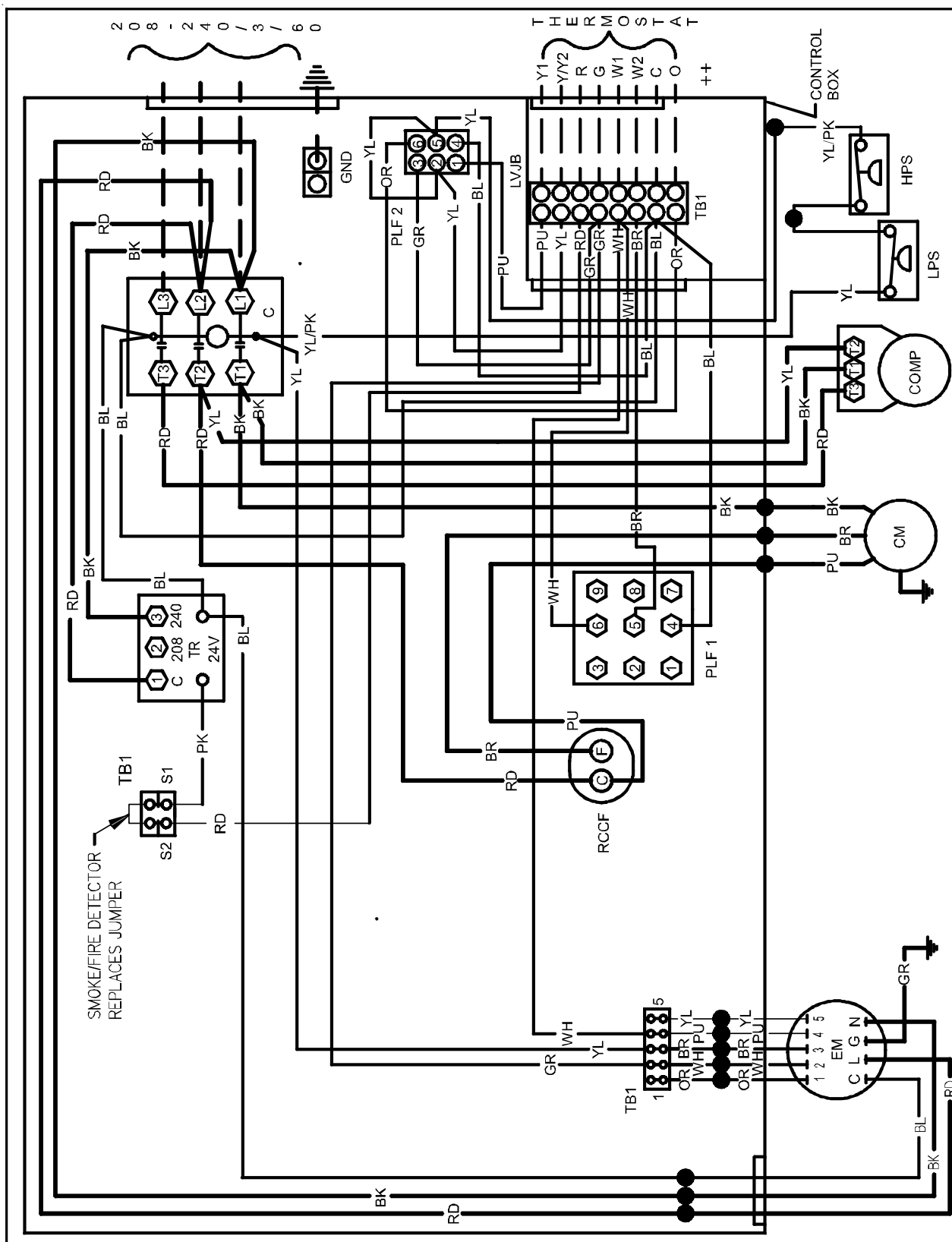
CPC060XXX3D*B***



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.



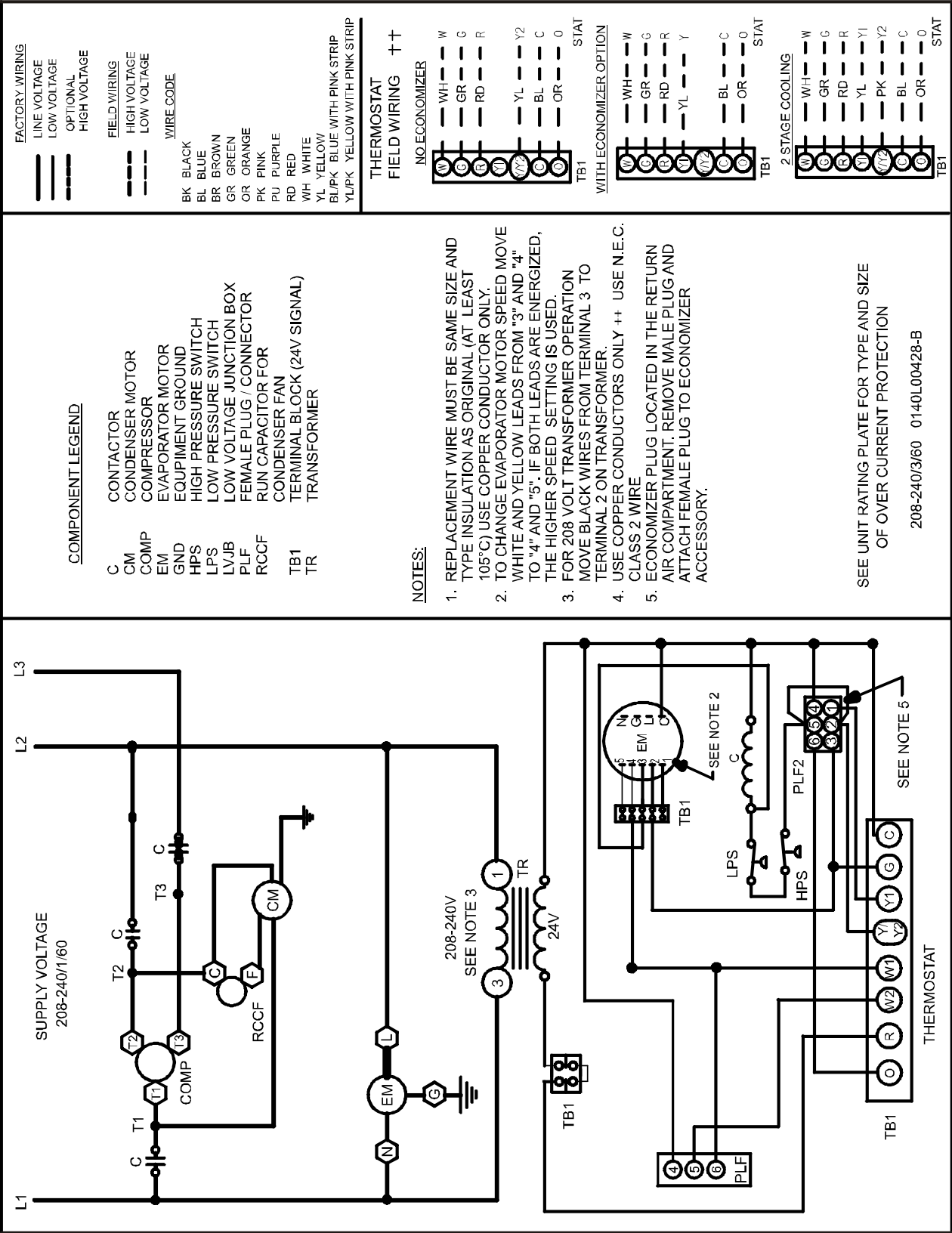
208-240/3/60 0140L00428-B

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

**WARNING**

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





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

CPC060XXX3D*C***



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.



CPC060XX3D*C***

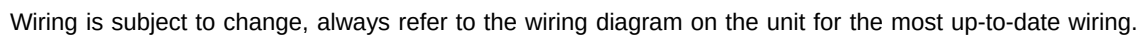


DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



208-240/3/60 0140L02104-A

CPC[036-072]XXX3B*B***

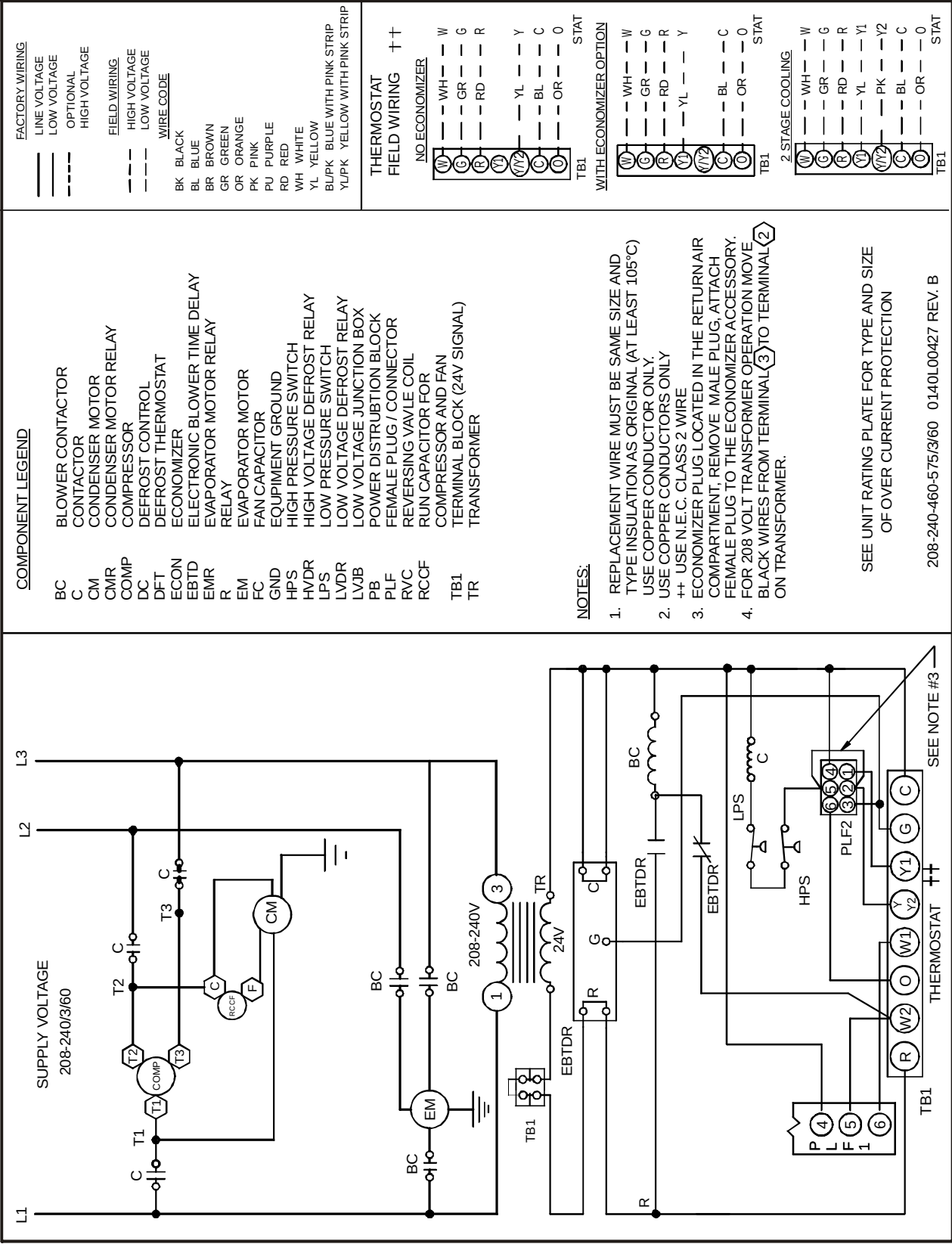


WIRING DIAGRAMS

CPC[036-072]XXX3B***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.

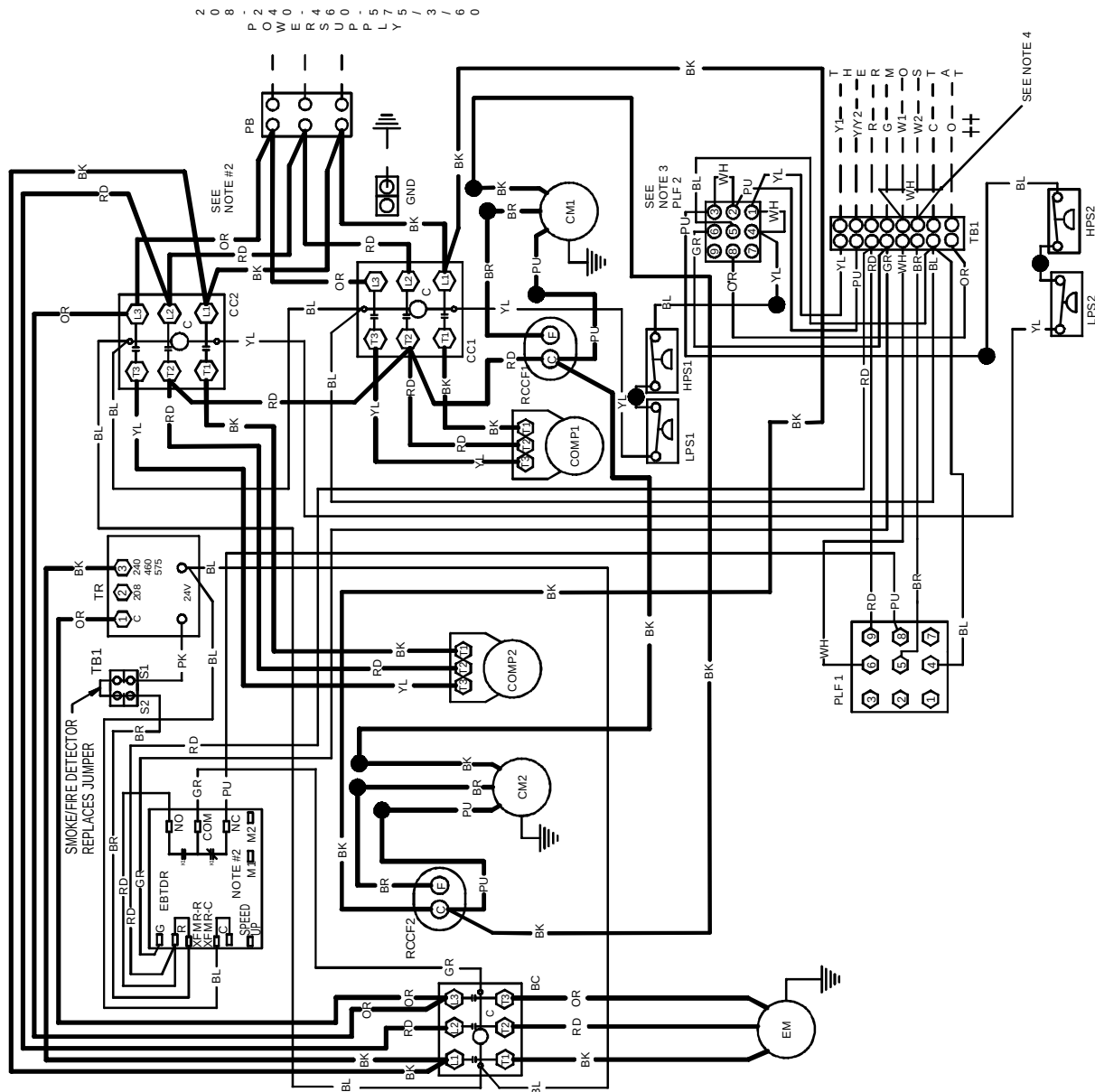


Wiring is subject to change, always refer to the wiring diagram on the unit for the most up-to-date wiring.

CPC090XXX3B*B***



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.



0140L00548 REV B

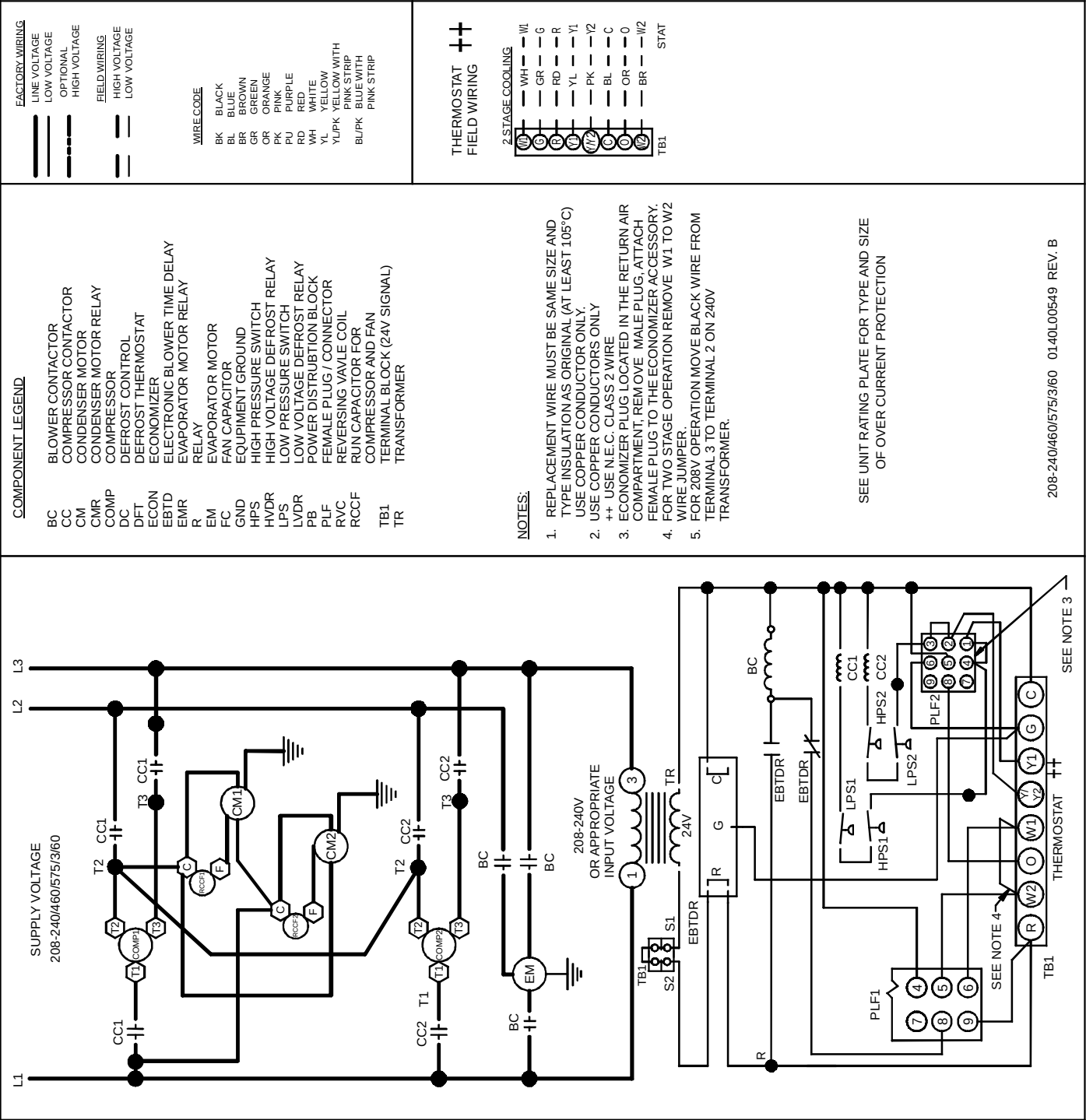
WIRING DIAGRAMS

CPC090XXX3B***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.





COMPONENT LEGEND

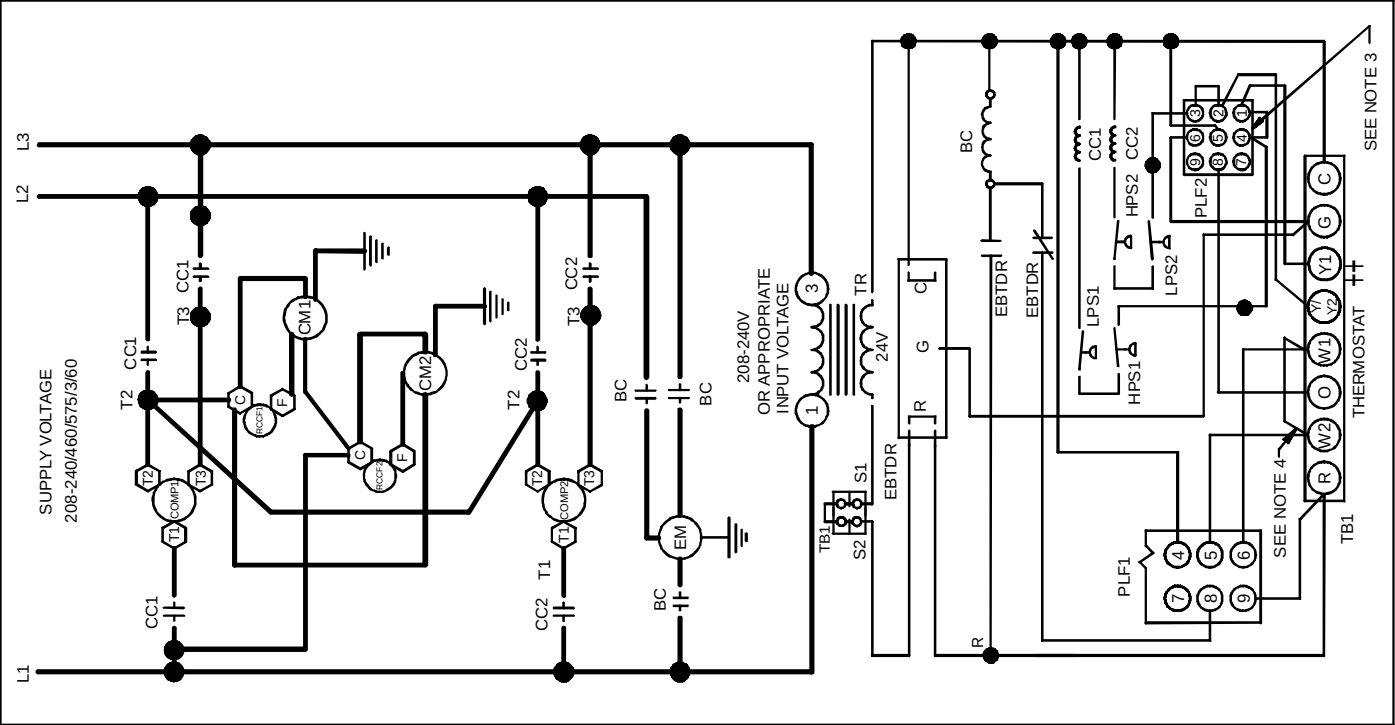
BC BLOWER CONTACTOR
CC COMPRESSOR CONTACTOR
CM CONDENSER MOTOR RELAY
CMR COMPRESSOR MOTOR RELAY
DC DEFROST CONTROL
DFT DEFROST THERMOSTAT
ECON ECONOMIZER
EBTD ELECTRONIC BLOWER TIME DELAY
EMR EVAPORATOR MOTOR RELAY
R RELAY
EM EVAPORATOR MOTOR
FC FAN CAPACITOR
GND EQUIPMENT GROUND
HPS HIGH PRESSURE SWITCH
HVDR HIGH VOLTAGE DEFROST RELAY
LPS LOW PRESSURE SWITCH
LVDR LOW VOLTAGE DEFROST RELAY
PB POWER DISTRIBUTION BLOCK
PLF FEMALE PLUG / CONNECTOR
RVC REVERSING VALVE COIL
RCCF RUN CAPACITOR FOR COMPRESSOR AND FAN
TB1 TERMINAL BLOCK (24V SIGNAL)
TR TRANSFORMER

NOTES:

1. REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE INSULATION AS ORIGINAL (AT LEAST 105°C) USE COPPER CONDUCTORS ONLY.
2. USE COPPER CONDUCTORS ONLY.
3. ECONOMIZER PLUG LOCATED IN THE RETURN AIR COMPARTMENT, REMOVE MALE PLUG, ATTACH FEMALE PLUG TO THE ECONOMIZER ACCESSORY.
4. FOR TWO STAGE OPERATION REMOVE W1 TO W2 WIRE JUMPER.
5. FOR 208V OPERATION MOVE BLACK WIRE FROM TERMINAL 3 TO TERMINAL 2 ON 240V TRANSFORMER.

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

208-240/460/575/3/60 0140L00549 REV. B



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