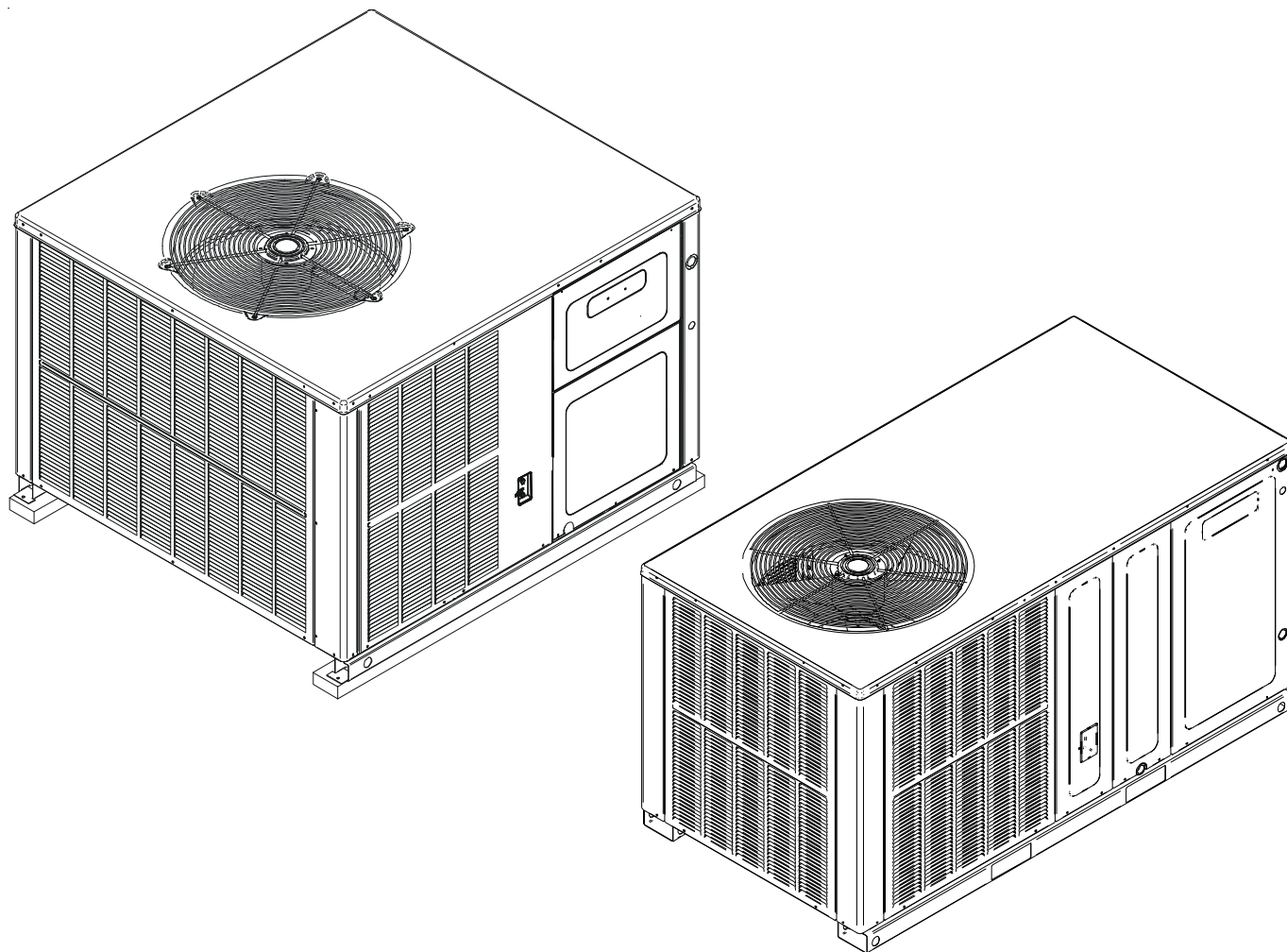


Goodman® TECHNICAL MANUAL

GPC13 SEER Package Air Conditioners with R-22

- Refer to Service Manual RS6300009 (H Series) and RS6300010 (M Series) 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 3.

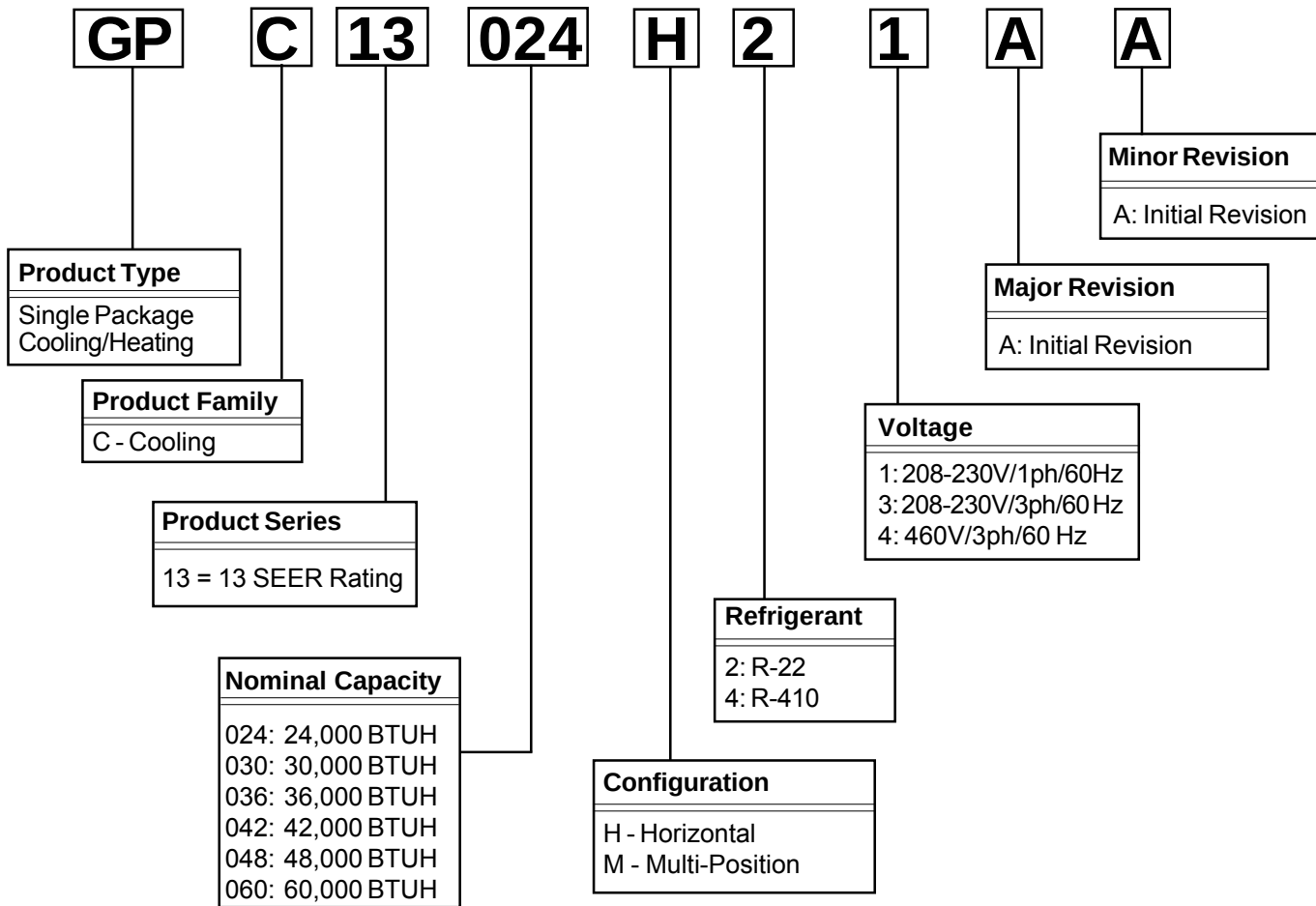


This manual is to be used by qualified, professionally trained HVAC technicians only. Goodman does not assume any responsibility for property damage or personal injury due to improper service procedures or services performed by an unqualified person.

RT6322002r7
August 2009

PRODUCT IDENTIFICATION

The model and manufacturing number are used for positive identification of component parts used in manufacturing. Please use these numbers when requesting service or parts information.



WARNING

HIGH VOLTAGE!

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



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 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.

PRODUCT IDENTIFICATION

The model and manufacturing number are used for positive identification of component parts used in manufacturing. Please use these numbers when requesting service or parts information.

GPC1324H21A*	GPC1336M21A*
GPC1330H21A*	GPC1348M21A*
GPC1336H21A*	GPC1360M21A*
GPC1342H21A*	
GPC1348H21A*	
GPC1348H21B*	
GPC1360H21A*	

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 DESIGN

GPC Package Cooling Units are designed for outdoor installations only in either residential or light commercial applications.

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

A return air filter must be installed behind the return air grille(s) or provision must be made for a filter in an accessible location within the return air duct. 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" PVC pipe is provided for removal of condensate water from the indoor coil. In order to provide proper condensate flow, a drain trap is supplied and shipped loose inside the unit for field installation. (Do not reduce the drain line size.)

Refrigerant flow control is achieved by use of restrictor orifices. GPC units use the FasTest Access Fitting System with 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. **Do not remove the core from the saddle until the refrigerant charge has been removed. Failure to do so could result in property damage or personal injury.**

The single phase units use permanent split capacitor (PSC) design compressors. Starting components are therefore not required for these units. A low microfarad run capacitor assists the compressor to start and remains in the circuit during operation.

The outdoor fan and indoor blower motors are single phase capacitor type motors. GPC1360H21* and GPC1348-60M21* units have X-13 indoor blower motors that are energized by a 24V signal from the thermostat and are constant torque motors with very low power consumption. The X-13 features an integral control module.

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

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

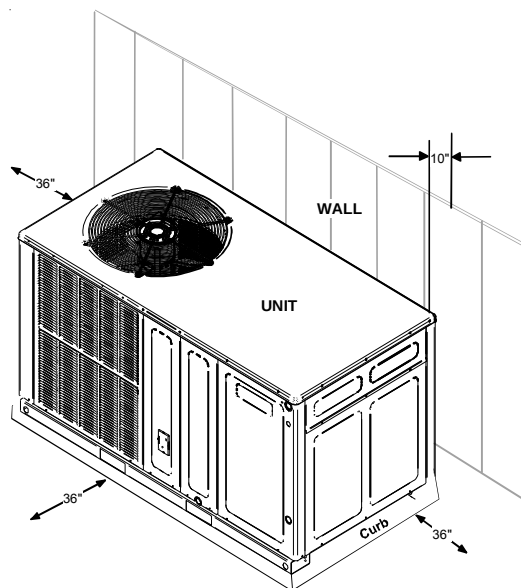
GPC1342-60H21* and GPC1348-60M21 use Copeland Scroll Compressors. There are a number of design characteristics which are different from the traditional reciprocating compressor.

- 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 floodback or flooded start conditions may wash oil from the bearing surfaces causing premature bearing failure.
- Scroll Compressors use white oil which is compatible with 3GS oil which may be used if additional oil is required.

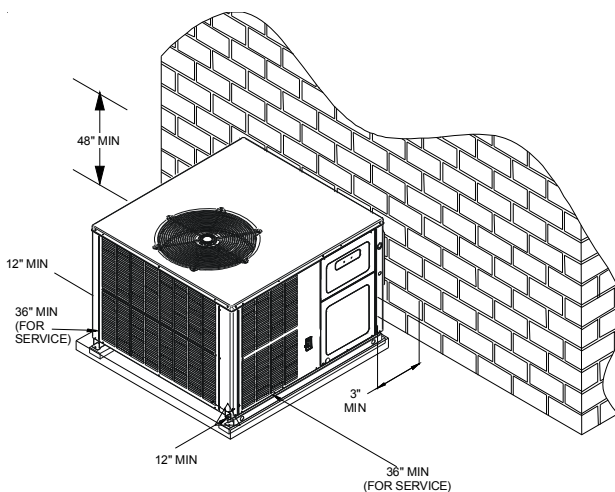
- Operating pressures and amp draws may differ from standard reciprocating compressors. This information may be found in the "Cooling Performance Data" section.

Location and Clearances

NOTE: To ensure proper condensate drainage, unit must be installed in a level position.



Outside Slab Installation - Horizontal (H)

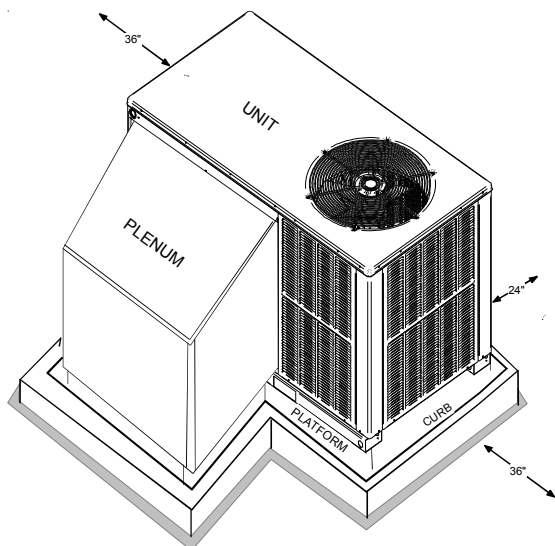


Outside Slab Installation - Multi-positional (M)

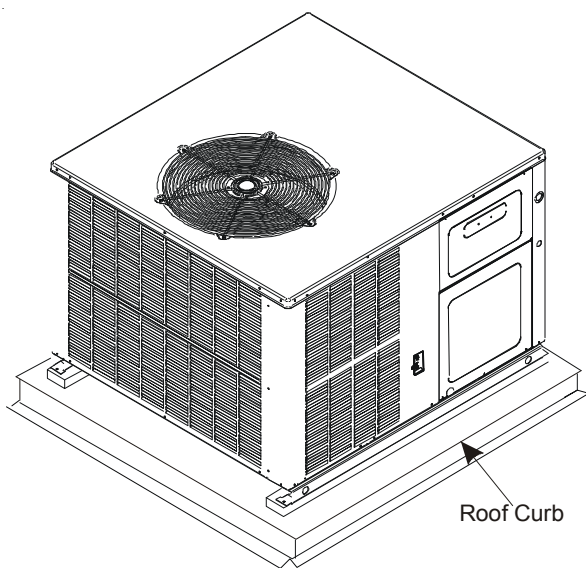
NOTE: Roof overhang should be no more than 36" and provisions made to deflect the warm discharge air out from the overhang.

Minimum clearances are required to avoid air recirculation and keep the unit operating at peak efficiency.

PRODUCT DESIGN



Rooftop Installation - Horizontal (H)



Rooftop Installation - Multi-positional (M)

NOTE: To ensure proper condensate drainage, unit must be installed in a level position.

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.

HKR ELECTRICAL DATA

Model and Heat Kit Usage	Circuit #1		Circuit #2		Actual kW & BTU at 240V
	Minimum Circuit Ampacity at 208 / 240V	Maximum Overcurrent Protection (amps) at 208 / 240V	Minimum Circuit Ampacity at 208 / 240V	Maximum Overcurrent Protection (amps) at 208 / 240V	
GPC1324H21*					
HKR05A,CA	24 / 27	30 / 30	----	----	4.75 / 16,200
HKR08A,CA	33 / 28	40 / 40	----	----	7.00 / 23,800
HKR10A,CA	45 / 51	60 / 60	----	----	9.50 / 32,400
GPC1330H21*					
HKR05A,CA	24 / 27	30 / 30	----	----	4.75 / 16,200
HKR08A,CA	34 / 39	40 / 40	----	----	7.00 / 23,800
HKR10A,CA	45 / 52	60 / 60	----	----	9.50 / 32,400
HKR15A,CA	45 / 52	60 / 60	22 / 25	30 / 30	14.25 / 48,600
GPC1336H21*					
HKR05A,CA	24 / 27	30 / 30	----	----	4.75 / 16,200
HKR08A,CA	34 / 39	40 / 40	----	----	7.00 / 23,800
HKR10A,CA	45 / 52	60 / 60	----	----	9.50 / 32,400
HKR15A,CA	45 / 52	60 / 60	22 / 25	30 / 30	14.25 / 48,600
GPC1342H21*					
HKR05A,CA	25 / 27	30 / 30	----	----	4.75 / 16,200
HKR08A,CA	34 / 39	40 / 40	----	----	7.00 / 23,800
HKR10A,CA	46 / 52	60 / 60	----	----	9.50 / 32,400
HKR15A,CA	46 / 52	60 / 60	22 / 25	30 / 30	14.25 / 48,600
HKR20A,CA	46 / 52	60 / 60	43 / 49	60 / 60	19.50 / 66,500
GPC1348H21*					
HKR05A,CA	25 / 28	30 / 30	----	----	4.75 / 16,200
HKR08A,CA	34 / 40	40 / 40	----	----	7.00 / 23,800
HKR10A,CA	46 / 53	60 / 60	----	----	9.50 / 32,400
HKR15A,CA	46 / 52	60 / 60	22 / 25	30 / 30	14.25 / 48,600
HKR20A,CA	46 / 52	60 / 60	43 / 49	60 / 60	19.50 / 66,500
GPC1360H21*					
HKR05A,CA	26 / 30	30 / 30	----	----	4.75 / 16,200
HKR08A,CA	36 / 40	40 / 40	----	----	7.00 / 23,800
HKR10A,CA	48 / 54	60 / 60	----	----	9.50 / 32,400
HKR15A,CA	48 / 54	60 / 60	22 / 25	30 / 30	14.25 / 48,600
HKR20A,CA	48 / 54	60 / 60	43 / 49	60 / 60	19.50 / 66,500

IMPORTANT NOTE: A separate power supply is required for the HKR heater kit.



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 DESIGN

GPC13(36-60)M21*

HKR ELECTRICAL DATA

Model and Heat Kit Usage	Circuit #1		Circuit #2		Actual kW & BTU at 240V
	Minimum Circuit Ampacity at 208 / 240V	Maximum Overcurrent Protection (amps) at 208 / 240V	Minimum Circuit Ampacity at 208 / 240V	Maximum Overcurrent Protection (amps) at 208 / 240V	
GPC1336M21* / *A					
HKR05A,CA	24 / 27	30 / 30	----	----	4.75 / 16,200
HKR08A,CA	34 / 39	40 / 40	----	----	7.00 / 23,800
HKR10A,CA	45 / 52	60 / 60	----	----	9.50 / 32,400
HKR15A,CA	45 / 52	60 / 60	22 / 25	30 / 30	14.25 / 48,600
GPC1348M21* / *A					
HKR05A,CA	25 / 28	30 / 30	----	----	4.75 / 16,200
HKR08A,CA	34 / 40	40 / 40	----	----	7.00 / 23,800
HKR10A,CA	46 / 53	60 / 60	----	----	9.50 / 32,400
HKR15A,CA	46 / 52	60 / 60	22 / 25	30 / 30	14.25 / 48,600
HKR20A,CA	46 / 52	60 / 60	43 / 49	60 / 60	19.50 / 66,500
GPC1360M21* / *A					
HKR05A,CA	26 / 30	30 / 30	----	----	4.75 / 16,200
HKR08A,CA	36 / 40	40 / 40	----	----	7.00 / 23,800
HKR10A,CA	48 / 54	60 / 60	----	----	9.50 / 32,400
HKR15A,CA	48 / 54	60 / 60	22 / 25	30 / 30	14.25 / 48,600
HKR20A,CA	48 / 54	60 / 60	43 / 49	60 / 60	19.50 / 66,500

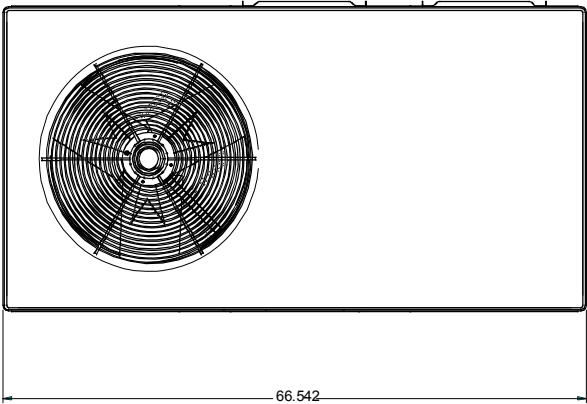
IMPORTANT NOTE: A separate power supply is required for the HKR heater kit.



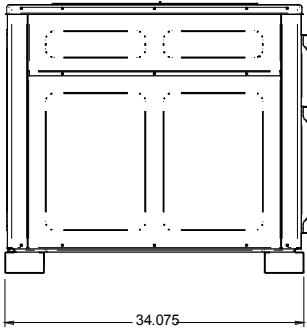
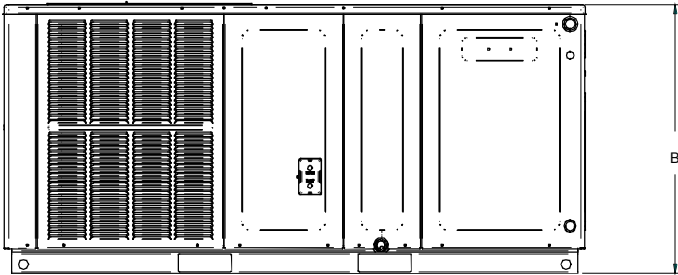
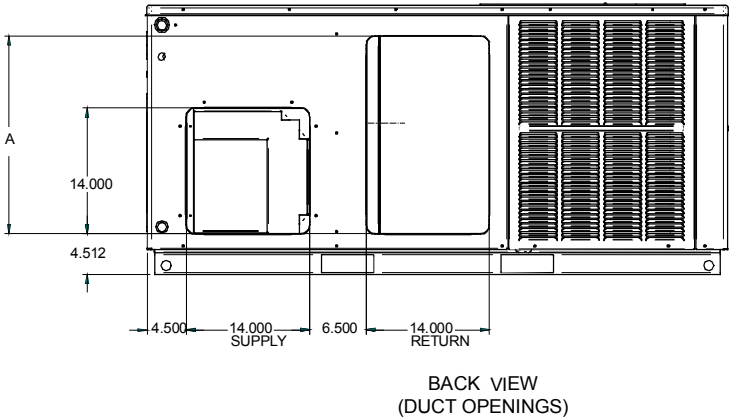
WARNING

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



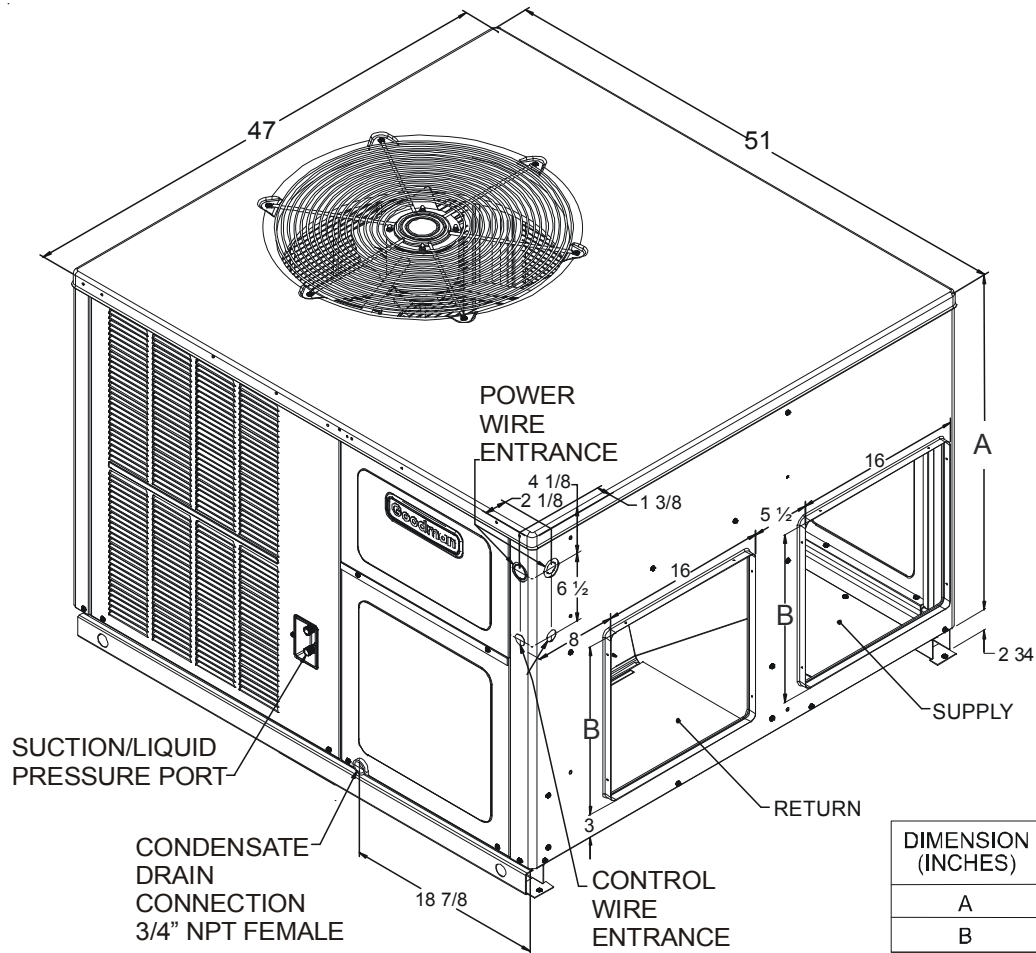
GPC13(24-60)H21*



Chassis	Model	A	B
Small	GPC1324	22.00	29.932
	GPC1330	22.00	29.932
	GPC1336	22.00	29.932
Medium	GPC1342	24.00	34.932
Large	GPC1348	24.00	38.682
	GPC1360	24.00	38.682

PRODUCT DIMENSIONS

GPC13(24-60)M21*



MEDIUM CHASSIS

GPC1324M21*

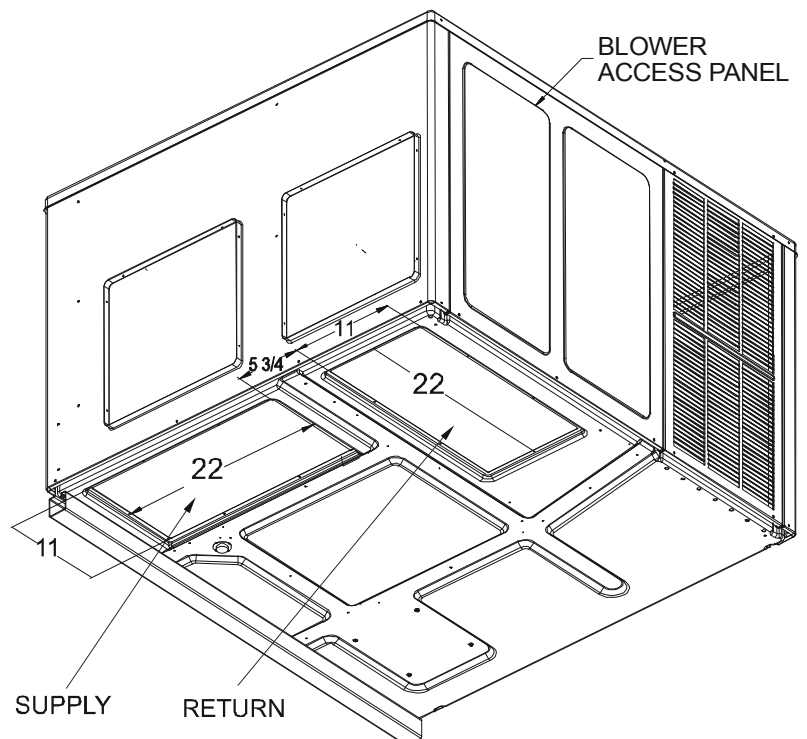
GPC1330M21*

GPC1336M21*

LARGE CHASSIS

GPC1348M21*

GPC1360M21*



PACKAGE COOLING SPECIFICATIONS

GPC13[24-30]H21A*

		GPC1324H21 A/AB/AC	GPC1324H21 AD	GPC1330H21 A/AB	GPC1330H21 AC/AD	GPC1330H21 AE
COOLING CAPACITY	COOLING CAPACITY, BTUH	24,000	24,000	28,000	28,000	28,000
	SEER	13.0	13.0	13.0	13.0	13.0
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
	AMPS (TOTAL)	12.7	12.8	13.7	13.7	13.1
	MINIMUM CIRCUIT AMPACITY	14.1	14.1	16.1	16.1	15.5
	MAXIMUM OVERCURRENT PROTECTION ⁽¹⁾	20	20	20	20	25
COMPRESSOR	TYPE	RECIP	RECIP	RECIP	RECIP	RECIP
	RATED LOAD AMPS	9.2	9.2	9.7	9.7	9.7
	LOCKED ROTOR AMPS	43	43	49	49	49
CONDENSER FAN MOTOR	HORSEPOWER	1/6	1/6	1/4	1/4	1/4
	RPM	840	840	1075	830	830
	FULL LOAD AMPS	1.1	1.1	1.6	1.5	1.5
	LOCKED ROTOR AMPS	1.7	1.7	3.3	3.0	3.0
CONDENSER FAN	BLADE DIAMETER (INCHES) / # OF BLADES	22 / 3	22 / 3	22 / 3	22 / 3	22 / 3
CONDENSER COIL	FACE AREA - SQ. FT.	13.6	13.4	13.6	13.6	13.4
	NUMBER OF ROWS	1	1	1	1	1
	FINS PER INCH	19	24	19	19	24
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/4 - 3	1/4 - 3	1/3 - 3	1/3 - 3	1/3 - 3
	FULL LOAD AMPS	1.5	1.5	2.4	2.4	1.86
	LOCKED ROTOR AMPS	2.2	2.2	3.2	3.2	3.5
	MOTOR SPEED TAP - COOLING	MEDIUM	MEDIUM	LOW	LOW	LOW
	RPM	1075	1075	1075	1075	1075
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	9 x 6	9 x 6	9 x 6	9 x 6	9 x 6
	RATED SCFM COOLING	815	815	1,080	1,080	1,080
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	4.6	4.6	4.6	4.6	4.6
	NUMBER OF ROWS	3	3	3	3	3
	FINS PER INCH	14	14	14	14	14
GENERAL INFORMATION	FILTER SIZE - SQ. FT. *	20 x 20 x 1	20 x 20 x 1	20 x 25 x 1	20 x 25 x 1	20 x 25 x 1
	DRAIN SIZE (INCHES)	3/4"	3/4"	3/4"	3/4"	3/4"
	EXPANSION DEVICE	Orifice	Orifice	Orifice	Orifice	Orifice
	REFRIGERANT CHARGE R-22 (Oz)	88	80	82	82	80
	POWER SUPPLY CONDUIT KNOCKOUT SIZE (INCHES)	3/4, 1, 1-1/4	3/4, 1, 1-1/4	3/4, 1, 1-1/4	3/4, 1, 1-1/4	3/4, 1, 1-1/4
	LOW VOLTAGE CONDUIT KNOCKOUT SIZE (INCHES)	1/2	1/2	1/2	1/2	1/2
	SHIPPING WEIGHT LBS.	310	331	310	310	339
	OPERATING WEIGHT LBS.	300	321	300	300	329

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

* Calculated external filter size based on air velocity of 300 ft/min.

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

GPC13[36-42]H21*

		GPC1336H21 A/AB	GPC1336H21 AC/AD	GPC1342H21 A/AB	GPC1342H21 AC/AD
COOLING CAPACITY	COOLING CAPACITY, BTUH	34,600	34,600	41,800	41,800
	SEER	13.0	13.0	13.0	13.0
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
	AMPS (TOTAL)	16.2	16.2	22.0	22.0
	MINIMUM CIRCUIT AMPACITY	19.3	19.3	26.1	26.1
	MAXIMUM OVERCURRENT PROTECTION ⁽¹⁾	30	30	40	40
COMPRESSOR	TYPE	RECIP	RECIP	SCROLL	SCROLL
	RATED LOAD AMPS	12.2	12.2	16.5	16.5
	LOCKED ROTOR AMPS	73	73	95	95
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4	1/4	1/4
	RPM	1075	830	1075	830
	FULL LOAD AMPS	1.6	1.5	1.6	1.5
	LOCKED ROTOR AMPS	3.3	3.0	3.3	3.0
CONDENSER FAN	BLADE DIAMETER (INCHES) / # OF BLADES	22 / 3	22 / 4	22 / 3	22 / 4
CONDENSER COIL	FACE AREA - SQ. FT.	14.6	14.6	17.2	17.2
	NUMBER OF ROWS	1	1	1	1
	FINS PER INCH	19	19	19	19
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/3 - 3	1/3 - 3	1/2 - 3	1/2 - 3
	FULL LOAD AMPS	2.4	2.4	3.9	3.9
	LOCKED ROTOR AMPS	3.2	3.2	4.9	4.9
	MOTOR SPEED TAP - COOLING	MEDIUM	MEDIUM	LOW	LOW
	RPM	1075	1075	1075	1075
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	9 x 8	9 x 8	10 x 8	10 x 8
	RATED SCFM COOLING	1,205	1,205	1,410	1,410
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	5.2	5.2	6.2	6.2
	NUMBER OF ROWS	3	3	4	4
	FINS PER INCH	14	14	14	14
GENERAL INFORMATION	FILTER SIZE - SQ. FT. *	25 x 25 x 1	25 x 25 x 1	(2) 20 x 20 x 1	(2) 20 x 20 x 1
	DRAIN SIZE (INCHES)	3/4"	3/4"	3/4"	3/4"
	EXPANSION DEVICE	Orifice	Orifice	Orifice	Orifice
	REFRIGERANT CHARGE R-22 (Oz.)	95	95	104	104
	POWER SUPPLY CONDUIT KNOCKOUT SIZE (INCHES)	3/4, 1, 1-1/4	3/4, 1, 1-1/4	3/4, 1, 1-1/4	3/4, 1, 1-1/4
	LOW VOLTAGE CONDUIT KNOCKOUT SIZE (INCHES)	1/2	1/2	1/2	1/2
	SHIPPING WEIGHT LBS.	370	370	370	370
	OPERATING WEIGHT LBS.	360	360	360	360

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

* Calculated external filter size based on air velocity of 300 ft/min.

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

GPC13[48-60]H21*

		GPC1348H21 A/AB	GPC1348H21 BA/BB	GPC1348H21 BC	GPC1360H21 A/AB	GPC1360H21 AD
COOLING CAPACITY	COOLING CAPACITY, BTUH	47,600	47,600	46,000	59,000	58,000
	SEER	13.0	13.0	13.0	13.0	13.0
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
	AMPS (TOTAL)	26.4	26.4	22.2	32.4	32.2
	MINIMUM CIRCUIT AMPACITY	31.4	31.4	26.6	39.8	38.5
	MAXIMUM OVERCURRENT PROTECTION ⁽¹⁾	50	50	40	60	60
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	20.0	20.0	17.9	25.0	25.0
	LOCKED ROTOR AMPS	104	104	104	148	148
CONDENSER FAN MOTOR	HORSEPOWER	1/3	1/3	1/4	1/3	1/4
	RPM	1075	1075	1075	1075	1075
	FULL LOAD AMPS	2.5	2.5	1.4	2.5	1.4
	LOCKED ROTOR AMPS	5.2	5.2	2.9	5.2	2.9
CONDENSER FAN	BLADE DIAMETER (INCHES) / # OF BLADES	22 / 4	22 / 4	22 / 4	22 / 4	22 / 4
CONDENSER COIL	FACE AREA - SQ. FT.	17.8	17.8	19.1	19.1	19.1
	NUMBER OF ROWS	2	1	1	2	2
	FINS PER INCH	16	16	21	16	16
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/2 - 3	1/2 - 3	1/2 - 3	3/4 - 3	3/4 - 5
	FULL LOAD AMPS	3.9	3.9	2.87	6.0	5.8
	LOCKED ROTOR AMPS	4.9	4.9	4.59	8.0	NA
	MOTOR SPEED TAP - COOLING	MEDIUM	MEDIUM	MEDIUM	MEDIUM	T2
	RPM	1075	1075	1075	1075	1075
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10 x 8	10 x 8	10 x 8	11 x 8	11 x 8
	RATED SCFM COOLING	1,585	1,585	1,585	1,985	1,985
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	6.2	6.2	6.2	7.0	7.0
	NUMBER OF ROWS	4	4	4	4	4
	FINS PER INCH	14	14	14	14	14
GENERAL INFORMATION	FILTER SIZE - SQ. FT. *	(2) 20 x 20 x 1	(2) 20 x 20 x 1	(2) 20 x 20 x 1	(2) 20 x 20 x 1	(2) 20 x 20 x 1
	DRAIN SIZE (INCHES)	3/4"	3/4"	3/4"	3/4"	3/4"
	EXPANSION DEVICE	Orifice	Orifice	Orifice	Orifice	Orifice
	REFRIGERANT CHARGE R-22 (Oz.)	212	212	110	205	170
	POWER SUPPLY CONDUIT KNOCKOUT SIZE (INCHES)	3/4, 1, 1-1/4	3/4, 1, 1-1/4	3/4, 1, 1-1/4	3/4, 1, 1-1/4	3/4, 1, 1-1/4
	LOW VOLTAGE CONDUIT KNOCKOUT SIZE (INCHES)	1/2	1/2	1/2	1/2	1/2
	SHIPPING WEIGHT LBS.	400	400	391	400	450
	OPERATING WEIGHT LBS.	390	390	381	390	440

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

* Calculated external filter size based on air velocity of 300 ft/min.

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

GPC13[36-48]M21A*

		GPC1336M21 AA	GPC1336M21 AB	GPC1348M21 AA	GPC1348M21 AB
COOLING CAPACITY	COOLING CAPACITY, BTUH	35,000	35,000	47,000	47,000
	SEER	13.0	13.0	13.0	13.0
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
	AMPS (TOTAL)	13.5	13.5	18.2	18.2
	MINIMUM CIRCUIT AMPACITY	18.5	18.5	32.4	32.4
	MAXIMUM OVERCURRENT PROTECTION ⁽¹⁾	30	30	50	50
COMPRESSOR	TYPE	RECIP	RECIP	SCROLL	SCROLL
	RATED LOAD AMPS	12.2	12.2	19.2	19.2
	LOCKED ROTOR AMPS	73	73	97	97
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4	1/3	1/4
	RPM	1075	1075	1075	1075
	FULL LOAD AMPS	1.4	1.4	2.4	1.4
	LOCKED ROTOR AMPS	3.0	2.9	5.2	2.9
CONDENSER FAN	BLADE DIAMETER (INCHES) / # OF BLADES	22 / 3	22 / 4	22 / 4	22 / 3
CONDENSER COIL	FACE AREA - SQ. FT.	12.5	12.5	15.3	15.3
	NUMBER OF ROWS	2	2	2	2
	FINS PER INCH	16	16	16	16
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/3 - 3	1/3 - 3	3/4 - 5	3/4 - 5
	FULL LOAD AMPS	1.9	1.9	6.0	6.0
	LOCKED ROTOR AMPS	3.6	3.6	---	---
	MOTOR SPEED TAP - COOLING	MEDIUM	MEDIUM	MEDIUM	MEDIUM
	RPM	1075	1075	1075	1075
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10 x 9	10 x 9	10 x 9	10 x 9
	RATED SCFM COOLING	1,225	1,225	1,750	1,750
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	4.5	4.5	6.2	6.2
	NUMBER OF ROWS	4	4	4	4
	FINS PER INCH	14	14	14	14
GENERAL INFORMATION	FILTER SIZE - SQ. FT. *	25 x 25 x 1	25 x 25 x 1	(2) 20 x 20 x 1	(2) 20 x 20 x 1
	DRAIN SIZE (INCHES)	3/4"	3/4"	3/4"	3/4"
	EXPANSION DEVICE	Orifice (.070)	Orifice (.070)	Orifice (.082)	Orifice (.082)
	REFRIGERANT CHARGE R-22 (Oz.)	110	110	158	156
	POWER SUPPLY CONDUIT KNOCKOUT SIZE (INCHES)	3/4, 1, 1-1/4	3/4, 1, 1-1/4	3/4, 1, 1-1/4	3/4, 1, 1-1/4
	LOW VOLTAGE CONDUIT KNOCKOUT SIZE (INCHES)	1/2	1/2	1/2	1/2
	SHIPPING WEIGHT LBS.	416	416	459	459
	OPERATING WEIGHT LBS.	360	360	300	300

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

* Calculated external filter size based on air velocity of 300 ft/min.

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.



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PACKAGE COOLING SPECIFICATIONS

GPC13[60]M21A*

		GPC1360M21 AA	GPC1360M21 AB
COOLING CAPACITY	COOLING CAPACITY, BTUH	56,500	56,500
	SEER	13.0	13.0
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60
	AMPS (TOTAL)	25.0	25.0
	MINIMUM CIRCUIT AMPACITY	41.2	41.2
	MAXIMUM OVERCURRENT PROTECTION ⁽¹⁾	60	60
COMPRESSOR	TYPE	SCROLL	SCROLL
	RATED LOAD AMPS	25	25
	LOCKED ROTOR AMPS	148	148
CONDENSER FAN MOTOR	HORSEPOWER	1/3	1/4
	RPM	1075	1075
	FULL LOAD AMPS	2.4	1.4
	LOCKED ROTOR AMPS	5.2	2.9
CONDENSER FAN	BLADE DIAMETER (INCHES) / # OF BLADES	22 / 4	22 / 3
CONDENSER COIL	FACE AREA - SQ. FT.	21.2	21.2
	NUMBER OF ROWS	2	2
	FINS PER INCH	16	16
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1.0 - 5	1.0 - 5
	FULL LOAD AMPS	7.6	7.6
	LOCKED ROTOR AMPS	---	---
	MOTOR SPEED TAP - COOLING	MEDIUM	MEDIUM
	RPM	1075	1075
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10 x 9	10 x 9
	RATED SCFM COOLING	1,900	1,900
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	6.2	6.2
	NUMBER OF ROWS	4	4
	FINS PER INCH	14	14
GENERAL INFORMATION	FILTER SIZE - SQ. FT. *	(2) 20 x 25 x 1	(2) 20 x 25 x 1
	DRAIN SIZE (INCHES)	3/4"	3/4"
	EXPANSION DEVICE	Orifice (.090)	Orifice (.090)
	REFRIGERANT CHARGE R-22 (Oz.)	209	207
	POWER SUPPLY CONDUIT KNOCKOUT SIZE (INCHES)	3/4, 1, 1-1/4	3/4, 1, 1-1/4
	LOW VOLTAGE CONDUIT KNOCKOUT SIZE (INCHES)	1/2	1/2
	SHIPPING WEIGHT LBS.	511	511
	OPERATING WEIGHT LBS.	360	360

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

* Calculated external filter size based on air velocity of 300 ft/min.

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

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ACCESSORIES

GPC13**H21A*

ACCESSORIES - GPC/GPH***H MODELS	
Part Number	Description
OT18-60A	Outdoor Thermostat Kit w/Lockout Stat
OT/EHR18-60	Emergency Heat Relay Kit
HKR	Electric Heat Kit
PCCP101-103	Roof Curb
PCP101-103	Downflow Plenum Kit
PCP101-103R8	Downflow Plenum Kit w/ R-8 Insulation
PCEC101-103	Downflow Economizer for GPC-(H) A/C - To Be Used With PCP101-103
PCEH101-103	Downflow Economizer for GPH-(H) Heat Pump - To Be Used With PCP101-103
PCMD101-103	Manual Damper - To Be Used With PCP101-103
PCMDM101-103	Motorized Damper - To Be Used With PCP101-103
GPHMD101-103	Manual Damper for Horizontal Applications
SQRPCH101	Square to Round Adapters 16"&14"
SQRPCH102-103	Square to Round Adapters 18"&14"
SQRPC101	Square to Round Adapter - For Use With PCCP101-103 Curb 16" Rounds
SQRPC102-103	Square to Round Adapter For Use With PCCP101-103 Curb 18" Rounds
PCFR101-103	External Horizontal Filter Rack
PCEF101-103	Elbow & Flashing w/ R-8 Liner
CDK36	Flush Mount Concentric Duct Kit
CDK36515	Flush Mount Concentric Duct Kit w/ Filter
CDK36530	Step Down Concentric Duct Kit
CDK36535	Step Down Concentric Duct Kit w/ Filter
CDK4872	Flush Mount Concentric Duct Kit
CDK4872515	Flush Mount Concentric Duct Kit w/ Filter
CDK4872530	Step Down Concentric Duct Kit
CDK4872535	Step Down Concentric Duct Kit w/ Filter

ACCESSORIES

GPC13**M21A*

ACCESSORIES - GPC/GPH****M MODELS	
Part Number	Description
OT18-60A	Outdoor Thermostat Kit w/Lockout Stat
OT/EHR18-60	Emergency Heat Relay Kit
HKR	Electric Heat Kit
PGC101/102/103	Roof Curb
PEHH101/102	Horizontal Economizer For Heat Pump, Small and Medium Chassis
PEHH103	Horizontal Economizer For Heat Pump, Large Chassis
PEHC101/102	Horizontal Economizer For A/C, Small and Medium Chassis
PEHC103	Horizontal Economizer For A/C, Large Chassis
PGMDD101/102	Manual 25% Fresh Air Damper Downflow Application, Small and Medium Chassis
PGMDD103	Manual 25% Fresh Air Damper Downflow Application, Large Chassis
PGMDH102	Manual 25% Fresh Air Damper Horizontal Application, Medium Chassis
PGMDH103	Manual 25% Fresh Air Damper Horizontal Application, Large Chassis
PGMDMD101/102	Motorized 25% Fresh Air Damper Downflow Application, Small and Medium Chassis
PGMDMD103	Motorized 25% Fresh Air Downflow Application, Large Chassis
PGMDMH102	Motorized 25% Fresh Air Damper Horizontal Application, Medium Chassis
PGMDMH103	Motorized 25% Fresh Air Damper Horizontal Application, Large Chassis
GPC13MED102	Downflow Economizer For A/C, Medium Chassis
GPC13MED103	Downflow Economizer For A/C, Large Chassis
GPH13MED102	Downflow Economizer For Heat Pump, Medium Chassis
GPH13MED103	Downflow Economizer For Heat Pump, Large Chassis
GPH13MFR102	Internal Filter Rack, Medium Chassis
GPH13MFR103	Internal Filter Rack, Large Chassis
GPGHFR101-103	External Horizontal Filter Rack for Goodman/Amana Gas/Electric and Multi-position Package Units All Chassis
SQRPG101/102	Square to Round Adapter w/ 16" Round Downflow Application, Medium Chassis
SQRPG103	Square to Round Adapter w/ 18" Round Downflow Application, Large Chassis
SQRPGH101/102	Square to Round Adapter w/ 16" Round Horizontal Application, Medium Chassis
SQRPGH103	Square to Round Adapter w/ 18" Round Horizontal Application, Large Chassis
CDK36	Flush Mount Concentric Duct Kit
CDK36515	Flush Mount Concentric Duct Kit w/ Filter
CDK36530	Step Down Concentric Duct Kit
CDK36535	Step Down Concentric Duct Kit w/ Filter
CDK4872	Flush Mount Concentric Duct Kit
CDK4872515	Flush Mount Concentric Duct Kit w/ Filter
CDK4872530	Step Down Concentric Duct Kit
CDK4872535	Step Down Concentric Duct Kit w/ Filter

BLOWER PERFORMANCE DATA

GPC13(24-60)H21**

Dry Coil Data

Model	Speed	Volts		E.S.P (In. of H ₂ O)							
				0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
GPC1324H21**	Low	230	CFM	630	580	545	500	470	-	-	-
			WATTS	155	150	145	140	135	-	-	-
	Med	230	CFM	865	815	770	720	670	610	555	-
			WATTS	230	220	215	210	200	195	185	-
	High	230	CFM	1,190	1,130	1,060	990	935	845	770	680
			WATTS	370	360	345	335	320	310	290	275
GPC1330H21**	Low	230	CFM	1,150	1,080	1,025	975	925	845	-	-
			WATTS	340	330	315	305	295	280	-	-
	Med	230	CFM	1,335	1,275	1,205	1,135	1,075	985	910	845
			WATTS	425	415	400	385	370	350	330	310
	High	230	CFM	1,435	1,355	1,290	1,210	1,130	1,040	960	885
			WATTS	485	465	455	435	415	400	385	370
GPC1336H21**	Low	230	CFM	1,180	1,125	1,075	1,020	955	875	655	-
			WATTS	335	325	315	305	295	275	240	-
	Med	230	CFM	1,350	1,280	1,205	1,130	1,050	985	910	845
			WATTS	435	420	405	385	375	350	330	310
	High	230	CFM	1,450	1,370	1,290	1,205	1,130	1,040	960	885
			WATTS	495	480	465	440	425	400	385	370
GPC1342H21**	Low	230	CFM	1,425	1,410	1,355	1,310	1,245	1,170	1,080	-
			WATTS	450	445	430	420	405	390	370	-
	Med	230	CFM	1,620	1,595	1,545	1,485	1,425	1,345	1,250	1,160
			WATTS	550	540	525	510	495	475	450	425
	High	230	CFM	1,945	1,935	1,875	1,800	1,730	1,635	1,535	1,440
			WATTS	765	755	735	715	695	670	640	615
GPC1348H21**	Low	230	CFM	1,425	1,410	1,355	1,310	1,245	1,170	1,080	-
			WATTS	450	445	430	420	405	390	370	-
	Med	230	CFM	1,720	1,660	1,585	1,520	1,460	1,365	1,270	-
			WATTS	560	555	540	530	520	490	470	-
	High	230	CFM	2,110	2,060	1,980	1,895	1,795	1,705	1,590	1,500
			WATTS	785	780	765	745	720	705	665	625
GPC1360H21**	"T" 1 Low	230	CFM	1,860	1,800	1,745	1,695	1,650	1,600	1,555	1,500
			WATTS	410	425	440	455	470	480	495	500
	"T" 2 Med	230	CFM	1,990	1,945	1,885	1,835	1,785	1,740	1,695	1,645
			WATTS	510	520	530	545	555	570	585	590
	"T" 3 High	230	CFM	2,100	2,045	1,985	1,945	1,895	1,850	1,800	1,750
			WATTS	595	610	620	630	645	660	670	680

NOTES:

- Data shown is Dry Coil. Wet Coil Pressure Drop is approximate. 0.1" H₂O, for 2 row indoor coil; 0.2" H₂O, for 3 row indoor coil; and 0.3" H₂O, for 4 row indoor coil.
- Data shown does not include filter pressure drop, approx. 0.08" H₂O.
- ALL MODELS SHOULD RUN NO LESS THAN 350 CFM / TON.
- Reduce airflow by 2% for 208V operation.

BLOWER PERFORMANCE DATA

GPC13(36-60)M21**

Dry Coil Data

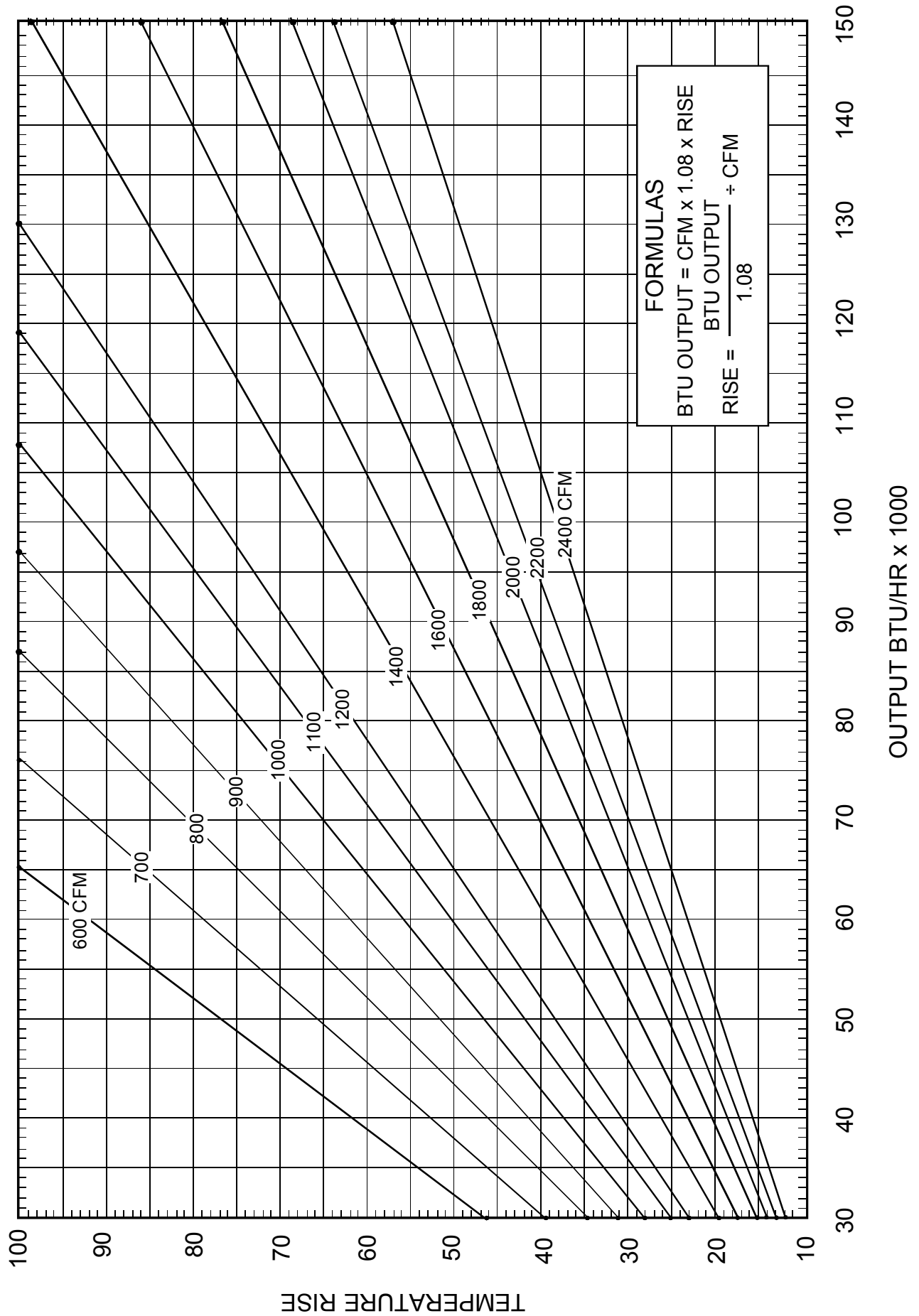
Model	Speed	Volts		E.S.P (In. of H ₂ O)							
				0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
GPC1336M21**	Low	230	CFM	1,055	1,015	975	895	840	770	-	-
			WATTS	315	310	300	285	270	255	-	-
	M / L	230	CFM	1,285	1,240	1,190	1,120	1,040	950	850	-
			WATTS	385	375	365	350	335	315	295	-
	M / H	230	CFM	1,470	1,425	1,345	1,285	1,195	1,085	980	865
			WATTS	455	440	425	410	385	370	350	325
	High	230	CFM	1,565	1,510	1,415	1,340	1,260	1,135	1,035	885
			WATTS	495	480	460	445	425	405	385	355
GPC1348M21**	T1 (G)	230	CFM	1,440	1,395	1,360	1,310	1,265	1,235	1,190	1,130
			WATTS	275	285	295	315	325	335	345	355
	T2 / T3 (W2)	230	CFM	1,795	1,765	1,715	1,695	1,650	1,600	1,500	1,375
			WATTS	475	490	505	520	530	535	510	475
	T4 / T5 (Y)	230	CFM	1,860	1,820	1,785	1,745	1,700	1,625	1,515	1,395
			WATTS	515	530	545	565	570	550	535	485
GPC1360M21**	T1 (G)	230	CFM	1,755	1,720	1,685	1,645	1,615	1,570	1,530	1,465
			WATTS	420	435	455	460	475	490	500	500
	T2 / T3 W2	230	CFM	1,850	1,820	1,775	1,735	1,705	1,675	1,610	1,495
			WATTS	480	500	515	525	535	555	545	520
	T4 / T5 Y	230	CFM	2,180	2,125	2,050	1,975	1,875	1,800	1,655	1,530
			WATTS	770	755	725	700	675	640	575	540

NOTES:

- Data shown is Dry Coil. Wet Coil Pressure Drop is approximate. 0.1" H₂O, for 2 row indoor coil; 0.2" H₂O, for 3 row indoor coil; and 0.3" H₂O, for 4 row indoor coil.
- Data shown does not include filter pressure drop, approx. 0.08" H₂O.
- ALL MODELS SHOULD RUN NO LESS THAN 350 CFM / TON.
- Reduce airflow by 2% for 208V operation.

BLOWER PERFORMANCE DATA

BTU OUTPUT vs TEMPERATURE RISE CHART



EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GPC1324H21*

		Outdoor Ambient Temperature																																															
		65								75								85								95								105								115							
		Entering Indoor Wet Bulb Temperature																																															
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																
70	900	MBh	23.5	24.4	26.7	-	23.0	23.8	26.1	-	22.4	23.2	25.5	-	21.9	22.7	24.8	-	20.8	21.5	23.6	-	19.3	20.0	21.9	-	19.3	20.0	21.9	-	19.3	20.0	21.9	-															
		S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-															
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	17	15	11	-															
		KW	1.72	1.75	1.81	-	1.84	1.88	1.94	-	1.95	1.99	2.05	-	2.05	2.09	2.16	-	2.13	2.18	2.25	-	2.20	2.25	2.32	-	2.20	2.25	2.32	-	2.20	2.25	2.32	-															
		AMPS	5.9	6.1	6.3	-	6.4	6.6	6.8	-	7.0	7.1	7.4	-	7.5	7.6	7.9	-	7.9	8.1	8.4	-	8.4	8.6	8.9	-	8.4	8.6	8.9	-	8.4	8.6	8.9	-															
	HI PR	149	160	169	-	167	179	190	-	190	204	216	-	216	232	245	-	243	262	276	-	269	289	305	-	269	289	305	-	269	289	305	-																
	LOPR	66	70	76	-	69	74	81	-	72	77	84	-	76	81	88	-	79	85	92	-	82	87	95	-	82	87	95	-	82	87	95	-																
	800	MBh	22.8	23.7	25.9	-	22.3	23.1	25.3	-	21.8	22.6	24.7	-	21.2	22.0	24.1	-	20.2	20.9	22.9	-	18.7	19.4	21.2	-	18.7	19.4	21.2	-	18.7	19.4	21.2	-															
		S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-	0.82	0.69	0.48	-	0.82	0.69	0.48	-															
		Delta T	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-	18	15	12	-	18	15	12	-															
KW		1.71	1.74	1.79	-	1.83	1.87	1.92	-	1.94	1.98	2.04	-	2.03	2.08	2.14	-	2.12	2.16	2.23	-	2.19	2.23	2.30	-	2.19	2.23	2.30	-	2.19	2.23	2.30	-																
AMPS		5.9	6.0	6.2	-	6.4	6.5	6.7	-	6.9	7.1	7.3	-	7.4	7.6	7.8	-	7.9	8.1	8.3	-	8.3	8.5	8.8	-	8.3	8.5	8.8	-	8.3	8.5	8.8	-																
700	HI PR	147	158	167	-	165	178	188	-	188	202	213	-	214	230	243	-	241	259	273	-	266	286	302	-	266	286	302	-	266	286	302	-																
	LOPR	65	69	76	-	69	73	80	-	71	76	83	-	75	80	87	-	79	84	91	-	81	87	95	-	81	87	95	-	81	87	95	-																
	MBh	21.1	21.8	23.9	-	20.6	21.3	23.4	-	20.1	20.8	22.8	-	19.6	20.3	22.3	-	18.6	19.3	21.1	-	17.3	17.9	19.6	-	17.3	17.9	19.6	-	17.3	17.9	19.6	-																
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	0.80	0.66	0.46	-	0.80	0.66	0.46	-																
	Delta T	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-	18	16	12	-																

75	900	MBh	23.9	24.6	26.7	28.6	23.4	24.1	26.0	27.9	22.8	23.5	25.4	27.3	22.2	22.9	24.8	26.6	21.1	21.8	23.6	25.3	19.6	20.2	21.8	23.4	
		S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43	
		Delta T	21	19	16	11	21	20	16	11	21	20	16	11	23	21	20	16	11	21	19	16	11	20	18	15	10
		KW	1.73	1.77	1.82	1.87	1.86	1.90	1.95	2.01	1.97	2.01	2.07	2.14	2.07	2.11	2.18	2.25	2.15	2.20	2.26	2.34	2.22	2.27	2.34	2.42	
		AMPS	6.0	6.1	6.3	6.6	6.5	6.6	6.9	7.1	7.0	7.2	7.5	7.7	7.5	7.7	8.0	8.3	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.3	
	800	HI PR	150	162	171	178	168	181	191	200	192	206	218	227	218	235	248	259	245	264	279	291	271	292	308	321	
		LOPR	66	71	77	82	70	75	82	87	73	78	85	90	77	82	89	95	80	85	93	99	83	88	96	103	
		MBh	23.2	23.9	25.9	27.8	22.7	23.4	25.3	27.1	22.1	22.8	24.7	26.5	21.6	22.2	24.1	25.8	20.5	21.1	22.9	24.5	19.0	19.6	21.2	22.7	
		S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41	
		Delta T	22	20	16	11	22	20	17	11	22	20	17	12	22	20	17	12	22	20	17	11	20	19	15	11	
700	KW	1.72	1.75	1.81	1.86	1.84	1.88	1.94	2.00	1.95	1.99	2.06	2.12	2.05	2.09	2.16	2.23	2.13	2.18	2.25	2.32	2.20	2.25	2.32	2.40		
	AMPS	5.9	6.1	6.3	6.5	6.4	6.6	6.8	7.0	7.0	7.1	7.4	7.7	7.5	7.6	7.9	8.2	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.3		
	HI PR	149	160	169	176	167	179	190	198	190	204	216	225	216	233	246	256	243	262	276	288	269	289	305	318		
	LOPR	66	70	76	81	69	74	81	86	72	77	84	89	76	81	88	94	80	85	92	98	82	87	96	102		
	MBh	21.4	22.1	23.9	25.6	20.9	21.6	23.3	25.0	20.4	21.0	22.8	24.4	19.9	20.5	22.2	23.8	18.9	19.5	21.1	22.7	17.5	18.1	19.6	21.0		

COOLING PERFORMANCE DATA

GPC1324H1*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GPC1324H2I*

IDB*		Airflow	Outdoor Ambient Temperature																																																											
			65										75										85										95										105										115									
			Entering Indoor Wet Bulb Temperature																																																											
80	900	MBh	24.3	24.9	26.6	28.4	23.8	24.3	26.0	27.7	23.2	23.7	25.3	27.1	22.6	23.1	24.7	26.4	21.5	22.0	23.5	25.1	19.9	20.4	21.8	23.3	19.9	20.4	21.8	23.3																																
		S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62	1.00	1.00	0.82	0.62																																
		Delta T	23	22	19	16	24	23	20	16	24	23	20	16	23	23	20	16	22	22	20	16	20	21	18	15	20	21	18	15																																
		KW	1.75	1.78	1.83	1.89	1.87	1.91	1.97	2.03	1.98	2.03	2.09	2.15	2.08	2.13	2.19	2.26	2.17	2.21	2.28	2.36	2.24	2.29	2.36	2.44	2.24	2.29	2.36	2.44																																
		AMPS	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.1	7.3	7.5	7.8	7.6	7.8	8.0	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.4	8.6	8.8	9.1	9.4																																
	800	HI PR	152	163	172	180	170	183	193	202	194	208	220	229	220	237	250	261	248	267	282	294	274	295	311	325	274	295	311	325																																
		LOPR	67	71	78	83	71	75	82	88	74	78	86	91	77	82	90	96	81	86	94	100	84	89	97	104	84	89	97	104																																
		MBh	23.6	24.1	25.8	27.6	23.1	23.6	25.2	26.9	22.5	23.0	24.6	26.3	22.0	22.5	24.0	25.7	20.9	21.3	22.8	24.4	19.3	19.8	21.1	22.6	19.3	19.8	21.1	22.6																																
		S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59	1.00	0.96	0.78	0.59																																
		Delta T	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	23	20	16	22	22	19	15	22	22	19	15																																
	700	KW	1.73	1.77	1.82	1.87	1.86	1.90	1.95	2.01	1.97	2.01	2.07	2.14	2.07	2.11	2.18	2.25	2.15	2.20	2.26	2.34	2.22	2.27	2.34	2.42	2.22	2.27	2.34	2.42																																
		AMPS	6.0	6.1	6.3	6.6	6.5	6.6	6.9	7.1	7.0	7.2	7.5	7.7	7.5	7.7	8.0	8.3	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.3	8.5	8.7	9.0	9.3																																
		HI PR	150	162	171	178	168	181	191	200	192	206	218	227	218	235	248	259	246	264	279	291	271	292	308	322	271	292	308	322																																
		LOPR	66	71	77	82	70	75	82	87	73	78	85	90	77	82	89	95	80	85	93	99	83	88	96	103	83	88	96	103																																
		MBh	21.8	22.3	23.8	25.5	21.3	21.8	23.3	24.9	20.8	21.3	22.7	24.3	20.3	20.7	22.2	23.7	19.3	19.7	21.0	22.5	17.9	18.2	19.5	20.8	17.9	18.2	19.5	20.8																																
	S/T	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57	0.99	0.93	0.76	0.57																																	
	Delta T	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	15	23	22	19	15																																	
	KW	1.69	1.73	1.78	1.83	1.82	1.85	1.91	1.97	1.92	1.96	2.02	2.09	2.02	2.06	2.12	2.19	2.10	2.14	2.21	2.28	2.17	2.21	2.28	2.36	2.17	2.21	2.28	2.36																																	
	AMPS	5.8	6.0	6.2	6.4	6.3	6.5	6.7	6.9	6.8	7.0	7.2	7.5	7.3	7.5	7.7	8.0	7.8	8.0	8.3	8.6	8.3	8.5	8.7	9.1	8.3	8.5	8.7	9.1																																	
	HI PR	146	157	166	173	163	176	186	194	186	200	211	220	212	228	241	251	238	256	271	282	263	283	299	312	263	283	299	312																																	
	LOPR	64	69	75	80	68	72	79	84	71	75	82	88	74	79	86	92	78	83	90	96	81	86	94	100	81	86	94	100																																	

85	900	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
		MBh	24.8	25.2	26.4	28.2	24.2	24.7	25.8	27.6	23.6	24.1	25.2	26.9	23.0	23.5	24.6	26.2	21.9	22.3	23.4	24.9	20.3	20.7	21.6	23.1	20.3	20.7	21.6	23.1
		S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80	1.00	1.00	0.98	0.80
		Delta T	25	25	23	20	25	25	23	20	24	25	23	20	24	24	24	20	22	23	23	20	21	21	22	19	21	21	22	19
		KW	1.76	1.79	1.85	1.90	1.89	1.92	1.98	2.05	2.00	2.04	2.10	2.17	2.10	2.14	2.21	2.28	2.18	2.23	2.30	2.38	2.26	2.31	2.38	2.46	2.26	2.31	2.38	2.46
	800	AMPS	6.1	6.2	6.5	6.7	6.6	6.8	7.0	7.2	7.2	7.3	7.6	7.9	7.7	7.9	8.1	8.4	8.2	8.4	8.6	9.0	8.7	8.9	9.2	9.5	8.7	8.9	9.2	9.5
		HI PR	153	165	174	182	172	185	195	204	195	210	222	232	223	240	253	264	250	270	285	297	277	298	314	328	277	298	314	328
		LOPR	68	72	79	84	72	76	83	89	74	79	86	92	78	83	91	97	82	87	95	101	85	90	98	105	85	90	98	105
		MBh	24.0	24.5	25.7	27.4	23.5	23.9	25.1	26.8	22.9	23.4	24.5	26.1	22.4	22.8	23.9	25.5	21.2	21.7	22.7	24.2	19.7	20.1	21.0	22.4	19.7	20.1	21.0	22.4
		S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.76
	700	Delta T	26	26	24	21	26	26	24	21	26	26	24	21	26	26	25	21	24	25	24	21	23	23	23	20	23	23	23	20
		KW	1.75	1.78	1.83	1.89	1.87	1.91	1.97	2.03	1.98	2.03	2.09	2.15	2.08	2.13	2.19	2.26	2.17	2.21	2.28	2.36	2.24	2.29	2.36	2.44	2.24	2.29	2.36	2.44
		AMPS	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.1	7.3	7.5	7.8	7.6	7.8	8.0	8.4	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.4	8.6	8.8	9.1	9.4
		HI PR	152	163	172	180	170	183	193	202	194	208	220	229	220	237	250	261	248	267	282	294	274	295	311	325	274	295	311	325
		LOPR	67	71	78	83	71	75	82	88	74	78	86	91	77	82	90	96	81	86	94	100	84	89	97	104	84	89	97	104

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

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GPC1330H21*

		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
		Entering Indoor Wet Bulb Temperature																																			
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
	1181	MBh	27.0	28.0	30.7	-	26.4	27.4	30.0	-	25.8	26.7	29.3	-	25.2	26.1	28.6	-	23.9	24.8	27.1	-	22.1	22.9	25.1	-	22.1	22.9	25.1	-							
		S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-	0.88	0.73	0.51	-							
		Delta T	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	13	10	-	15	13	10	-							
		KW	1.80	1.84	1.89	-	1.93	1.97	2.03	-	2.05	2.09	2.16	-	2.15	2.20	2.27	-	2.24	2.29	2.36	-	2.31	2.36	2.44	-	2.31	2.36	2.44	-							
		AMPS	6.7	6.8	7.0	-	7.2	7.4	7.6	-	7.8	8.0	8.3	-	8.4	8.6	8.9	-	8.9	9.2	9.5	-	9.5	9.7	10.0	-	9.5	9.7	10.0	-							
	1050	HI PR	150	162	171	-	169	182	192	-	192	207	218	-	219	235	248	-	246	265	279	-	272	292	309	-	272	292	309	-							
		LO PR	65	69	76	-	69	73	80	-	71	76	83	-	75	80	87	-	79	84	91	-	81	86	94	-	81	86	94	-							
		MBh	26.3	27.2	29.8	-	25.6	26.6	29.1	-	25.0	25.9	28.4	-	24.4	25.3	27.7	-	23.2	24.1	26.4	-	21.5	22.3	24.4	-	21.5	22.3	24.4	-							
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-	0.84	0.70	0.48	-							
		Delta T	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-	16	14	10	-							
	919	KW	1.79	1.82	1.88	-	1.92	1.96	2.02	-	2.03	2.08	2.14	-	2.13	2.18	2.25	-	2.22	2.27	2.34	-	2.30	2.35	2.42	-	2.30	2.35	2.42	-							
		AMPS	6.6	6.8	7.0	-	7.1	7.3	7.6	-	7.8	8.0	8.2	-	8.3	8.5	8.8	-	8.8	9.1	9.4	-	9.4	9.6	9.9	-	9.4	9.6	9.9	-							
		HI PR	149	160	169	-	167	180	190	-	190	205	216	-	216	233	246	-	244	262	277	-	269	290	306	-	269	290	306	-							
		LO PR	64	68	75	-	68	72	79	-	71	75	82	-	74	79	86	-	78	83	90	-	80	86	93	-	80	86	93	-							
		MBh	24.2	25.1	27.5	-	23.7	24.5	26.9	-	23.1	24.0	26.2	-	22.5	23.4	25.6	-	21.4	22.2	24.3	-	19.8	20.6	22.5	-	19.8	20.6	22.5	-							
	919	S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-	0.81	0.67	0.47	-							
		Delta T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	11	-	16	14	11	-							
		KW	1.75	1.78	1.83	-	1.87	1.91	1.97	-	1.98	2.03	2.09	-	2.08	2.13	2.19	-	2.17	2.21	2.28	-	2.24	2.29	2.36	-	2.24	2.29	2.36	-							
		AMPS	6.4	6.6	6.8	-	6.9	7.1	7.3	-	7.6	7.7	8.0	-	8.1	8.3	8.6	-	8.6	8.8	9.1	-	9.1	9.3	9.7	-	9.1	9.3	9.7	-							
		HI PR	144	155	164	-	162	174	184	-	184	198	209	-	210	226	239	-	236	254	268	-	261	281	297	-	261	281	297	-							
LO PR	62	66	73	-	66	70	77	-	69	73	80	-	72	77	84	-	75	80	88	-	78	83	91	-	78	83	91	-									

75	1181	MBh	27.5	28.3	30.7	32.9	26.9	27.7	29.9	32.1	26.2	27.0	29.2	31.4	25.6	26.3	28.5	30.6	24.3	25.0	27.1	29.1	22.5	23.2	25.1	26.9
		S/T	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43
		Delta T	19	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	17	16	13	9
		KW	1.81	1.85	1.91	1.97	1.95	1.99	2.05	2.11	2.07	2.11	2.17	2.24	2.17	2.22	2.29	2.36	2.26	2.31	2.38	2.46	2.33	2.38	2.46	2.54
		AMPS	6.7	6.9	7.1	7.4	7.3	7.5	7.7	8.0	7.9	8.1	8.4	8.7	8.5	8.7	9.0	9.3	9.0	9.2	9.6	9.9	9.6	9.8	10.1	10.5
	1050	HI PR	152	164	173	180	171	183	194	202	194	209	220	230	221	238	251	262	248	267	282	294	275	295	312	325
		LOPR	66	70	76	81	69	74	81	86	72	77	84	89	76	81	88	94	79	84	92	98	82	87	95	102
		MBh	26.7	27.5	29.8	31.9	26.1	26.9	29.1	31.2	25.5	26.2	28.4	30.5	24.8	25.6	27.7	29.7	23.6	24.3	26.3	28.2	21.9	22.5	24.4	26.1
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		Delta T	19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	19	18	15	10	18	17	14	9
919	1050	KW	1.80	1.84	1.89	1.95	1.93	1.97	2.03	2.10	2.05	2.09	2.16	2.23	2.15	2.20	2.27	2.34	2.24	2.29	2.36	2.44	2.32	2.37	2.44	2.52
		AMPS	6.7	6.8	7.0	7.3	7.2	7.4	7.6	7.9	7.8	8.0	8.3	8.6	8.4	8.6	8.9	9.2	8.9	9.2	9.5	9.8	9.5	9.7	10.0	10.4
		HI PR	150	162	171	178	169	182	192	200	192	207	218	228	219	235	248	259	246	265	280	292	272	293	309	322
		LOPR	65	69	76	80	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	87	94	101
		MBh	24.6	25.4	27.5	29.5	24.1	24.8	26.8	28.8	23.5	24.2	26.2	28.1	22.9	23.6	25.6	27.4	21.8	22.4	24.3	26.1	20.2	20.8	22.5	24.1
	919	S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40
		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	1.76	1.79	1.85	1.90	1.89	1.93	1.99	2.05	2.00	2.04	2.11	2.17	2.10	2.15	2.21	2.28	2.19	2.23	2.30	2.38	2.26	2.31	2.38	2.46
		AMPS	6.5	6.6	6.9	7.1	7.0	7.2	7.4	7.7	7.6	7.8	8.1	8.4	8.2	8.4	8.6	8.9	8.7	8.9	9.2	9.6	9.2	9.4	9.8	10.1
		HI PR	146	157	166	173	164	176	186	194	186	200	212	221	212	228	241	251	239	257	271	283	264	284	300	312
		LOPR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	85	90	76	81	89	94	79	84	92	98

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

COOLING PERFORMANCE DATA

GPC1330H*1*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GPC1330H21*

Outdoor Ambient Temperature																													
65					75					85					95					105					115				
IDB*	Airflow	Entering Indoor Wet Bulb Temperature																											
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
80	1181	MBh	28.0	28.6	30.6	32.7	27.3	27.9	29.8	31.9	26.7	27.3	29.1	31.1	26.0	26.6	28.4	30.4	24.7	25.3	27.0	28.9	22.9	23.4	25.0	26.7			
		S/T	0.95	0.89	0.73	0.54	1.00	0.93	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62			
		Delta T	21	20	17	14	21	20	17	14	21	20	18	14	20	21	18	14	19	20	17	14	18	18	16	13			
		KW	1.83	1.87	1.92	1.98	1.96	2.00	2.07	2.13	2.08	2.13	2.19	2.26	2.19	2.23	2.30	2.38	2.28	2.33	2.40	2.48	2.35	2.40	2.48	2.56			
		AMPS	6.8	6.9	7.2	7.5	7.3	7.5	7.8	8.1	8.0	8.2	8.5	8.8	8.5	8.8	9.1	9.4	9.1	9.3	9.6	10.0	9.7	9.9	10.2	10.6			
		HI PR	153	165	174	182	172	185	196	204	196	211	223	232	223	240	254	264	251	270	285	297	277	298	315	329			
		LO PR	66	71	77	82	70	75	81	87	73	78	85	90	77	81	89	95	80	85	93	99	83	88	96	103			
		MBh	27.2	27.8	29.7	31.7	26.5	27.1	29.0	31.0	25.9	26.5	28.3	30.2	25.3	25.8	27.6	29.5	24.0	24.5	26.2	28.0	22.2	22.7	24.3	26.0			
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.59			
		Delta T	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	14	19	21	18	14	19	19	17	14			
1050	KW	1.81	1.85	1.91	1.97	1.95	1.99	2.05	2.11	2.07	2.11	2.18	2.24	2.17	2.22	2.29	2.36	2.26	2.31	2.38	2.46	2.33	2.38	2.46	2.54				
	AMPS	6.7	6.9	7.1	7.4	7.3	7.5	7.7	8.0	7.9	8.1	8.4	8.7	8.5	8.7	9.0	9.3	9.0	9.2	9.6	9.9	9.6	9.8	10.1	10.5				
	HI PR	152	164	173	180	171	184	194	202	194	209	220	230	221	238	251	262	248	267	282	295	275	295	312	325				
	LO PR	66	70	76	81	69	74	81	86	72	77	84	89	76	81	88	94	79	84	92	98	82	87	95	102				
	MBh	25.1	25.6	27.4	29.3	24.5	25.0	26.7	28.6	23.9	24.4	26.1	27.9	23.3	23.8	25.5	27.2	22.2	22.7	24.2	25.9	20.5	21.0	22.4	24.0				
	S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.77	0.57				
919	Delta T	22	21	18	15	22	21	19	15	22	21	19	15	22	21	19	15	22	21	18	15	21	20	17	14				
	KW	1.77	1.81	1.86	1.92	1.90	1.94	2.00	2.06	2.02	2.06	2.12	2.19	2.12	2.16	2.23	2.30	2.20	2.25	2.32	2.40	2.28	2.33	2.40	2.48				
	AMPS	6.5	6.7	6.9	7.2	7.1	7.2	7.5	7.8	7.7	7.9	8.1	8.5	8.2	8.4	8.7	9.1	8.8	9.0	9.3	9.6	9.3	9.5	9.9	10.2				
	HI PR	147	159	168	175	165	178	188	196	188	202	214	223	214	231	243	254	241	259	274	286	266	287	303	316				
	LO PR	64	68	74	79	67	72	78	83	70	74	81	87	73	78	85	91	77	82	89	95	80	85	93	99				
	MBh	25.1	25.6	27.4	29.3	24.5	25.0	26.7	28.6	23.9	24.4	26.1	27.9	23.3	23.8	25.5	27.2	22.2	22.7	24.2	25.9	20.5	21.0	22.4	24.0				
	S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.77	0.57				
	Delta T	22	21	18	15	22	21	19	15	22	21	19	15	22	21	19	15	22	21	18	15	21	20	17	14				
	KW	1.77	1.81	1.86	1.92	1.90	1.94	2.00	2.06	2.02	2.06	2.12	2.19	2.12	2.16	2.23	2.30	2.20	2.25	2.32	2.40	2.28	2.33	2.40	2.48				
	AMPS	6.5	6.7	6.9	7.2	7.1	7.2	7.5	7.8	7.7	7.9	8.1	8.5	8.2	8.4	8.7	9.1	8.8	9.0	9.3	9.6	9.3	9.5	9.9	10.2				
85	1181	HI PR	147	159	168	175	165	178	188	196	188	202	214	223	214	231	243	254	241	259	274	286	266	287	303	316			
		LO PR	64	68	74	79	67	72	78	83	70	74	81	87	73	78	85	91	77	82	89	95	80	85	93	99			
		MBh	28.5	29.0	30.4	32.4	27.8	28.4	29.7	31.7	27.2	27.7	29.0	30.9	26.5	27.0	28.3	30.2	25.2	25.7	26.9	28.7	23.3	23.8	24.9	26.6			
		S/T	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.81			
		Delta T	22	22	21	18	22	22	21	18	21	22	21	18	21	21	21	18	20	20	21	18	18	18	19	17			
		KW	1.84	1.88	1.94	2.00	1.98	2.02	2.08	2.15	2.10	2.14	2.21	2.28	2.20	2.25	2.32	2.40	2.29	2.34	2.42	2.50	2.37	2.42	2.50	2.59			
		AMPS	6.8	7.0	7.2	7.5	7.4	7.6	7.8	8.1	8.1	8.3	8.5	8.9	8.6	8.8	9.1	9.5	9.2	9.4	9.7	10.1	9.7	10.0	10.3	10.7			
		HI PR	155	167	176	184	174	187	198	206	198	213	225	234	225	242	256	267	253	273	288	300	280	301	318	332			
		LO PR	67	71	78	83	71	75	82	88	74	78	85	91	77	82	90	96	81	86	94	100	84	89	97	104			
		1050	1181	MBh	27.7	28.2	29.5	31.5	27.0	27.5	28.8	30.8	26.4	26.9	28.1	30.0	25.7	26.2	27.5	29.3	24.4	24.9	26.1	27.8	22.6	23.1	24.2	25.8	
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	23			23	21	19	23	23	22	19	23	23	22	19	23	23	22	19	21	22	22	19	20	20	20	17			
KW	1.83			1.87	1.92	1.98	1.96	2.00	2.07	2.13	2.08	2.13	2.19	2.26	2.19	2.23	2.30	2.38	2.28	2.33	2.40	2.48	2.35	2.40	2.48	2.56			
AMPS	6.8			6.9	7.2	7.5	7.3	7.5	7.8	8.1	8.0	8.2	8.5	8.8	8.5	8.8	9.1	9.4	9.1	9.3	9.6	10.0	9.7	9.9	10.2	10.6			
HI PR	153			165	174	182	172	185	196	204	196	211	223	232	223	240	254	264	251	270	285	297	277	298	315	329			
LO PR	66			71	77	82	70	75	81	87	73	78	85	90	77	81	89	95	80	85	93	99	83	88	96	103			
MBh	25.5			26.0	27.2	29.1	24.9	25.4	26.6	28.4	24.3	24.8	26.0	27.7	23.7	24.2	25.3	27.0	22.6	23.0	24.1	25.7	20.9	21.3	22.3	23.8			
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	0.74			
Delta T	23			23	22	19	24	23	22	19	24	23	22	19	24	24	22	19	23	23	22	19	21	21	20	18			
919	KW	1.79	1.82	1.88	1.93	1.92	1.96	2.02	2.08	2.03	2.07	2.14	2.21	2.13	2.18	2.25	2.32	2.22	2.27	2.34	2.42	2.30	2.35	2.42	2.50				
	AMPS	6.6	6.8	7.0	7.2	7.1	7.3	7.6	7.8	7.8	8.0	8.2	8.5	8.3	8.5	8.8	9.1	8.8	9.1	9.4	9.7	9.4	9.6	9.9	10.3				
	HI PR	149	160	169	176	167	180	190	198	190	204	216	225	216	233	246	256	243	262	277	289	269	289	306	319				
	LO PR	64	68	75	80	68	72	79	84	71	75	82	87	74	79	86	92	78	83	90	96	80	86	93	100				
	MBh	25.1	25.6	27.4	29.3	24.5	25.0	26.7	28.6	23.9	24.4	26.1	27.9	23.3	23.8	25.5	27.2	22.2	22.7	24.2	25.9	20.5	21.0	22.4	24.0				
	S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.77	0.57				

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GPC1336H21*

		Outdoor Ambient Temperature																															
		65				75				85				95				105				115											
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
	1457	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	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-							
		Delta T	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	13	10	-							
		KW	2.19	2.24	2.31	-	2.36	2.41	2.49	-	2.51	2.57	2.65	-	2.64	2.70	2.79	-	2.76	2.82	2.91	-	2.85	2.92	3.02	-							
		AMPS	9.1	9.3	9.7	-	9.9	10.1	10.5	-	10.8	11.1	11.4	-	11.5	11.8	12.2	-	12.3	12.6	13.1	-	13.1	13.4	13.9	-							
		HI PR	152	163	172	-	170	183	193	-	193	208	220	-	220	237	250	-	248	267	282	-	274	295	311	-							
		LOPR	65	69	76	-	69	73	80	-	71	76	83	-	75	80	87	-	79	84	91	-	81	86	94	-							
	1295	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	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	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	2.17	2.22	2.29	-	2.34	2.39	2.47	-	2.49	2.55	2.63	-	2.62	2.68	2.77	-	2.73	2.79	2.89	-	2.83	2.89	2.99	-							
		AMPS	9.0	9.3	9.6	-	9.8	10.0	10.4	-	10.7	10.9	11.3	-	11.4	11.7	12.1	-	12.2	12.5	12.9	-	13.0	13.3	13.7	-							
		HI PR	150	162	171	-	168	181	191	-	192	206	218	-	218	235	248	-	245	264	279	-	271	292	308	-							
		LOPR	64	68	75	-	68	72	79	-	71	75	82	-	74	79	86	-	78	83	90	-	80	86	93	-							
	1133	MBh	30.4	31.5	34.5	-	29.7	30.8	33.7	-	29.0	30.0	32.9	-	28.3	29.3	32.1	-	26.9	27.8	30.5	-	24.9	25.8	28.2	-							
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-							
		Delta T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	11	-							
		KW	2.12	2.17	2.23	-	2.28	2.33	2.41	-	2.43	2.48	2.56	-	2.56	2.61	2.70	-	2.66	2.72	2.81	-	2.76	2.82	2.91	-							
		AMPS	8.8	9.0	9.3	-	9.5	9.8	10.1	-	10.4	10.6	11.0	-	11.1	11.4	11.8	-	11.9	12.2	12.6	-	12.6	12.9	13.3	-							
		HI PR	146	157	165	-	163	176	186	-	186	200	211	-	212	228	241	-	238	256	271	-	263	283	299	-							
		LOPR	62	66	73	-	66	70	77	-	69	73	80	-	72	77	84	-	75	80	88	-	78	83	91	-							

* Entering Indoor Dry Bulb Temperature

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

NOTE: Shaded area is ACCA (TVA) conditions

GPC1336H*1*

COOLING PERFORMANCE DATA

GPC1336H*1*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GPC1336H21*

		Outdoor Ambient Temperature																													
		65					75					85					95					105					115				
IDB*	Airflow	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71
80	1457	MBh	35.1	35.9	38.3	41.0	34.3	35.0	37.4	40.0	33.5	34.2	36.5	39.0	32.6	33.4	35.6	38.1	31.0	31.7	33.9	36.2	28.7	29.4	31.4	33.5	28.7	29.4	31.4	33.5	33.5
		S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62	1.00	1.00	0.82	0.61	0.62
		Delta T	21	20	17	14	22	20	18	14	21	20	18	14	21	20	18	14	20	20	17	14	18	19	16	13	18	19	16	13	13
		KW	2.23	2.27	2.35	2.42	2.40	2.45	2.53	2.62	2.55	2.61	2.70	2.79	2.69	2.75	2.84	2.94	2.80	2.87	2.96	3.06	2.90	2.97	3.07	3.17	2.90	2.97	3.07	3.17	3.17
		AMPS	9.3	9.5	9.9	10.2	10.1	10.3	10.7	11.1	11.0	11.3	11.7	12.1	11.8	12.1	12.5	13.0	12.6	12.9	13.3	13.8	13.3	13.7	14.1	14.7	13.3	13.7	14.1	14.7	14.7
	1295	HI PR	155	166	176	183	174	187	197	206	197	212	224	234	225	242	256	267	253	272	287	300	280	301	318	331	280	301	318	331	331
		LOPR	66	71	77	82	70	75	81	87	73	78	85	90	77	81	89	95	80	85	93	99	83	88	96	103	83	88	96	103	103
		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	32.5
		S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59	1.00	0.96	0.78	0.59	0.59
		Delta T	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	21	21	18	15	20	20	17	14	20	20	17	14	14
1133	1295	KW	2.21	2.26	2.33	2.40	2.38	2.43	2.51	2.59	2.53	2.59	2.67	2.76	2.67	2.73	2.82	2.91	2.78	2.84	2.94	3.04	2.88	2.94	3.04	3.15	2.88	2.94	3.04	3.15	3.15
		AMPS	9.2	9.4	9.8	10.1	10.0	10.2	10.6	11.0	10.9	11.2	11.5	12.0	11.7	12.0	12.4	12.9	12.4	12.8	13.2	13.7	13.2	13.5	14.0	14.6	13.2	13.5	14.0	14.6	14.6
		HI PR	153	165	174	182	172	185	195	204	195	210	222	232	223	240	253	264	250	270	285	297	277	298	314	328	277	298	314	328	328
		LOPR	66	70	76	81	69	74	81	86	72	77	84	89	76	81	88	94	79	84	92	98	82	87	95	102	82	87	95	102	102
		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	30.0
	1133	S/T	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57	0.99	0.93	0.76	0.57	0.57
		Delta T	22	21	18	15	22	21	19	15	22	21	19	15	22	22	19	15	22	21	18	15	21	20	17	14	21	20	17	14	14
		KW	2.16	2.20	2.27	2.34	2.32	2.37	2.45	2.53	2.47	2.52	2.61	2.69	2.60	2.66	2.74	2.84	2.71	2.77	2.86	2.96	2.80	2.87	2.96	3.07	2.80	2.87	2.96	3.07	3.07
		AMPS	9.0	9.2	9.5	9.9	9.7	9.9	10.3	10.7	10.6	10.8	11.2	11.7	11.3	11.6	12.0	12.5	12.1	12.4	12.8	13.3	12.8	13.2	13.6	14.1	12.8	13.2	13.6	14.1	14.1
		HI PR	149	160	169	176	167	179	189	198	190	204	215	225	216	232	245	256	243	261	276	288	268	289	305	318	268	289	305	318	318
	LOPR	64	68	74	79	67	72	78	83	70	74	81	87	73	78	85	91	77	82	89	95	80	85	93	99	80	85	93	99	99	

1457	MBh	35.7	36.4	38.1	40.7	34.9	35.6	37.2	39.7	34.0	34.7	36.3	38.8	33.2	33.9	35.5	37.8	31.6	32.2	33.7	35.9	29.2	29.8	31.2	33.3
	S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80
	Delta T	22	22	21	18	22	22	21	18	21	22	21	18	21	21	21	18	20	20	21	18	18	19	19	17
	KW	2.24	2.29	2.37	2.44	2.42	2.47	2.55	2.64	2.57	2.63	2.72	2.81	2.71	2.77	2.86	2.96	2.83	2.89	2.99	3.09	2.93	2.99	3.09	3.20
	AMPS	9.4	9.6	9.9	10.3	10.2	10.4	10.8	11.2	11.1	11.4	11.8	12.2	11.9	12.2	12.6	13.1	12.7	13.0	13.4	14.0	13.5	13.8	14.3	14.8
	HI PR	156	168	178	185	175	189	199	208	199	215	227	236	227	244	258	269	256	275	290	303	282	304	321	335
	LOPR	67	71	78	83	71	75	82	88	74	78	85	91	77	82	90	96	81	86	94	100	84	89	97	104
	MBh	34.7	35.3	37.0	39.5	33.9	34.5	36.1	38.6	33.1	33.7	35.3	37.6	32.2	32.9	34.4	36.7	30.6	31.2	32.7	34.9	28.4	28.9	30.3	32.3
	S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
	Delta T	23	23	21	19	23	23	22	19	23	23	22	19	23	23	22	19	22	22	22	19	20	21	20	17
1295	KW	2.23	2.27	2.35	2.42	2.40	2.45	2.53	2.62	2.55	2.61	2.70	2.79	2.69	2.75	2.84	2.94	2.80	2.87	2.96	3.06	2.90	2.97	3.07	3.17
	AMPS	9.3	9.5	9.9	10.2	10.1	10.3	10.7	11.1	11.0	11.3	11.7	12.1	11.8	12.1	12.5	13.0	12.6	12.9	13.3	13.8	13.3	13.7	14.1	14.7
	HI PR	155	166	176	183	174	187	197	206	197	212	224	234	225	242	256	267	253	272	287	300	280	301	318	331
	LOPR	66	71	77	82	70	75	81	87	73	78	85	90	77	81	89	95	80	85	93	99	83	88	96	103
	MBh	32.0	32.6	34.2	36.4	31.3	31.9	33.4	35.6	30.5	31.1	32.6	34.7	29.8	30.3	31.8	33.9	28.3	28.8	30.2	32.2	26.2	26.7	28.0	29.8
	S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73
	Delta T	24	23	22	19	24	23	22	19	24	23	22	19	24	24	22	19	23	23	22	19	21	22	21	18
	KW	2.17	2.22	2.29	2.36	2.34	2.39	2.47	2.55	2.49	2.54	2.63	2.72	2.62	2.68	2.77	2.86	2.73	2.79	2.89	2.98	2.83	2.89	2.99	3.09
	AMPS	9.0	9.3	9.6	9.9	9.8	10.0	10.4	10.8	10.7	10.9	11.3	11.8	11.4	11.7	12.1	12.6	12.2	12.5	12.9	13.4	12.9	13.3	13.7	14.3
	HI PR	150	161	171	178	168	181	191	200	192	206	218	227	218	235	248	259	245	264	279	291	271	292	308	321
LOPR	64	68	75	80	68	72	79	84	71	75	82	87	74	79	86	92	78	83	90	96	80	86	93	100	

* Entering Indoor Dry Bulb Temperature

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GPC1342H21*

		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
		Entering Indoor Wet Bulb Temperature																																			
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
	1575	MBh	41.0	42.5	46.5	-	40.0	41.5	45.4	-	39.1	40.5	44.4	-	38.1	39.5	43.3	-	36.2	37.5	41.1	-	33.5	34.8	38.1	-											
		S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-											
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-											
		KW	2.63	2.69	2.78	-	2.85	2.91	3.01	-	3.03	3.10	3.21	-	3.20	3.27	3.39	-	3.34	3.42	3.54	-	3.46	3.54	3.67	-											
		AMPS	10.7	11.0	11.4	-	11.6	11.9	12.3	-	12.7	13.0	13.5	-	13.6	13.9	14.4	-	14.5	14.9	15.4	-	15.4	15.8	16.4	-											
		HI PR	156	168	177	-	175	188	199	-	199	214	226	-	226	244	257	-	255	274	290	-	281	303	320	-											
		LO PR	66	70	76	-	69	74	81	-	72	77	84	-	76	81	88	-	79	85	92	-	82	87	95	-											
70	1400	MBh	39.8	41.2	45.2	-	38.8	40.3	44.1	-	37.9	39.3	43.1	-	37.0	38.3	42.0	-	35.1	36.4	39.9	-	32.6	33.7	37.0	-											
		S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-											
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-											
		KW	2.61	2.67	2.76	-	2.82	2.89	2.98	-	3.01	3.08	3.18	-	3.17	3.25	3.36	-	3.31	3.39	3.51	-	3.43	3.51	3.63	-											
		AMPS	10.6	10.9	11.3	-	11.5	11.8	12.2	-	12.6	12.9	13.3	-	13.5	13.8	14.3	-	14.4	14.7	15.3	-	15.3	15.7	16.2	-											
		HI PR	154	166	175	-	173	186	197	-	197	212	224	-	224	241	255	-	252	271	287	-	279	300	317	-											
		LO PR	65	69	76	-	69	73	80	-	71	76	83	-	75	80	87	-	79	84	91	-	81	87	95	-											
	1225	MBh	36.7	38.0	41.7	-	35.9	37.2	40.7	-	35.0	36.3	39.7	-	34.1	35.4	38.8	-	32.4	33.6	36.8	-	30.0	31.1	34.1	-											
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-											
		Delta T	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-											
		KW	2.55	2.60	2.69	-	2.75	2.81	2.91	-	2.93	3.00	3.10	-	3.09	3.16	3.27	-	3.23	3.30	3.41	-	3.34	3.42	3.54	-											
		AMPS	10.3	10.6	10.9	-	11.2	11.5	11.9	-	12.2	12.5	12.9	-	13.1	13.4	13.9	-	14.0	14.3	14.8	-	14.8	15.2	15.7	-											
		HI PR	150	161	170	-	168	181	191	-	191	206	217	-	217	234	247	-	245	263	278	-	270	291	307	-											
		LO PR	63	67	73	-	67	71	77	-	69	74	81	-	73	77	85	-	76	81	89	-	79	84	92	-											

COOLING PERFORMANCE DATA

GPC1342H*1*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GPC1342H21*

		Outdoor Ambient Temperature										105										115									
		85										95																			
		75										Entering Indoor Wet Bulb Temperature																			
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	1575	MBh	42.4	43.3	46.3	49.5	41.4	42.3	45.2	48.3	40.4	41.3	44.1	47.2	39.4	40.3	43.1	46.0	37.5	38.3	40.9	43.7	34.7	35.5	37.9	40.5	34.7	35.5	37.9	40.5	
		S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62	1.00	1.00	0.82	0.62	
		Delta T	23	22	19	15	24	23	20	16	24	23	20	16	23	23	20	16	22	22	19	16	20	21	18	15	20	21	18	15	
		KW	2.68	2.74	2.83	2.92	2.90	2.96	3.06	3.17	3.09	3.16	3.27	3.38	3.26	3.33	3.45	3.57	3.40	3.48	3.60	3.73	3.52	3.61	3.73	3.86	3.52	3.61	3.73	3.86	
		AMPS	10.9	11.2	11.6	12.0	11.9	12.2	12.6	13.1	12.9	13.3	13.7	14.3	13.9	14.2	14.7	15.3	14.8	15.2	15.7	16.3	15.7	16.1	16.7	17.3	15.7	16.1	16.7	17.3	
	1400	HI PR	159	171	181	188	178	192	203	211	203	218	231	240	231	249	263	274	260	280	295	308	287	309	326	340	287	309	326	340	
		LO PR	67	71	78	83	71	75	82	88	74	78	86	91	77	82	90	96	81	86	94	100	84	89	97	104	84	89	97	104	
		MBh	41.2	42.1	44.9	48.0	40.2	41.1	43.9	46.9	39.2	40.1	42.8	45.8	38.3	39.1	41.8	44.7	36.4	37.2	39.7	42.4	33.7	34.4	36.8	39.3	33.7	34.4	36.8	39.3	
		S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59	1.00	0.96	0.78	0.59	
		Delta T	24	23	20	16	25	23	20	16	25	24	20	16	25	24	21	16	24	23	20	16	22	22	19	15	22	22	19	15	
1225	1400	KW	2.66	2.72	2.81	2.90	2.87	2.94	3.03	3.14	3.06	3.13	3.24	3.35	3.23	3.30	3.42	3.54	3.37	3.45	3.57	3.69	3.49	3.58	3.70	3.83	3.49	3.58	3.70	3.83	
		AMPS	10.8	11.1	11.5	11.9	11.7	12.0	12.5	12.9	12.8	13.1	13.6	14.1	13.7	14.1	14.6	15.1	14.7	15.0	15.6	16.2	15.6	16.0	16.5	17.2	15.6	16.0	16.5	17.2	
		HI PR	157	169	179	187	177	190	201	209	201	216	228	238	229	246	260	271	257	277	293	305	284	306	323	337	284	306	323	337	
		LO PR	66	71	77	82	70	75	82	87	73	78	85	90	77	82	89	95	80	85	93	99	83	88	96	103	83	88	96	103	
	1225	MBh	38.0	38.8	41.5	44.3	37.1	37.9	40.5	43.3	36.2	37.0	39.5	42.3	35.3	36.1	38.6	41.2	33.6	34.3	36.7	39.2	31.1	31.8	34.0	36.3	31.1	31.8	34.0	36.3	
		S/T	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57	0.99	0.93	0.76	0.57	
		Delta T	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	22	19	15	23	22	19	15	
		KW	2.59	2.65	2.73	2.83	2.80	2.86	2.96	3.06	2.98	3.05	3.15	3.26	3.14	3.22	3.33	3.44	3.28	3.36	3.47	3.60	3.40	3.48	3.60	3.73	3.40	3.48	3.60	3.73	
		AMPS	10.5	10.8	11.1	11.6	11.4	11.7	12.1	12.6	12.4	12.8	13.2	13.7	13.3	13.7	14.2	14.7	14.2	14.6	15.1	15.7	15.1	15.5	16.0	16.7	15.1	15.5	16.0	16.7	
HI PR	153	164	174	181	171	184	195	203	195	210	221	231	222	239	252	263	250	269	284	296	276	297	313	327	276	297	313	327			
LO PR	64	69	75	80	68	72	79	84	71	75	82	88	74	79	86	92	78	83	90	96	81	86	94	100	81	86	94	100			

COOLING OPERATION

MODEL: GPC1348H21A*

1800	MBh	47.4	48.8	52.9	56.7	46.3	47.7	51.6	55.4	45.2	46.6	50.4	54.1	44.1	45.4	49.2	52.8	41.9	43.2	46.7	50.1	38.8	40.0	43.3	46.4
	S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43
	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	2.75	2.81	2.90	3.00	2.97	3.04	3.14	3.25	3.17	3.24	3.35	3.47	3.34	3.42	3.54	3.66	3.49	3.57	3.69	3.82	3.62	3.70	3.83	3.97
	AMPS	11.0	11.2	11.6	12.1	11.9	12.2	12.6	13.1	13.0	13.3	13.8	14.3	13.9	14.3	14.8	15.4	14.9	15.2	15.8	16.4	15.8	16.2	16.7	17.4
	HI PR	151	163	172	179	170	183	193	201	193	208	219	229	220	237	250	261	247	266	281	293	273	294	311	324
	LO PR	66	71	77	82	70	75	82	87	73	78	85	90	77	82	89	95	80	85	93	99	83	88	96	103
1600	MBh	46.1	47.4	51.3	55.1	45.0	46.3	50.1	53.8	43.9	45.2	48.9	52.5	42.8	44.1	47.7	51.2	40.7	41.9	45.4	48.7	37.7	38.8	42.0	45.1
	S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
	Delta T	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	11	22	20	16	11	20	19	15	11
	KW	2.72	2.78	2.88	2.97	2.94	3.01	3.11	3.22	3.14	3.21	3.32	3.44	3.31	3.39	3.51	3.63	3.46	3.54	3.66	3.79	3.58	3.67	3.80	3.93
	AMPS	10.9	11.1	11.5	12.0	11.8	12.1	12.5	13.0	12.9	13.2	13.6	14.2	13.8	14.1	14.6	15.2	14.7	15.1	15.6	16.2	15.6	16.0	16.6	17.2
	HI PR	150	161	170	178	168	181	191	199	191	206	217	227	218	234	248	258	245	264	278	290	271	291	308	321
	LO PR	66	70	76	81	69	74	81	86	72	77	84	89	76	81	88	94	80	85	92	98	82	87	96	102
1400	MBh	42.5	43.8	47.4	50.8	41.5	42.7	46.3	49.7	40.5	41.7	45.2	48.5	39.5	40.7	44.1	47.3	37.6	38.7	41.9	44.9	34.8	35.8	38.8	41.6
	S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
	Delta T	22	20	17	11	22	20	17	12	22	21	17	12	22	21	17	12	22	20	17	12	21	19	16	11
	KW	2.65	2.71	2.80	2.90	2.87	2.93	3.03	3.14	3.06	3.13	3.23	3.35	3.23	3.30	3.41	3.53	3.37	3.45	3.56	3.69	3.49	3.57	3.70	3.83
	AMPS	10.6	10.8	11.2	11.6	11.5	11.7	12.1	12.6	12.5	12.8	13.3	13.8	13.4	13.7	14.2	14.8	14.3	14.7	15.2	15.8	15.2	15.6	16.1	16.7
	HI PR	145	156	165	172	163	176	185	193	185	200	211	220	211	227	240	250	238	256	270	282	263	283	298	311
	LO PR	64	68	74	79	67	72	78	83	70	75	81	87	74	78	85	91	77	82	90	95	80	85	93	99

* Entering Indoor Dry Bulb Temperature

COOLING PERFORMANCE DATA

GPC1348H*1*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GPC1348H21A*

		Outdoor Ambient Temperature																													
		65					75					85					95					105					115				
IDB*	Airflow	Entering Indoor/Wet Bulb Temperature																													
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
80	1800	MBh	48.3	49.3	52.7	56.3	47.2	48.2	51.5	55.0	46.0	47.0	50.3	53.7	44.9	45.9	49.0	52.4	42.7	43.6	46.6	49.8	39.5	40.4	43.1	46.1	46.1	39.5	40.4	43.1	46.1
		S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	0.57	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62
		Delta T	23	22	19	15	24	22	20	16	16	24	22	20	16	23	23	20	16	22	22	19	16	20	21	18	14	20	21	18	14
		KW	2.77	2.83	2.93	3.02	2.99	3.06	3.17	3.28	3.19	3.27	3.38	3.50	3.37	3.45	3.57	3.69	3.52	3.60	3.73	3.86	3.65	3.73	3.86	4.00	3.86	3.65	3.73	3.86	4.00
		AMPS	11.1	11.4	11.7	12.2	12.0	12.3	12.7	13.2	13.1	13.4	13.9	14.5	14.1	14.4	14.9	15.5	15.0	15.4	15.9	16.5	15.9	16.3	16.9	17.6	16.9	15.9	16.3	16.9	17.6
	1600	HI PR	153	165	174	181	172	185	195	203	195	210	222	231	222	239	253	263	250	269	284	296	276	297	314	327	276	297	314	327	327
		LOPR	67	71	78	83	71	75	82	88	74	78	86	91	77	82	90	96	81	86	94	100	84	89	97	104	84	89	97	104	104
		MBh	46.9	47.9	51.2	54.7	45.8	46.8	50.0	53.4	44.7	45.7	48.8	52.2	43.6	44.6	47.6	50.9	41.4	42.3	45.2	48.3	38.4	39.2	41.9	44.8	38.4	39.2	41.9	44.8	44.8
		S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.58	0.59
		Delta T	24	23	20	16	24	23	20	16	16	24	23	20	16	25	24	21	16	24	23	20	16	22	22	19	15	22	22	19	15
1400	1600	KW	2.75	2.81	2.90	3.00	2.97	3.04	3.14	3.25	3.17	3.24	3.35	3.47	3.34	3.42	3.54	3.66	3.49	3.57	3.69	3.82	3.62	3.70	3.83	3.97	3.82	3.62	3.70	3.83	3.97
		AMPS	11.0	11.2	11.6	12.1	11.9	12.2	12.6	13.1	13.0	13.3	13.8	14.3	13.9	14.3	14.8	15.4	14.9	15.2	15.8	16.4	15.8	16.2	16.7	17.4	16.7	15.8	16.2	16.7	17.4
		HI PR	151	163	172	179	170	183	193	201	193	208	220	229	220	237	250	261	248	266	281	293	273	294	311	324	273	294	311	324	324
		LOPR	66	71	77	82	70	75	82	87	73	78	85	90	77	82	89	95	80	85	93	99	83	88	96	103	83	88	96	103	103
		MBh	43.3	44.2	47.2	50.5	42.3	43.2	46.1	49.3	41.3	42.2	45.0	48.1	40.2	41.1	43.9	47.0	38.2	39.1	41.7	44.6	35.4	36.2	38.7	41.3	35.4	36.2	38.7	41.3	41.3
	1400	S/T	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57	0.99	0.93	0.76	0.57	0.57
		Delta T	25	24	20	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	22	19	15	23	22	19	15	15
		KW	2.68	2.74	2.83	2.92	2.89	2.96	3.06	3.16	3.08	3.16	3.26	3.38	3.25	3.33	3.44	3.56	3.40	3.48	3.60	3.72	3.52	3.60	3.73	3.86	3.86	3.52	3.60	3.73	3.86
		AMPS	10.7	10.9	11.3	11.7	11.6	11.9	12.3	12.7	12.6	12.9	13.4	13.9	13.5	13.9	14.3	14.9	14.4	14.8	15.3	15.9	15.3	15.7	16.3	16.9	16.9	15.3	15.7	16.3	16.9
		HI PR	147	158	167	174	165	177	187	195	187	202	213	222	213	230	243	253	240	258	273	285	265	285	301	314	265	285	301	314	314
		LOPR	64	69	75	80	68	72	79	84	71	75	82	88	74	79	86	92	78	83	90	96	81	86	94	100	81	86	94	100	100

85	1800	MBh	49.1	50.1	52.4	55.9	48.0	48.9	51.2	54.6	46.8	47.7	50.0	53.3	45.7	46.6	48.8	52.0	43.4	44.2	46.3	49.4	40.2	41.0	42.9	45.8	
		S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.94	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80	
		Delta T	25	24	23	20	25	25	23	20	20	24	24	23	20	23	24	23	20	22	23	23	20	21	21	22	19
		KW	2.79	2.85	2.95	3.05	3.02	3.09	3.19	3.30	3.30	3.22	3.30	3.41	3.53	3.40	3.48	3.60	3.72	3.55	3.63	3.76	3.89	3.68	3.77	3.90	4.04
		AMPS	11.2	11.5	11.9	12.3	12.1	12.4	12.9	13.4	13.4	13.2	13.6	14.0	14.6	14.2	14.5	15.1	15.6	15.1	15.5	16.1	16.7	16.1	16.5	17.1	17.7
	1600	HI PR	154	166	175	183	173	186	197	205	205	197	212	224	234	224	242	255	266	252	272	287	299	279	300	317	331
		LOPR	68	72	79	84	72	76	83	89	74	79	86	92	78	83	91	97	82	87	95	101	85	90	98	105	
		MBh	47.7	48.6	50.9	54.3	46.6	47.5	49.7	53.1	45.5	46.4	48.5	51.8	44.4	45.2	47.4	50.5	42.1	43.0	45.0	48.0	39.0	39.8	41.7	44.5	
		S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76	
		Delta T	26	25	24	21	26	26	24	21	26	26	24	21	25	26	24	21	24	25	24	21	22	23	22	19	
1400	KW	2.77	2.83	2.93	3.02	2.99	3.06	3.17	3.28	3.19	3.27	3.38	3.50	3.37	3.45	3.57	3.69	3.52	3.60	3.73	3.86	3.65	3.73	3.86	4.00		
	AMPS	11.1	11.4	11.7	12.2	12.0	12.3	12.7	13.2	13.1	13.4	13.9	14.5	14.1	14.4	14.9	15.5	15.0	15.4	15.9	16.5	15.9	16.3	16.9	17.6		
	HI PR	153	165	174	181	172	185	195	203	195	210	222	231	222	239	253	263	250	269	284	296	276	297	314	327		
	LOPR	67	71	78	83	71	75	82	88	74	78	86	91	77	82	90	96	81	86	94	100	84	89	97	104		
	MBh	44.0	44.9	47.0	50.1	43.0	43.8	45.9	49.0	42.0	42.8	44.8	47.8	40.9	41.7	43.7	46.6	38.9	39.7	41.5	44.3	36.0	36.7	38.5	41.0		
S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73			
Delta T	26	26	24	21	26	26	25	21	27	26	25	21	27	26	25	21	26	26	24	21	24	24	23	20			
KW	2.70	2.76	2.85	2.95	2.92	2.98	3.08	3.19	3.11	3.18	3.29	3.41	3.28	3.36	3.47	3.59	3.43	3.51	3.63	3.76	3.55	3.64	3.76	3.89			
AMPS	10.8	11.0	11.4	11.9	11.7	12.0	12.4	12.9	12.7	13.1	13.5	14.0	13.6	14.0	14.5	15.1	14.6	14.9	15.5	16.1	15.5	15.9	16.4	17.1			
HI PR	148	160	169	176	166	179	189	197	189	204	215	224	216	232	245	255	242	261	276	287	268	288	304	318			
LOPR	65	69	76	81	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	87	95	101			

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GPC1360H21A*

		Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
		Entering Indoor Wet Bulb Temperature																								
	2250	MBh	57.8	59.9	65.7	-	56.5	58.5	64.1	-	55.1	57.1	62.6	-	53.8	55.7	61.1	-	51.1	53.0	58.0	-	47.3	49.1	53.7	-
		S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-
		Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		KW	3.53	3.61	3.73	-	3.82	3.91	4.05	-	4.09	4.19	4.33	-	4.32	4.43	4.58	-	4.52	4.63	4.79	-	4.69	4.80	4.98	-
		AMPS	13.7	14.0	14.5	-	14.9	15.2	15.8	-	16.2	16.6	17.2	-	17.4	17.9	18.5	-	18.6	19.1	19.7	-	19.8	20.3	21.0	-
	2000	HI PR	156	168	177	-	175	188	199	-	199	214	226	-	226	244	257	-	255	274	290	-	281	303	320	-
		LO PR	65	69	76	-	69	73	80	-	71	76	83	-	75	80	87	-	79	84	91	-	81	86	94	-
		MBh	56.1	58.2	63.7	-	54.8	56.8	62.3	-	53.5	55.5	60.8	-	52.2	54.1	59.3	-	49.6	51.4	56.3	-	45.9	47.6	52.2	-
		S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
	1750	KW	3.49	3.58	3.70	-	3.79	3.88	4.02	-	4.05	4.15	4.30	-	4.28	4.39	4.54	-	4.48	4.59	4.75	-	4.65	4.76	4.93	-
		AMPS	13.6	13.9	14.4	-	14.7	15.1	15.6	-	16.1	16.5	17.1	-	17.2	17.7	18.3	-	18.4	18.9	19.5	-	19.6	20.1	20.8	-
		HI PR	154	166	175	-	173	186	197	-	197	212	224	-	224	241	255	-	252	271	287	-	279	300	317	-
		LO PR	64	68	75	-	68	72	79	-	71	75	82	-	74	79	86	-	78	83	90	-	80	86	93	-
		MBh	51.8	53.7	58.8	-	50.6	52.4	57.5	-	49.4	51.2	56.1	-	48.2	50.0	54.7	-	45.8	47.5	52.0	-	42.4	44.0	48.2	-
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-
		Delta T	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-
		KW	3.40	3.48	3.60	-	3.69	3.78	3.91	-	3.94	4.04	4.18	-	4.17	4.27	4.42	-	4.36	4.46	4.62	-	4.52	4.63	4.80	-
		AMPS	13.2	13.5	14.0	-	14.3	14.7	15.2	-	15.6	16.0	16.6	-	16.7	17.2	17.8	-	17.9	18.3	19.0	-	19.0	19.5	20.2	-
		HI PR	150	161	170	-	168	181	191	-	191	206	217	-	217	234	247	-	245	263	278	-	270	291	307	-
		LO PR	62	66	73	-	66	70	77	-	69	73	80	-	72	77	84	-	75	80	88	-	78	83	91	-

GPC1360H*1*

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

GPC1360H*1*

COOLING OPERATION

MODEL: GPC1360H21A*

NOTE: Shaded area is A HRI Rating Conditions

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

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GPC1336M21A*

IDB* Airflow		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
		Entering Indoor Wet Bulb Temperature																																			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
1378	MBh		34.3	35.5	38.9	-	33.5	34.7	38.0	-	32.7	33.9	37.1	-	31.9	33.1	36.2	-	30.3	31.4	34.4	-	28.1	29.1	31.9	-	28.1	29.1	31.9	-							
	S/T		0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-							
	Delta T		17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-	16	14	11	-							
	KW		2.51	2.56	2.63	-	2.69	2.74	2.82	-	2.84	2.90	2.98	-	2.97	3.03	3.13	-	3.09	3.15	3.25	-	3.19	3.25	3.35	-	3.19	3.25	3.35	-							
	AMPS		10.6	10.8	11.1	-	11.3	11.5	11.8	-	12.1	12.3	12.6	-	12.8	13.0	13.4	-	13.5	13.7	14.1	-	14.1	14.4	14.9	-	14.1	14.4	14.9	-							
	HI PR		153	165	174	-	172	185	196	-	196	211	222	-	223	240	253	-	251	270	285	-	277	298	315	-	277	298	315	-							
1225	LO PR		65	70	76	-	69	73	80	-	72	76	83	-	75	80	88	-	79	84	92	-	82	87	95	-	82	87	95	-							
	MBh		33.3	34.5	37.8	-	32.5	33.7	36.9	-	31.7	32.9	36.1	-	31.0	32.1	35.2	-	29.4	30.5	33.4	-	27.3	28.3	31.0	-	27.3	28.3	31.0	-							
	S/T		0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-	0.82	0.69	0.48	-							
	Delta T		18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-							
	KW		2.50	2.54	2.62	-	2.67	2.72	2.80	-	2.82	2.87	2.96	-	2.95	3.01	3.10	-	3.07	3.13	3.22	-	3.16	3.23	3.33	-	3.16	3.23	3.33	-							
	AMPS		10.5	10.7	11.0	-	11.2	11.4	11.7	-	12.0	12.2	12.6	-	12.7	12.9	13.3	-	13.3	13.6	14.0	-	14.0	14.3	14.7	-	14.0	14.3	14.7	-							
1072	HI PR		152	163	173	-	170	183	194	-	194	209	220	-	221	238	251	-	248	267	282	-	274	295	312	-	274	295	312	-							
	LO PR		65	69	75	-	68	73	79	-	71	76	83	-	75	79	87	-	78	83	91	-	81	86	94	-	81	86	94	-							
	MBh		30.7	31.9	34.9	-	30.0	31.1	34.1	-	29.3	30.4	33.3	-	28.6	29.6	32.5	-	27.2	28.2	30.8	-	25.2	26.1	28.6	-	25.2	26.1	28.6	-							
	S/T		0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	0.80	0.66	0.46	-							
	Delta T		18	16	12	-	18	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-							
	KW		2.44	2.49	2.56	-	2.61	2.66	2.74	-	2.76	2.81	2.89	-	2.89	2.94	3.03	-	3.00	3.06	3.15	-	3.09	3.15	3.25	-	3.09	3.15	3.25	-							
1072	AMPS		10.2	10.4	10.7	-	10.9	11.1	11.4	-	11.7	11.9	12.3	-	12.4	12.6	13.0	-	13.0	13.3	13.7	-	13.7	14.0	14.4	-	13.7	14.0	14.4	-							
	HI PR		147	159	167	-	165	178	188	-	188	202	214	-	214	230	243	-	241	259	274	-	266	286	302	-	266	286	302	-							
	LO PR		63	67	73	-	66	71	77	-	69	73	80	-	72	77	84	-	76	81	88	-	79	84	91	-	79	84	91	-							

75	1378	MBh	34.9	35.9	38.9	41.7	34.1	35.1	38.0	40.7	33.3	34.2	37.1	39.8	32.4	33.4	36.2	38.8	30.8	31.7	34.4	36.9	28.6	29.4	31.8	34.2
		ST	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43
		Delta T	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	18	15	10	19	17	14	10
		KW	2.53	2.58	2.65	2.73	2.71	2.76	2.84	2.92	2.86	2.92	3.00	3.10	3.00	3.06	3.15	3.25	3.11	3.18	3.27	3.37	3.21	3.28	3.38	3.49
		AMPS	10.6	10.8	11.1	11.5	11.3	11.6	11.9	12.3	12.2	12.4	12.8	13.2	12.9	13.1	13.5	13.9	13.6	13.8	14.2	14.7	14.3	14.6	15.0	15.5
		HI PR	155	167	176	184	174	187	198	206	198	213	225	234	225	242	256	267	253	273	288	300	280	301	318	333
	LO PR	66	70	77	82	70	74	81	86	73	77	84	90	76	81	88	94	80	85	93	99	83	88	96	102	
	1225	MBh	33.9	34.9	37.7	40.5	33.1	34.1	36.9	39.6	32.3	33.2	36.0	38.6	31.5	32.4	35.1	37.7	29.9	30.8	33.3	35.8	27.7	28.5	30.9	33.2
		ST	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
		Delta T	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10
KW		2.51	2.56	2.63	2.71	2.69	2.74	2.82	2.90	2.84	2.90	2.98	3.07	2.97	3.03	3.13	3.22	3.09	3.15	3.25	3.35	3.19	3.25	3.35	3.46	
AMPS		10.6	10.8	11.1	11.4	11.3	11.5	11.8	12.2	12.1	12.3	12.7	13.1	12.8	13.0	13.4	13.8	13.5	13.7	14.1	14.6	14.1	14.4	14.9	15.4	
HI PR		153	165	174	182	172	185	196	204	196	211	223	232	223	240	253	264	251	270	285	297	277	298	315	329	
LO PR	65	70	76	81	69	74	80	85	72	76	83	89	75	80	88	93	79	84	92	98	82	87	95	101		
1072	MBh	31.3	32.2	34.8	37.4	30.5	31.4	34.0	36.5	29.8	30.7	33.2	35.6	29.1	29.9	32.4	34.8	27.6	28.4	30.8	33.0	25.6	26.3	28.5	30.6	
	ST	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39	
	Delta T	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10	
	KW	2.46	2.51	2.58	2.66	2.63	2.68	2.76	2.84	2.78	2.83	2.91	3.00	2.91	2.97	3.05	3.15	3.02	3.08	3.17	3.27	3.11	3.18	3.27	3.38	
	AMPS	10.3	10.5	10.8	11.1	11.0	11.2	11.5	11.9	11.8	12.0	12.4	12.7	12.5	12.7	13.1	13.5	13.1	13.4	13.8	14.2	13.8	14.1	14.5	15.0	
	HI PR	149	160	169	176	167	180	190	198	190	204	216	225	216	233	246	256	243	262	277	288	269	289	306	319	
LO PR	63	67	74	78	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	84	92	98		

* Entering Indoor Dry Bulb Temperature

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

NOTE: Shaded area is ACCA (TVA) conditions

COOLING PERFORMANCE DATA

GPC1336M*1*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GPC1336M21A*

Outdoor Ambient Temperature																															
65						75						85						95						105				115			
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71						
80	1378	MBh	35.5	36.3	38.8	41.4	34.7	35.4	37.9	40.5	33.8	34.6	37.0	39.5	33.0	33.7	36.1	38.5	31.4	32.1	34.2	36.6	29.1	29.7	31.7	33.9					
		ST	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62					
		Delta T	22	21	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	21	19	15	19	20	17	14					
		KW	2.55	2.60	2.67	2.75	2.73	2.78	2.86	2.95	2.88	2.94	3.03	3.12	3.02	3.08	3.17	3.27	3.14	3.20	3.30	3.40	3.24	3.30	3.41	3.51					
		AMPS	10.7	10.9	11.2	11.6	11.4	11.7	12.0	12.4	12.2	12.5	12.9	13.3	13.0	13.2	13.6	14.1	13.7	14.0	14.4	14.8	14.4	14.7	15.1	15.6					
	1225	HI PR	157	168	178	186	176	189	200	208	200	215	227	237	228	245	259	270	256	275	291	303	283	304	321	335					
		LO PR	67	71	77	83	70	75	82	87	73	78	85	91	77	82	89	95	81	86	94	100	83	89	97	103					
		MBh	34.5	35.2	37.6	40.2	33.7	34.4	36.8	39.3	32.9	33.6	35.9	38.4	32.1	32.8	35.0	37.4	30.5	31.1	33.3	35.5	28.2	28.8	30.8	32.9					
		ST	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59					
		Delta T	23	22	19	15	23	22	20	16	23	22	20	16	24	23	20	16	23	22	19	16	21	21	18	14					
1072	KW	2.53	2.58	2.65	2.73	2.71	2.76	2.84	2.92	2.86	2.92	3.00	3.10	3.00	3.06	3.15	3.25	3.11	3.18	3.27	3.38	3.21	3.28	3.38	3.49						
	AMPS	10.6	10.8	11.1	11.5	11.3	11.6	11.9	12.3	12.2	12.4	12.8	13.2	12.9	13.1	13.5	13.9	13.6	13.8	14.2	14.7	14.3	14.6	15.0	15.5						
	HI PR	155	167	176	184	174	187	198	206	198	213	225	234	225	242	256	267	253	273	288	300	280	301	318	332						
	LO PR	66	70	77	82	70	74	81	86	73	77	84	90	76	81	89	94	80	85	93	99	83	88	96	102						
	MBh	31.8	32.5	34.7	37.1	31.1	31.7	33.9	36.3	30.3	31.0	33.1	35.4	29.6	30.2	32.3	34.5	28.1	28.7	30.7	32.8	26.0	26.6	28.4	30.4						
1072	ST	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57						
	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15						
	KW	2.48	2.53	2.60	2.67	2.65	2.70	2.78	2.86	2.80	2.85	2.94	3.02	2.93	2.99	3.08	3.17	3.04	3.10	3.20	3.30	3.14	3.20	3.30	3.40						
	AMPS	10.4	10.6	10.9	11.2	11.1	11.3	11.6	12.0	11.9	12.1	12.5	12.8	12.6	12.8	13.2	13.6	13.2	13.5	13.9	14.4	13.9	14.2	14.6	15.1						
	HI PR	150	162	171	178	169	182	192	200	192	206	218	227	219	235	248	259	246	265	279	291	272	292	309	322						
LO PR	64	68	74	79	68	72	79	84	70	75	82	87	74	79	86	91	77	82	90	96	80	85	93	99							

1378	1378	MBh	36.1	36.8	38.6	41.1	35.3	36.0	37.7	40.2	34.4	35.1	36.8	39.2	33.6	34.2	35.9	38.3	31.9	32.5	34.1	36.4	29.6	30.1	31.6	33.7
		ST	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80
		Delta T	24	23	22	19	24	24	22	19	23	23	22	19	22	23	23	19	21	22	22	19	20	20	21	18
		KW	2.57	2.62	2.69	2.77	2.75	2.80	2.88	2.97	2.90	2.96	3.05	3.14	3.04	3.10	3.20	3.30	3.16	3.23	3.32	3.43	3.26	3.33	3.43	3.54
		AMPS	10.8	11.0	11.3	11.7	11.5	11.7	12.1	12.4	12.3	12.6	13.0	13.4	13.1	13.3	13.7	14.2	13.8	14.1	14.5	15.0	14.5	14.8	15.2	15.7
	1225	HI PR	158	170	180	187	177	191	202	210	202	217	229	239	230	247	261	272	259	278	294	306	286	307	325	339
		LO PR	67	72	78	83	71	76	83	88	74	79	86	92	78	83	90	96	81	87	95	101	84	90	98	104
		MBh	35.1	35.7	37.4	39.9	34.3	34.9	36.6	39.0	33.4	34.1	35.7	38.1	32.6	33.3	34.8	37.2	31.0	31.6	33.1	35.3	28.7	29.3	30.6	32.7
		ST	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
		Delta T	25	24	23	20	25	25	23	20	25	25	23	20	24	25	23	20	23	24	23	20	22	22	22	19
85	1225	KW	2.55	2.60	2.67	2.75	2.73	2.78	2.86	2.95	2.88	2.94	3.03	3.12	3.02	3.08	3.17	3.27	3.14	3.20	3.30	3.40	3.24	3.30	3.41	3.51
		AMPS	10.7	10.9	11.2	11.6	11.4	11.7	12.0	12.4	12.2	12.5	12.9	13.3	13.0	13.2	13.6	14.1	13.7	14.0	14.4	14.8	14.4	14.7	15.1	15.6
		HI PR	157	168	178	186	176	189	200	208	200	215	227	237	228	245	259	270	256	275	291	303	283	304	321	335
		LO PR	67	71	77	83	70	75	82	87	73	78	85	91	77	82	89	95	81	86	94	100	83	89	97	103
		MBh	32.4	33.0	34.6	36.9	31.6	32.2	33.8	36.0	30.9	31.5	32.9	35.1	30.1	30.7	32.1	34.3	28.6	29.2	30.5	32.6	26.5	27.0	28.3	30.2
	1072	ST	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73
		Delta T	25	25	23	20	25	25	24	20	25	25	24	20	26	25	24	21	25	25	24	20	23	23	22	19
		KW	2.50	2.54	2.61	2.69	2.67	2.72	2.80	2.88	2.82	2.87	2.96	3.05	2.95	3.01	3.10	3.20	3.06	3.13	3.22	3.32	3.16	3.23	3.33	3.43
		AMPS	10.5	10.7	11.0	11.3	11.2	11.4	11.7	12.1	12.0	12.2	12.5	12.9	12.7	12.9	13.3	13.7	13.3	13.6	14.0	14.5	14.0	14.3	14.7	15.2
		HI PR	152	163	173	180	170	183	194	202	194	209	220	230	221	238	251	262	248	267	282	294	274	295	312	325
		LO PR	65	69	75	80	68	73	79	85	71	76	83	88	75	79	87	92	78	83	91	97	81	86	94	100

* Entering Indoor Dry Bulb Temperature

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

NOTE: Shaded area is AHRI Rating Conditions

COOLING PERFORMANCE DATA

GPC1348M*1*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GPC1348M21A*

		Outdoor Ambient Temperature																															
		65				75				85				95				105				115											
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
70	1969	MBh	46.1	47.7	52.3	-	45.0	46.6	51.1	-	43.9	45.5	49.9	-	42.8	44.4	48.7	-	40.7	42.2	46.2	-	37.7	39.1	42.8	-							
		S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-							
		Delta T	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	14	11	-	16	14	10	-							
		KW	3.37	3.43	3.53	-	3.60	3.67	3.78	-	3.81	3.89	4.00	-	3.99	4.07	4.20	-	4.15	4.23	4.36	-	4.28	4.37	4.50	-							
		AMPS	14.2	14.5	14.9	-	15.2	15.5	15.9	-	16.2	16.6	17.0	-	17.2	17.5	18.1	-	18.1	18.5	19.1	-	19.1	19.5	20.0	-							
		HI PR	154	166	175	-	173	186	196	-	197	212	223	-	224	241	254	-	252	271	286	-	278	299	316	-							
	LO PR	63	67	73	-	66	71	77	-	69	73	80	-	72	77	84	-	76	81	88	-	79	84	91	-								
70	1750	MBh	44.7	46.3	50.8	-	43.7	45.3	49.6	-	42.6	44.2	48.4	-	41.6	43.1	47.2	-	39.5	41.0	44.9	-	36.6	37.9	41.6	-							
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-							
		Delta T	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-							
		KW	3.34	3.41	3.51	-	3.58	3.65	3.75	-	3.78	3.86	3.97	-	3.96	4.04	4.16	-	4.12	4.20	4.33	-	4.25	4.34	4.47	-							
		AMPS	14.1	14.4	14.8	-	15.0	15.3	15.8	-	16.1	16.5	16.9	-	17.1	17.4	17.9	-	18.0	18.4	18.9	-	18.9	19.3	19.9	-							
		HI PR	152	164	173	-	171	184	194	-	195	209	221	-	222	239	252	-	249	268	283	-	275	296	313	-							
	LO PR	62	66	72	-	66	70	76	-	68	73	79	-	72	76	83	-	75	80	87	-	78	83	90	-								
70	1531	MBh	41.3	42.8	46.9	-	40.3	41.8	45.8	-	39.4	40.8	44.7	-	38.4	39.8	43.6	-	36.5	37.8	41.4	-	33.8	35.0	38.4	-							
		S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-							
		Delta T	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-							
		KW	3.27	3.33	3.43	-	3.50	3.57	3.67	-	3.70	3.77	3.88	-	3.87	3.95	4.07	-	4.02	4.10	4.23	-	4.15	4.23	4.36	-							
		AMPS	13.8	14.1	14.4	-	14.7	15.0	15.4	-	15.7	16.1	16.5	-	16.7	17.0	17.5	-	17.6	17.9	18.4	-	18.5	18.9	19.4	-							
		HI PR	148	159	168	-	166	179	189	-	189	203	214	-	215	231	244	-	242	260	275	-	267	288	304	-							
	LO PR	60	64	70	-	64	68	74	-	66	70	77	-	70	74	81	-	73	78	85	-	75	80	88	-								

* Entering Indoor Dry Bulb Temperature

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

NOTE: Shaded area is ACCA (TVA) conditions

COOLING PERFORMANCE DATA

GPC1348M*1*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GPC1348M21A*

		Outdoor Ambient Temperature																																									
		65							75							85							95							105							115						
		Entering Indoor Wet Bulb Temperature																																									
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71														
80	MBh	47.7	48.7	52.0	55.6	46.6	47.6	50.8	54.3	45.5	46.4	49.6	53.0	44.3	45.3	48.4	51.8	42.1	43.0	46.0	49.2	39.0	39.9	42.6	45.5	39.0	39.9	42.6	45.5														
	S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63														
	Delta T	21	21	18	14	22	21	18	14	21	21	18	14	21	21	18	15	20	20	18	14	18	19	17	13	18	19	17	13														
	KW	3.42	3.48	3.58	3.69	3.66	3.73	3.84	3.95	3.87	3.95	4.06	4.19	4.05	4.14	4.26	4.40	4.21	4.30	4.43	4.57	4.35	4.44	4.58	4.72	4.35	4.44	4.58	4.72														
	AMPS	14.4	14.7	15.1	15.6	15.4	15.7	16.1	16.6	16.5	16.8	17.3	17.9	17.5	17.8	18.3	18.9	18.4	18.8	19.4	20.0	19.4	19.8	20.4	21.1	19.4	19.8	20.4	21.1														
	HI PR	157	169	179	186	176	190	200	209	201	216	228	238	228	246	260	271	257	277	292	305	284	306	323	337	284	306	323	337														
	LO PR	64	68	74	79	68	72	79	84	70	75	82	87	74	79	86	91	77	82	90	96	80	85	93	99	80	85	93	99														
1750	MBh	46.3	47.3	50.5	54.0	45.2	46.2	49.4	52.8	44.1	45.1	48.2	51.5	43.1	44.0	47.0	50.2	40.9	41.8	44.7	47.7	37.9	38.7	41.4	44.2	37.9	38.7	41.4	44.2														
	S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60	1.00	0.99	0.81	0.60														
	Delta T	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	21	22	19	15	20	20	18	14	20	20	18	14													
	KW	3.39	3.46	3.56	3.66	3.63	3.70	3.81	3.92	3.84	3.92	4.03	4.16	4.02	4.11	4.23	4.36	4.18	4.27	4.40	4.54	4.32	4.41	4.54	4.69	4.32	4.41	4.54	4.69														
	AMPS	14.3	14.6	15.0	15.5	15.3	15.6	16.0	16.5	16.4	16.7	17.2	17.7	17.3	17.7	18.2	18.8	18.3	18.7	19.2	19.9	19.2	19.6	20.2	20.9	19.2	19.6	20.2	20.9														
	HI PR	156	167	177	184	175	188	198	207	199	214	226	235	226	243	257	268	254	274	289	302	281	303	319	333	281	303	319	333														
	LO PR	63	68	74	78	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	84	92	98	79	84	92	98														
1531	MBh	42.7	43.6	46.6	49.9	41.7	42.6	45.6	48.7	40.7	41.6	44.5	47.5	39.7	40.6	43.4	46.4	37.8	38.6	41.2	44.1	35.0	35.7	38.2	40.8	35.0	35.7	38.2	40.8														
	S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.95	0.77	0.58	1.02	0.95	0.78	0.58	1.02	0.95	0.78	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														
	KW	3.32	3.38	3.48	3.58	3.55	3.62	3.72	3.84	3.75	3.83	3.94	4.06	3.93	4.01	4.13	4.26	4.08	4.17	4.29	4.43	4.21	4.30	4.43	4.57	4.21	4.30	4.43	4.57														
	AMPS	14.0	14.3	14.7	15.1	14.9	15.2	15.6	16.1	16.0	16.3	16.8	17.3	16.9	17.3	17.8	18.3	17.8	18.2	18.7	19.4	18.8	19.2	19.7	20.4	18.8	19.2	19.7	20.4														
	HI PR	151	162	172	179	169	182	192	201	193	207	219	228	219	236	249	260	247	266	280	293	273	293	310	323	273	293	310	323														
	LO PR	62	65	71	76	65	69	76	80	68	72	78	84	71	76	82	88	74	79	86	92	77	82	89	95	77	82	89	95														

1969	MBh	48.5	49.4	51.8	55.2	47.4	48.3	50.6	54.0	46.2	47.1	49.4	52.7	45.1	46.0	48.2	51.4	42.9	43.7	45.8	48.8	39.7	40.5	42.4	45.2
	ST	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	0.94	0.81	1.00	1.00	0.94	0.81
	Delta T	23	23	21	18	22	23	22	19	22	22	22	19	21	21	22	19	20	20	21	19	19	19	20	17
	KW	3.44	3.51	3.61	3.72	3.68	3.76	3.87	3.98	3.90	3.98	4.10	4.22	4.09	4.17	4.30	4.43	4.25	4.33	4.47	4.61	4.38	4.47	4.61	4.76
	AMPS	14.5	14.8	15.2	15.7	15.5	15.8	16.3	16.8	16.6	17.0	17.5	18.0	17.6	18.0	18.5	19.1	18.6	19.0	19.5	20.2	19.5	20.0	20.5	21.2
	HI PR	159	171	180	188	178	192	202	211	203	218	230	240	231	248	262	273	260	279	295	308	287	309	326	340
LO PR	65	69	75	80	68	73	79	85	71	76	83	88	75	79	87	92	78	83	91	97	81	86	94	100	
1750	MBh	47.1	48.0	50.3	53.6	46.0	46.9	49.1	52.4	44.9	45.8	47.9	51.1	43.8	44.7	46.8	49.9	41.6	42.4	44.4	47.4	38.5	39.3	41.2	43.9
	ST	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
	Delta T	24	23	22	19	24	24	22	19	24	24	22	19	23	23	23	20	22	22	22	19	20	21	21	18
	KW	3.42	3.48	3.58	3.69	3.66	3.73	3.84	3.95	3.87	3.95	4.06	4.19	4.05	4.14	4.26	4.40	4.21	4.30	4.43	4.57	4.35	4.44	4.58	4.72
	AMPS	14.4	14.7	15.1	15.6	15.4	15.7	16.1	16.6	16.5	16.8	17.3	17.9	17.5	17.8	18.3	18.9	18.4	18.8	19.4	20.0	19.4	19.8	20.4	21.1
	HI PR	157	169	179	186	176	190	200	209	201	216	228	238	228	246	260	271	257	277	292	305	284	306	323	337
LO PR	64	68	74	79	68	72	79	84	70	75	82	87	74	79	86	91	77	82	90	96	80	85	93	99	
1531	MBh	43.5	44.3	46.4	49.5	42.5	43.3	45.3	48.4	41.4	42.2	44.2	47.2	40.4	41.2	43.2	46.0	38.4	39.2	41.0	43.7	35.6	36.3	38.0	40.5
	ST	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
	Delta T	24	24	23	20	25	24	23	20	25	24	23	20	24	24	23	20	23	24	23	20	21	22	21	18
	KW	3.34	3.41	3.50	3.61	3.58	3.65	3.75	3.86	3.78	3.86	3.97	4.09	3.96	4.04	4.16	4.29	4.11	4.20	4.33	4.46	4.25	4.33	4.47	4.61
	AMPS	14.1	14.4	14.8	15.2	15.0	15.3	15.8	16.3	16.1	16.4	16.9	17.5	17.1	17.4	17.9	18.5	18.0	18.4	18.9	19.5	18.9	19.3	19.9	20.5
	HI PR	152	164	173	181	171	184	194	203	195	209	221	231	222	238	252	263	249	268	283	295	275	296	313	326
LO PR	62	66	72	77	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96	

COOLING PERFORMANCE DATA

GPC1360M*1*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GPC1360M21A*

Outdoor Ambient Temperature																																	
65						75						85						95						105						115			
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	2138	MBh	55.4	57.4	62.9	-	54.1	56.1	61.4	-	52.8	54.7	59.9	-	51.5	53.4	58.5	-	48.9	50.7	55.6	-	45.3	47.0	51.5	-	45.3	47.0	51.5	-			
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-			
		Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-	17	14	11	-			
		KW	4.06	4.14	4.28	-	4.38	4.47	4.62	-	4.66	4.76	4.92	-	4.91	5.02	5.19	-	5.12	5.23	5.41	-	5.30	5.42	5.61	-	5.30	5.42	5.61	-			
		AMPS	19.5	19.9	20.4	-	20.8	21.2	21.8	-	22.3	22.8	23.4	-	23.6	24.1	24.8	-	24.9	25.4	26.2	-	26.2	26.8	27.5	-	26.2	26.8	27.5	-			
		HI PR	166	179	189	-	186	200	212	-	212	228	241	-	241	260	274	-	271	292	308	-	300	323	341	-	300	323	341	-			
70	1900	LO PR	62	66	73	-	66	70	77	-	69	73	80	-	72	77	84	-	75	80	88	-	78	83	91	-	78	83	91	-			
		MBh	53.8	55.7	61.0	-	52.5	54.4	59.6	-	51.3	53.1	58.2	-	50.0	51.8	56.8	-	47.5	49.2	53.9	-	44.0	45.6	50.0	-	44.0	45.6	50.0	-			
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-			
		Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	17	15	11	-			
		KW	4.02	4.11	4.24	-	4.34	4.44	4.58	-	4.62	4.72	4.88	-	4.87	4.98	5.14	-	5.07	5.19	5.37	-	5.26	5.38	5.56	-	5.26	5.38	5.56	-			
		AMPS	19.4	19.7	20.3	-	20.6	21.1	21.6	-	22.1	22.6	23.2	-	23.4	23.9	24.6	-	24.7	25.2	26.0	-	26.0	26.5	27.3	-	26.0	26.5	27.3	-			
70	1663	HI PR	164	177	187	-	184	198	210	-	210	226	238	-	239	257	271	-	269	289	305	-	297	320	337	-	297	320	337	-			
		LO PR	62	66	72	-	65	69	76	-	68	72	79	-	71	76	83	-	75	79	87	-	77	82	90	-	77	82	90	-			
		MBh	49.6	51.4	56.3	-	48.5	50.2	55.0	-	47.3	49.0	53.7	-	46.2	47.8	52.4	-	43.8	45.4	49.8	-	40.6	42.1	46.1	-	40.6	42.1	46.1	-			
		S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.66	0.45	-	0.78	0.66	0.45	-			
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-	18	15	12	-			
		KW	3.93	4.01	4.14	-	4.23	4.33	4.47	-	4.50	4.60	4.76	-	4.74	4.85	5.01	-	4.95	5.06	5.23	-	5.12	5.24	5.41	-	5.12	5.24	5.41	-			
75	1663	AMPS	18.9	19.3	19.8	-	20.2	20.6	21.1	-	21.6	22.1	22.7	-	22.9	23.3	24.0	-	24.1	24.6	25.3	-	25.4	25.9	26.7	-	25.4	25.9	26.7	-			
		HI PR	159	172	181	-	179	193	203	-	203	219	231	-	232	249	263	-	261	281	296	-	288	310	327	-	288	310	327	-			
		LO PR	60	64	70	-	63	67	74	-	66	70	76	-	69	74	80	-	72	77	84	-	75	80	87	-	75	80	87	-			
		MBh	56.3	58.0	62.7	67.3	55.0	56.6	61.3	65.8	53.7	55.3	59.8	64.2	52.4	53.9	58.4	62.6	49.8	51.2	55.5	59.5	46.1	47.5	51.4	55.1	46.1	47.5	51.4	55.1			
		S/T	0.84	0.76	0.57	0.37	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	0.93	0.83	0.63	0.40			
		Delta T	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	20	18	15	10	19	18	15	10			

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACOA (TVA) conditions

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

COOLING PERFORMANCE DATA

GPC1360M*1*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GPC1360M21A*

		Outdoor Ambient Temperature																															
		65					75					85					95					105					115						
IDB*	Airflow	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75		
80	2138	MBh	57.3	58.6	62.6	66.9	56.0	57.2	61.1	65.3	54.6	55.8	59.6	63.8	53.3	54.5	58.2	62.2	66.2	70.2	50.6	51.7	55.3	59.1	46.9	47.9	51.2	54.7	58.7	62.7	66.7	70.7	
		S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	0.38	0.18	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61	
		Delta T	23	22	19	15	23	22	19	15	24	22	19	15	23	22	19	16	12	8	22	22	19	15	20	21	18	14	10	7	4	1	
		KW	4.12	4.21	4.35	4.49	4.45	4.55	4.70	4.86	4.74	4.84	5.00	5.17	4.99	5.10	5.28	5.46	5.64	5.82	5.21	5.33	5.51	5.70	5.39	5.52	5.70	5.90	6.08	6.26	6.44	6.62	
		AMPS	19.8	20.2	20.7	21.4	21.1	21.5	22.1	22.9	22.7	23.1	23.8	24.6	24.0	24.5	25.2	26.0	26.8	27.6	25.3	25.9	26.6	27.5	26.6	27.2	28.0	29.0	29.8	30.6	31.4	32.2	
	1900	HI PR	169	182	192	201	190	205	216	225	216	233	246	256	246	265	280	292	304	316	277	298	315	328	306	329	348	363	378	393	408	423	
		LO PR	64	68	74	79	67	72	78	83	70	74	81	87	73	78	85	91	97	103	77	82	89	95	80	85	93	99	105	111	117	123	
		MBh	55.6	56.9	60.7	64.9	54.3	55.5	59.3	63.4	53.0	54.2	57.9	61.9	51.8	52.9	56.5	60.4	64.2	68.0	49.2	50.2	53.7	57.4	45.5	46.5	49.7	53.2	56.7	60.2	63.7	67.2	
		S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	0.35	0.15	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58	0.78	0.98	1.18	1.38	
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	12	8	24	23	20	16	22	21	19	15	11	8	5	2	
85	1663	KW	4.09	4.18	4.31	4.46	4.41	4.51	4.66	4.81	4.70	4.80	4.96	5.13	4.95	5.06	5.23	5.41	5.59	5.77	5.16	5.28	5.46	5.65	5.35	5.47	5.66	5.85	6.04	6.23	6.42	6.61	
		AMPS	19.6	20.0	20.6	21.2	21.0	21.4	22.0	22.7	22.5	22.9	23.6	24.4	23.8	24.3	25.0	25.8	26.6	27.4	25.1	25.7	26.4	27.3	26.4	27.0	27.8	28.7	29.6	30.4	31.2	32.0	
		HI PR	168	180	191	199	188	203	214	223	214	230	243	254	244	262	277	289	301	313	274	295	312	325	303	326	344	359	374	389	404	419	
		LO PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	85	90	96	102	76	81	89	94	79	84	92	98	104	110	116	122	
		MBh	51.4	52.5	56.1	59.9	50.2	51.3	54.8	58.5	49.0	50.0	53.5	57.1	47.8	48.8	52.1	55.7	59.3	62.9	45.4	46.4	49.5	53.0	42.0	43.0	45.9	49.1	52.3	55.5	58.7	61.9	
	2138	S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.33	0.13	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56	0.76	0.96	1.16	1.36	
		Delta T	24	23	20	16	24	23	20	16	25	23	20	16	25	23	20	16	12	8	24	23	20	16	23	22	19	15	11	8	5	2	
		KW	3.99	4.08	4.21	4.35	4.30	4.40	4.54	4.69	4.58	4.68	4.84	5.00	4.82	4.93	5.10	5.27	5.44	5.61	5.03	5.14	5.32	5.50	5.21	5.33	5.51	5.70	5.88	6.06	6.24	6.42	
		AMPS	19.2	19.6	20.1	20.7	20.5	20.9	21.5	22.1	22.0	22.4	23.0	23.8	23.2	23.7	24.4	25.2	26.0	26.8	24.5	25.0	25.8	26.6	25.8	26.3	27.1	28.0	28.9	29.7	30.5	31.3	
		HI PR	163	175	185	193	183	196	207	216	208	223	236	246	236	254	269	280	292	304	266	286	302	315	294	316	334	348	363	378	393	408	
		LO PR	61	65	71	76	65	69	75	80	67	71	78	83	71	75	82	87	92	97	74	79	86	91	76	81	89	95	101	107	113	119	
85	2138	MBh	58.3	59.4	62.2	66.4	56.9	58.1	60.8	64.9	55.6	56.7	59.4	63.3	54.2	55.3	57.9	61.8	65.7	69.6	51.5	52.5	55.0	58.7	47.7	48.7	51.0	54.4	57.8	61.2	64.6	68.0	
		S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	0.55	0.35	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79	0.99	1.19	1.39	1.59	
		Delta T	24	24	23	20	24	24	23	20	24	24	23	20	23	24	23	20	16	12	22	23	20	16	21	21	21	18	14	10	7	4	
		KW	4.16	4.25	4.39	4.53	4.49	4.59	4.74	4.90	4.78	4.88	5.05	5.22	5.03	5.15	5.32	5.50	5.68	5.86	5.25	5.37	5.55	5.75	5.44	5.56	5.75	5.95	6.15	6.35	6.55	6.75	
		AMPS	19.9	20.3	20.9	21.5	21.3	21.7	22.3	23.0	22.8	23.3	24.0	24.8	24.2	24.7	25.4	26.2	27.0	27.8	25.5	26.1	26.8	27.7	26.8	27.4	28.2	29.2	29.9	30.7	31.5	32.3	
	1900	HI PR	171	184	194	203	192	207	218	228	218	235	248	259	249	268	283	295	307	319	280	301	318	332	309	333	351	366	381	396	411	426	
		LO PR	64	68	75	80	68	72	79	84	71	75	82	87	74	79	86	92	97	102	78	83	90	96	80	86	93	100	106	112	118	124	
		MBh	56.6	57.7	60.4	64.5	55.3	56.4	59.0	63.0	54.0	55.0	57.6	61.5	52.7	53.7	56.2	60.0	63.8	67.6	50.0	51.0	53.4	57.0	46.3	47.2	49.5	52.8	56.1	59.4	62.7	66.0	
		S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	0.52	0.32	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75	0.95	1.15	1.35	1.55	
		Delta T	25	25	24	20	26	25	24	21	26	25	24	21	25	25	24	21	17	13	24	25	24	21	22	23	22	19	15	11	8	5	
85	1663	KW	4.12	4.21	4.35	4.49	4.45	4.55	4.70	4.86	4.74	4.84	5.00	5.17	4.99	5.10	5.28	5.46	5.64	5.82	5.21	5.33	5.51	5.70	5.39	5.52	5.70	5.90	6.08	6.26	6.44	6.62	
		AMPS	19.8	20.2	20.7	21.4	21.1	21.5	22.1	22.9	22.7	23.1	23.8	24.6	24.0	24.5	25.2	26.0	26.8	27.6	25.3	25.9	26.6	27.5	26.6	27.2	28.0	29.0	29.8	30.6	31.4	32.2	
		HI PR	169	182	192	201	190	205	216	225	216	233	246	256	246	265	280	292	304	316	277	298	315	328	306	329	348	363	378	393	408	423	
		LO PR	64	68	74	79	67	72	78	83	70	74	81	87	73	78	85	91	97	103	77	82	89	95	80	85	93	99	105	111	117	123	
		MBh	52.2	53.3	55.8	59.5	51.0	52.0	54.5	58.1	49.8	50.8	53.2	56.7	48.6	49.5	51.9	55.4	58.9	62.4	46.2	47.1	49.3	52.6	42.8	43.6	45.7	48.7	51.7	54.7	57.7	60.7	
	2138	S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	0.69	0.49	0.29	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.72	0.92	1.12	1.32	1.52	
		Delta T	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	17	13	26	26	24	21	24	24	23	20	16	12	8	5	
		KW	4.02	4.11	4.24	4.38	4.34	4.43	4.58	4.73	4.62	4.72	4.88	5.04	4.86	4.97	5.14	5.32	5.50	5.68	5.07	5.19	5.36	5.55	5.25	5.37	5.56	5.75	5.94	6.13	6.32	6.51	
		AMPS	19.3	19.7	20.3	20.9	20.6	21.1	21.6	22.3	22.1	22.6	23.2	24.0	23.4	23.9	24.6	25.4	26.2	27.0	24.7	25.2	26.0	26.8	26.0	26.5	27.3	28.2	29.1	29.9	30.7	31.5	32.3
		HI PR	164	177	187	195	184	198	210	219	210	226	238	249	239	257	271	283	295	307	269	289	305	318									

COOLING PERFORMANCE DATA

PERFORMANCE TEST

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

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

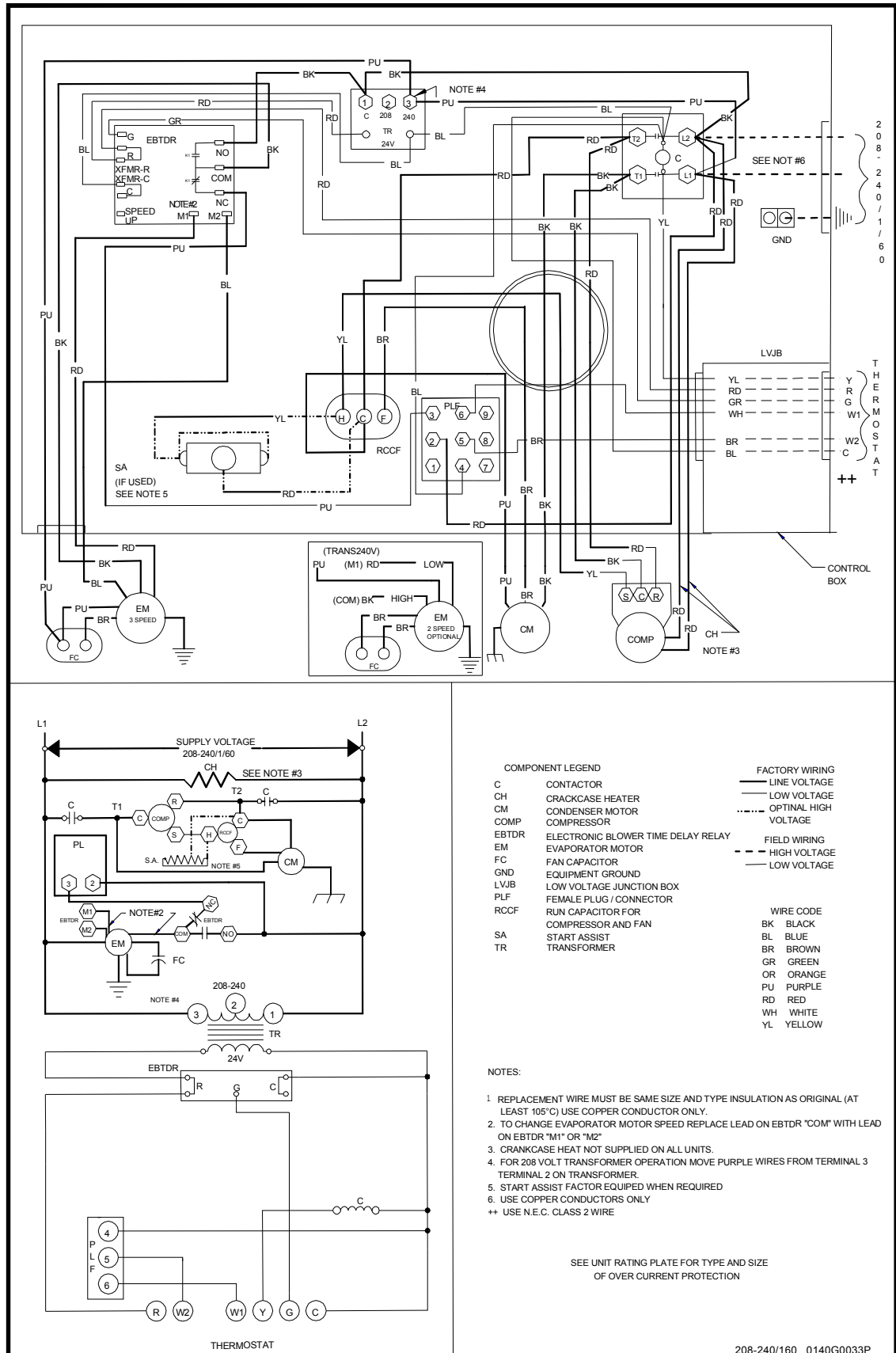
1. As indoor dry bulb temperatures increase, a slight increase will occur in indoor air temperature drop (Delta T). Low and high side pressures and power will not change.
2. As indoor CFM decreases, a slight increase will occur in indoor temperature drop (Delta T). A slight decrease will occur in low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

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

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

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

A properly operating unit should be within plus or minus **3 Amps** of the typical value shown.



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

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

C	CONTACTOR	FACTORY WIRING
CM	CONDENSER MOTOR	— LINE VOLTAGE
COMP	COMPRESSOR	— LOW VOLTAGE
EM	EVAPORATOR MOTOR	--- OPTIMAL HIGH VOLTAGE
GND	EQUIPMENT GROUND	FIELD WIRING
IBR	INDOOR BLOWER RELAY	--- HIGH VOLTAGE
LVJB	INDOOR BLOWER JUNCTION BOX	— LOW VOLTAGE
PLF	FEMALE PLUG / CONNECTOR	
RCCF	RUN CAPACITOR FOR COMPRESSOR AND FAN	
SA	START ASSIST	
TR	TRANSFORMER	

WIRE CODE

BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
OR	ORANGE
PU	PURPLE
RD	RED
WH	WHITE
YL	YELLOW

NOTES:

- REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE INSULATION AS ORIGINAL (AT LEAST 105°C) USE COPPER CONDUCTOR ONLY.
- TO CHANGE EVAPORATOR MOTOR SPEED MOVE LEAD FROM EM "1" TO "2" OR "3". TERMINAL "3" IS THE HIGHEST SPEED.
- FOR 208 VOLT TRANSFORMER OPERATION MOVE PURPLE WIRES FROM TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
- START ASSIST FACTOR EQUIPED WHEN REQUIRED
- USE COPPER CONDUCTORS ONLY.

++ USE N.E.C. CLASS 2 WIRE

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

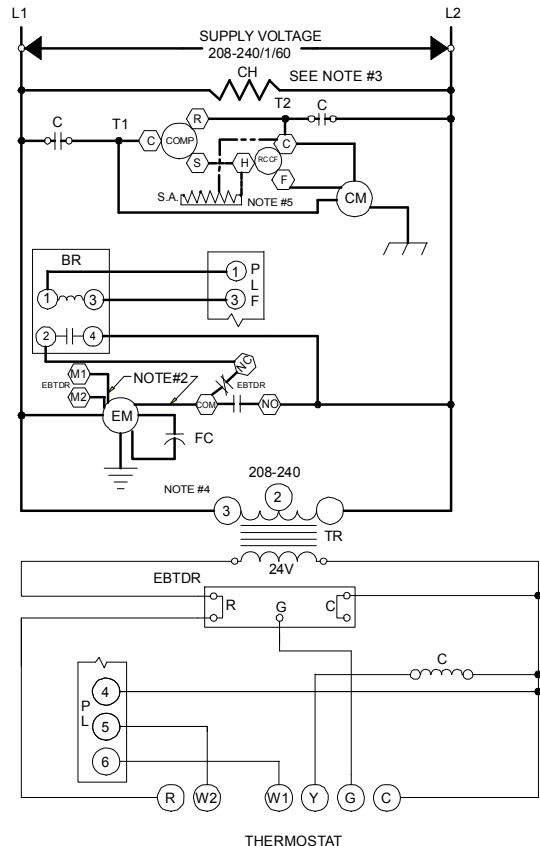
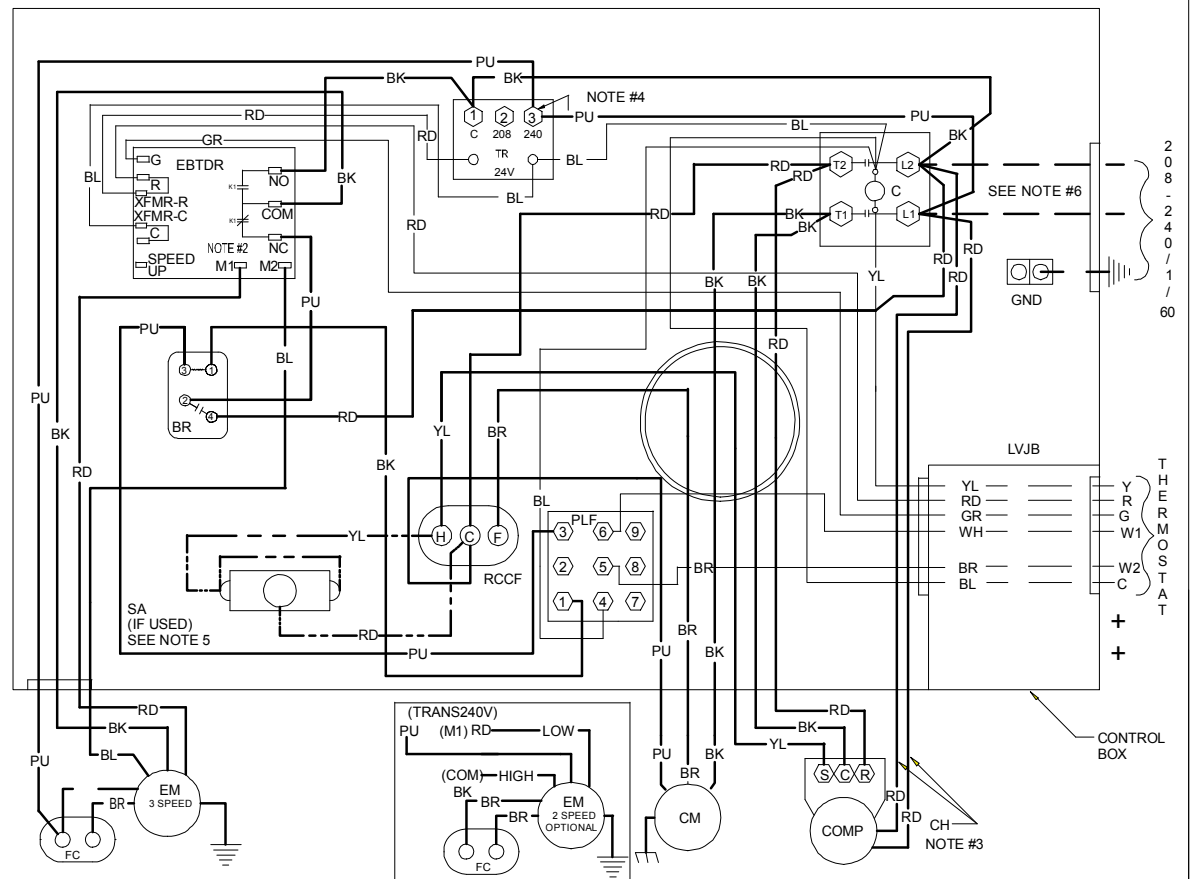
WIRING DIAGRAMS

GPC1324-48H21AB-AE/B*



HIGH VOLTAGE!
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WARNING



COMPONENT LEGEND

BR	BLOWER INTERLOCK RELAY
C	CONTACTOR
CH	CRANKCASE HEATER
CM	CONDENSER MOTOR
COMP	COMPRESSOR
EBTD	ELECTRONIC BLOWER TIME DELAY RELAY
R	RELAY
EM	EVAPORATOR MOTOR
FC	FAN CAPACITOR
GND	EQUIPMENT GROUND
LVJB	LOW VOLTAGE JUNCTION BOX
PLF	FEMALE PLUG / CONNECTOR
RCCF	RUN CAPACITOR FOR COMPRESSOR AND FAN
SA	START ASSIST
TR	TRANSFORMER

FACTORY WIRING

—	LINE VOLTAGE
—	LOW VOLTAGE
—	OPTIMAL HIGH VOLTAGE

FIELD WIRING

—	HIGH VOLTAGE
—	LOW VOLTAGE

WIRE CODE

BK	BLACK
BL	BLUE
BR	BROWN
GR	GREEN
OR	ORANGE
PU	PURPLE
RD	RED
WH	WHITE
YL	YELLOW

NOTES:

1. REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE INSULATION AS ORIGINAL (AT LEAST 105°C) USE COPPER CONDUCTOR ONLY.
2. TO CHANGE EVAPORATOR MOTOR SPEED REPLACE LEAD ON EBTDR "COM" WITH LEAD ON EBTDR "M1" OR "M2"
3. CRANKCASE HEAT NOT SUPPLIED ON ALL UNITS.
4. FOR 208 VOLT TRANSFORMER OPERATION MOVE PURPLE WIRES FROM TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
5. START ASSIST FACTOR EQUIPPED WHEN REQUIRED
6. USE COPPER CONDUCTORS ONLY

++ USE N.E.C. CLASS 2 WIRE

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

208-240/1/60 0140G00364 REV. A

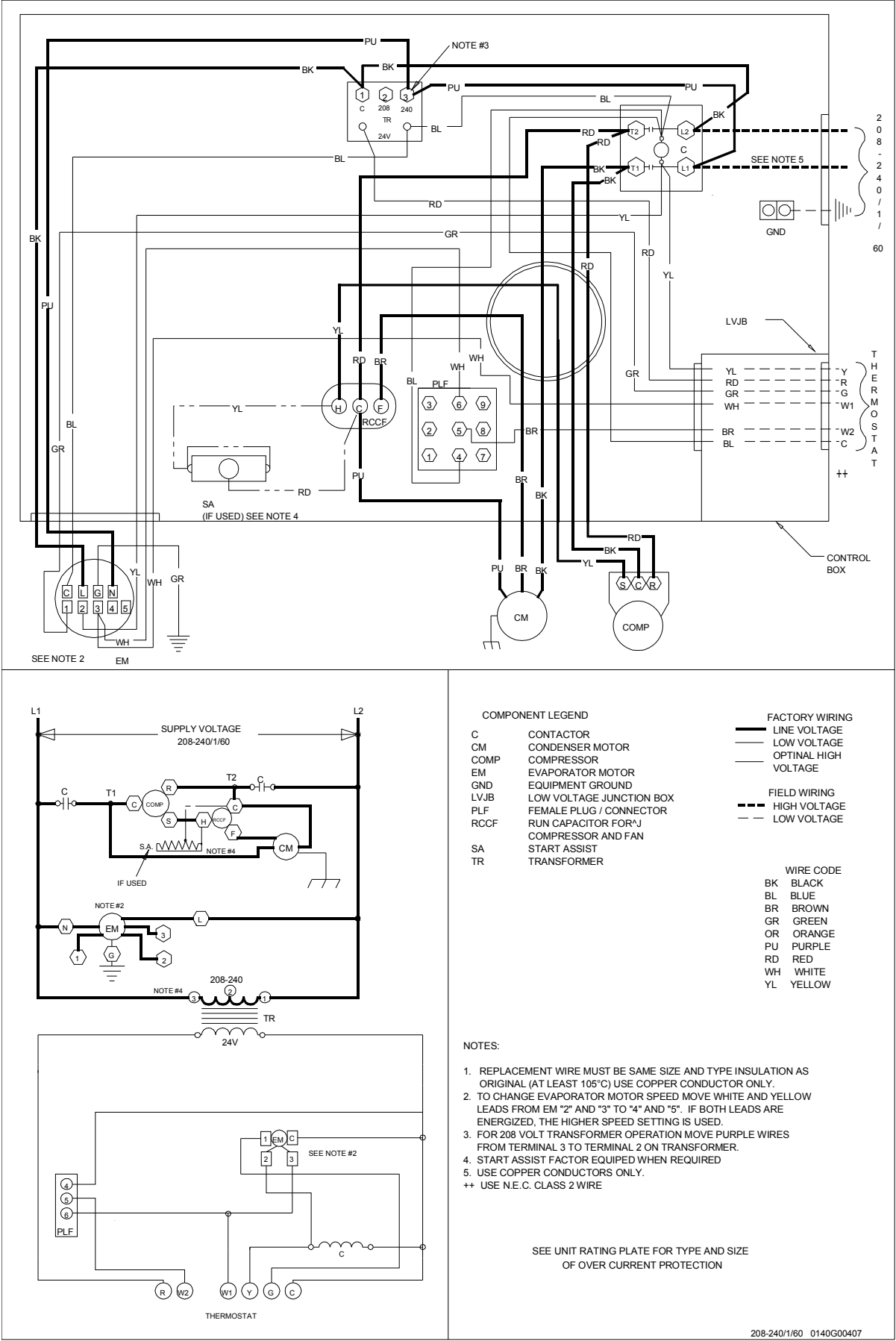
Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

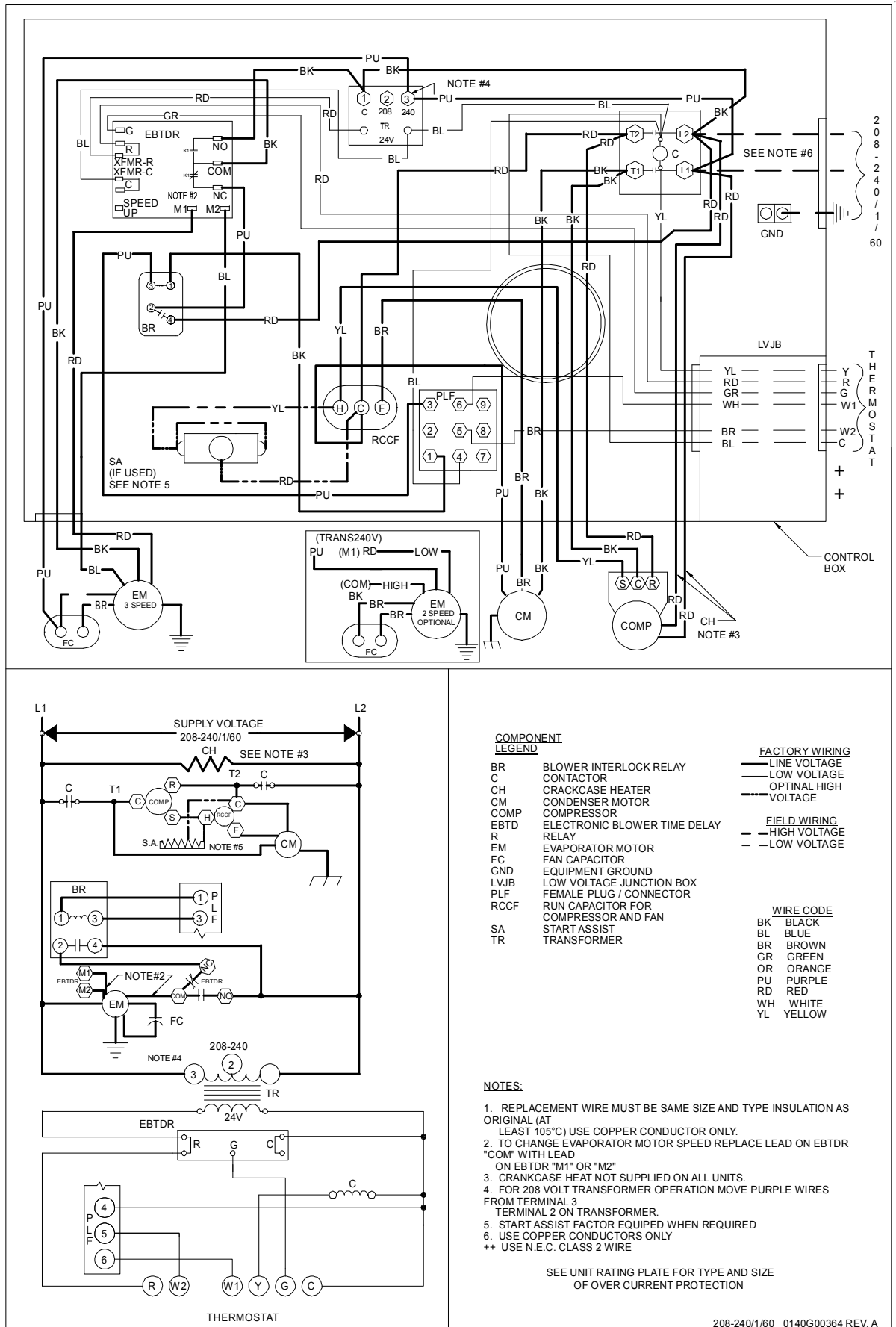


HIGH VOLTAGE!
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WARNING



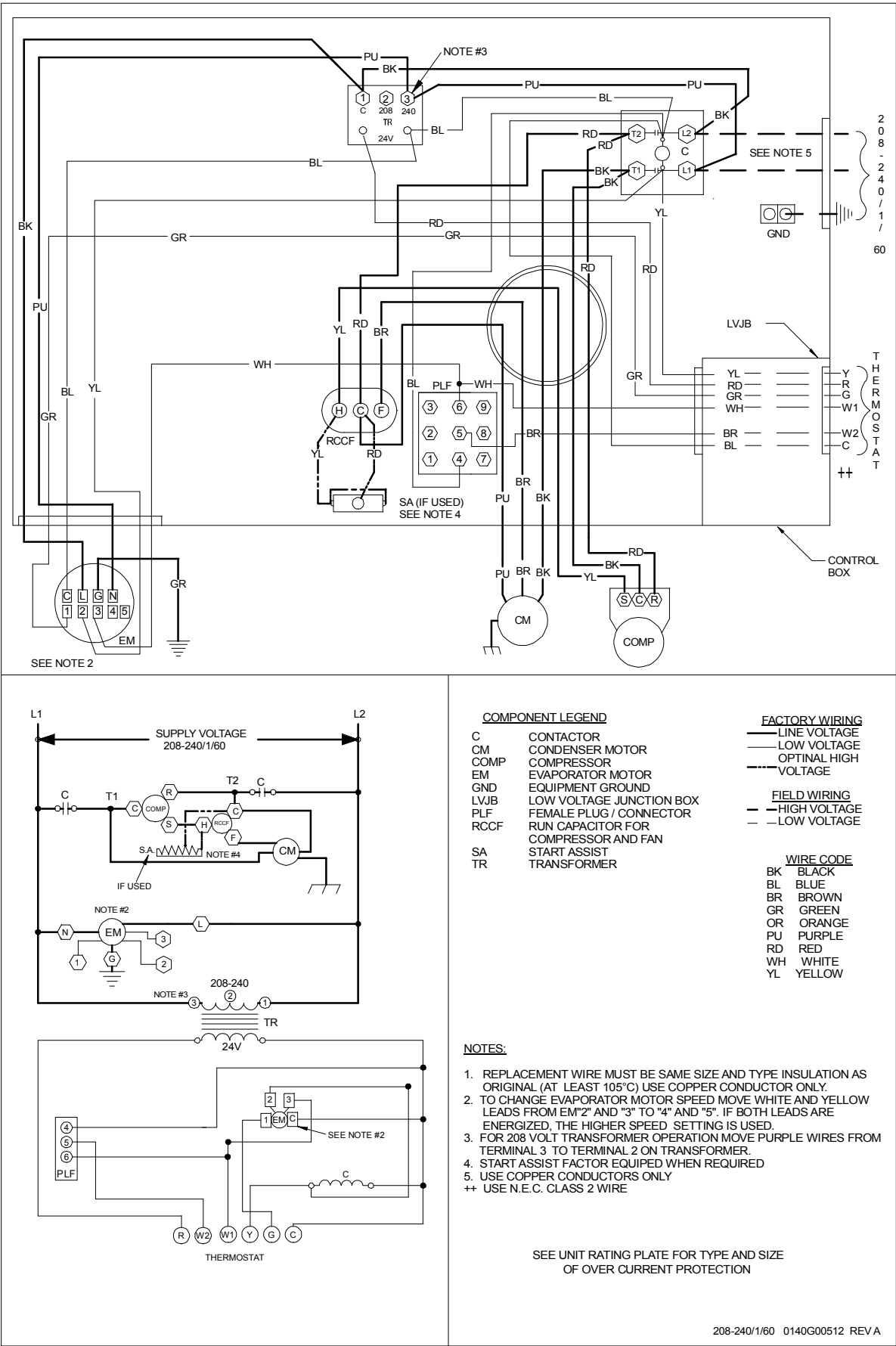


Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.



WARNING

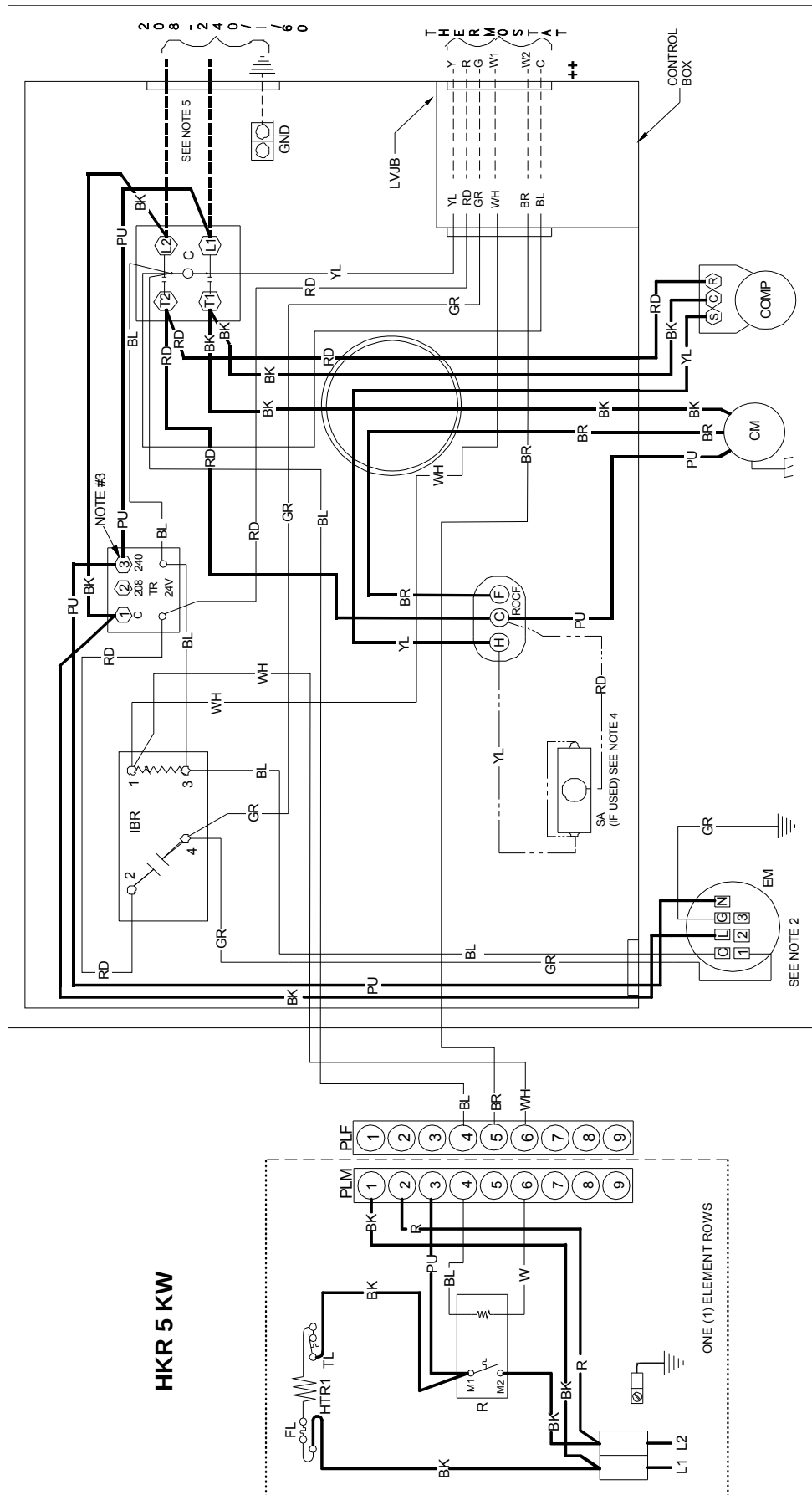
HIGH VOLTAGE!
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Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WIRING DIAGRAMS

GPC1360*21A/AA with HKR-05



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.

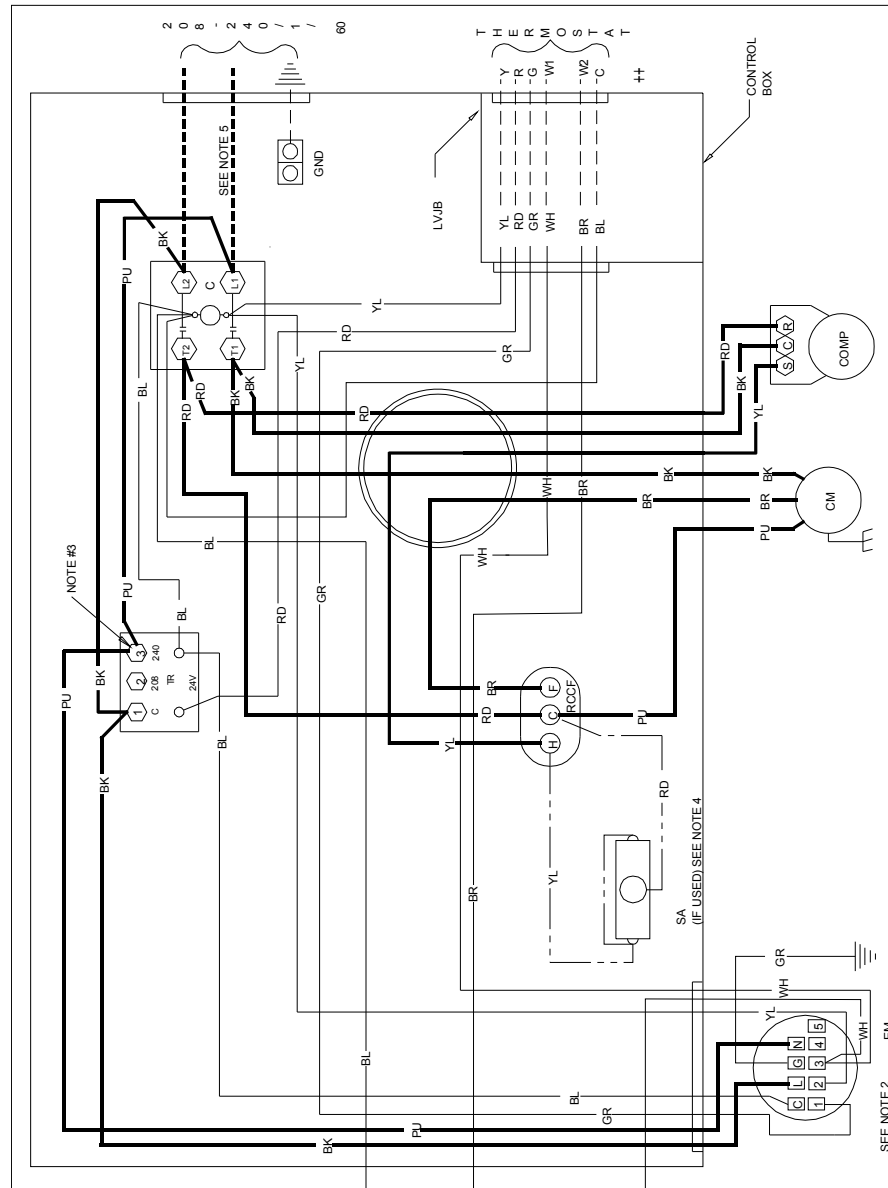
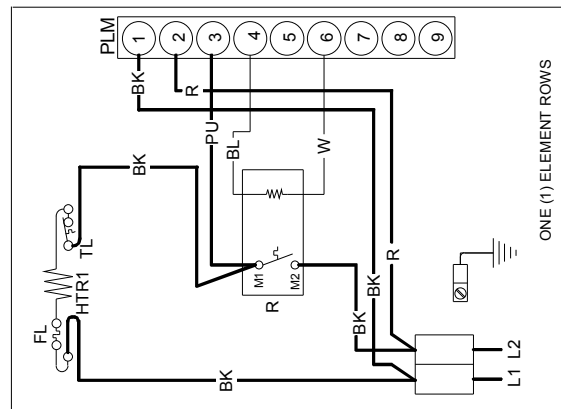
46

WIRING DIAGRAMS

GPC1360*21AB-AD with HKR-05



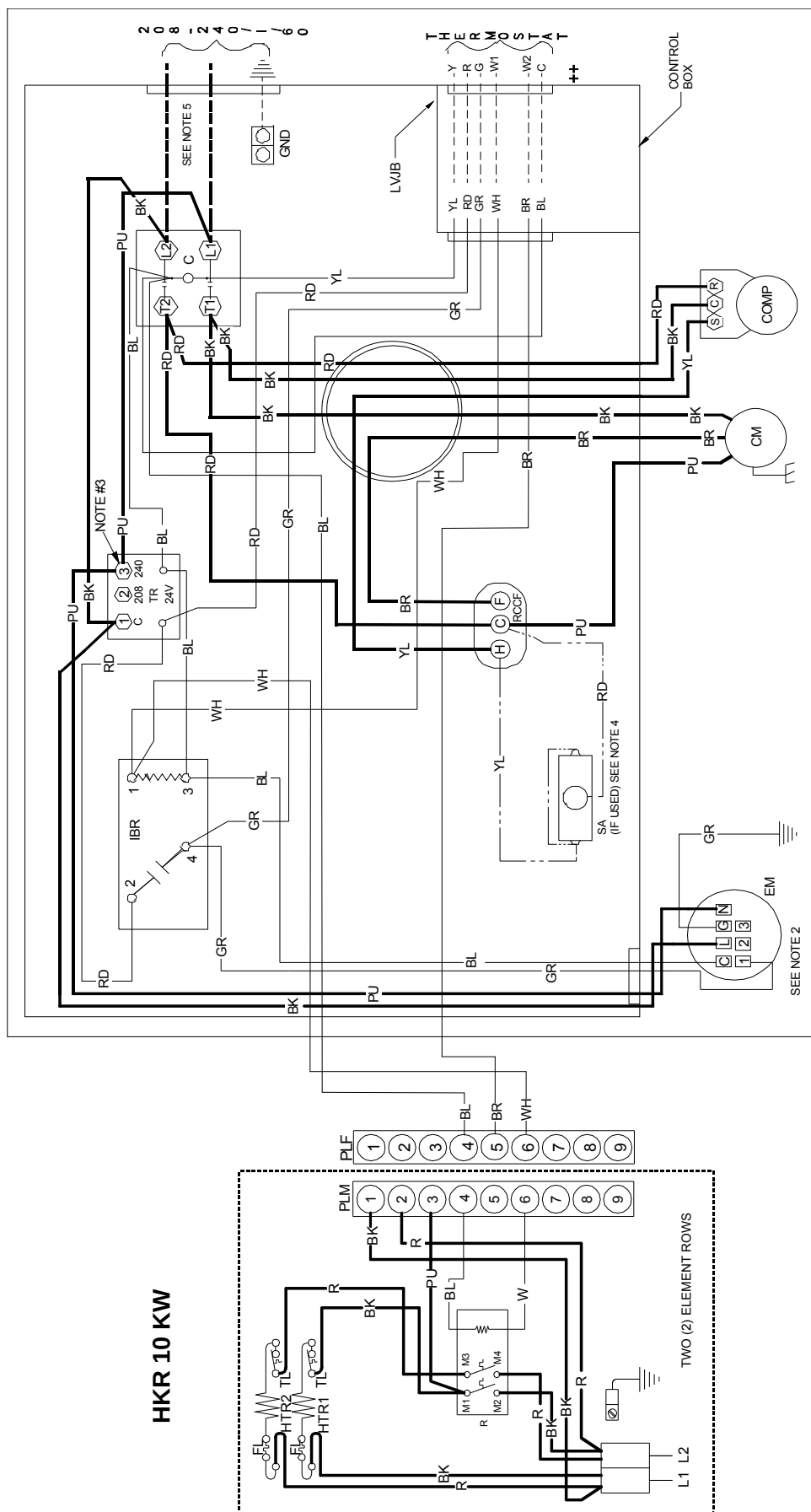
5 KW HKR



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

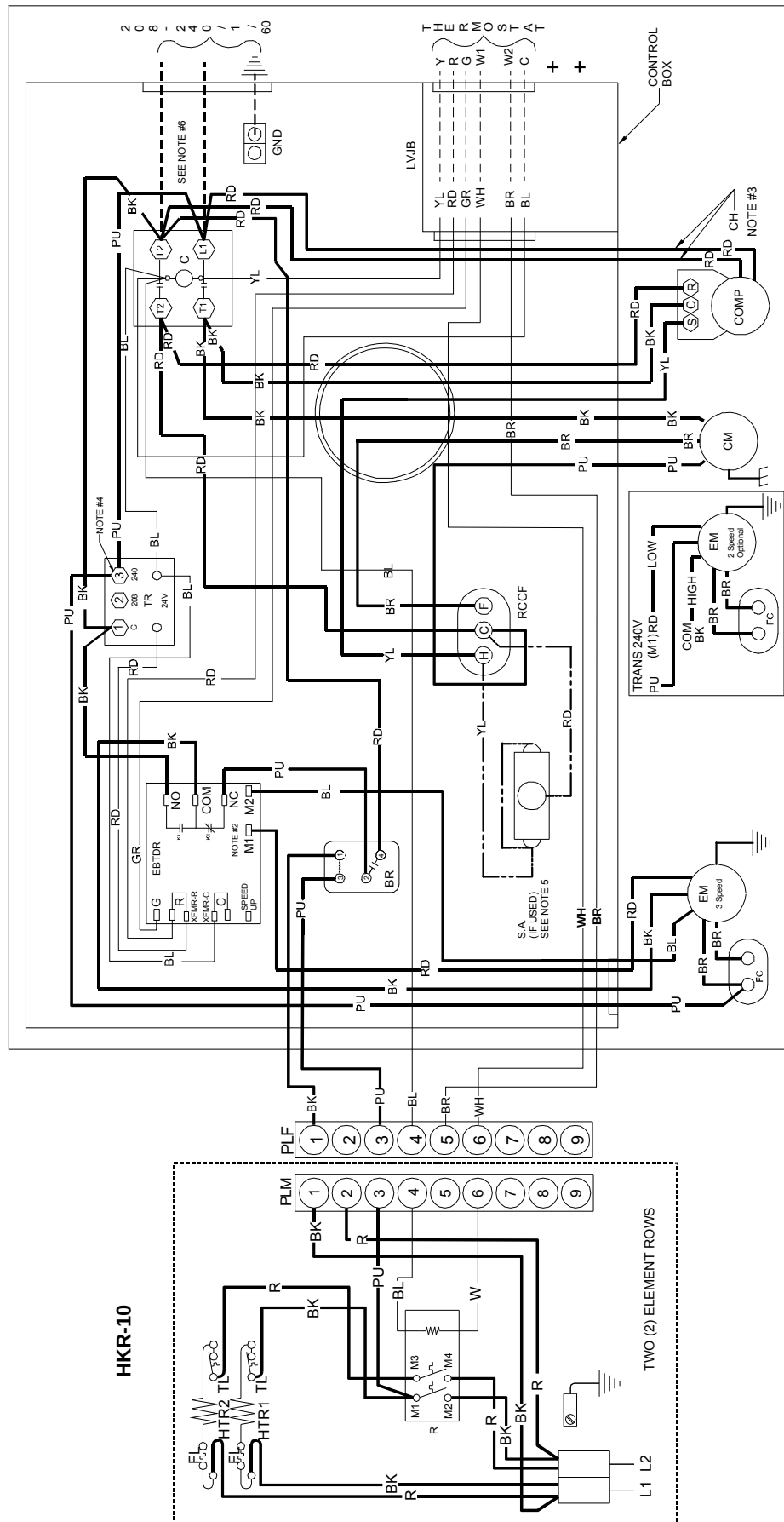
WARNING **HIGH VOLTAGE!** DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

HKR 10 KW



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

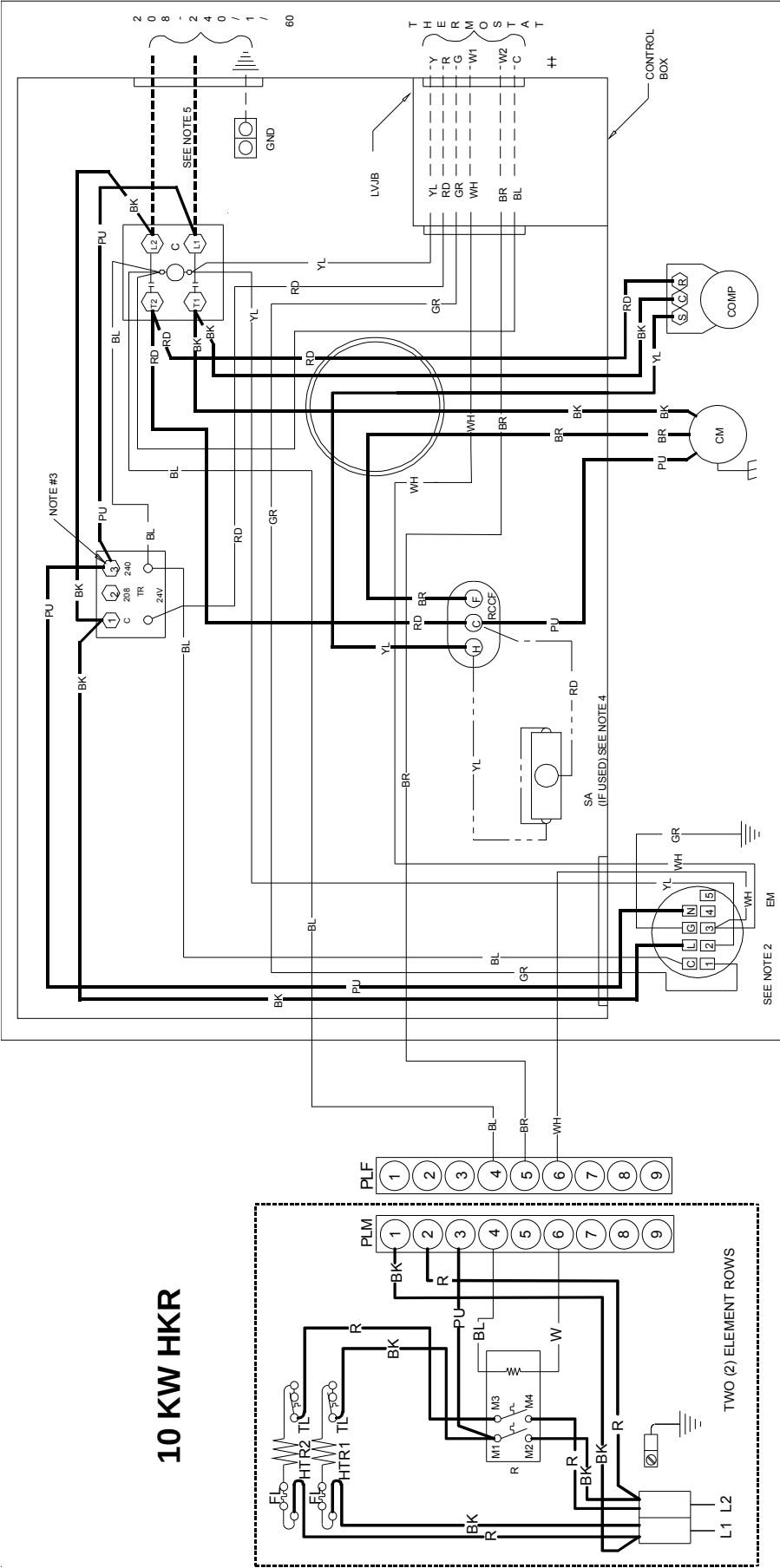
GPC1324-48*21AB-AE/B* with HKR-10



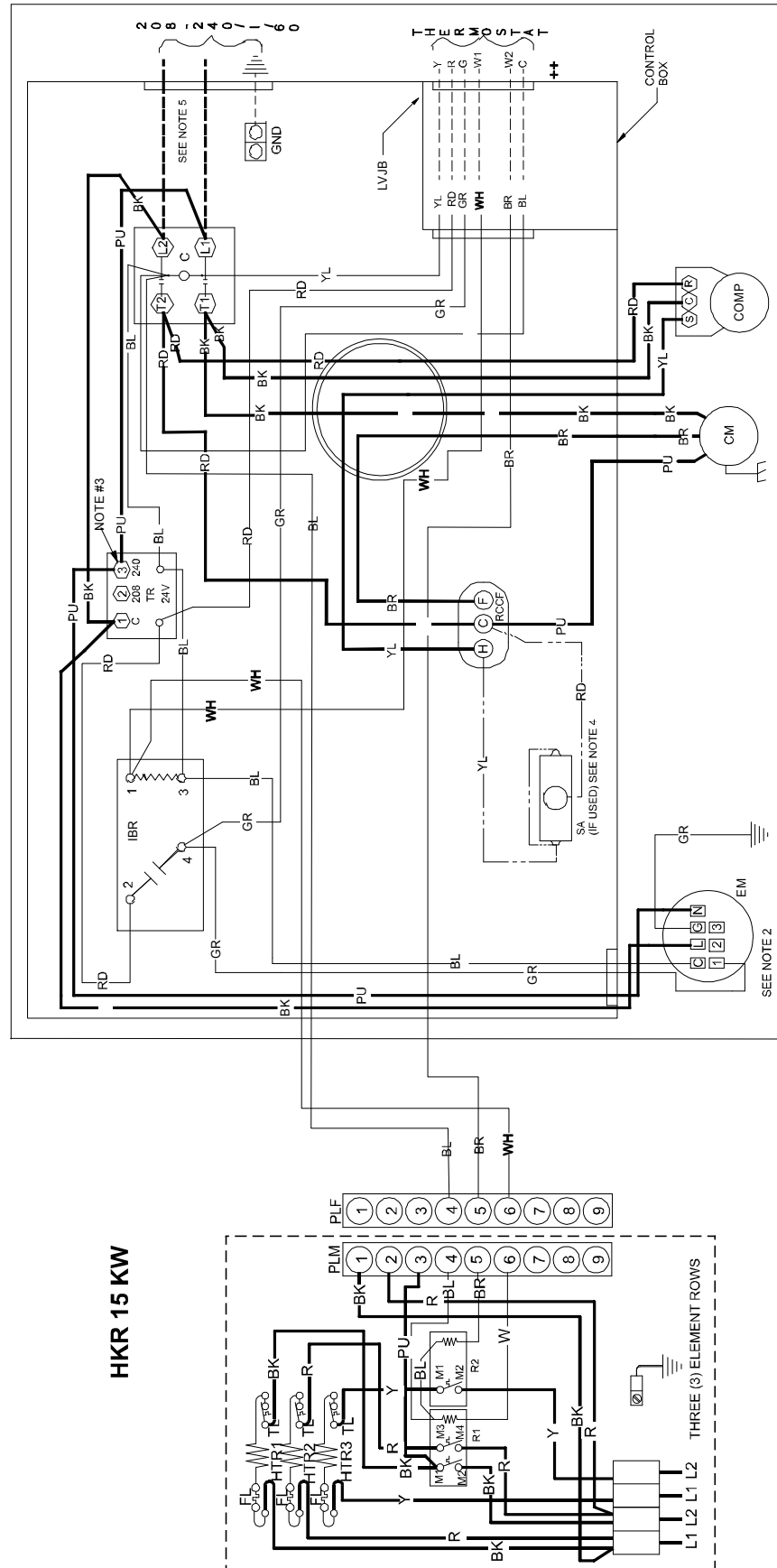
Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

**WARNING**

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



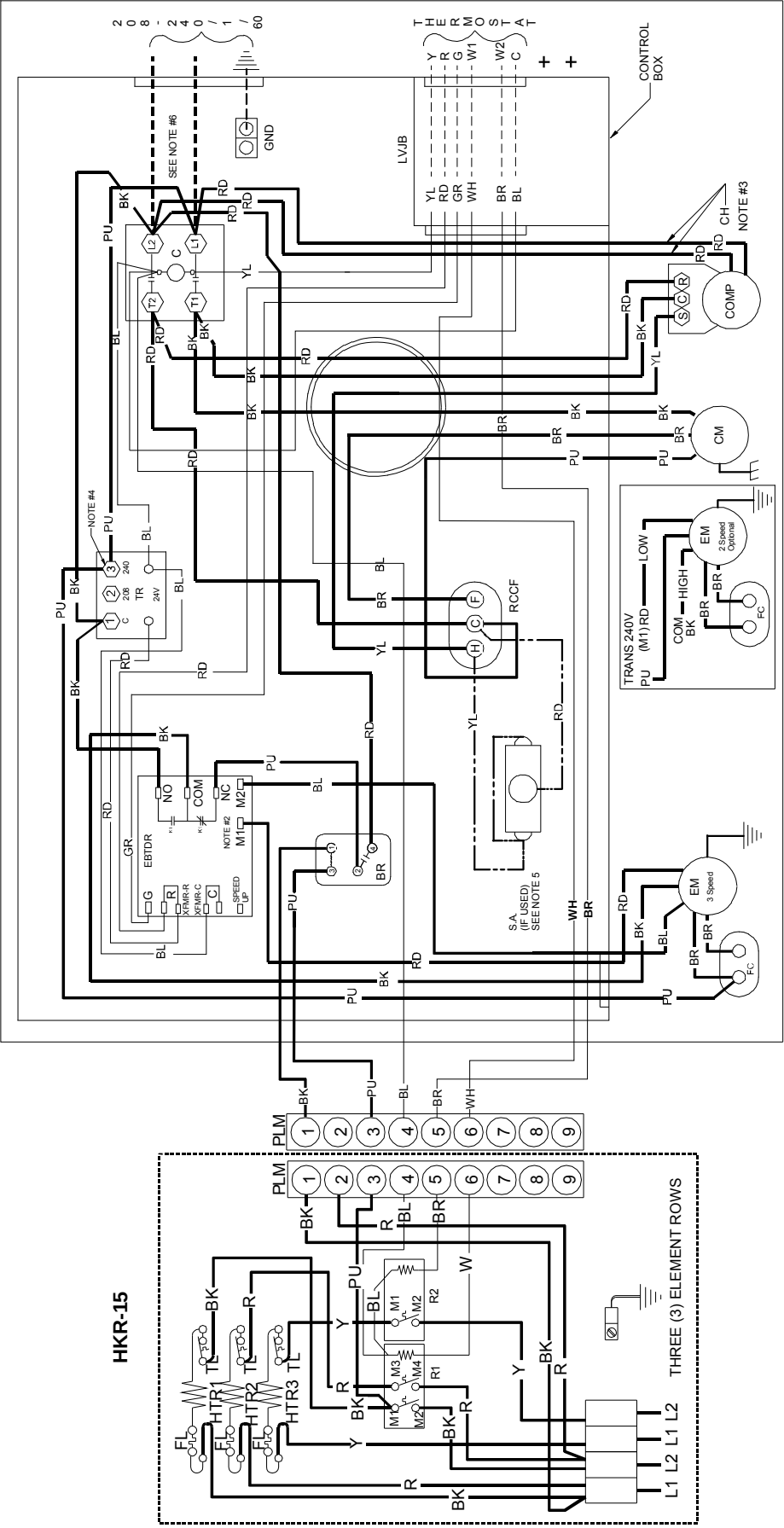
Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WIRING DIAGRAMS

GPC1324-48*21AB-AE/B* with HKR-15

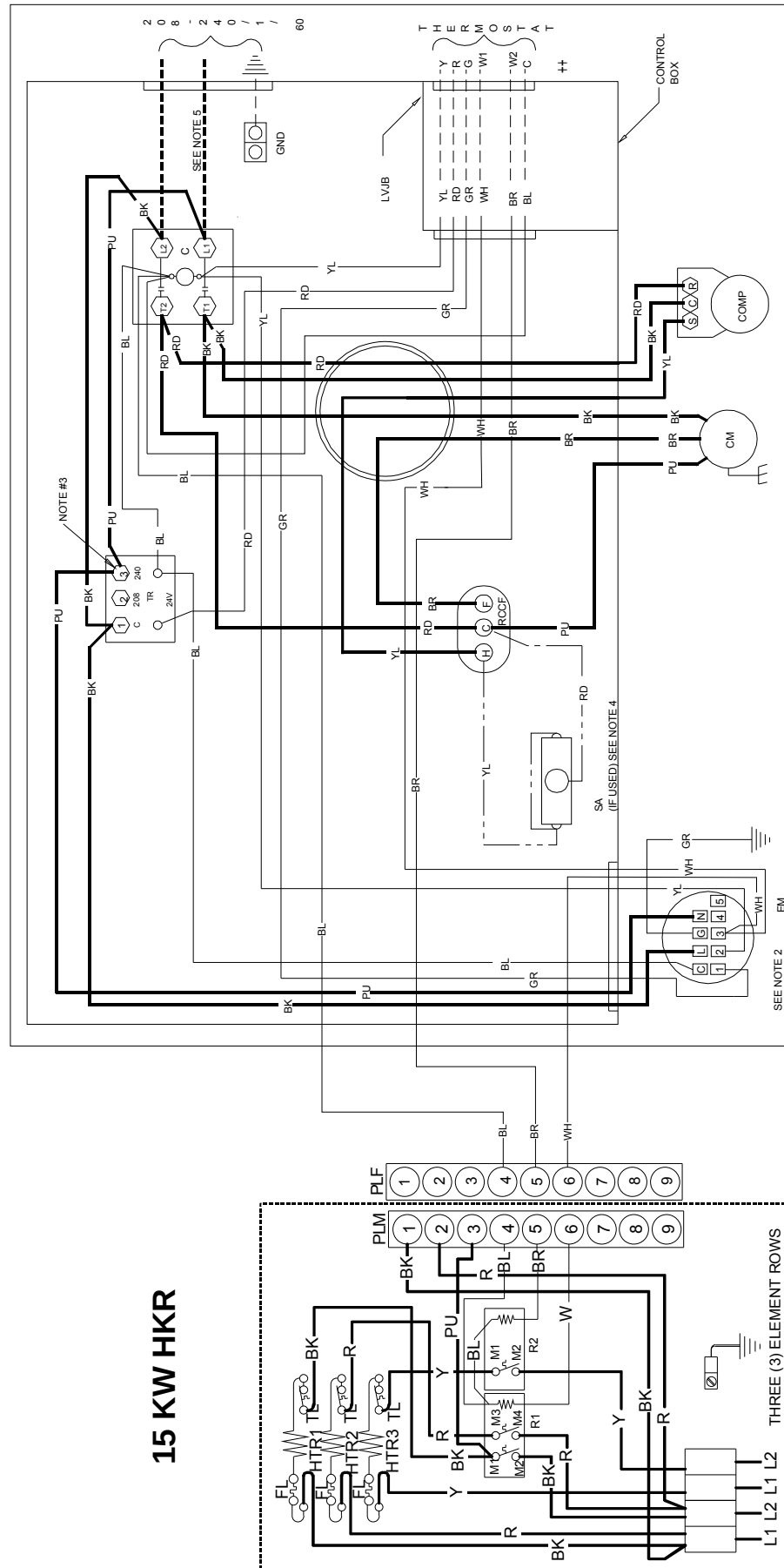
WARNING

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

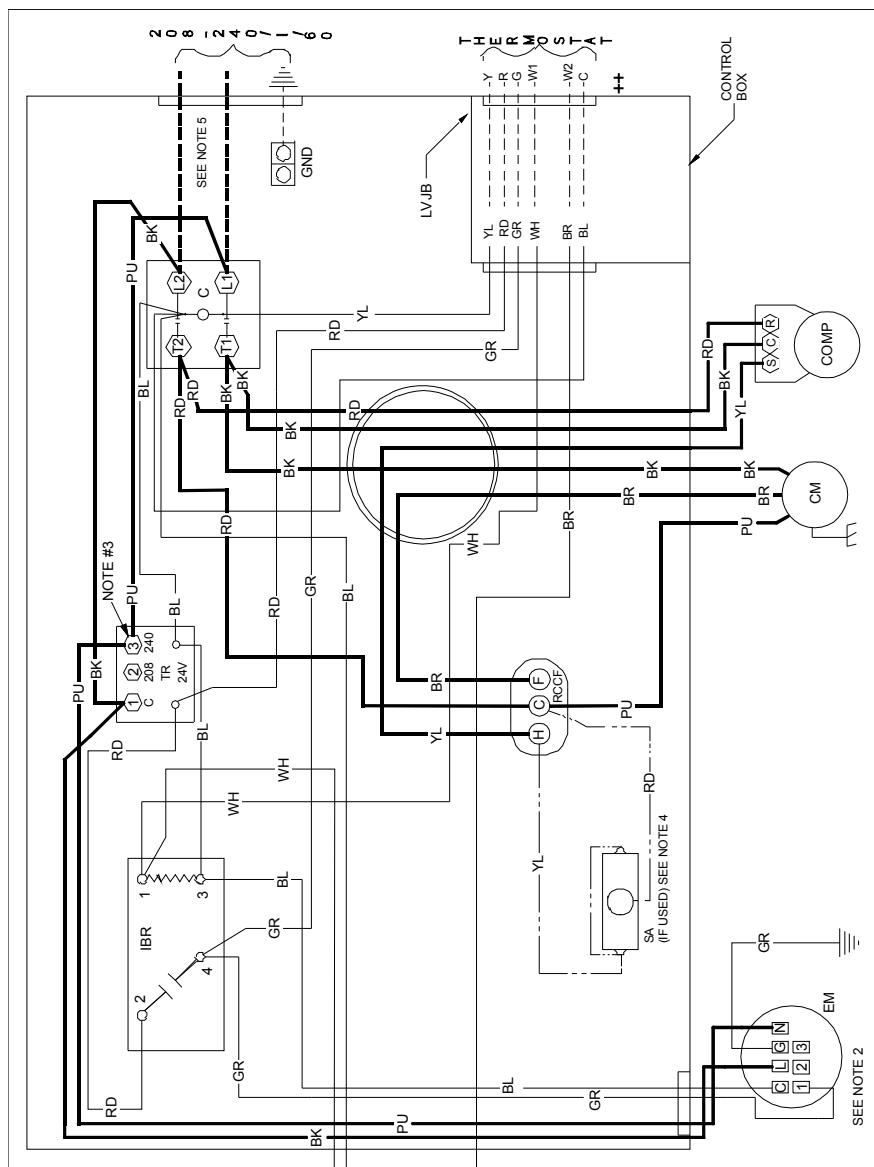
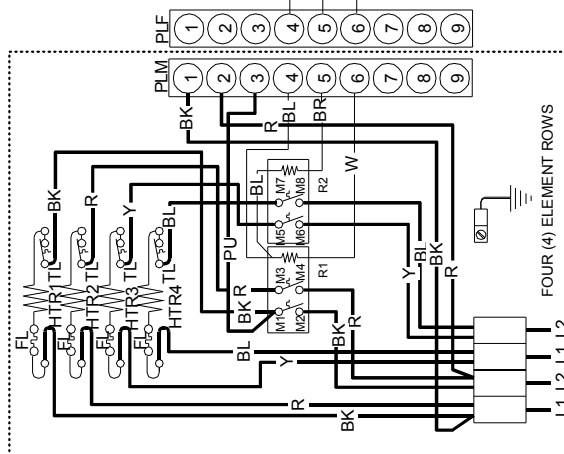
GPC1360*21AB-AD with HKR-15



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

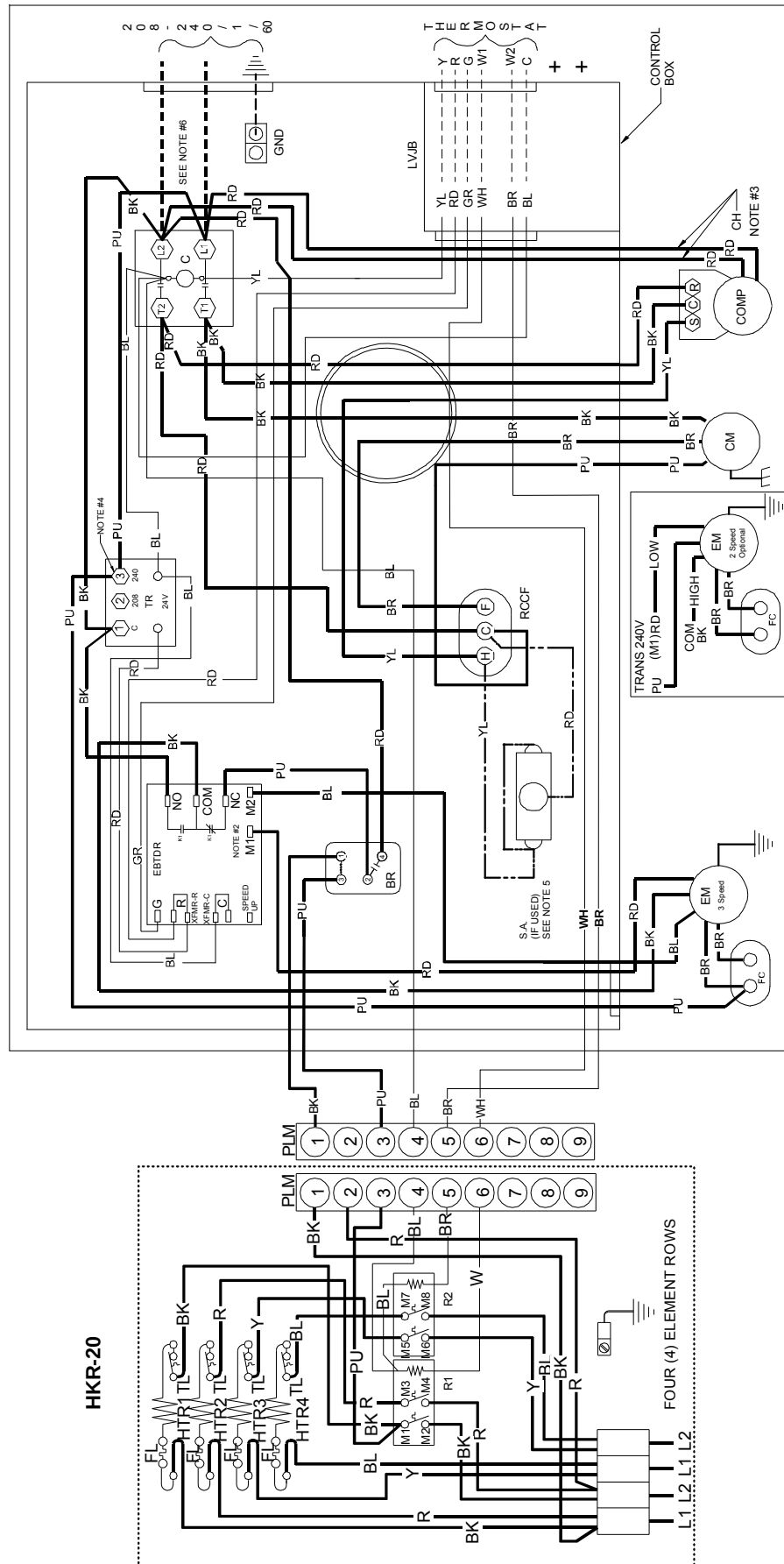
WARNING **HIGH VOLTAGE!** DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

HKR 20 KW



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

GPC1324-48*21AB-AE/B* with HKR-20



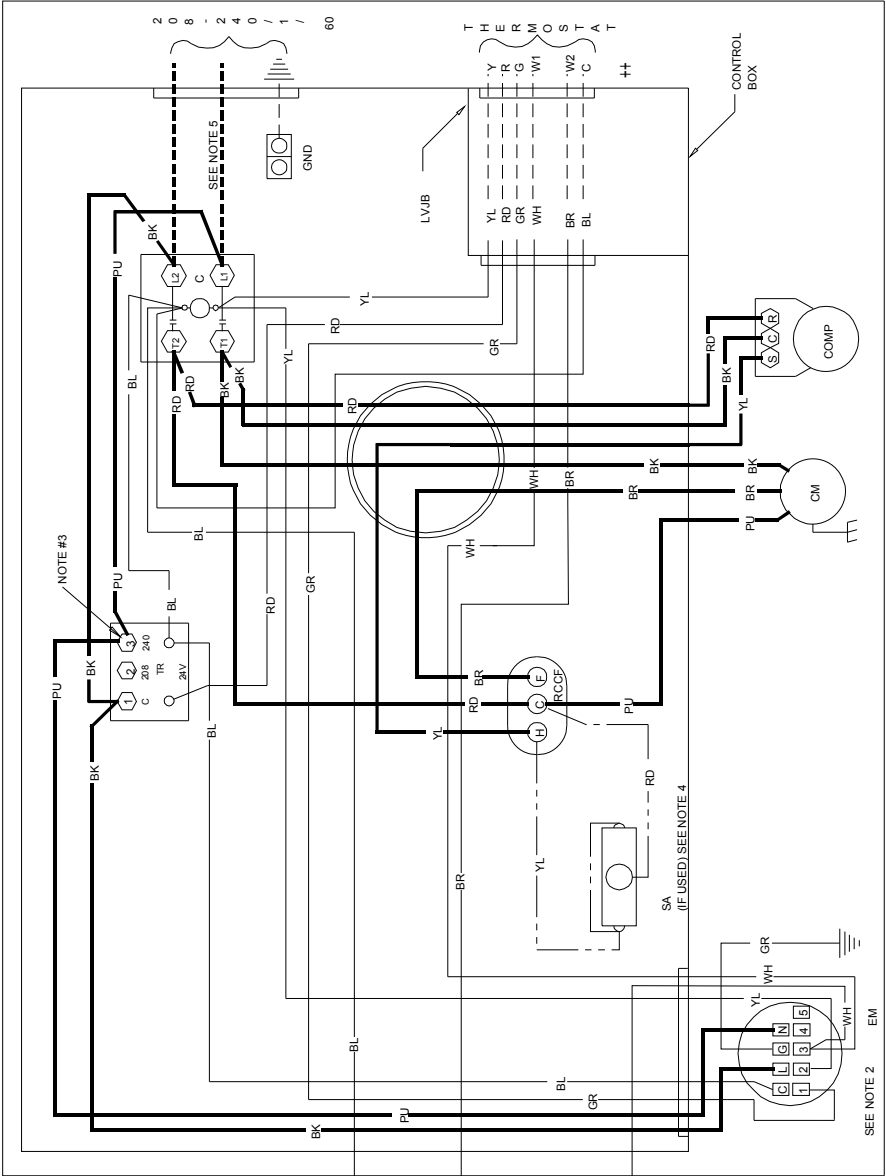
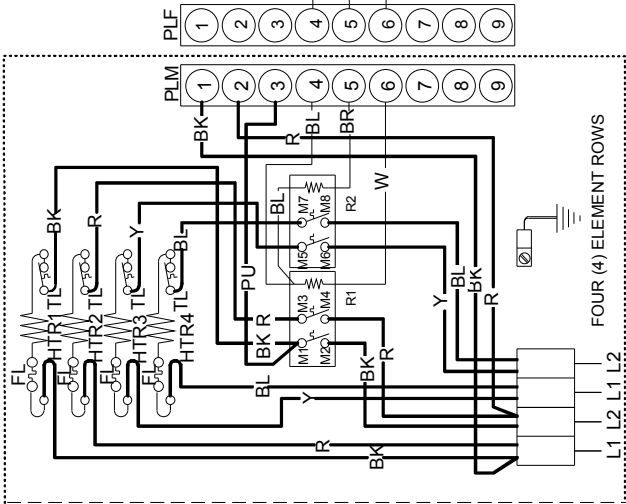
Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.



WARNING

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20 KW HKR



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