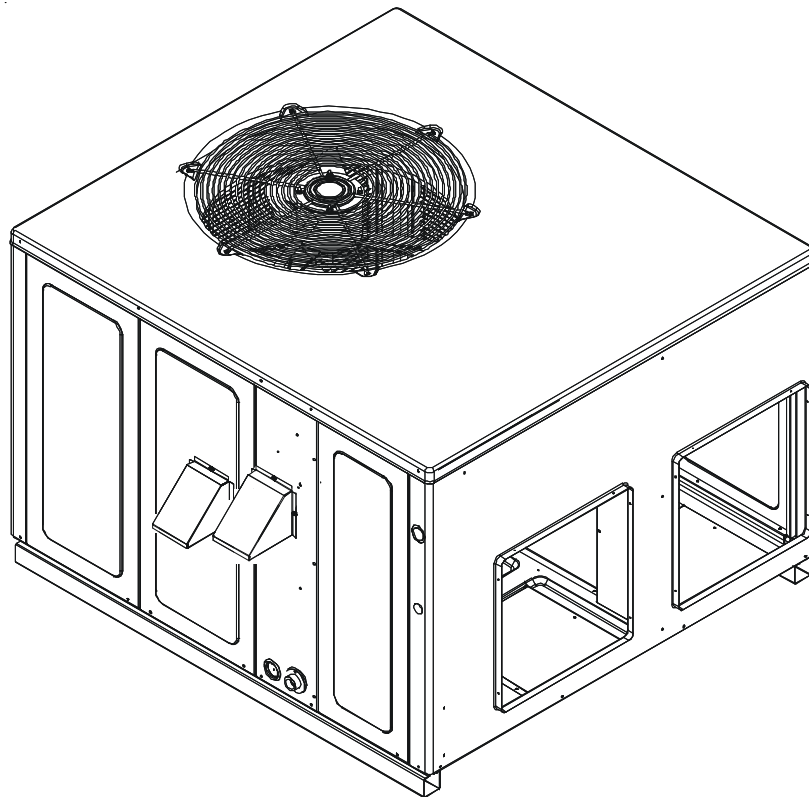


TECHNICAL MANUAL

***PG13**

Single Phase Package Gas Units

- Refer to Service Manual RS6300005 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.

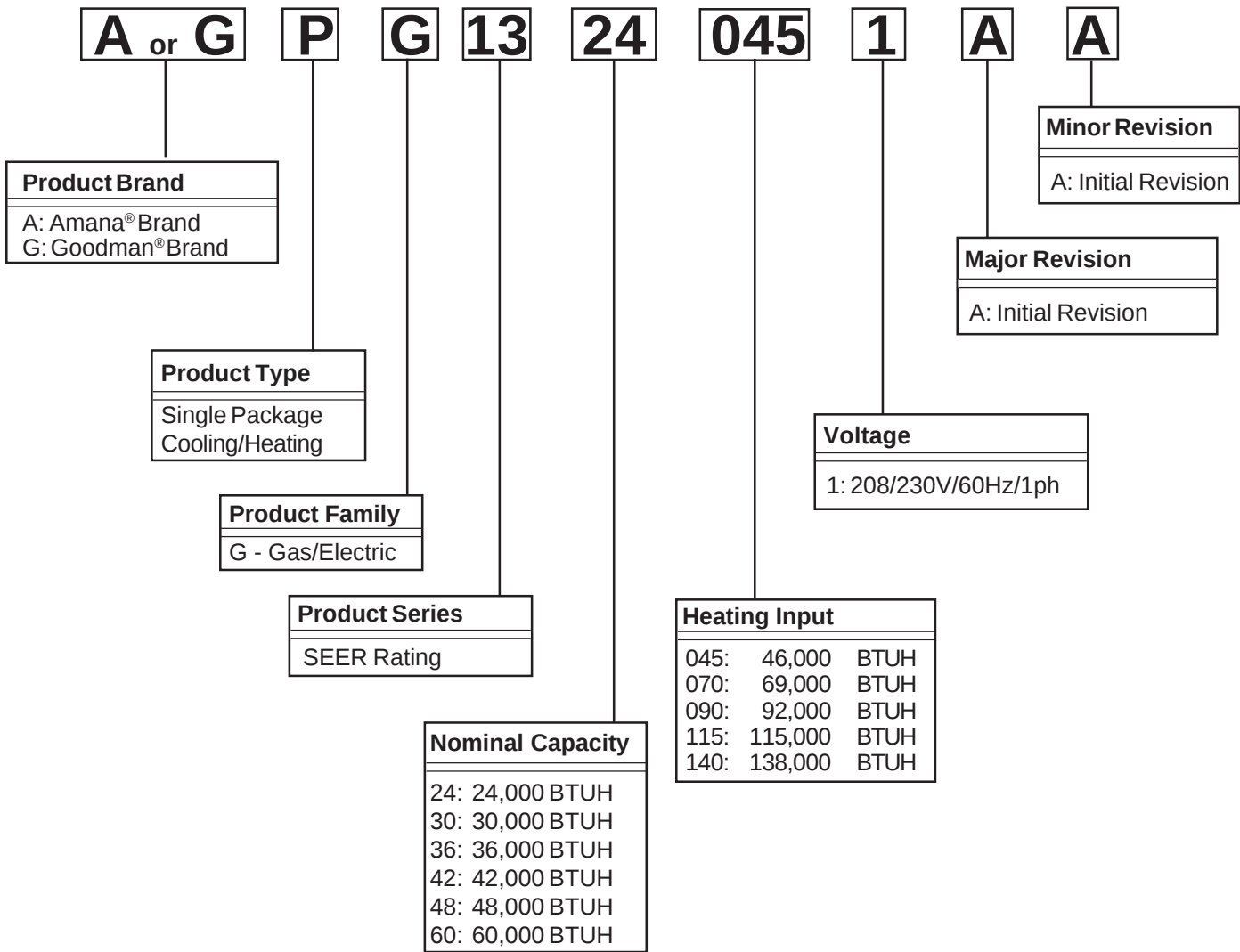


This manual is to be used by qualified, professionally trained HVAC technicians only. Goodman does not assume any responsibility for property damage or personal injury due to improper service procedures or services performed by an unqualified person.

RT6312002 Rev. 7
August 2009

PRODUCT IDENTIFICATION

The model number is used for positive identification of component parts used in manufacturing. Please use this number when requesting service or parts information.



**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 number is used for positive identification of component parts used in manufacturing. Please use this number when requesting service or parts information.

APG13240451AA	APG13300451AC	GPG13240451AA	GPG13300451AC
APG13240701AA	APG13300701AC	GPG13240701AA	GPG13300701AC
APG13300451AA	APG13360451AC	GPG13300451AA	GPG13360451AC
APG13300701AA	APG13360701AC	GPG13300701AA	GPG13360701AC
APG13360451AA	APG13360901AC	GPG13360451AA	GPG13360901AC
APG13360701AA	APG13480701AC	GPG13360701AA	GPG13480701AC
APG13360901AA	APG13480901AC	GPG13360901AA	GPG13480901AC
APG13420701AA	APG13481151AC	GPG13420701AA	GPG13481151AC
APG13420901AA		GPG13420901AA	
APG13480701AA	APG13240451BA	GPG13480701AA	GPG13240451BA
APG13480901AA	APG13240701BA	GPG13480901AA	GPG13240701BA
APG13481151AA		GPG13481151AA	
APG13600901AA	APG13600901BA	GPG13600901AA	GPG13600901BA
APG13601151AA	APG13601151BA	GPG13601151AA	GPG13601151BA
APG13601401AA	APG13601401BA	GPG13601401AA	GPG13601401BA
APG13300451AB	APG13240451BB	GPG13240701AB	GPG13240451BB
APG13300701AB	APG13240701BB	GPG13240901AB	GPG13240701BB
APG13360451AB	APG13300451BB	GPG13300451AB	GPG13300451BB
APG13360701AB	APG13300701BB	GPG13300701AB	GPG13300701BB
APG13360901AB	APG13600901BB	GPG13360451AB	GPG13600901BB
APG13420701AB	APG13601151BB	GPG13360701AB	GPG13601151BB
APG13420901AB	APG13601401BB	GPG13360901AB	GPG13601401BB
APG13480701AB		GPG13480701AB	
APG13480901AB	APG13240451CB	GPG13480901AB	GPG13240451CB
APG13481151AB	APG13240701CB	GPG13481151AB	GPG13240701CB



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

*PG13 Package Gas Units are designed for outdoor installations only in either residential or light commercial applications and are available in 1/2 through 5 ton sizes. They are designed for 208/230 volt single phase applications. (**PG13 3, 4 and 5 ton models are also available for 230V and 460V 3 phase applications. See Technical Manual RT6312003.*)

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

Refrigerant flow control is achieved by use of restrictor orifices on the 2-4 ton models and a TXV on the 5 ton models. *PG13 units use the FasTest Access Fitting System which consists of a saddle that is either soldered to the suction and liquid lines or is fastened with a locking nut to the access fitting box (core) and then screwed into the saddle. **NOTE: The core must not be removed from the saddle until the refrigerant charge has been removed. Failure to do so could result in property damage or personal injury.**

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

The outdoor fan and indoor blower motors are single phase permanent split capacitor type motors. *PG1348***1AB/C and *PG1360***1BA/B models are equipped with X-13 indoor blower motors. X-13 motors are constant torque motors with very low power consumption and are energized by a 24V signal from the ignition control. The X-13 features an integrated control module.

*The *PG1348***1A/AA and *PG1360***1A/AA utilize ECM™ indoor blower motors.*

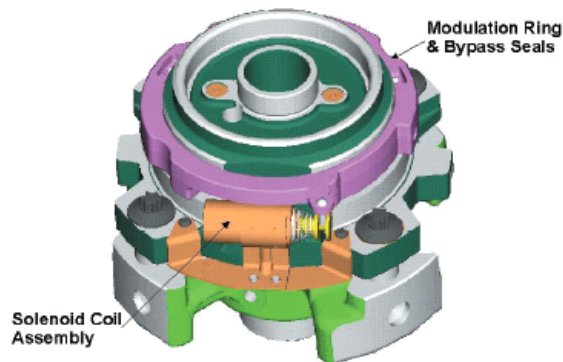
Air for condensing (cooling cycle) is drawn through the outdoor coil by a propeller fan, and is discharged vertically out the top of the unit. The outdoor coil is designed for .0 static. No additional restriction (ductwork) shall be applied.

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

Some models of the *PG13 series package units use the Compliant Scroll compressor, there are a number of design characteristics which are different from the traditional reciprocating compressor.

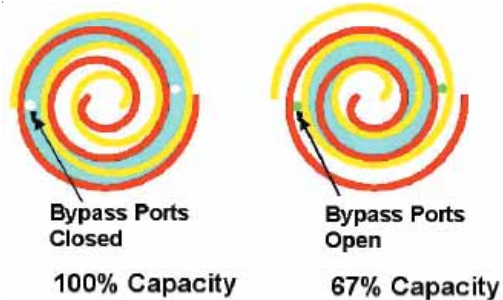
- Due to their design Scroll compressors are inherently more tolerant of liquid refrigerant. **NOTE:** Even though the compressor section of a Scroll compressor is more tolerant of liquid refrigerant, continued floodback or flooded start conditions may wash oil from the bearing surfaces causing premature bearing failure.
- These Scroll compressors use white oil which is compatible with 3GS. 3GS oil may be used if additional oil is required.
- Compliant scroll compressors perform "quiet" shutdowns that allow the compressor to restart immediately without the need for a time delay. This compressor will restart even if the system has not equalized.
- Operating pressures and amp draws may differ from standard reciprocating compressors. This information may be found in the "Cooling Performance Data" section.

Some other models of the *PG13 series package units use a 2 stage scroll compressor. The basic scroll design has been modified with the addition of an internal unloading mechanism that opens a by-pass port in the first compression pocket, effectively reducing the displacement of the scroll. The opening and closing of the by-pass port is controlled by an internal electrically operated solenoid.



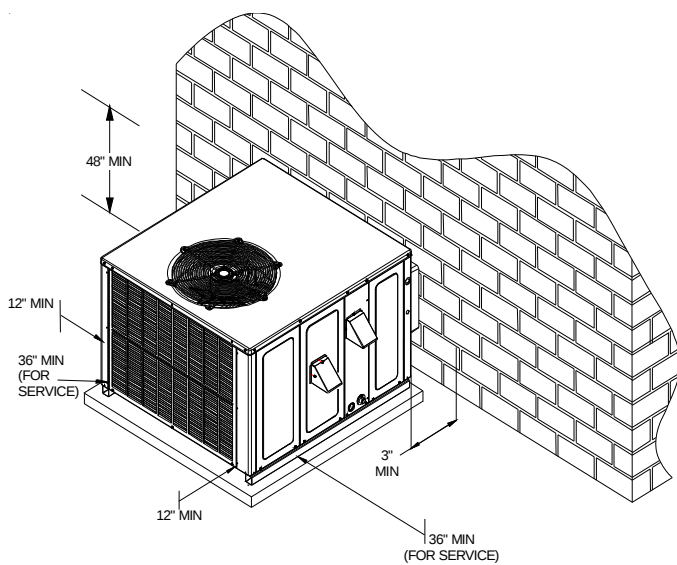
The ZRS modulated scroll uses a single step of unloading to go from full capacity to approximately 67% capacity. A single speed, high efficiency motor continues to run while the scroll modulates between the two capacity steps.

PRODUCT DESIGN



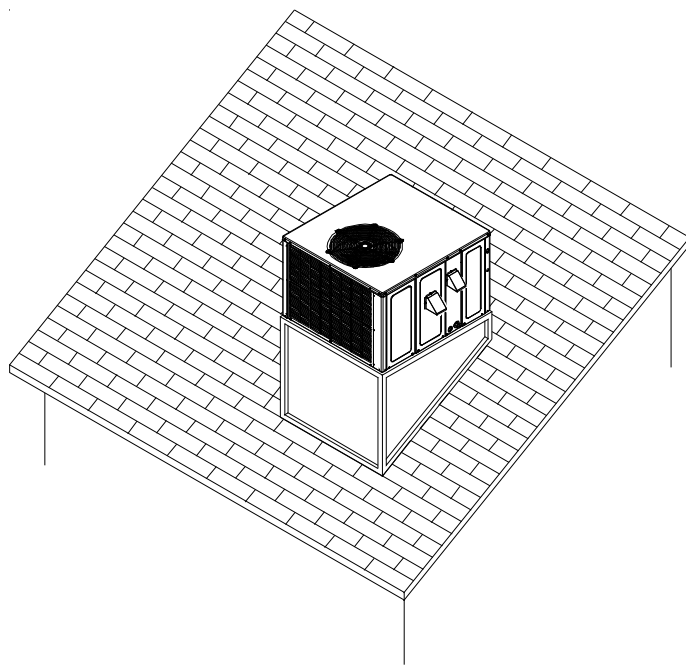
Location and Clearances

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



Outside Slab Installation

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



Rooftop Installation

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

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.

PRODUCT DESIGN

High Altitude Derate - U.S. Installations Only (Optional)

High Altitude Derate is not required for proper operation. The gas/electric units naturally derate with altitude. High Altitude Derate kit may be installed if desired.

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

When this package unit is installed at high altitude, the appropriate High Altitude orifice kit may be installed. As altitude increases, there is a natural reduction in the density of

both the gas fuel and combustion air. This kit will provide the proper design certified input rate within the specified altitude range. High altitude kits are not approved for use in Canada. For installations above 2,000 feet, use kit HA-02. The HA-02 kit is used for both Natural and LP gas at high altitudes.

Use LPT-00A propane conversion kit for propane conversions at altitudes below 2000 feet. Natural gas installations below 2000 feet do not require a kit.

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

NATURAL GAS AND LP GAS INSTALLATIONS AT ALTITUDES > 2000 FT

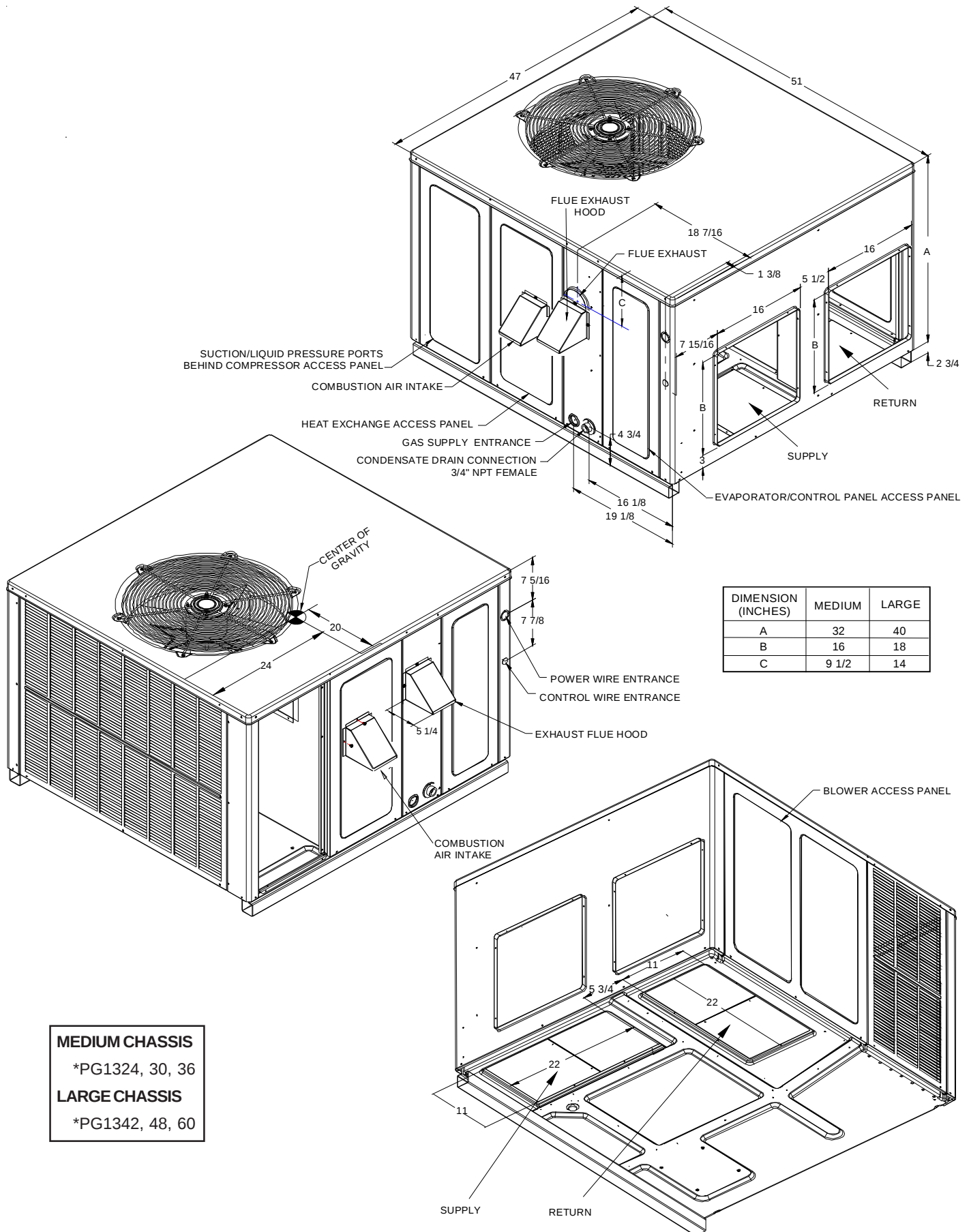
INPUT/BURNER	HIGH ALTITUDE KIT	20,000 BTUH NAT/20,000 BTUH/L.P.							
		ELEVATION ABOVE SEA-LEVEL (FEET)							
		2000	3000	4000	4500	5000	6000	7000	8000
U.S. BURNER ORIFICE	HA-02	45/55	47/55	47/56	-	47/56	48/57	48/58	49/58
CANADA BURNER ORIFICE		45/55	-	-	48/57	-	-	-	-

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

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

PACKAGE GAS SPECIFICATIONS

UNIT DIMENSIONS



MEDIUM CHASSIS

*PG1324, 30, 36

LARGE CHASSIS

*PG1342, 48, 60

PRODUCT DIMENSIONS

PG13[24-36]1AA**

		*PG13240451A	*PG13240701A	*PG13300451A	*PG13300701A	*PG13360451A
COOLING CAPACITY	COOLING CAPACITY, BTUH	24,000	24,000	29,000	29,000	35,400
	SEER	13.00	13.00	13.00	13.00	13.00
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	46,000	69,000	46,000	69,000	46,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	36,700	55,000	36,700	55,000	36,700
	AFUE (%)	80	80	80	80	80
	TEMPERATURE RISE (°F)	30-60	35-65	30-60	35-65	30-60
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
	UNIT AMPS (TOTAL)	9.2	9.2	11.7	11.7	13.1
	MINIMUM CIRCUIT AMPACITY	15.1	15.1	16.6	16.6	21.6
	MAXIMUM OVERCURRENT PROTECTION ⁽³⁾	20	20	20	20	30
HEATING SECTION	NUMBER OF BURNERS	2	3	2	3	2
	ORIFICE SIZE NATURAL	43	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55	55
COMPRESSOR	TYPE	RECIP.	RECIP.	RECIP.	RECIP.	RECIP.
	RATED LOAD AMPS	9.2	9.2	9.7	9.7	12.2
	LOCKED ROTOR AMPS	43	43	60	60	73
CONDENSER FAN MOTOR	HORSEPOWER	1/6	1/6	1/4	1/4	1/4
	RPM	850	850	1075	1075	1075
	FULL LOAD AMPS	1.5	1.5	1.5	1.5	1.5
	LOCKED ROTOR AMPS	2.1	2.1	3.3	3.3	3.3
CONDENSER FAN	BLADE DIAMETER (INCHES)	22	22	22	22	22
	NUMBER OF BLADES	3	3	3	3	3
	CFM	2400	2400	2700	2700	2700
CONDENSER COIL	FACE AREA - SQ. FT.	12.4	12.4	12.4	12.4	12.4
	NUMBER OF ROWS	1	1	1	1	2
	FINS PER INCH	19	19	19	19	16
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/4 - 3	1/4 - 3	1/3 - 4	1/3 - 4	1/3 - 4
	FULL LOAD AMPS	1.5	1.5	1.9	1.9	1.9
	LOCKED ROTOR AMPS	2.2	2.2	3.6	3.6	3.6
	MOTOR SPEED TAP - COOLING	Med	Med	Med-Low	Med-Low	Med-High
	RPM / AMPS	970 / 1.1	970 / 1.1	1000 / 1.5	1000 / 1.5	1070 / 1.9
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10x8	10x8	10x8	10x8	10x9
	RATED SCFM COOLING	750	750	1000	1000	1200
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	4.33	4.33	4.33	4.33	4.33
	NUMBER OF ROWS	3	3	3	3	4
	FINS PER INCH	14	14	14	14	14
	FILTER SIZE - SQ. FT. ⁽²⁾	2.7	2.7	3.3	3.3	4.2
	DRAIN SIZE (INCHES)	3/4	3/4	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	150	150	150	150	160
	AUXILIARY LIMIT SETTING (°F)	150	150	150	150	150
	ROLLOUT LIMIT SETTING (°F)	300	300	300	300	300
GENERAL INFORMATION	PISTON EXPANSION DEVICE	.059	.059	.068	.068	.071
	REFRIGERANT CHARGE R-22 (Oz.)	77	77	77	77	112
	POWER SUPPLY ENTRANCE SIZE (INCHES)	1-1/8	1-1/8	1-1/8	1-1/8	1-1/8
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	7/8	7/8	7/8	7/8	7/8
	SHIPPING WEIGHT LBS.	435	439	438	422	470
	OPERATING WEIGHT LBS.	412	417	415	420	449

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

(2) Calculated external filter size based on air velocity of 300 ft/min. and applies to disposable filters **only**.

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

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

PACKAGE GAS SPECIFICATIONS

PG13[36-48]1AA**

		*PG13360701A	*PG13360901A	*PG13420701A	*PG13420901A	*PG13480701AA
COOLING CAPACITY	COOLING CAPACITY, BTUH	35,400	35,400	40,600	40,600	47,000
	SEER	13.00	13.00	13.00	13.00	13.00
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	69,000	92,000	69,000	92,000	69,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	55,000	72,900	55,000	72,900	55,000
	AFUE (%)	80	80	80	80	80
	TEMPERATURE RISE (°F)	35-65	45-75	35-65	45-75	35-65
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
	UNIT AMPS (TOTAL)	13.1	13.1	16.6	16.6	18.5
	MINIMUM CIRCUIT AMPACITY	21.6	21.6	25.6	25.6	30.9
	MAXIMUM OVERCURRENT PROTECTION	30	30	40	40	40
HEATING SECTION	NUMBER OF BURNERS	3	4	3	4	3
	ORIFICE SIZE NATURAL	43	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55	55
COMPRESSOR	TYPE	RECIP.	RECIP.	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	12.2	12.2	16.5	16.5	20.0
	LOCKED ROTOR AMPS	73	73	95	95	104
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4	1/4	1/4	1/3
	RPM	1075	1075	1075	1075	1075
	FULL LOAD AMPS	1.5	1.5	1.5	1.5	2.5
	LOCKED ROTOR AMPS	3.3	3.3	3.3	3.3	5.6
CONDENSER FAN	BLADE DIAMETER (INCHES)	22	22	22	22	22
	NUMBER OF BLADES	3	3	3	3	4
	CFM	2700	2700	2700	2700	3500
CONDENSER COIL	FACE AREA - SQ. FT.	12.4	12.4	15.3	15.3	15.3
	NUMBER OF ROWS	2	2	1	1	2
	FINS PER INCH	16	16	19	19	16
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/3 - 4	1/3 - 4	1/3 - 4	1/3 - 4	3/4 - ECM
	FULL LOAD AMPS	1.9	1.9	2.1	2.1	7.0
	LOCKED ROTOR AMPS	3.6	3.6	4.5	4.5	ECM
	MOTOR SPEED TAP - COOLING	Med-High	Med-High	Med	Med	"B" Tap
	RPM / AMPS	980 / 1.9	980 / 1.9	940 / 2.1	940 / 2.1	990 / 6.6
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10x9	10x9	10x10	10x10	11x10
	RATED SCFM COOLING	1200	1200	1350	1350	1510
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	4.33	4.33	5.67	5.67	5.67
	NUMBER OF ROWS	4	4	4	4	4
	FINS PER INCH	14	14	14	14	14
	FILTER SIZE - SQ. FT. ⁽²⁾	4.2	4.2	4.7	4.7	5.1
	DRAIN SIZE (INCHES)	3/4	3/4	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	160	160	170	170	160
	AUXILIARY LIMIT SETTING (°F)	150	150	150	150	150
	ROLLOUT LIMIT SETTING (°F)	300	300	300	300	300
GENERAL INFORMATION	PISTON EXPANSION DEVICE	.071	.071	.078	.078	.080
	REFRIGERANT CHARGE R-22 (Oz.)	112	112	107	107	145
	POWER SUPPLY ENTRANCE SIZE (INCHES)	1-1/8	1-1/8	1-1/8	1-1/8	1-1/8
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	7/8	7/8	7/8	7/8	7/8
	SHIPPING WEIGHT LBS.	475	480	515	520	540
	OPERATING WEIGHT LBS.	453	458	493	496	518

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

(2) Calculated external filter size based on air velocity of 300 ft/min. and applies to disposable filters **only**.

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

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

PACKAGE GAS SPECIFICATIONS

PG13[48-60]1AA**

		*PG13480901A	*PG13481151A	*PG13600901A	GPG13601151A	GPG13601401A
COOLING CAPACITY	COOLING CAPACITY, BTUH	47,000	47,000	55,000	55,000	55,000
	SEER	13.00	13.00	13.00	13.00	13.00
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	92,000	115,000	92,000	115,000	138,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	72,900	91,200	72,900	91,200	110,200
	AFUE (%)	80	80	80	80	80
	TEMPERATURE RISE (°F)	45-75	45-75	45-75	45-75	45-75
UNIT	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
ELECTRICAL SPECIFICATION	UNIT AMPS (TOTAL)	18.5	18.5	23.1	23.1	23.1
	MINIMUM CIRCUIT AMPACITY	30.9	30.9	37.1	37.1	37.1
	MAXIMUM OVERCURRENT PROTECTION	40	40	50	50	50
HEATING SECTION	NUMBER OF BURNERS	4	5	4	5	6
	ORIFICE SIZE NATURAL	43	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55	55
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	20.0	20.0	24.6	24.6	24.6
	LOCKED ROTOR AMPS	104	104	118	118	118
CONDENSER FAN MOTOR	HORSEPOWER	1/3	1/3	1/3	1/3	1/3
	RPM	1075	1075	1075	1075	1075
	FULL LOAD AMPS	2.5	2.5	2.5	2.5	2.5
	LOCKED ROTOR AMPS	5.6	5.6	5.6	5.6	5.6
CONDENSER FAN	BLADE DIAMETER (INCHES)	22	22	22	22	22
	NUMBER OF BLADES	4	4	4	4	4
	CFM	3500	3500	3500	3500	3500
CONDENSER COIL	FACE AREA - SQ. FT.	15.3	15.3	15.3	15.3	15.3
	NUMBER OF ROWS	2	2	2	2	2
	FINS PER INCH	16	16	16	16	16
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	3/4 - ECM	3/4 - ECM	1 - ECM	1 - ECM	1 - ECM
	FULL LOAD AMPS	7.0	7.0	7.0	7.0	7.0
	LOCKED ROTOR AMPS	ECM	ECM	ECM	ECM	ECM
	MOTOR SPEED TAP - COOLING	"B" Tap	"B" Tap	"A" Tap	"A" Tap	"A" Tap
	RPM / AMPS	990 / 6.6	990 / 6.6	1080 / 4.7	1080 / 4.7	1080 / 4.7
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	11x10	11x10	11x10	11x10	11x10
	RATED SCFM COOLING	1510	1510	1810	1810	1810
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	5.67	5.67	5.67	5.67	5.67
	NUMBER OF ROWS	4	4	4	4	4
	FINS PER INCH	14	14	14	14	14
	FILTER SIZE - SQ. FT. ⁽²⁾	5.1	5.1	6.3	6.3	6.3
	DRAIN SIZE (INCHES)	3/4	3/4	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	160	170	170	170	160
	AUXILIARY LIMIT SETTING (°F)	150	150	150	150	150
	ROLLOUT LIMIT SETTING (°F)	300	300	300	300	300
GENERAL INFORMATION	PISTON EXPANSION DEVICE	.080	.080	TXV	TXV	TXV
	REFRIGERANT CHARGE R-22 (Oz.)	145	145	145	145	145
	POWER SUPPLY ENTRANCE SIZE (INCHES)	1-1/8	1-1/8	1-1/8	1-1/8	1-1/8
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	7/8	7/8	7/8	7/8	7/8
	SHIPPING WEIGHT LBS.	545	550	555	560	565
	OPERATING WEIGHT LBS.	523	528	533	538	543

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

(2) Calculated external filter size based on air velocity of 300 ft/min. and applies to disposable filters **only**.

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

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

PACKAGE GAS SPECIFICATIONS

PG13[30-36]1AB**

		*PG13300451AB	*PG13300701AB	*PG13360451AB	*PG13360701AB	*PG13360901AB
COOLING CAPACITY	COOLING CAPACITY, BTUH	29,000	29,000	35,400	35,400	35,400
	SEER	13.00	13.00	13.00	13.00	13.00
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	46,000	69,000	46,000	69,000	92,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	36,700	55,000	36,700	55,000	72,900
	AFUE (%)	80	80	80	80	80
	TEMPERATURE RISE (°F)	30-60	35-65	30-60	35-65	45-75
ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
	UNIT AMPS (TOTAL)	11.7	11.7	13.1	13.1	13.1
	MINIMUM CIRCUIT AMPACITY	16.6	16.6	21.6	21.6	21.6
	MAXIMUM OVERCURRENT PROTECTION ⁽³⁾	20	20	30	30	30
HEATING SECTION	NUMBER OF BURNERS	2	3	2	3	4
	ORIFICE SIZE NATURAL	43	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55	55
COMPRESSOR	TYPE	RECIP.	RECIP.	RECIP.	RECIP.	RECIP.
	RATED LOAD AMPS	9.7	9.7	12.2	12.2	12.2
	LOCKED ROTOR AMPS	60	60	73	73	73
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4	1/4	1/4	1/4
	RPM	1075	1075	1075	1075	1075
	FULL LOAD AMPS	1.5	1.5	1.5	1.5	1.5
	LOCKED ROTOR AMPS	3.3	3.3	3.3	3.3	3.3
CONDENSER FAN	BLADE DIAMETER (INCHES)	22	22	22	22	22
	NUMBER OF BLADES	3	3	3	3	3
	CFM	2700	2700	2700	2700	2700
CONDENSER COIL	FACE AREA - SQ. FT.	12.4	12.4	12.4	12.4	12.4
	NUMBER OF ROWS	1	1	2	2	2
	FINS PER INCH	19	19	16	16	16
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/3 - 3	1/3 - 3	1/3 - 3	1/3 - 3	1/3 - 3
	FULL LOAD AMPS	1.9	1.9	3.0	3.0	3.0
	LOCKED ROTOR AMPS	3.1	3.1	4.1	4.1	4.1
	MOTOR SPEED TAP - COOLING	Low	Low	Med	Med	Med
	RPM / AMPS	1000 / 1.5	1000 / 1.5	910 / 2.0	910 / 2.0	910 / 2.0
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10x8	10x8	10x9	10x9	10x9
	RATED SCFM COOLING	1000	1000	1200	1200	1200
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	4.33	4.33	4.33	4.33	4.33
	NUMBER OF ROWS	3	3	4	4	4
	FINS PER INCH	14	14	14	14	14
	FILTER SIZE - SQ. FT. ⁽²⁾	3.3	3.3	4.2	4.2	4.2
	DRAIN SIZE (INCHES)	3/4	3/4	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	150	150	160	160	160
	AUXILIARY LIMIT SETTING (°F)	150	150	150	150	150
	ROLLOUT LIMIT SETTING (°F)	300	300	300	300	300
GENERAL INFORMATION	PISTON EXPANSION DEVICE	.068	.068	.071	.071	.071
	REFRIGERANT CHARGE R-22 (Oz.)	77	77	112	112	112
	POWER SUPPLY ENTRANCE SIZE (INCHES)	1-1/8	1-1/8	1-1/8	1-1/8	1-1/8
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	7/8	7/8	7/8	7/8	7/8
	SHIPPING WEIGHT LBS.	438	422	470	475	480
	OPERATING WEIGHT LBS.	415	420	449	453	458

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

(2) Calculated external filter size based on air velocity of 300 ft/min. and applies to disposable filters **only**.

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

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

PACKAGE GAS SPECIFICATIONS

PG13[42-48]1AB**

		*PG13420701AB	*PG13420901AB	*PG13480701AB	*PG13480901AB	*PG13481151AB
COOLING CAPACITY	COOLING CAPACITY, BTUH	40,600	40,600	47,000	47,000	47,000
	SEER	13.00	13.00	13.00	13.00	13.00
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	69,000	92,000	69,000	92,000	115,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	55,000	72,900	55,000	72,900	92,000
	AFUE (%)	80	80	80	80	80
	TEMPERATURE RISE (°F)	35-65	45-75	45-75	45-75	45-75
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60	208-230/3/60	208-230/3/60	208-230/3/60
	UNIT AMPS (TOTAL)	16.6	16.6	20.8	20.8	20.8
	MINIMUM CIRCUIT AMPACITY	25.6	25.6	30.9	30.9	30.9
	MAXIMUM OVERCURRENT PROTECTION ⁽³⁾	40	40	40	40	40
HEATING SECTION	NUMBER OF BURNERS	3	4	4	4	4
	ORIFICE SIZE NATURAL	43	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55	55
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	16.5	16.5	18	18	18
	LOCKED ROTOR AMPS	95	95	104	104	104
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4	1/3	1/3	1/3
	RPM	1075	1075	1075	1075	1075
	FULL LOAD AMPS	1.5	1.5	2.4	2.4	2.4
	LOCKED ROTOR AMPS	3.3	3.3	5.2	5.2	5.2
CONDENSER FAN	BLADE DIAMETER (INCHES)	22	22	22	22	22
	NUMBER OF BLADES	3	3	4	4	4
	CFM	2700	2700	3500	3500	3500
CONDENSER COIL	FACE AREA - SQ. FT.	15.3	15.3	15.3	15.3	15.3
	NUMBER OF ROWS	1	1	2	2	2
	FINS PER INCH	19	19	16	16	16
EVAPORATOR BLOWER MOTOR	TYPE	PSC	PSC	X-13	X-13	X-13
	HORSEPOWER - NO. OF SPEEDS	1/3 - 4	1/3 - 4	3/4 - 5	3/4 - 5	3/4 - 5
	FULL LOAD AMPS	2.1	2.1	6.0	6.0	6.0
	LOCKED ROTOR AMPS	4.5	4.5	8.0	8.0	8.0
	MOTOR SPEED TAP - COOLING	Med	Med	T4	T4	T4
	RPM	940	940	1050	1050	1050
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10x10	10x10	11x10	11x10	11x10
	RATED SCFM COOLING	1350	1350	1350	1350	1350
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	5.67	5.67	5.67	5.67	5.67
	NUMBER OF ROWS	4	4	4	4	4
	FINS PER INCH	14	14	14	14	14
	FILTER SIZE - SQ. FT. ⁽²⁾	4.7	4.7	5.1	5.1	5.1
	DRAIN SIZE (INCHES)	3/4	3/4	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	170	170	170	170	170
	AUXILIARY LIMIT SETTING (°F)	150	150	150	150	150
	ROLLOUT LIMIT SETTING (°F)	300	300	300	300	300
GENERAL INFORMATION	EXPANSION DEVICE	.078	.078	Piston (.080)	Piston (.080)	Piston (.080)
	REFRIGERANT CHARGE R-22 (Oz.)	105	105	143	143	143
	POWER SUPPLY ENTRANCE SIZE (INCHES)	1-1/8	1-1/8	1-1/8	1-1/8	1-1/8
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	7/8	7/8	7/8	7/8	7/8
	SHIPPING WEIGHT LBS.	515	520	523	523	523
	OPERATING WEIGHT LBS.	493	496	545	545	545

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

(2) Calculated external filter size based on air velocity of 300 ft/min. and applies to disposable filters **only**.

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

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

PACKAGE GAS SPECIFICATIONS

PG13[30-36]1AC**

		*PG13300451AC	*PG13300701AC	*PG13360451AC	*PG13360701AC	*PG13360901AC
COOLING CAPACITY	COOLING CAPACITY, BTUH	29,000	29,000	35,400	35,400	35,400
	SEER	13.00	13.00	13.00	13.00	13.00
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	46,000	69,000	46,000	69,000	92,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	36,700	55,000	36,700	55,000	72,900
	AFUE (%)	80	80	80	80	80
	TEMPERATURE RISE (°F)	30-60	35-65	30-60	35-65	45-75
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
	UNIT AMPS (TOTAL)	11.7	11.7	13.1	13.1	13.1
	MINIMUM CIRCUIT AMPACITY	16.6	16.6	21.6	21.6	21.6
	MAXIMUM OVERCURRENT PROTECTION ⁽³⁾	20	20	30	30	30
HEATING SECTION	NUMBER OF BURNERS	2	3	2	3	4
	ORIFICE SIZE NATURAL	43	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55	55
COMPRESSOR	TYPE	RECIP.	RECIP.	RECIP.	RECIP.	RECIP.
	RATED LOAD AMPS	9.7	9.7	12.2	12.2	12.2
	LOCKED ROTOR AMPS	60	60	73	73	73
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4	1/4	1/4	1/4
	RPM	1075	1075	1075	1075	1075
	FULL LOAD AMPS	1.5	1.5	1.5	1.5	1.5
	LOCKED ROTOR AMPS	3.3	3.3	3.3	3.0	3.0
CONDENSER FAN	BLADE DIAMETER (INCHES)	22	22	22	22	22
	NUMBER OF BLADES	3	3	3	3	3
	CFM	2700	2700	2700	2700	2700
CONDENSER COIL	FACE AREA - SQ. FT.	12.4	12.4	12.4	12.4	12.4
	NUMBER OF ROWS	1	1	2	2	2
	FINS PER INCH	19	19	16	16	16
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/3 - 3	1/3 - 3	1/3 - 3	1/3 - 3	1/3 - 3
	FULL LOAD AMPS	1.9	1.9	3.0	3.0	3.0
	LOCKED ROTOR AMPS	3.1	3.1	4.1	4.1	4.1
	MOTOR SPEED TAP - COOLING	Low	Low	Med	Med	Med
	RPM / AMPS	1000 / 1.5	1000 / 1.5	910 / 2.0	910 / 2.0	910 / 2.0
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10x8	10x8	10x9	10x9	10x9
	RATED SCFM COOLING	1000	1000	1200	1200	1200
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	4.33	4.33	4.33	4.33	4.33
	NUMBER OF ROWS	3	3	4	4	4
	FINS PER INCH	14	14	14	14	14
	FILTER SIZE - SQ. FT. ⁽²⁾	3.3	3.3	4.2	4.2	4.2
	DRAIN SIZE (INCHES)	3/4	3/4	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	150	150	160	160	160
	AUXILIARY LIMIT SETTING (°F)	150	150	150	150	150
	ROLLOUT LIMIT SETTING (°F)	300	300	300	300	300
GENERAL INFORMATION	PISTON EXPANSION DEVICE	.068	.068	.071	.071	.071
	REFRIGERANT CHARGE R-22 (Oz.)	77	77	112	112	112
	POWER SUPPLY ENTRANCE SIZE (INCHES)	1-1/8	1-1/8	1-1/8	1-1/8	1-1/8
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	7/8	7/8	7/8	7/8	7/8
	SHIPPING WEIGHT LBS.	438	422	470	475	480
	OPERATING WEIGHT LBS.	415	420	449	453	458

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

(2) Calculated external filter size based on air velocity of 300 ft/min. and applies to disposable filters **only**.

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

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

PACKAGE GAS SPECIFICATIONS

PG13481AC**

		*PG13480701AC	*PG13480901AC	*PG13481151AC
COOLING CAPACITY	COOLING CAPACITY, BTUH	47,000	47,000	47,000
	SEER	13.00	13.00	13.00
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	69,000	92,000	115,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	55,000	72,900	92,000
	AFUE (%)	80	80	80
	TEMPERATURE RISE (°F)	45-75	45-75	45-75
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/3/60	208-230/3/60	208-230/3/60
	UNIT AMPS (TOTAL)	20.8	20.8	20.8
	MINIMUM CIRCUIT AMPACITY	30.9	30.9	30.9
	MAXIMUM OVERCURRENT PROTECTION ⁽³⁾	40	40	40
HEATING SECTION	NUMBER OF BURNERS	4	4	4
	ORIFICE SIZE NATURAL	43	43	43
	ORIFICE SIZE LP	55	55	55
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	18	18	18
	LOCKED ROTOR AMPS	104	104	104
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4	1/4
	RPM	1075	1075	1075
	FULL LOAD AMPS	1.4	1.4	1.4
	LOCKED ROTOR AMPS	5.2	5.2	5.2
CONDENSER FAN	BLADE DIAMETER (INCHES)	22	22	22
	NUMBER OF BLADES	3	3	3
	CFM	3500	3500	3500
CONDENSER COIL	FACE AREA - SQ. FT.	15.3	15.3	15.3
	NUMBER OF ROWS	2	2	2
	FINS PER INCH	16	16	16
EVAPORATOR BLOWER MOTOR	TYPE	X-13	X-13	X-13
	HORSEPOWER - NO. OF SPEEDS	3/4 - 5	3/4 - 5	3/4 - 5
	FULL LOAD AMPS	6.0	6.0	6.0
	LOCKED ROTOR AMPS	8.0	8.0	8.0
	MOTOR SPEED TAP - COOLING	T4	T4	T4
	RPM	1050	1050	1050
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	11x10	11x10	11x10
	RATED SCFM COOLING	1350	1350	1350
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	5.67	5.67	5.67
	NUMBER OF ROWS	4	4	4
	FINS PER INCH	14	14	14
	FILTER SIZE - SQ. FT. ⁽²⁾	5.1	5.1	5.1
	DRAIN SIZE (INCHES)	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	170	170	170
	AUXILIARY LIMIT SETTING (°F)	150	150	150
	ROLLOUT LIMIT SETTING (°F)	300	300	300
GENERAL INFORMATION	EXPANSION DEVICE	Piston (.080)	Piston (.080)	Piston (.080)
	REFRIGERANT CHARGE R-22 (Oz.)	145	145	145
	POWER SUPPLY ENTRANCE SIZE (INCHES)	1-1/8	1-1/8	1-1/8
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	7/8	7/8	7/8
	SHIPPING WEIGHT LBS.	545	545	545
	OPERATING WEIGHT LBS.	523	523	523

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

(2) Calculated external filter size based on air velocity of 300 ft/min. and applies to disposable filters **only**.

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

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

PACKAGE GAS SPECIFICATIONS

PG13241BA**

		*PG13240701BA	*PG13240451BA
COOLING CAPACITY	COOLING CAPACITY, BTUH	24,000	24,000
	SEER	13.00	13.00
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	69,000	46,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	55,000	36,700
	AFUE (%)	80	80
	TEMPERATURE RISE (°F)	30-60	35-65
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60
	UNIT AMPS (TOTAL)	9.2	9.2
	MINIMUM CIRCUIT AMPACITY	14.1	14.1
	MAXIMUM OVERCURRENT PROTECTION ⁽³⁾	20	20
HEATING SECTION	NUMBER OF BURNERS	2	3
	ORIFICE SIZE NATURAL	43	43
	ORIFICE SIZE LP	55	55
COMPRESSOR	TYPE	RECIP.	RECIP.
	RATED LOAD AMPS	9.2	9.2
	LOCKED ROTOR AMPS	43	43
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4
	RPM	850	850
	FULL LOAD AMPS	1.5	1.5
	LOCKED ROTOR AMPS	2.1	2.1
CONDENSER FAN	BLADE DIAMETER (INCHES)	22	22
	NUMBER OF BLADES	3	3
	CFM	2400	2400
CONDENSER COIL	FACE AREA - SQ. FT.	12.4	12.4
	NUMBER OF ROWS	1	1
	FINS PER INCH	19	19
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/4 - 3	1/4 - 3
	FULL LOAD AMPS	1.5	1.5
	LOCKED ROTOR AMPS	2.2	2.2
	MOTOR SPEED TAP - COOLING	Med	Med
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10x8	10x8
	RATED SCFM COOLING	750	750
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	4.33	4.33
	NUMBER OF ROWS	2	2
	FINS PER INCH	14	14
	FILTER SIZE - SQ. FT. ⁽²⁾	2.7	2.7
	DRAIN SIZE (INCHES)	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	150	150
	AUXILIARY LIMIT SETTING (°F)	150	150
	ROLLOUT LIMIT SETTING (°F)	300	300
GENERAL INFORMATION	EXPANSION DEVICE	.059	.059
	REFRIGERANT CHARGE R-22 (Oz.)	77	77
	POWER SUPPLY ENTRANCE SIZE (INCHES)	1-1/8	1-1/8
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	7/8	7/8
	SHIPPING WEIGHT LBS.	435	439
	OPERATING WEIGHT LBS.	412	417

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

(2) Calculated external filter size based on air velocity of 300 ft/min. and applies to disposable filters **only**.

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

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

PACKAGE GAS SPECIFICATIONS

PG13601BA**

		*PG13600901BA	*PG13601151BA	*PG13601401BA
COOLING CAPACITY	COOLING CAPACITY, BTUH	55,000	55,000	55,000
	SEER	13.00	13.00	13.00
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	92,000	115,000	138,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	74,000	92,000	113,000
	AFUE (%)	80	80	80
	TEMPERATURE RISE (°F)	45-75	45-75	45-75
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/3/60	208-230/3/60	208-230/3/60
	UNIT AMPS (TOTAL)	25	25	25
	MINIMUM CIRCUIT AMPACITY	40.5	40.5	40.5
	MAXIMUM OVERCURRENT PROTECTION ⁽³⁾	60	60	60
HEATING SECTION	NUMBER OF BURNERS	4	4	6
	ORIFICE SIZE NATURAL	43	43	43
	ORIFICE SIZE LP	55	55	55
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	24.4	24.4	24.4
	LOCKED ROTOR AMPS	148	148	148
CONDENSER FAN MOTOR	HORSEPOWER	1/3	1/3	1/3
	RPM	1075	1075	1075
	FULL LOAD AMPS	2.4	2.4	2.4
	LOCKED ROTOR AMPS	5.2	5.2	5.2
CONDENSER FAN	BLADE DIAMETER (INCHES)	22	22	22
	NUMBER OF BLADES	4	4	4
	CFM	3500	3500	3500
CONDENSER COIL	FACE AREA - SQ. FT.	15.3	22 / 4	22 / 4
	NUMBER OF ROWS	2	2	2
	FINS PER INCH	16	16	16
EVAPORATOR BLOWER MOTOR	TYPE	X-13	X-13	X-13
	HORSEPOWER - NO. OF SPEEDS	1 - 5	1 - 5	1 - 5
	FULL LOAD AMPS	7.6	7.6	7.6
	LOCKED ROTOR AMPS	9.2	9.2	9.2
	MOTOR SPEED TAP - COOLING	T4	T4	T4
	RPM	1050	1050	1050
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	11x10	11x10	11x10
	RATED SCFM COOLING	1810	1810	1810
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	5.67	5.67	5.67
	NUMBER OF ROWS	4	4	4
	FINS PER INCH	14	14	14
	FILTER SIZE - SQ. FT. ⁽²⁾	5.1	5.1	5.1
	DRAIN SIZE (INCHES)	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	170	170	160
	AUXILIARY LIMIT SETTING (°F)	150	150	150
	ROLLOUT LIMIT SETTING (°F)	300	300	300
GENERAL INFORMATION	EXPANSION DEVICE	TXV	TXV	TXV
	REFRIGERANT CHARGE R-22 (Oz.)	164	164	164
	POWER SUPPLY ENTRANCE SIZE (INCHES)	1-1/8	1-1/8	1-1/8
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	7/8	7/8	7/8
	SHIPPING WEIGHT LBS.	555	555	565
	OPERATING WEIGHT LBS.	533	533	543

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

(2) Calculated external filter size based on air velocity of 300 ft/min. and applies to disposable filters **only**.

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

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

PACKAGE GAS SPECIFICATIONS

PG13[24-30]1BB**

		*PG13240451BB	*PG13240701BB	*PG13300451BB	*PG13300701BB
COOLING CAPACITY	COOLING CAPACITY, BTUH	24,000	24,000	29,000	29,000
	SEER	13.00	13.00	13.00	13.00
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	46,000	69,000	46,000	46,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	367,000	55,000	36,700	36,700
	AFUE (%)	80	80	80	80
	TEMPERATURE RISE (°F)	35-65	30-60	30-60	30-60
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
	UNIT AMPS (TOTAL)	9.2	9.2	11.5	11.5
	MINIMUM CIRCUIT AMPACITY	14.1	14.1	16.8	16.8
	MAXIMUM OVERCURRENT PROTECTION ⁽³⁾	20	20	25	25
HEATING SECTION	NUMBER OF BURNERS	3	2	2	2
	ORIFICE SIZE NATURAL	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55
COMPRESSOR	TYPE	RECIP.	RECIP.	ROTARY	ROTARY
	RATED LOAD AMPS	9.2	9.2	10.8	10.8
	LOCKED ROTOR AMPS	43	43	60	60
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4	1/4	1/4
	RPM	830	830	1075	1075
	FULL LOAD AMPS	1.5	1.5	1.4	1.4
	LOCKED ROTOR AMPS	3.0	3.0	2.9	2.9
CONDENSER FAN	BLADE DIAMETER (INCHES)	22 / 3	22 / 3	22 / 3	22 / 3
	NUMBER OF BLADES				
	CFM	2400	2400	2700	2700
CONDENSER COIL	FACE AREA - SQ. FT.	12.4	12.4	12.4	12.4
	NUMBER OF ROWS	1	1	1	1
	FINS PER INCH	19	19	19	19
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/4 - 3	1/4 - 3	1/3 - 3	1/3 - 3
	FULL LOAD AMPS	1.5	1.5	1.9	1.9
	LOCKED ROTOR AMPS	2.2	2.2	3.1	3.1
	MOTOR SPEED TAP - COOLING	Med	Med	Low	Low
	RPM / AMPS	970 / 1.1	970 / 1.1	1000 / 1.5	1000 / 1.5
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10x8	10x8	10x8	10x8
	RATED SCFM COOLING	750	750	1000	1000
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	4.33	4.33	4.33	4.33
	NUMBER OF ROWS	2	2	3	3
	FINS PER INCH	14	14	14	14
	FILTER SIZE - SQ. FT. ⁽²⁾	2.7	2.7	3.3	3.3
	DRAIN SIZE (INCHES)	3/4	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	150	150	150	150
	AUXILIARY LIMIT SETTING (°F)	150	150	150	150
	ROLLOUT LIMIT SETTING (°F)	300	300	300	300
GENERAL INFORMATION	EXPANSION DEVICE	.059	.059	0.068	0.068
	REFRIGERANT CHARGE R-22 (Oz.)	77	77	77	77
	POWER SUPPLY ENTRANCE SIZE (INCHES)	1-1/8	1-1/8	1-1/8	1-1/8
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	7/8	7/8	7/8	7/8
	SHIPPING WEIGHT LBS.	439	435	430	430
	OPERATING WEIGHT LBS.	417	412	415	415

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

(2) Calculated external filter size based on air velocity of 300 ft/min. and applies to disposable filters **only**.

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

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

PACKAGE GAS SPECIFICATIONS

PG13601BB**

		*PG13600901BB	*PG13601151BB	*PG13601401BB
COOLING CAPACITY	COOLING CAPACITY, BTUH	55,000	55,000	55,000
	SEER	13.00	13.00	13.00
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	92,000	115,000	138,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	74,000	92,000	113,000
	AFUE (%)	80	80	80
	TEMPERATURE RISE (°F)	45-75	45-75	45-75
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/3/60	208-230/3/60	208-230/3/60
	UNIT AMPS (TOTAL)	25	25	25
	MINIMUM CIRCUIT AMPACITY	40.5	40.5	40.5
	MAXIMUM OVERCURRENT PROTECTION ⁽³⁾	60	60	60
HEATING SECTION	NUMBER OF BURNERS	4	4	6
	ORIFICE SIZE NATURAL	43	43	43
	ORIFICE SIZE LP	55	55	55
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	24.4	24.4	24.4
	LOCKED ROTOR AMPS	148	148	148
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4	1/4
	RPM	1075	1075	1075
	FULL LOAD AMPS	1.4	1.4	1.4
	LOCKED ROTOR AMPS	5.2	5.2	5.2
CONDENSER FAN	BLADE DIAMETER (INCHES)	22	22	22
	NUMBER OF BLADES	3	3	3
	CFM	3500	3500	3500
CONDENSER COIL	FACE AREA - SQ. FT.	15.3	22 / 4	22 / 4
	NUMBER OF ROWS	2	2	2
	FINS PER INCH	16	16	16
EVAPORATOR BLOWER MOTOR	TYPE	X-13	X-13	X-13
	HORSEPOWER - NO. OF SPEEDS	1 - 5	1 - 5	1 - 5
	FULL LOAD AMPS	7.6	7.6	7.6
	LOCKED ROTOR AMPS	9.2	9.2	9.2
	MOTOR SPEED TAP - COOLING	T4	T4	T4
	RPM	1050	1050	1050
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	11x10	11x10	11x10
	RATED SCFM COOLING	1810	1810	1810
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	5.67	5.67	5.67
	NUMBER OF ROWS	4	4	4
	FINS PER INCH	14	14	14
	FILTER SIZE - SQ. FT. ⁽²⁾	5.1	5.1	5.1
	DRAIN SIZE (INCHES)	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	170	170	160
	AUXILIARY LIMIT SETTING (°F)	150	150	150
	ROLLOUT LIMIT SETTING (°F)	300	300	300
GENERAL INFORMATION	EXPANSION DEVICE	TXV	TXV	TXV
	REFRIGERANT CHARGE R-22 (Oz.)	164	164	164
	POWER SUPPLY ENTRANCE SIZE (INCHES)	1-1/8	1-1/8	1-1/8
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	7/8	7/8	7/8
	SHIPPING WEIGHT LBS.	555	555	565
	OPERATING WEIGHT LBS.	533	533	543

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

(2) Calculated external filter size based on air velocity of 300 ft/min. and applies to disposable filters **only**.

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

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

PACKAGE GAS SPECIFICATIONS

PG13241CB**

		*PG13240701CB	*PG13240451CB
COOLING CAPACITY	COOLING CAPACITY, BTUH	24,000	24,000
	SEER	13.00	13.00
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	69,000	46,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	55,000	36,700
	AFUE (%)	80	80
	TEMPERATURE RISE (°F)	30-60	35-65
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60
	UNIT AMPS (TOTAL)	9.4	9.4
	MINIMUM CIRCUIT AMPACITY	13.4	13.4
	MAXIMUM OVERCURRENT PROTECTION ⁽³⁾	20	20
HEATING SECTION	NUMBER OF BURNERS	2	3
	ORIFICE SIZE NATURAL	43	43
	ORIFICE SIZE LP	55	55
COMPRESSOR	TYPE	ROTARY	ROTARY
	RATED LOAD AMPS	8.6	8.6
	LOCKED ROTOR AMPS	47	47
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/4
	RPM	830	830
	FULL LOAD AMPS	1.5	1.5
	LOCKED ROTOR AMPS	3.0	3.0
CONDENSER FAN	BLADE DIAMETER (INCHES)	22	22
	NUMBER OF BLADES	3	3
	CFM	2400	2400
CONDENSER COIL	FACE AREA - SQ. FT.	12.4	12.4
	NUMBER OF ROWS	1	1
	FINS PER INCH	19	19
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/4 - 3	1/4 - 3
	FULL LOAD AMPS	1.5	1.5
	LOCKED ROTOR AMPS	2.2	2.2
	MOTOR SPEED TAP - COOLING	Med	Med
	RPM / AMPS	970 / 1.1	970 / 1.1
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10x8	10x8
	RATED SCFM COOLING	750	750
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	4.33	4.33
	NUMBER OF ROWS	2	2
	FINS PER INCH	14	14
	FILTER SIZE - SQ. FT. ⁽²⁾	2.7	2.7
	DRAIN SIZE (INCHES)	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	150	150
	AUXILIARY LIMIT SETTING (°F)	150	150
	ROLLOUT LIMIT SETTING (°F)	300	300
GENERAL INFORMATION	EXPANSION DEVICE	.061	.061
	REFRIGERANT CHARGE R-22 (Oz.)	74.2	74.2
	POWER SUPPLY ENTRANCE SIZE (INCHES)	1-1/8	1-1/8
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	7/8	7/8
	SHIPPING WEIGHT LBS.	435	439
	OPERATING WEIGHT LBS.	412	417

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

(2) Calculated external filter size based on air velocity of 300 ft/min. and applies to disposable filters **only**.

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

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

ACCESSORIES

ACCESSORIES	
Part Number	Description
LPT-00A	Propane Conversion Kit
HA-02	High Altitude Kit
PGC101/102/103	Roof Curb
PGED101/102	Downflow Economizer, Small and Medium Chassis
PGED103	Downflow Economizer, Large Chassis
PGEH101/102	Horizontal Economizer, Small and Medium Chassis
PGEH103	Horizontal Economizer, 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
PGMDH101	Manual 25% Fresh Air Damper Horizontal Application, Small 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
PGMDMH101	Motorized 25% Fresh Air Damper Horizontal Application, Small Chassis
PGMDMH102	Motorized 25% Fresh Air Damper Horizontal Application, Medium Chassis
PGMDMH103	Motorized 25% Fresh Air Damper Horizontal Application, Large Chassis
SQRPG101/102	Square to Round Adapter w/ 16" Round Downflow Application, Small and 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, Small and Medium Chassis
SQRPGH103	Square to Round Adapter w/ 18" Round Horizontal Application, Large Chassis
PGFR101/102/103	Internal Filter Rack All Chassis
GPGHFR101-103	External Horizontal Filter Rack for Goodman/Amana Gas/Electric & Multi-position Package Units All 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

PG13240451A - Rise Range: 30° - 60°												
Unit Static	LOW				MEDIUM				HIGH			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	600	150	0.67	57	850	230	1.02	40	1,190	380	1.67	NR
0.2	570	140	0.65	60	830	220	1.00	41	1,140	360	1.62	NR
0.3	510	130	0.63	NR	765	215	0.97	45	1,080	350	1.58	32
0.4	450	125	0.61	NR	715	210	0.94	48	1,025	340	1.54	33
0.5	380	120	0.58	NR	660	205	0.90	52	975	330	1.38	35
0.6	-----	-----	-----	NR	610	195	0.88	56	920	310	1.37	37
0.7	-----	-----	-----	NR	-----	-----	-----	NR	830	300	1.35	41
0.8	-----	-----	-----	NR	-----	-----	-----	NR	730	290	1.32	47

PG13240701A - Rise Range: 35° - 65°												
Unit Static	LOW				MEDIUM				HIGH			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	600	150	0.67	NR	850	230	1.02	NR	1,190	380	1.67	43
0.2	570	140	0.65	NR	830	220	1.00	NR	1,140	360	1.62	45
0.3	510	130	0.63	NR	765	215	0.97	NR	1,080	350	1.58	47
0.4	450	125	0.61	NR	715	210	0.94	NR	1,025	340	1.54	50
0.5	380	120	0.58	NR	660	205	0.90	NR	975	330	1.38	52
0.6	-----	-----	-----	NR	610	195	0.88	NR	920	310	1.37	56
0.7	-----	-----	-----	NR	-----	-----	-----	NR	830	300	1.35	62
0.8	-----	-----	-----	NR	-----	-----	-----	NR	730	290	1.32	NR

PG13240451B - Rise Range: 30° - 60°												
Unit Static	LOW				MEDIUM				HIGH			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	600	150	0.67	57	850	230	1.02	40	1,190	380	1.67	NR
0.2	570	140	0.65	60	830	220	1.00	41	1,140	360	1.62	NR
0.3	510	130	0.63	NR	765	215	0.97	45	1,080	350	1.58	32
0.4	450	125	0.61	NR	715	210	0.94	48	1,025	340	1.54	33
0.5	380	120	0.58	NR	660	205	0.90	52	975	330	1.38	35
0.6	-----	-----	-----	NR	610	195	0.88	56	920	310	1.37	37
0.7	-----	-----	-----	NR	-----	-----	-----	NR	830	300	1.35	41
0.8	-----	-----	-----	NR	-----	-----	-----	NR	730	290	1.32	47

PG13240701B - Rise Range: 35° - 65°												
Unit Static	LOW				MEDIUM				HIGH			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	600	150	0.67	NR	850	230	1.02	NR	1,190	380	1.67	43
0.2	570	140	0.65	NR	830	220	1.00	NR	1,140	360	1.62	45
0.3	510	130	0.63	NR	765	215	0.97	NR	1,080	350	1.58	47
0.4	450	125	0.61	NR	715	210	0.94	NR	1,025	340	1.54	50
0.5	380	120	0.58	NR	660	205	0.90	NR	975	330	1.38	52
0.6	-----	-----	-----	NR	610	195	0.88	NR	920	310	1.37	56
0.7	-----	-----	-----	NR	-----	-----	-----	NR	830	300	1.35	62
0.8	-----	-----	-----	NR	-----	-----	-----	NR	730	290	1.32	NR

PG13300451A - Rise Range: 30° - 60°																
Unit Static	LOW				MEDIUM-LOW				MEDIUM-HIGH				HIGH			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	920	325	1.43	37	1,160	420	1.82	NR	1,370	500	2.15	NR	1,460	540	2.39	NR
0.2	890	310	1.40	38	1,130	400	1.76	NR	1,330	485	2.10	NR	1,420	520	2.32	NR
0.3	870	300	1.36	39	1,100	390	1.70	30	1,275	470	2.05	NR	1,340	500	2.24	NR
0.4	850	290	1.32	40	1,045	375	1.64	32	1,210	450	1.95	NR	1,285	480	2.16	NR
0.5	800	280	1.25	43	1,000	360	1.58	33	1,160	430	1.88	NR	1,230	460	2.07	NR
0.6	-----	-----	-----	NR	950	345	1.46	35	1,080	405	1.79	32	1,145	430	1.98	NR
0.7	-----	-----	-----	NR	880	330	1.42	38	1,000	385	1.70	34	1,070	410	1.90	32
0.8	-----	-----	-----	NR	810	315	1.39	42	920	360	1.72	37	980	390	1.80	35

PG13300701A - Rise Range: 35° - 65°																
Unit Static	LOW				MEDIUM-LOW				MEDIUM-HIGH				HIGH			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	920	325	1.43	56	1,160	420	1.82	44	1,370	500	2.15	37	1,460	540	2.39	NR
0.2	890	310	1.40	57	1,130	400	1.76	45	1,330	485	2.10	38	1,420	520	2.32	35
0.3	870	300	1.36	59	1,100	390	1.70	46	1,275	470	2.05	40	1,340	500	2.24	37
0.4	850	290	1.32	60	1,045	375	1.64	49	1,210	450	1.95	42	1,285	480	2.16	39
0.5	800	280	1.25	64	1,000	360	1.58	51	1,160	430	1.88	44	1,230	460	2.07	41
0.6	-----	-----	-----	NR	950	345	1.46	54	1,080	405	1.79	47	1,145	430	1.98	43
0.7	-----	-----	-----	NR	880	330	1.42	58	1,000	385	1.70	51	1,070	410	1.90	46
0.8	-----	-----	-----	NR	810	315	1.39	63	920	360	1.72	56	980	390	1.80	51

NR = Heating Temperature Rise Not Recommended.

NOTE: The shaded area indicates ranges in excess of maximum external static pressure allowable when heating. For satisfactory operation, external static pressure should not exceed 0.5" w.c.

BLOWER PERFORMANCE DATA

PG13360451A - Rise Range: 30° - 60°																
Unit Static	LOW				MEDIUM-LOW				MEDIUM-HIGH				HIGH			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	965	315	1.44	35	1,230	410	1.91	NR	1,470	510	2.25	NR	1,590	550	2.41	NR
0.2	945	310	1.42	36	1,210	400	1.79	NR	1,430	480	2.16	NR	1,530	525	2.31	NR
0.3	925	300	1.35	37	1,175	385	1.73	NR	1,380	460	2.04	NR	1,480	510	2.24	NR
0.4	890	295	1.30	38	1,120	370	1.67	30	1,320	440	1.97	NR	1,410	480	2.14	NR
0.5	845	290	1.24	40	1,070	355	1.61	32	1,260	430	1.89	NR	1,325	460	2.07	NR
0.6	765	260	1.15	45	1,010	330	1.51	34	1,200	395	1.82	NR	1,290	440	2.02	NR
0.7	655	240	1.07	52	890	300	1.36	38	1,095	365	1.70	31	1,170	400	1.88	NR
0.8	515	210	0.97	NR	720	270	1.22	47	900	320	1.50	36	950	345	1.69	36

PG13360701A - Rise Range: 35° - 65°																
Unit Static	LOW				MEDIUM-LOW				MEDIUM-HIGH				HIGH			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	965	315	1.44	53	1,230	410	1.91	42	1,470	510	2.25	NR	1,590	550	2.41	NR
0.2	945	310	1.42	54	1,210	400	1.79	42	1,430	480	2.16	36	1,530	525	2.31	NR
0.3	925	300	1.35	55	1,175	385	1.73	43	1,380	460	2.04	37	1,480	510	2.24	NR
0.4	890	295	1.30	57	1,120	370	1.67	46	1,320	440	1.97	39	1,410	480	2.14	36
0.5	845	290	1.24	60	1,070	355	1.61	48	1,260	430	1.89	41	1,325	460	2.07	39
0.6	765	260	1.15	NR	1,010	330	1.51	51	1,200	395	1.82	43	1,290	440	2.02	40
0.7	655	240	1.07	NR	890	300	1.36	57	1,095	365	1.70	47	1,170	400	1.88	44
0.8	515	210	0.97	NR	720	270	1.22	NR	900	320	1.50	57	950	345	1.69	54

PG13360901A - Rise Range: 45° - 75°																
Unit Static	LOW				MEDIUM-LOW				MEDIUM-HIGH				HIGH			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	965	315	1.44	71	1,230	410	1.91	55	1,470	510	2.25	46	1,590	550	2.41	NR
0.2	945	310	1.42	72	1,210	400	1.79	56	1,430	480	2.16	48	1,530	525	2.31	NR
0.3	925	300	1.35	74	1,175	385	1.73	58	1,380	460	2.04	49	1,480	510	2.24	46
0.4	890	295	1.30	NR	1,120	370	1.67	61	1,320	440	1.97	52	1,410	480	2.14	48
0.5	845	290	1.24	NR	1,070	355	1.61	64	1,260	430	1.89	57	1,325	460	2.07	51
0.6	765	260	1.15	NR	1,010	330	1.51	67	1,200	395	1.82	62	1,290	440	2.02	53
0.7	655	240	1.07	NR	890	300	1.36	57	1,095	365	1.70	NR	1,170	400	1.88	58
0.8	515	210	0.97	NR	720	270	1.22	NR	900	320	1.50	NR	950	345	1.69	72

PG13420701A - Rise Range: 35° - 65°												
Unit Static	LOW				MEDIUM				HIGH			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	1,100	340	1.55	46	1,450	480	2.15	35	1,575	585	2.64	NR
0.2	1,040	325	1.49	49	1,390	460	2.06	37	1,515	565	2.58	NR
0.3	1,000	320	1.44	51	1,300	445	1.98	39	1,430	550	2.50	36
0.4	925	305	1.38	55	1,215	425	1.89	42	1,340	525	2.42	38
0.5	860	290	1.32	59	1,115	395	1.79	46	1,240	505	2.34	41
0.6	800	275	1.22	64	1,030	375	1.71	50	1,130	465	2.22	45
0.7	690	255	1.16	NR	945	350	1.60	54	1,010	450	2.18	51
0.8	-----	-----	-----	NR	860	335	1.54	59	910	430	2.12	56

PG13420901A - Rise Range: 45° - 75°												
Unit Static	LOW				MEDIUM				HIGH			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	1,100	340	1.55	62	1,450	480	2.15	47	1,575	585	2.64	NR
0.2	1,040	325	1.49	66	1,390	460	2.06	49	1,515	565	2.58	45
0.3	1,000	320	1.44	68	1,300	445	1.98	52	1,430	550	2.50	48
0.4	925	305	1.38	74	1,215	425	1.89	56	1,340	525	2.42	51
0.5	860	290	1.32	NR	1,115	395	1.79	61	1,240	505	2.34	55
0.6	800	275	1.22	NR	1,030	375	1.71	66	1,130	465	2.22	60
0.7	690	255	1.16	NR	945	350	1.60	72	1,010	450	2.18	67
0.8	-----	-----	-----	NR	860	335	1.54	NR	910	430	2.12	75

NR = Heating Temperature Rise Not Recommended.

NOTE: The shaded area indicates ranges in excess of maximum external static pressure allowable when heating. For satisfactory operation, external static pressure should not exceed 0.5" w.c.

BLOWER PERFORMANCE DATA

*PG13300451AB - Rise Range: 30° - 60°												
Unit Static	LOW				MEDIUM				HIGH			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	1,056	350	1.51	33	1,261	452	1.95	NR	1,370	509	2.23	NR
0.2	1,010	339	1.43	34	1,221	442	1.90	NR	1,310	492	2.13	NR
0.3	971	343	1.45	36	1,174	428	1.84	NR	1,262	489	2.09	NR
0.4	937	329	1.41	37	1,125	414	1.80	31	1,208	475	2.06	NR
0.5	878	318	1.27	39	1,063	398	1.70	32	1,140	453	1.93	30
0.6	811	306	1.29	43	1,004	380	1.66	34	1,081	440	1.90	32
0.7	723	291	1.21	48	919	368	1.59	38	1,006	425	1.88	34
0.8	545	259	1.10	NR	796	371	1.46	43	879	403	1.74	39

*PG1330701AB - Rise Range: 35° -65°												
Unit Static	LOW				MEDIUM				HIGH			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	1,056	350	1.51	49	1,261	452	1.95	41	1,370	509	2.23	38
0.2	1,010	339	1.43	51	1,221	442	1.90	42	1,310	492	2.13	40
0.3	971	343	1.45	53	1,174	428	1.84	44	1,262	489	2.09	41
0.4	937	329	1.41	55	1,125	414	1.80	46	1,208	475	2.06	43
0.5	878	318	1.27	59	1,063	398	1.70	49	1,140	453	1.93	45
0.6	811	306	1.29	64	1,004	380	1.66	52	1,081	440	1.90	48
0.7	723	291	1.21	NR	919	368	1.59	56	1,006	425	1.88	NR
0.8	545	259	1.10	NR	796	371	1.46	65	879	403	1.74	NR

*PG13360451AB - Rise Range: 30 -60°												
Unit Static	LOW				MEDIUM				HIGH			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	1,029	346	1.51	34	1,337	471	2.08	NR	1,462	596	2.64	NR
0.2	982	334	1.46	35	1,265	452	2.01	NR	1,398	563	2.58	NR
0.3	946	329	1.40	36	1,227	448	1.97	NR	1,326	550	2.50	NR
0.4	888	313	1.38	39	1,159	429	1.87	30	1,260	534	2.42	NR
0.5	823	304	1.29	42	1,073	405	1.73	32	1,188	513	2.34	NR
0.6	750	287	1.23	46	1,008	393	1.71	34	1,090	496	2.22	32
0.7	668	271	1.16	52	895	371	1.61	39	997	478	2.18	35
0.8	454	238	1.00	NR	760	346	1.49	45	852	454	2.12	40

*PG13360701AB - Rise Range: 35° -65°												
Unit Static	LOW				MEDIUM				HIGH			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	1,029	346	1.51	50	1,337	471	2.08	39	1,462	596	2.64	35
0.2	982	334	1.46	53	1,265	452	2.01	41	1,398	563	2.58	37
0.3	946	329	1.40	55	1,227	448	1.97	42	1,326	550	2.50	39
0.4	888	313	1.38	58	1,159	429	1.87	45	1,260	534	2.42	41
0.5	823	304	1.29	63	1,073	405	1.73	48	1,188	513	2.34	44
0.6	750	287	1.23	NR	1,008	393	1.71	51	1,090	496	2.22	47
0.7	668	271	1.16	NR	895	371	1.61	58	997	478	2.18	52
0.8	454	238	1.00	NR	760	346	1.49	68	852	454	2.12	61

*PG13360901AB - Rise Range: 45° -75°												
Unit Static	LOW				MEDIUM				HIGH			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	1,029	346	1.51	50	1,337	471	2.08	NR	1,462	596	2.64	NR
0.2	982	334	1.46	53	1,265	452	2.01	NR	1,398	563	2.58	NR
0.3	946	329	1.40	55	1,227	448	1.97	NR	1,326	550	2.50	NR
0.4	888	313	1.38	58	1,159	429	1.87	45	1,260	534	2.42	NR
0.5	823	304	1.29	63	1,073	405	1.73	48	1,188	513	2.34	NR
0.6	750	287	1.23	69	1,008	393	1.71	51	1,090	496	2.22	47
0.7	668	271	1.16	NR	895	371	1.61	58	997	478	2.18	52
0.8	454	238	1.00	NR	760	346	1.49	68	852	454	2.12	61

NR = Heating Temperature Rise Not Recommended.

NOTE: The shaded area indicates ranges in excess of maximum external static pressure allowable when heating. For satisfactory operation, external static pressure should not exceed 0.5" w.c.

BLOWER PERFORMANCE DATA

*PG13480701AB/AC - Rise Range: 45° - 75°												
Unit Static	T1 HEATING SPEED				T2 HEATING SPEED				T3 HEATING SPEED			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
0.2	914	125	1.07	56	1,105	186	1.56	46	1,397	323	2.57	NR
0.3	822	134	1.14	62	1,024	193	1.60	50	1,346	331	2.67	NR
0.4	733	140	1.20	69	967	202	1.65	53	1,288	342	2.76	NR
0.5	664	150	1.26	NR	884	214	1.76	58	1,273	352	2.82	NR
0.6	606	154	1.28	NR	816	220	1.75	62	1,178	359	2.88	NR
0.7	584	162	1.32	NR	769	230	1.85	66	1,120	369	2.97	45
0.8	551	164	1.34	NR	698	236	1.89	73	1,057	381	3.09	48

Unit Static	T4 COOLING SPEED			T5 COOLING SPEED		
	CFM	WATTS	AMPS	CFM	WATTS	AMPS
0.1	-----	-----	-----	-----	-----	-----
0.2	1,593	449	3.55	1,669	532	4.22
0.3	1,545	463	3.69	1,654	239	4.25
0.4	1,506	476	3.82	1,610	551	4.30
0.5	1,448	481	3.87	1,545	557	4.36
0.6	1,400	493	3.95	1,512	566	4.41
0.7	1,341	502	4.00	1,433	578	4.59
0.8	1289	511	4.11	1,392	591	4.65

*PG13480901AB/AC - Rise Range: 45° - 75°												
Unit Static	T1 HEATING SPEED				T2 HEATING SPEED				T3 HEATING SPEED			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
0.2	914	125	1.07	75	1,105	186	1.56	62	1,397	323	2.57	49
0.3	822	134	1.14	NR	1,024	193	1.60	67	1,346	331	2.67	51
0.4	733	140	1.20	NR	967	202	1.65	71	1,288	342	2.76	53
0.5	664	150	1.26	NR	884	214	1.76	NR	1,273	352	2.82	54
0.6	606	154	1.28	NR	816	220	1.75	NR	1,178	359	2.88	58
0.7	584	162	1.32	NR	769	230	1.85	NR	1,120	369	2.97	61
0.8	551	164	1.34	NR	698	236	1.89	NR	1,057	381	3.09	65

Unit Static	T4 COOLING SPEED			T5 COOLING SPEED		
	CFM	WATTS	AMPS	CFM	WATTS	AMPS
0.1	-----	-----	-----	-----	-----	-----
0.2	1,593	449	3.55	1,669	532	4.22
0.3	1,545	463	3.69	1,654	239	4.25
0.4	1,506	476	3.82	1,610	551	4.30
0.5	1,448	481	3.87	1,545	557	4.36
0.6	1,400	493	3.95	1,512	566	4.41
0.7	1,341	502	4.00	1,433	578	4.59
0.8	1289	511	4.11	1,392	591	4.65

*PG134801151AB/AC - Rise Range: 45° - 75°												
Unit Static	T1 HEATING SPEED				T2 HEATING SPEED				T3 HEATING SPEED			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
0.2	914	125	1.07	NR	1,105	186	1.56	77	1,397	323	2.57	61
0.3	822	134	1.14	NR	1,024	193	1.60	NR	1,346	331	2.67	63
0.4	733	140	1.20	NR	967	202	1.65	NR	1,288	342	2.76	66
0.5	664	150	1.26	NR	884	214	1.76	NR	1,273	352	2.82	67
0.6	606	154	1.28	NR	816	220	1.75	NR	1,178	359	2.88	72
0.7	584	162	1.32	NR	769	230	1.85	NR	1,120	369	2.97	NR
0.8	551	164	1.34	NR	698	236	1.89	NR	1,057	381	3.09	NR

Unit Static	T4 COOLING SPEED			T5 COOLING SPEED		
	CFM	WATTS	AMPS	CFM	WATTS	AMPS
0.1	-----	-----	-----	-----	-----	-----
0.2	1,593	449	3.55	1,669	532	4.22
0.3	1,545	463	3.69	1,654	239	4.25
0.4	1,506	476	3.82	1,610	551	4.30
0.5	1,448	481	3.87	1,545	557	4.36
0.6	1,400	493	3.95	1,512	566	4.41
0.7	1,341	502	4.00	1,433	578	4.59
0.8	1289	511	4.11	1,392	591	4.65

NR = Heating Temperature Rise Not Recommended.

NOTE: The shaded area indicates ranges in excess of maximum external static pressure allowable when heating. For satisfactory operation, external static pressure should not exceed 0.5" w.c.

BLOWER PERFORMANCE DATA

*PG13609091BA/BB - Rise Range: 45° - 75°												
Unit Static	T1 HEATING SPEED				T2 HEATING SPEED				T3 HEATING SPEED			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	1,125	162	1.44	61	1,466	315	2.67	47	1,780	496	3.33	NR
0.2	1,049	168	1.53	65	1,384	322	2.74	50	1,730	506	3.89	NR
0.3	1,000	178	1.60	69	1,347	329	2.78	51	1,664	520	4.01	NR
0.4	910	184	1.64	75	1,291	341	2.83	53	1,608	526	4.03	NR
0.5	857	197	1.75	NR	1,237	350	2.90	55	1,568	532	4.12	NR
0.6	809	201	1.83	NR	1,185	362	3.05	58	1,515	546	4.14	45
0.7	739	207	1.86	NR	1,134	369	3.09	60	1,477	552	4.18	46
0.8	703	218	1.96	NR	1,087	382	3.21	63	1,422	562	4.23	48

Unit Static	T4 COOLING SPEED			T5 COOLING SPEED		
	CFM	WATTS	AMPS	CFM	WATTS	AMPS
0.1	1,942	649	4.83	2,067	792	5.81
0.2	1,883	657	4.87	2,030	811	5.85
0.3	1,859	670	4.96	1,982	814	5.88
0.4	1,827	675	4.97	1,909	808	5.86
0.5	1,749	683	4.99	1,842	798	5.85
0.6	1,706	693	5.10	1,789	772	5.65
0.7	1,655	703	5.12	1,703	763	5.58
0.8	1,588	705	5.11	1,618	732	5.29

*PG136011551BA/BB - Rise Range: 45° - 75°												
Unit Static	T1 HEATING SPEED				T2 HEATING SPEED				T3 HEATING SPEED			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	1,125	162	1.44	NR	1,466	315	2.67	58	1,780	496	3.33	48
0.2	1,049	168	1.53	NR	1,384	322	2.74	62	1,730	506	3.89	49
0.3	1,000	178	1.60	NR	1,347	329	2.78	63	1,664	520	4.01	51
0.4	910	184	1.64	NR	1,291	341	2.83	66	1,608	526	4.03	53
0.5	857	197	1.75	NR	1,237	350	2.90	69	1,568	532	4.12	54
0.6	809	201	1.83	NR	1,185	362	3.05	72	1,515	546	4.14	56
0.7	739	207	1.86	NR	1,134	369	3.09	NR	1,477	552	4.18	58
0.8	703	218	1.96	NR	1,087	382	3.21	NR	1,422	562	4.23	60

Unit Static	T4 COOLING SPEED			T5 COOLING SPEED		
	CFM	WATTS	AMPS	CFM	WATTS	AMPS
0.1	1,942	649	4.83	2,067	792	5.81
0.2	1,883	657	4.87	2,030	811	5.85
0.3	1,859	670	4.96	1,982	814	5.88
0.4	1,827	675	4.97	1,909	808	5.86
0.5	1,749	683	4.99	1,842	798	5.85
0.6	1,706	693	5.10	1,789	772	5.65
0.7	1,655	703	5.12	1,703	763	5.58
0.8	1,588	705	5.11	1,618	732	5.29

*PG13601401BA/BB - Rise Range: 45° - 75°												
Unit Static	T1 HEATING SPEED				T2 HEATING SPEED				T3 HEATING SPEED			
	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE	CFM	WATTS	AMPS	RISE
0.1	1,125	162	1.44	NR	1,466	315	2.67	71	1,780	496	3.33	59
0.2	1,049	168	1.53	NR	1,384	322	2.74	NR	1,730	506	3.89	60
0.3	1,000	178	1.60	NR	1,347	329	2.78	NR	1,664	520	4.01	63
0.4	910	184	1.64	NR	1,291	341	2.83	NR	1,608	526	4.03	65
0.5	857	197	1.75	NR	1,237	350	2.90	NR	1,568	532	4.12	67
0.6	809	201	1.83	NR	1,185	362	3.05	NR	1,515	546	4.14	69
0.7	739	207	1.86	NR	1,134	369	3.09	NR	1,477	552	4.18	71
0.8	703	218	1.96	NR	1,087	382	3.21	NR	1,422	562	4.23	74

Unit Static	T4 COOLING SPEED			T5 COOLING SPEED		
	CFM	WATTS	AMPS	CFM	WATTS	AMPS
0.1	1,942	649	4.83	2,067	792	5.81
0.2	1,883	657	4.87	2,030	811	5.85
0.3	1,859	670	4.96	1,982	814	5.88
0.4	1,827	675	4.97	1,909	808	5.86
0.5	1,749	683	4.99	1,842	798	5.85
0.6	1,706	693	5.10	1,789	772	5.65
0.7	1,655	703	5.12	1,703	763	5.58
0.8	1,588	705	5.11	1,618	732	5.29

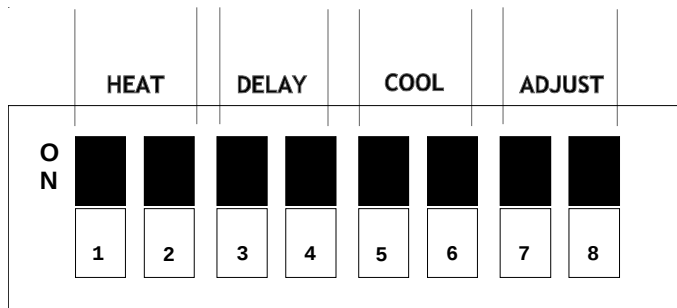
NR = Heating Temperature Rise Not Recommended.

NOTE: The shaded area indicates ranges in excess of maximum external static pressure allowable when heating. For satisfactory operation, external static pressure should not exceed 0.5" w.c.

BLOWER PERFORMANCE DATA

Dipswitch Settings

*PG13(48, 60)***1A models are equipped with GE ECM motors. These motors offer greater airflow flexibility as well as dehumidification. The airflow delivery for these models can be adjusted by changing the position of dip switches on a low voltage terminal board. The figure below shows the dipswitch layout on the low voltage terminal board as well as the function of each set of switches. The "HEAT" function (switches 1 and 2) provides airflow adjustment for heating airflow. The "COOL" adjustment function (switches 5 and 6) provides airflow adjustments for cooling airflow. The "ADJUST" function (switches 7 and 8) will adjust the heating AND cooling airflow +10% or - 15%. The "DELAY" function (switches 3 and 4) is not field adjustable.



To adjust the HEAT, COOL or ADJUST functions, simply change the ON/OFF position of the appropriate dipswitches. The table below shows the ON/OFF combinations for the various switches and the corresponding A, B, C, or D taps. Refer to the Product Data Book applicable to your model for airflow tables and temperature rise. The "Dipswitch Position" table shows the factory dipswitch settings for each model. The "CFM" table shows the nominal heating and cooling CFM for each model.

	HEAT		DELAY		COOL		ADJUST	
	1	2	3†	4	5	6	7	8
A	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
B	ON	OFF	ON	OFF	ON	OFF	ON	OFF
C	OFF	ON	OFF	ON	OFF	ON	OFF	ON
D	ON	ON	ON	ON	ON	ON	ON*	ON*

† Factory Set; not field adjustable

* Tap D has no effect on airflow

Dipswitch Settings and Corresponding Tap

Model	DIP SWITCH POSITION							
	1	2	3	4	5	6	7	8
GPG13480701*	ON	ON	OFF	OFF	ON	OFF	OFF	OFF
GPG13480901*	OFF	ON	OFF	OFF	ON	OFF	OFF	OFF
GPG13481151*	ON	OFF	OFF	OFF	ON	OFF	OFF	OFF
GPG13600901*	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
GPG13601151*	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
GPG13601401*	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF

Model	CFM	
	HEAT	COOL
GPG13480701*	1020	1540
GPG13480901*	1140	1540
GPG13481151*	1420	1540
GPG13600901*	1140	1810
GPG13601151*	1420	1810
GPG13601401*	1700	1810

Unit dipswitches are factory set for each model. See label on blower housing for CFM adjustment next to low voltage terminal connections.

NOTE: Heating airflow must be adjusted to provide the temperature rise shown on rating plate.

PG13601A ONLY:** Low stage airflow is approximately 75% of high stage cooling airflow.

Example: High stage cooling airflow is 1800 CFM. Low stage cooling airflow is 0.75*1800 CFM = 1350 CFM.

The adjustment factors for the ADJUST function are:

A = 1, B = 1.10 (+10%) and C = 0.85 (-15%). The D tap for the ADJUST function has no effect on airflow. *Example:* Airflow tables indicate 1425 CFM. With the ADJUST set to B tap, the CFM becomes 1.10*1425 CFM = 1568 CFM.

BLOWER PERFORMANCE DATA

*PG13480701A (Rise Range 35° - 65°)			
Heating Speed Tap	Adjust Tap	CFM @ 0.1-0.5 ESP	RISE
A	Minus (-) Tap	1445	35
	Nominal	1700	NR
	Plus (+) Tap	1870	NR
B	Minus (-) Tap	1207	42
	Nominal	1420	36
	Plus (+) Tap	1562	NR
C	Minus (-) Tap	969	53
	Nominal	1140	45
	Plus (+) Tap	1254	41
D	Minus (-) Tap	867	59
	Nominal	1020	50
	Plus (+) Tap	1122	46

*PG13480701A Cooling Speed		
Cooling Speed Tap	Adjust Tap	CFM @ 0.1-0.5 ESP
A	Minus (-) Tap	1539
	Nominal	1811
	Plus (+) Tap	1992
B	Minus (-) Tap	1325
	Nominal	1559
	Plus (+) Tap	1715
C	Minus (-) Tap	1133
	Nominal	1333
	Plus (+) Tap	1466
D	Minus (-) Tap	977
	Nominal	1149
	Plus (+) Tap	1264

*PG13480901A (Rise Range 45° - 75°)			
Heating Speed Tap	Adjust Tap	CFM	RISE
A	Minus (-) Tap	1445	47
	Nominal	1700	NR
	Plus (+) Tap	1870	NR
B	Minus (-) Tap	1207	56
	Nominal	1420	48
	Plus (+) Tap	1562	44
C	Minus (-) Tap	969	70
	Nominal	1140	60
	Plus (+) Tap	1254	54
D	Minus (-) Tap	867	NR
	Nominal	1020	67
	Plus (+) Tap	1122	61

*PG13480901A Cooling Speed		
Cooling Speed Tap	Adjust Tap	CFM @ 0.1-0.5 ESP
A	Minus (-) Tap	1539
	Nominal	1811
	Plus (+) Tap	1992
B	Minus (-) Tap	1325
	Nominal	1559
	Plus (+) Tap	1715
C	Minus (-) Tap	1133
	Nominal	1333
	Plus (+) Tap	1466
D	Minus (-) Tap	977
	Nominal	1149
	Plus (+) Tap	1264

*PG13481151A (Rise Range 45° - 75°)			
Heating Speed Tap	Adjust Tap	CFM	RISE
A	Minus (-) Tap	1445	59
	Nominal	1700	50
	Plus (+) Tap	1870	46
B	Minus (-) Tap	1207	71
	Nominal	1420	60
	Plus (+) Tap	1562	55
C	Minus (-) Tap	969	NR
	Nominal	1140	75
	Plus (+) Tap	1254	68
D	Minus (-) Tap	867	NR
	Nominal	1020	NR
	Plus (+) Tap	1122	NR

*PG13481151A Cooling Speed		
Cooling Speed Tap	Adjust Tap	CFM
A	Minus (-) Tap	1539
	Nominal	1811
	Plus (+) Tap	1992
B	Minus (-) Tap	1325
	Nominal	1559
	Plus (+) Tap	1715
C	Minus (-) Tap	1133
	Nominal	1333
	Plus (+) Tap	1466
D	Minus (-) Tap	977
	Nominal	1149
	Plus (+) Tap	1264

NR = Heating Temperature Rise Not Recommended.

BLOWER PERFORMANCE DATA

*PG13600901A (Rise Range 45° - 75°)			
Heating Speed Tap	Adjust Tap	CFM @ 0.1-0.5 ESP	RISE
A	Minus (-) Tap	1539	NR
	Nominal	1810	NR
	Plus (+) Tap	1991	NR
B	Minus (-) Tap	1309	52
	Nominal	1540	NR
	Plus (+) Tap	1694	NR
C	Minus (-) Tap	1207	56
	Nominal	1420	48
	Plus (+) Tap	1562	NR
D	Minus (-) Tap	969	70
	Nominal	1140	60
	Plus (+) Tap	1254	54

Cooling Speed Tap	Adjust Tap	*PG13600901A High Stage Cooling	Low Stage Cooling
		CFM @ 0.1-0.5 ESP	CFM @ 0.1-0.5 ESP
A	Minus (-) Tap	1,487	1038
	Nominal	1,749	1221
	Plus (+) Tap	1,924	1343
B	Minus (-) Tap	1,216	819
	Nominal	1,431	964
	Plus (+) Tap	1,574	1060
C	Minus (-) Tap	996	687
	Nominal	1,172	808
	Plus (+) Tap	1,289	889
D	Minus (-) Tap	803	529
	Nominal	945	622
	Plus (+) Tap	1,040	684

*PG13601151A (Rise Range 45° - 75°)			
Heating Speed Tap	Adjust Tap	CFM	RISE
A	Minus (-) Tap	1539	55
	Nominal	1810	47
	Plus (+) Tap	1991	NR
B	Minus (-) Tap	1309	65
	Nominal	1540	55
	Plus (+) Tap	1694	50
C	Minus (-) Tap	1207	71
	Nominal	1420	60
	Plus (+) Tap	1562	55
D	Minus (-) Tap	969	NR
	Nominal	1140	75
	Plus (+) Tap	1254	68

Cooling Speed Tap	Adjust Tap	*PG13601151A High Stage Cooling	*PG13601151A Low Stage Cooling
		CFM @ 0.1-0.5 ESP	CFM @ 0.1-0.5 ESP
A	Minus (-) Tap	1,487	1038
	Nominal	1,749	1221
	Plus (+) Tap	1,924	1343
B	Minus (-) Tap	1,216	819
	Nominal	1,431	964
	Plus (+) Tap	1,574	1060
C	Minus (-) Tap	996	687
	Nominal	1,172	808
	Plus (+) Tap	1,289	889
D	Minus (-) Tap	803	529
	Nominal	945	622
	Plus (+) Tap	1,040	684

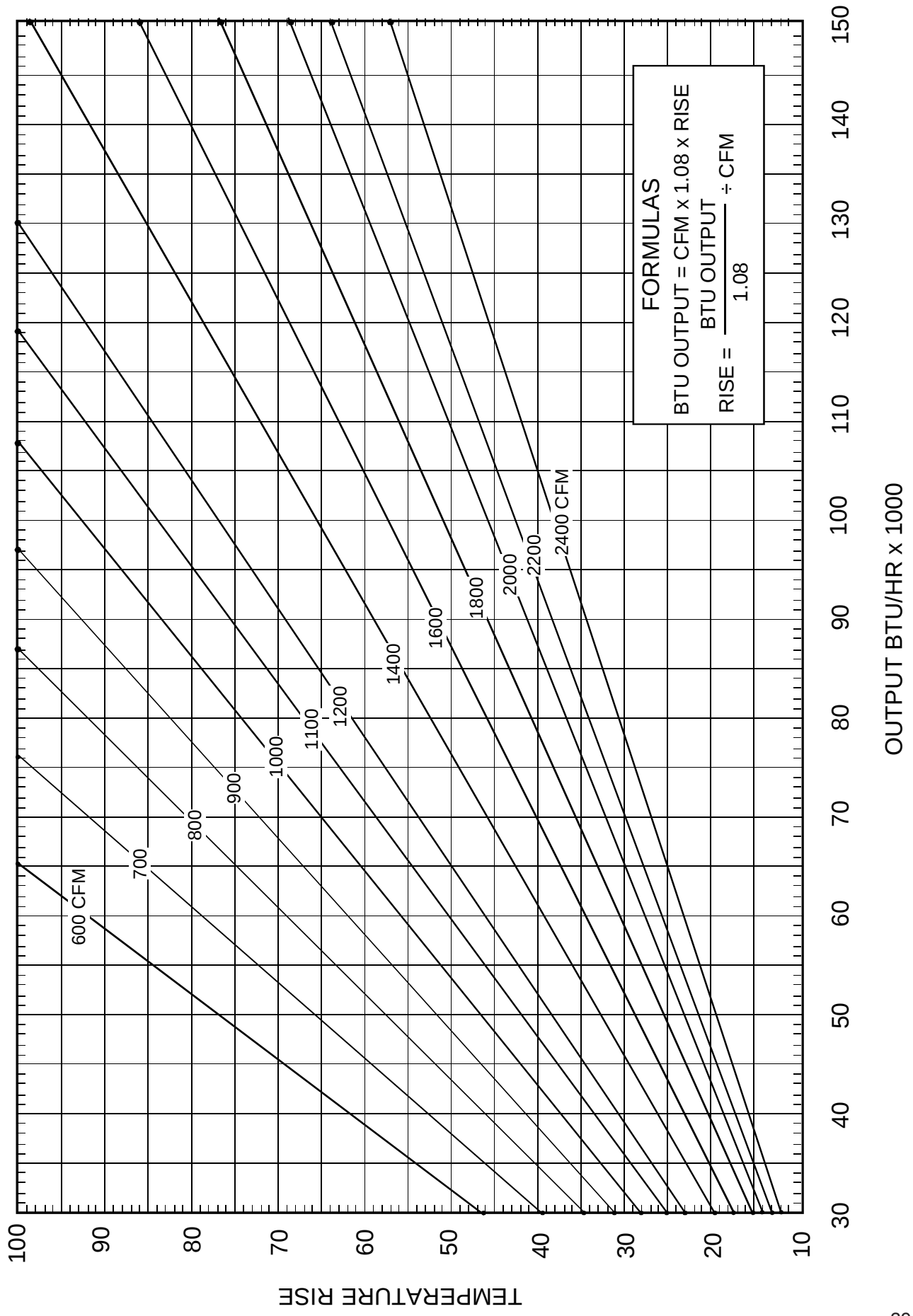
*PG13601401A (Rise Range 45° - 75°)			
Heating Speed Tap	Adjust Tap	CFM	RISE
A	Minus (-) Tap	1539	66
	Nominal	1810	56
	Plus (+) Tap	1991	51
B	Minus (-) Tap	1309	NR
	Nominal	1540	66
	Plus (+) Tap	1694	60
C	Minus (-) Tap	1207	NR
	Nominal	1420	72
	Plus (+) Tap	1562	65
D	Minus (-) Tap	969	NR
	Nominal	1140	NR
	Plus (+) Tap	1254	NR

Cooling Speed Tap	Adjust Tap	*PG13601401A High Stage Cooling	*PG13601401A Low Stage Cooling
		CFM @ 0.1-0.5 ESP	CFM @ 0.1-0.5 ESP
A	Minus (-) Tap	1,487	1038
	Nominal	1,749	1221
	Plus (+) Tap	1,924	1343
B	Minus (-) Tap	1,216	819
	Nominal	1,431	964
	Plus (+) Tap	1,574	1060
C	Minus (-) Tap	996	687
	Nominal	1,172	808
	Plus (+) Tap	1,289	889
D	Minus (-) Tap	803	529
	Nominal	945	622
	Plus (+) Tap	1,040	684

NR = Heating Temperature Rise Not Recommended.

BLOWER PERFORMANCE DATA

BTU OUTPUT vs TEMPERATURE RISE CHART



COOLING PERFORMANCE DATA

*PG1324***1A

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1324***1A

		Outdoor Ambient Temperature																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		65					75					85					95					105					115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
IDB*	Airflow	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999	1003	1007	1011	1015	1019	1023	1027	1031	1035	1039	1043	1047	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1095	1099	1103	1107	1111	1115	1119	1123	1127	1131	1135	1139	1143	1147	1151	1155	1159	1163	1167	1171	1175	1179	1183	1187	1191	1195	1199	1203	1207	1211	1215	1219	1223	1227	1231	1235	1239	1243	1247	1251	1255	1259	1263	1267	1271	1275	1279	1283	1287	1291	1295	1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	1359	1363	1367	1371	1375	1379	1383	1387	1391	1395	1399	1403	1407	1411	1415	1419	1423	1427	1431	1435	1439	1443	1447	1451	1455	1459	1463	1467	1471	1475	1479	1483	1487	1491	1495	1499	1503	1507	1511	1515	1519	1523	1527	1531	1535	1539	1543	1547	1551	1555	1559	1563	1567	1571	1575	1579	1583	1587	1591	1595	1599	1603	1607	1611	1615	1619	1623	1627	1631	1635	1639	1643	1647	1651	1655	1659	1663	1667	1671	1675	1679	1683	1687	1691	1695	1699	1703	1707	1711	1715	1719	1723	1727	1731	1735	1739	1743	1747	1751	1755	1759	1763	1767	1771	1775	1779	1783	1787	1791	1795	1799	1803	1807	1811	1815	1819	1823	1827	1831	1835	1839	1843	1847	1851	1855	1859	1863	1867	1871	1875	1879	1883	1887	1891	1895	1899	1903	1907	1911	1915	1919	1923	1927	1931	1935	1939	1943	1947	1951	1955	1959	1963	1967	1971	1975	1979	1983	1987	1991	1995	1999	2003	2007	2011	2015	2019	2023	2027	2031	2035	2039	2043	2047	2051	2055	2059	2063	2067	2071	2075	2079	2083	2087	2091	2095	2099	2103	2107	2111	2115	2119	2123	2127	2131	2135	2139	2143	2147	2151	2155	2159	2163	2167	2171	2175	2179	2183	2187	2191	2195	2199	2203	2207	2211	2215	2219	2223	2227	2231	2235	2239	2243	2247	2251	2255	2259	2263	2267	2271	2275	2279	2283	2287	2291	2295	2299	2303	2307	2311	2315	2319	2323	2327	2331	2335	2339	2343	2347	2351	2355	2359	2363	2367	2371	2375	2379	2383	2387	2391	2395	2399	2403	2407	2411	2415	2419	2423	2427	2431	2435	2439	2443	2447	2451	2455	2459	2463	2467	2471	2475	2479	2483	2487	2491	2495	2499	2503	2507	2511	2515	2519	2523	2527	2531	2535	2539	2543	2547	2551	2555	2559	2563	2567	2571	2575	2579	2583	2587	2591	2595	2599	2603	2607	2611	2615	2619	2623	2627	2631	2635	2639	2643	2647	2651	2655	2659	2663	2667	2671	2675	2679	2683	2687	2691	2695	2699	2703	2707	2711	2715	2719	2723	2727	2731	2735	2739	2743	2747	2751	2755	2759	2763	2767	2771	2775	2779	2783	2787	2791	2795	2799	2803	2807	2811	2815	2819	2823	2827	2831	2835	2839	2843	2847	2851	2855	2859	2863	2867	2871	2875	2879	2883	2887	2891	2895	2899	2903	2907	2911	2915	2919	2923	2927	2931	2935	2939	2943	2947	2951	2955	2959	2963	2967	2971	2975	2979	2983	2987	2991	2995	2999	3003	3007	3011	3015	3019	3023	3027	3031	3035	3039	3043	3047	3051	3055	3059	3063	3067	3071	3075	3079	3083	3087	3091	3095	3099	3103	3107	3111	3115	3119	3123	3127	3131	3135	3139	3143	3147	3151	3155	3159	3163	3167	3171	3175	3179	3183	3187	3191	3195	3199	3203	3207	3211	3215	3219	3223	3227	3231	3235	3239	3243	3247	3251	3255	3259	3263	3267	3271	3275	3279	3283	3287	3291	3295	3299	3303	3307	3311	3315	3319	3323	3327	3331	3335	3339	3343	3347	3351	3355	3359	3363	3367	3371	3375	3379	3383	3387	3391	3395	3399	3403	3407	3411	3415	3419	3423	3427	3431	3435	3439	3443	3447	3451	3455	3459	3463	3467	3471	3475	3479	3483	3487	3491	3495	3499	3503	3507	3511	3515	3519	3523	3527	3531	3535	3539	3543	3547	3551	3555	3559	3563	3567	3571	3575	3579	3583	3587	3591	3595	3599	3603	3607	3611	3615	3619	3623	3627	3631	3635	3639	3643	3647	3651	3655	3659	3663	3667	3671	3675	3679	3683	3687	3691	3695	3699	3703	3707	3711	3715	3719	3723	3727	3731	3735	3739	3743	3747	3751	3755	3759	3763	3767	3771	3775	3779	3783	3787	3791	3795	3799	3803	3807	3811	3815	3819	3823	3827	3831	3835	3839	3843	3847	3851	3855	3859	3863	3867	3871	3875	3879	3883	3887	3891	3895	3899	3903	3907	3911	3915	3919	3923	3927	3931	3935	3939	3943	3947	3951	3955	3959	3963	3967	3971	3975	3979	3983	3987	3991	3995	3999	4003	4007	4011	4015	4019	4023	4027	4031	4035	4039	4043	4047	4051	4055	4059	4063	4067	4071	4075	4079	4083	4087	4091	4095	4099	4103	4107	4111	4115	4119	4123	4127	4131	4135	4139	4143	4147	4151	4155	4159	4163	4167	4171	4175	4179	4183	4187	4191	4195	4199	4203	4207	4211	4215	4219	4223	4227	4231	4235	4239	4243	4247	4251	4255	4259	4263	4267	4271	4275	4279	4283	4287	4291	4295	4299	4303	4307	4311	4315	4319	4323	4327	4331	4335	4339	4343	4347	4351	4355	4359	4363	4367	4371	4375	4379	4383	4387	4391	4395	4399	4403	4407	4411	4415	4419	4423	4427	4431	4435	4439	4443	4447	4451	4455	4459	4463	4467	4471	4475	4479	4483	4487	4491	4495	4499	4503	4507	4511	4515	4519	4523	4527	4531	4535	4539	4543	4547	4551	4555	4559	4563	4567	4571	4575	4579	4583	4587	4591	4595	4599	4603	4607	4611	4615	4619	4623	4627	4631	4635	4639	4643	4647	4651	4655	4659	4663	4667	4671	4675	4679	4683	4687	4691	4695	4699	4703	4707	4711	4715	4719	4723	4727	4731	4735	4739	4743	4747	4751	4755	4759	4763	4767	4771	4775	4779	4783	4787	4791	4795	4799	4803	4807	4811	4815	4819	4823	4827	4831	4835	4839	4843	4847	4851	4855	4859	4863	4867	4871	4875	4879	4883	4887	4891	4895	4899	4903	4907	4911	4915	4919	4923	4927	4931	4935	4939	4943	4947	4951	4955	4959	4963	4967	4971	4975	4979	4983	4987	4991	4995	4999	5003	5007	5011	5015	5019	5023	5027	5031	5035	5039	5043	5047	5051	5055	5059	5063	5067	5071	5075	5079	5083	5087	5091	5095	5099	5103	5107	5111	5115	5119	5123	5127	5131	5135	5139	5143	5147	5151	5155	5159	5163	5167	5171	5175	5179	5183	5187	5191	5195	5199	5203	5207	5211	5215	5219	5223	5227	5231	5235	5239	5243	5247	5251	5255	5259	5263	5267	5271	5275	5279	5283	5287	5291	5295	5299	5303	5307	5311	5315	5319	5323	5327	5331	5335	5339	5343	5347	5351	5355	5359	5363	5367	5371	5375	5379	5383	5387	5391	5395	5399	5403	5407	5411	5415	5419	5423	5427	5431	5435	5439	5443	5447	5451	5455	5459	5463	5467	5471	5475	5479	5483	5487

COOLING PERFORMANCE DATA

*PG1324***1A

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1324***1A

		65										75										85										95										105										115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		Outdoor Ambient Temperature																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
IDB*	Airflow	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999	1003	1007	1011	1015	1019	1023	1027	1031	1035	1039	1043	1047	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1095	1099	1103	1107	1111	1115	1119	1123	1127	1131	1135	1139	1143	1147	1151	1155	1159	1163	1167	1171	1175	1179	1183	1187	1191	1195	1199	1203	1207	1211	1215	1219	1223	1227	1231	1235	1239	1243	1247	1251	1255	1259	1263	1267	1271	1275	1279	1283	1287	1291	1295	1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	1359	1363	1367	1371	1375	1379	1383	1387	1391	1395	1399	1403	1407	1411	1415	1419	1423	1427	1431	1435	1439	1443	1447	1451	1455	1459	1463	1467	1471	1475	1479	1483	1487	1491	1495	1499	1503	1507	1511	1515	1519	1523	1527	1531	1535	1539	1543	1547	1551	1555	1559	1563	1567	1571	1575	1579	1583	1587	1591	1595	1599	1603	1607	1611	1615	1619	1623	1627	1631	1635	1639	1643	1647	1651	1655	1659	1663	1667	1671	1675	1679	1683	1687	1691	1695	1699	1703	1707	1711	1715	1719	1723	1727	1731	1735	1739	1743	1747	1751	1755	1759	1763	1767	1771	1775	1779	1783	1787	1791	1795	1799	1803	1807	1811	1815	1819	1823	1827	1831	1835	1839	1843	1847	1851	1855	1859	1863	1867	1871	1875	1879	1883	1887	1891	1895	1899	1903	1907	1911	1915	1919	1923	1927	1931	1935	1939	1943	1947	1951	1955	1959	1963	1967	1971	1975	1979	1983	1987	1991	1995	1999	2003	2007	2011	2015	2019	2023	2027	2031	2035	2039	2043	2047	2051	2055	2059	2063	2067	2071	2075	2079	2083	2087	2091	2095	2099	2103	2107	2111	2115	2119	2123	2127	2131	2135	2139	2143	2147	2151	2155	2159	2163	2167	2171	2175	2179	2183	2187	2191	2195	2199	2203	2207	2211	2215	2219	2223	2227	2231	2235	2239	2243	2247	2251	2255	2259	2263	2267	2271	2275	2279	2283	2287	2291	2295	2299	2303	2307	2311	2315	2319	2323	2327	2331	2335	2339	2343	2347	2351	2355	2359	2363	2367	2371	2375	2379	2383	2387	2391	2395	2399	2403	2407	2411	2415	2419	2423	2427	2431	2435	2439	2443	2447	2451	2455	2459	2463	2467	2471	2475	2479	2483	2487	2491	2495	2499	2503	2507	2511	2515	2519	2523	2527	2531	2535	2539	2543	2547	2551	2555	2559	2563	2567	2571	2575	2579	2583	2587	2591	2595	2599	2603	2607	2611	2615	2619	2623	2627	2631	2635	2639	2643	2647	2651	2655	2659	2663	2667	2671	2675	2679	2683	2687	2691	2695	2699	2703	2707	2711	2715	2719	2723	2727	2731	2735	2739	2743	2747	2751	2755	2759	2763	2767	2771	2775	2779	2783	2787	2791	2795	2799	2803	2807	2811	2815	2819	2823	2827	2831	2835	2839	2843	2847	2851	2855	2859	2863	2867	2871	2875	2879	2883	2887	2891	2895	2899	2903	2907	2911	2915	2919	2923	2927	2931	2935	2939	2943	2947	2951	2955	2959	2963	2967	2971	2975	2979	2983	2987	2991	2995	2999	3003	3007	3011	3015	3019	3023	3027	3031	3035	3039	3043	3047	3051	3055	3059	3063	3067	3071	3075	3079	3083	3087	3091	3095	3099	3103	3107	3111	3115	3119	3123	3127	3131	3135	3139	3143	3147	3151	3155	3159	3163	3167	3171	3175	3179	3183	3187	3191	3195	3199	3203	3207	3211	3215	3219	3223	3227	3231	3235	3239	3243	3247	3251	3255	3259	3263	3267	3271	3275	3279	3283	3287	3291	3295	3299	3303	3307	3311	3315	3319	3323	3327	3331	3335	3339	3343	3347	3351	3355	3359	3363	3367	3371	3375	3379	3383	3387	3391	3395	3399	3403	3407	3411	3415	3419	3423	3427	3431	3435	3439	3443	3447	3451	3455	3459	3463	3467	3471	3475	3479	3483	3487	3491	3495	3499	3503	3507	3511	3515	3519	3523	3527	3531	3535	3539	3543	3547	3551	3555	3559	3563	3567	3571	3575	3579	3583	3587	3591	3595	3599	3603	3607	3611	3615	3619	3623	3627	3631	3635	3639	3643	3647	3651	3655	3659	3663	3667	3671	3675	3679	3683	3687	3691	3695	3699	3703	3707	3711	3715	3719	3723	3727	3731	3735	3739	3743	3747	3751	3755	3759	3763	3767	3771	3775	3779	3783	3787	3791	3795	3799	3803	3807	3811	3815	3819	3823	3827	3831	3835	3839	3843	3847	3851	3855	3859	3863	3867	3871	3875	3879	3883	3887	3891	3895	3899	3903	3907	3911	3915	3919	3923	3927	3931	3935	3939	3943	3947	3951	3955	3959	3963	3967	3971	3975	3979	3983	3987	3991	3995	3999	4003	4007	4011	4015	4019	4023	4027	4031	4035	4039	4043	4047	4051	4055	4059	4063	4067	4071	4075	4079	4083	4087	4091	4095	4099	4103	4107	4111	4115	4119	4123	4127	4131	4135	4139	4143	4147	4151	4155	4159	4163	4167	4171	4175	4179	4183	4187	4191	4195	4199	4203	4207	4211	4215	4219	4223	4227	4231	4235	4239	4243	4247	4251	4255	4259	4263	4267	4271	4275	4279	4283	4287	4291	4295	4299	4303	4307	4311	4315	4319	4323	4327	4331	4335	4339	4343	4347	4351	4355	4359	4363	4367	4371	4375	4379	4383	4387	4391	4395	4399	4403	4407	4411	4415	4419	4423	4427	4431	4435	4439	4443	4447	4451	4455	4459	4463	4467	4471	4475	4479	4483	4487	4491	4495	4499	4503	4507	4511	4515	4519	4523	4527	4531	4535	4539	4543	4547	4551	4555	4559	4563	4567	4571	4575	4579	4583	4587	4591	4595	4599	4603	4607	4611	4615	4619	4623	4627	4631	4635	4639	4643	4647	4651	4655	4659	4663	4667	4671	4675	4679	4683	4687	4691	4695	4699	4703	4707	4711	4715	4719	4723	4727	4731	4735	4739	4743	4747	4751	4755	4759	4763	4767	4771	4775	4779	4783	4787	4791	4795	4799	4803	4807	4811	4815	4819	4823	4827	4831	4835	4839	4843	4847	4851	4855	4859	4863	4867	4871	4875	4879	4883	4887	4891	4895	4899	4903	4907	4911	4915	4919	4923	4927	4931	4935	4939	4943	4947	4951	4955	4959	4963	4967	4971	4975	4979	4983	4987	4991	4995	4999	5003	5007	5011	5015	5019	5023	5027	5031	5035	5039	5043	5047	5051	5055	5059	5063	5067	5071	5075	5079	5083	5087	5091	5095	5099	5103	5107	5111	5115	5119	5123	5127	5131	5135	5139	5143	5147	5151	5155	5159	5163	5167	5171	5175	5179	5183	5187	5191	5195	5199	5203	5207	5211	5215	5219	5223	5227	5231	5235	5239	5243	5247	5251	5255	5259	5263	5267	5271	5275	5279	5283	5287	5291	5295	5299	5303	5307	5311	5315	5319	5323	5327	5331	5335	5339	5343	5347	5351	5355	5359	5363	5367	5371	5375	5379	5383	5387	5391	5395	5399	5403	5407	5411	5415	5419	5423	5427	5431	5435	5439	5443	5447	5451	5455	5459	5463	5467	5471	5475	5479	5483	

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GPG1324***1B*

IDB*		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
		Entering Indoor Wet Bulb Temperature																																			
Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71									
917	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	-	20.8	21.5	23.6	-								
	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	-	0.80	0.67	0.46	-								
	Delta T	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	14	11	-	16	13	10	-	17	14	11	-								
	KW	1.67	1.71	1.76	-	1.80	1.83	1.89	-	1.90	1.94	2.00	-	2.00	2.04	2.11	-	2.08	2.13	2.19	-	2.15	2.20	2.27	-	2.08	2.13	2.19	-								
	AMPS	7.0	7.1	7.3	-	7.5	7.6	7.8	-	8.0	8.2	8.4	-	8.5	8.7	9.0	-	9.0	9.2	9.5	-	9.5	9.7	10.0	-	9.0	9.2	9.5	-								
	HI PR	146	157	166	-	164	176	186	-	186	201	212	-	212	228	241	-	239	257	271	-	264	284	300	-	239	257	271	-								
815	LO PR	45	48	53	-	48	51	56	-	50	53	58	-	52	56	61	-	55	58	64	-	57	60	66	-	55	58	64	-								
	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	-	20.2	20.9	22.9	-								
	S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.61	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.45	-	0.76	0.64	0.44	-								
	Delta T	17	15	11	-	17	15	11	-	18	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-	17	15	11	-								
	KW	1.66	1.70	1.75	-	1.78	1.82	1.88	-	1.89	1.93	1.99	-	1.98	2.03	2.09	-	2.06	2.11	2.18	-	2.13	2.18	2.25	-	2.06	2.11	2.18	-								
	AMPS	6.9	7.1	7.3	-	7.4	7.6	7.8	-	8.0	8.1	8.4	-	8.5	8.6	8.9	-	8.9	9.1	9.4	-	9.4	9.6	9.9	-	8.9	9.1	9.4	-								
713	HI PR	145	156	164	-	162	175	184	-	185	199	210	-	210	226	239	-	236	254	269	-	261	281	297	-	236	254	269	-								
	LO PR	45	48	52	-	48	51	55	-	49	53	57	-	52	55	60	-	54	58	63	-	56	60	65	-	54	58	63	-								
	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	-	18.6	19.3	21.1	-								
	S/T	0.65	0.54	0.37	-	0.67	0.56	0.39	-	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.74	0.61	0.43	-	0.74	0.62	0.43	-	0.74	0.61	0.43	-								
	Delta T	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-	18	15	12	-								
	KW	1.62	1.66	1.71	-	1.74	1.78	1.83	-	1.85	1.88	1.94	-	1.94	1.98	2.04	-	2.01	2.06	2.12	-	2.08	2.13	2.19	-	2.01	2.06	2.12	-								
70	AMPS	6.7	6.9	7.1	-	7.2	7.4	7.6	-	7.8	7.9	8.2	-	8.2	8.4	8.7	-	8.7	8.9	9.2	-	9.2	9.4	9.7	-	8.7	8.9	9.2	-								
	HI PR	140	151	159	-	157	169	179	-	179	193	203	-	204	219	232	-	229	247	261	-	253	273	288	-	229	247	261	-								
	LO PR	44	46	51	-	46	49	54	-	48	51	56	-	50	54	58	-	53	56	61	-	55	58	63	-	53	56	61	-								

75	917	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	0.80	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	19	18	14	10	19	18	15	10	19	18	15	10	20	18	15	10	19	18	15	10	18	17	14	9
		KW	1.69	1.72	1.77	1.83	1.81	1.85	1.90	1.96	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	2.22	2.29	2.36
		AMPS	7.0	7.2	7.4	7.6	7.5	7.7	7.9	8.2	8.1	8.3	8.5	8.8	8.6	8.8	9.0	9.4	9.1	9.3	9.6	9.9	9.6	9.8	10.1	10.5
		HiPR	148	159	168	175	166	178	188	196	188	203	214	223	214	231	244	254	241	260	274	286	267	287	303	316
		LOPR	46	49	53	57	48	52	56	60	50	54	59	62	53	56	61	65	55	59	64	69	57	61	67	71
		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	0.76	0.68	0.52	0.33	0.79	0.71	0.53	0.34	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.88	0.78	0.59	0.38
		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
815		KW	1.67	1.71	1.76	1.81	1.80	1.83	1.89	1.95	1.90	1.94	2.01	2.07	2.00	2.04	2.11	2.17	2.08	2.13	2.19	2.26	2.15	2.20	2.27	2.34
		AMPS	7.0	7.1	7.3	7.6	7.5	7.6	7.8	8.1	8.0	8.2	8.4	8.7	8.5	8.7	9.0	9.3	9.0	9.2	9.5	9.8	9.5	9.7	10.0	10.4
		HiPR	146	157	166	173	164	176	186	194	186	201	212	221	212	228	241	252	239	257	271	283	264	284	300	313
		LOPR	45	48	53	56	48	51	56	59	50	53	58	62	52	56	61	65	55	58	64	68	57	60	66	70
		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
		S/T	0.73	0.66	0.50	0.32	0.76	0.68	0.52	0.33	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.84	0.75	0.57	0.37
		Delta T	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	20	19	15	11	19	18	14	10
		KW	1.64	1.67	1.72	1.77	1.76	1.79	1.85	1.90	1.86	1.90	1.96	2.02	1.95	1.99	2.06	2.12	2.03	2.07	2.14	2.21	2.10	2.14	2.21	2.28
		AMPS	6.8	6.9	7.1	7.4	7.3	7.4	7.6	7.9	7.8	8.0	8.2	8.5	8.3	8.5	8.7	9.0	8.8	9.0	9.3	9.6	9.3	9.5	9.8	10.1
		HiPR	142	152	161	168	159	171	181	188	181	195	205	214	206	222	234	244	232	249	263	275	256	275	291	303
LOPR	44	47	51	55	47	50	54	58	48	52	56	60	51	54	59	63	53	57	62	66	55	59	64	68		
713		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
		S/T	0.73	0.66	0.50	0.32	0.76	0.68	0.52	0.33	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.84	0.75	0.57	0.37
		Delta T	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	20	19	15	11	19	18	14	10
		KW	1.64	1.67	1.72	1.77	1.76	1.79	1.85	1.90	1.86	1.90	1.96	2.02	1.95	1.99	2.06	2.12	2.03	2.07	2.14	2.21	2.10	2.14	2.21	2.28
		AMPS	6.8	6.9	7.1	7.4	7.3	7.4	7.6	7.9	7.8	8.0	8.2	8.5	8.3	8.5	8.7	9.0	8.8	9.0	9.3	9.6	9.3	9.5	9.8	10.1
		HiPR	142	152	161	168	159	171	181	188	181	195	205	214	206	222	234	244	232	249	263	275	256	275	291	303
		LOPR	44	47	51	55	47	50	54	58	48	52	56	60	51	54	59	63	53	57	62	66	55	59	64	68

* 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

*PG1324***1BA/BB

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GPG1324***1B*

IDB*			Airflow			Outdoor Ambient Temperature																		115																																												
						65																					75			85																		95			105																	
						Entering Indoor Wet Bulb Temperature																																																														
						59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63							67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																					
80	917	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	19.9	20.4	21.8	23.3	19.9	20.4	21.8	23.3	19.9	20.4	21.8	23.3																										
		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	0.94	0.76	0.57	1.00	0.94	0.77	0.57	1.00	0.94	0.77	0.57	1.00	0.94	0.77	0.57	1.00	0.94	0.77	0.57	1.00	0.94	0.77	0.57																										
		Delta T	21	21	18	14	22	21	18	14	22	21	18	14	22	21	18	14	22	21	18	14	20	19	17	13	20	19	17	13	20	19	17	13	20	19	17	13	20	19	17	13																										
		KW	1.70	1.73	1.79	1.84	1.82	1.86	1.92	1.98	1.93	1.98	2.04	2.10	2.03	2.08	2.14	2.21	2.11	2.16	2.23	2.30	2.19	2.23	2.31	2.38	2.19	2.23	2.31	2.38	2.19	2.23	2.31	2.38	2.19	2.23	2.31	2.38	2.19	2.23	2.31	2.38																										
		AMPS	7.1	7.2	7.4	7.7	7.6	7.7	8.0	8.2	8.2	8.3	8.6	8.9	8.7	8.9	9.1	9.4	9.2	9.4	9.7	10.0	9.7	9.9	10.2	10.5	9.7	9.9	10.2	10.5	9.7	9.9	10.2	10.5	9.7	9.9	10.2	10.5	9.7	9.9	10.2	10.5																										
		HI PR	149	160	169	177	167	180	190	198	190	205	216	225	217	233	246	257	244	262	277	289	269	290	306	319	269	290	306	319	269	290	306	319	269	290	306	319	269	290	306	319																										
		LO PR	46	49	54	57	49	52	57	61	51	54	59	63	53	57	62	66	56	60	65	69	58	62	67	72	58	62	67	72	58	62	67	72	58	62	67	72	58	62	67	72																										
815		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	19.3	19.8	21.1	22.6	19.3	19.8	21.1	22.6	19.3	19.8	21.1	22.6																										
		S/T	0.84	0.78	0.64	0.48	0.87	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55	0.96	0.90	0.73	0.55	0.96	0.90	0.73	0.55	0.96	0.90	0.73	0.55	0.96	0.90	0.73	0.55																										
		Delta T	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	21	19	15	21	20	17	14	21	20	17	14	21	20	17	14	21	20	17	14	21	20	17	14																										
		KW	1.69	1.72	1.77	1.83	1.81	1.85	1.90	1.96	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	2.22	2.29	2.36	2.17	2.22	2.29	2.36	2.17	2.22	2.29	2.36	2.17	2.22	2.29	2.36	2.17	2.22	2.29	2.36																										
		AMPS	7.0	7.2	7.4	7.6	7.5	7.7	7.9	8.2	8.1	8.3	8.5	8.8	8.6	8.8	9.1	9.4	9.1	9.3	9.6	9.9	9.6	9.8	10.1	10.5	9.6	9.8	10.1	10.5	9.6	9.8	10.1	10.5	9.6	9.8	10.1	10.5	9.6	9.8	10.1	10.5																										
		HI PR	148	159	168	175	166	178	188	196	188	203	214	223	214	231	244	254	241	260	274	286	267	287	303	316	267	287	303	316	267	287	303	316	267	287	303	316	267	287	303	316																										
		LO PR	46	49	53	57	49	52	56	60	50	54	59	62	53	56	62	65	55	59	64	69	57	61	67	71	57	61	67	71	57	61	67	71	57	61	67	71	57	61	67	71																										
713		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	17.9	18.2	19.5	20.8	17.9	18.2	19.5	20.8	17.9	18.2	19.5	20.8																										
		S/T	0.81	0.76	0.62	0.46	0.84	0.78	0.64	0.48	0.86	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.93	0.87	0.71	0.53	0.93	0.87	0.71	0.53	0.93	0.87	0.71	0.53	0.93	0.87	0.71	0.53	0.93	0.87	0.71	0.53																										
		Delta T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14	21	20	18	14	21	20	18	14	21	20	18	14	21	20	18	14																										
		KW	1.65	1.68	1.73	1.79	1.77	1.81	1.86	1.92	1.87	1.91	1.97	2.04	1.97	2.01	2.07	2.14	2.05	2.09	2.16	2.23	2.12	2.16	2.23	2.30	2.12	2.16	2.23	2.30	2.12	2.16	2.23	2.30	2.12	2.16	2.23	2.30	2.12	2.16	2.23	2.30																										
		AMPS	6.9	7.0	7.2	7.4	7.3	7.5	7.7	8.0	7.9	8.1	8.3	8.6	8.4	8.6	8.8	9.1	8.9	9.1	9.3	9.7	9.3	9.6	9.8	10.2	9.3	9.6	9.8	10.2	9.3	9.6	9.8	10.2	9.3	9.6	9.8	10.2	9.3	9.6	9.8	10.2																										
		HI PR	143	154	163	170	161	173	182	190	183	197	208	216	208	224	236	247	234	252	266	277	259	278	294	306	259	278	294	306	259	278	294	306	259	278	294	306	259	278	294	306																										
		LO PR	45	47	52	55	47	50	55	58	49	52	57	60	51	55	60	64	54	57	63	67	56	59	65	69	56	59	65	69	56	59	65	69	56	59	65	69	56	59	65	69																										

	917	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	
		S/T	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.75	
		Delta T	23	22	21	18	23	23	21	19	23	23	21	19	23	23	23	22	19	23	22	21	18	20	21	20	17
		KW	1.71	1.75	1.80	1.86	1.84	1.88	1.93	2.00	1.95	1.99	2.05	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	7.1	7.3	7.5	7.7	7.6	7.8	8.0	8.3	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.5	9.2	9.5	9.7	10.1	9.7	10.0	10.3	10.6	
85	815	HIPR	151	162	171	178	169	182	192	200	192	207	218	228	219	235	249	259	246	265	280	292	272	293	309	322	
		LO PR	47	50	54	58	49	53	57	61	51	55	60	64	54	57	63	67	57	60	66	70	59	62	68	72	
		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	
		S/T	0.88	0.85	0.76	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.97	0.88	0.71	
		Delta T	24	23	22	19	24	24	22	19	24	24	22	19	24	24	23	20	24	24	22	19	22	22	21	18	
713	815	KW	1.70	1.73	1.79	1.84	1.82	1.86	1.92	1.98	1.93	1.98	2.04	2.10	2.03	2.08	2.14	2.21	2.11	2.16	2.23	2.30	2.19	2.23	2.31	2.38	
		AMPS	7.1	7.2	7.4	7.7	7.6	7.7	8.0	8.2	8.2	8.3	8.6	8.9	8.7	8.9	9.1	9.4	9.2	9.4	9.7	10.0	9.7	9.9	10.2	10.5	
		HIPR	149	160	169	177	167	180	190	198	190	205	216	225	217	233	246	257	244	262	277	289	269	290	306	319	
		LO PR	46	49	54	57	49	52	57	61	51	54	59	63	53	57	62	66	56	60	65	69	58	62	67	72	
		MBh	22.2	22.6	23.7	25.3	21.7	22.1	23.1	24.7	21.2	21.6	22.6	24.1	20.6	21.0	22.0	23.5	19.6	20.0	20.9	22.3	18.2	18.5	19.4	20.7	
713	815	S/T	0.85	0.82	0.74	0.60	0.88	0.85	0.76	0.62	0.90	0.87	0.78	0.63	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.97	0.94	0.84	0.69	
		Delta T	24	24	22	19	24	24	23	20	25	24	23	20	25	24	23	20	24	24	23	20	23	22	21	18	
		KW	1.66	1.69	1.75	1.80	1.78	1.82	1.87	1.93	1.89	1.93	1.99	2.05	1.98	2.03	2.09	2.16	2.06	2.11	2.17	2.25	2.13	2.18	2.25	2.32	
		AMPS	6.9	7.1	7.3	7.5	7.4	7.6	7.8	8.0	8.0	8.1	8.4	8.7	8.5	8.6	8.9	9.2	8.9	9.1	9.4	9.7	9.4	9.6	9.9	10.3	
		HIPR	145	156	164	171	162	175	184	192	184	199	210	219	210	226	239	249	236	254	269	280	261	281	297	310	
LO PR	45	48	52	56	48	51	55	59	49	53	57	61	52	55	60	64	54	58	63	67	56	60	65	70			

COOLING PERFORMANCE DATA

*PG1330***1A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1330***1A

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	1100	MBh	28.0	29.0	31.8	-	27.4	28.4	31.1	-	26.7	27.7	30.3	-	26.0	27.0	29.6	-	24.7	25.7	28.1	-	22.9	23.8	26.0	-	22.9	23.8	26.0	-	
		S/T	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.83	0.69	0.48	-	0.86	0.71	0.50	-	0.89	0.74	0.51	-	0.90	0.75	0.52	-	0.90	0.75	0.52	-	
		Delta T	18	16	12	-	18	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	
		KW	2.04	2.08	2.14	-	2.18	2.23	2.29	-	2.31	2.35	2.42	-	2.42	2.47	2.54	-	2.51	2.56	2.64	-	2.59	2.64	2.73	-	2.59	2.64	2.73	-	
		AMPS	9.1	9.2	9.5	-	9.6	9.8	10.0	-	10.2	10.4	10.7	-	10.8	11.0	11.3	-	11.3	11.6	11.9	-	11.9	12.1	12.4	-	11.9	12.1	12.4	-	
		HIPR	143	154	163	-	161	173	183	-	183	197	208	-	208	224	237	-	234	252	266	-	259	279	294	-	259	279	294	-	
		LO PR	67	71	78	-	71	75	82	-	74	78	85	-	77	82	90	-	81	86	94	-	84	89	97	-	84	89	97	-	
70	1000	MBh	27.6	28.6	31.3	-	26.9	27.9	30.6	-	26.3	27.3	29.9	-	25.7	26.6	29.1	-	24.4	25.3	27.7	-	22.6	23.4	25.6	-	22.6	23.4	25.6	-	
		S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	
		Delta T	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-	18	15	12	-	
		KW	2.03	2.07	2.13	-	2.17	2.21	2.28	-	2.30	2.34	2.41	-	2.40	2.45	2.53	-	2.50	2.55	2.63	-	2.58	2.63	2.71	-	2.58	2.63	2.71	-	
		AMPS	9.0	9.2	9.4	-	9.6	9.7	10.0	-	10.2	10.4	10.7	-	10.7	10.9	11.2	-	11.3	11.5	11.8	-	11.8	12.0	12.4	-	11.8	12.0	12.4	-	
		HIPR	142	153	162	-	160	172	182	-	182	196	207	-	207	223	235	-	233	251	265	-	257	277	292	-	257	277	292	-	
		LO PR	67	71	77	-	70	75	82	-	73	78	85	-	77	82	89	-	80	86	93	-	83	89	97	-	83	89	97	-	
900	900	MBh	27.2	28.2	30.9	-	26.5	27.5	30.1	-	25.9	26.9	29.4	-	25.3	26.2	28.7	-	24.0	24.9	27.3	-	22.2	23.1	25.3	-	22.2	23.1	25.3	-	
		S/T	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.47	-	0.83	0.69	0.48	-	0.83	0.69	0.48	-	
		Delta T	20	17	13	-	20	18	13	-	20	18	13	-	20	18	13	-	20	17	13	-	19	16	12	-	19	16	12	-	
		KW	2.01	2.05	2.10	-	2.15	2.19	2.25	-	2.27	2.31	2.38	-	2.37	2.42	2.49	-	2.46	2.51	2.59	-	2.54	2.60	2.67	-	2.54	2.60	2.67	-	
		AMPS	8.9	9.1	9.3	-	9.5	9.6	9.9	-	10.1	10.3	10.5	-	10.6	10.8	11.1	-	11.1	11.4	11.7	-	11.7	11.9	12.2	-	11.7	11.9	12.2	-	
		HIPR	140	151	159	-	157	169	178	-	179	192	203	-	203	219	231	-	229	246	260	-	253	272	287	-	253	272	287	-	
		LO PR	65	70	76	-	69	74	80	-	72	76	83	-	75	80	88	-	79	84	92	-	82	87	95	-	82	87	95	-	

75	1100	MBh	28.5	29.3	31.7	34.1	27.8	28.6	31.0	33.3	27.2	28.0	30.3	32.5	26.5	27.3	29.5	31.7	25.2	25.9	28.0	30.1	23.3	24.0	26.0	27.9	23.3	24.0	26.0	27.9
		S/T	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	1.00	0.90	0.68	0.44	1.00	0.91	0.69	0.44	1.00	0.91	0.69	0.44
		Delta T	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	19	18	15	10	19	18	15	10
		KW	2.06	2.10	2.16	2.22	2.20	2.24	2.31	2.38	2.32	2.37	2.44	2.52	2.44	2.49	2.56	2.64	2.53	2.58	2.66	2.74	2.61	2.67	2.75	2.83	2.61	2.67	2.75	2.83
		AMPS	9.1	9.3	9.5	9.8	9.7	9.9	10.1	10.4	10.3	10.5	10.8	11.1	10.9	11.1	11.4	11.7	11.4	11.6	12.0	12.3	12.0	12.2	12.5	12.9	12.0	12.2	12.5	12.9
		HIPR	145	156	165	172	163	175	185	193	185	199	210	219	211	227	239	250	237	255	269	281	262	282	297	310	262	282	297	310
		LO PR	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
75	1000	MBh	28.1	28.9	31.3	33.6	27.4	28.2	30.5	32.8	26.8	27.5	29.8	32.0	26.1	26.9	29.1	31.2	24.8	25.5	27.6	29.7	23.0	23.6	25.6	27.5	23.0	23.6	25.6	27.5
		S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.98	0.87	0.66	0.42	0.98	0.87	0.66	0.42
		Delta T	22	20	17	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	16	11	21	19	16	11
		KW	2.05	2.09	2.14	2.21	2.19	2.23	2.30	2.36	2.31	2.36	2.43	2.50	2.42	2.47	2.55	2.62	2.52	2.57	2.65	2.73	2.60	2.65	2.73	2.82	2.60	2.65	2.73	2.82
		AMPS	9.1	9.3	9.5	9.7	9.6	9.8	10.1	10.3	10.3	10.5	10.7	11.1	10.8	11.0	11.3	11.7	11.4	11.6	11.9	12.3	11.9	12.1	12.5	12.9	11.9	12.1	12.5	12.9
		HIPR	144	155	163	170	161	174	183	191	184	198	209	218	209	225	238	248	235	253	267	279	260	280	295	308	260	280	295	308
		LO PR	67	72	78	83	71	76	83	88	74	79	86	91	78	83	90	96	81	86	94	101	84	89	98	104	84	89	98	104
900	900	MBh	27.6	28.5	30.8	33.1	27.0	27.8	30.1	32.3	26.4	27.1	29.4	31.5	25.7	26.5	28.7	30.7	24.4	25.1	27.2	29.2	22.6	23.3	25.2	27.1	22.6	23.3	25.2	27.1
		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	0.41	0.94	0.84	0.64	0.41	0.94	0.84	0.64	0.41
		Delta T	23	21	17	12	23	22	18	12	23	22	18	12	24	22	18	12	23	21	18	12	22	20	16	11	22	20	16	11
		KW	2.02	2.06	2.12	2.18	2.16	2.20	2.27	2.33	2.28	2.33	2.40	2.47	2.39	2.44	2.51	2.59	2.48	2.53	2.61	2.69	2.56	2.62	2.70	2.78	2.56	2.62	2.70	2.78
		AMPS	9.0	9.1	9.4	9.6	9.5	9.7	9.9	10.2	10.1	10.3	10.6	10.9	10.7	10.9	11.2	11.5	11.2	11.4	11.7	12.1	11.8	12.0	12.3	12.7	11.8	12.0	12.3	12.7
		HIPR	141	152	161	168	159	171	180	188	180	194	205	214	206	221	234	244	231	249	263	274	255	275	290	303	255	275	290	303
		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	83	88	96	102

* 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

*PG1330***1A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1330***1A

		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	1100	MBh	29.0	29.6	31.6	33.8	28.3	28.9	30.9	33.0	27.6	28.2	30.2	32.3	27.0	27.6	29.4	31.5	25.6	26.2	28.0	29.9	23.7	24.2	25.9	27.7
		S/F	0.97	0.91	0.74	0.56	1.00	0.95	0.77	0.58	1.00	0.97	0.79	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.85	0.63	1.00	1.00	0.85	0.64
		Delta T	24	23	20	16	24	23	20	16	23	23	20	16	23	23	20	16	21	22	20	16	20	20	18	15
		KW	2.07	2.11	2.17	2.24	2.22	2.26	2.33	2.39	2.34	2.39	2.46	2.54	2.45	2.50	2.58	2.66	2.55	2.60	2.68	2.77	2.63	2.69	2.77	2.86
		AMPS	9.2	9.4	9.6	9.9	9.8	9.9	10.2	10.5	10.4	10.6	10.9	11.2	11.0	11.2	11.5	11.8	11.5	11.7	12.1	12.4	12.1	12.3	12.6	13.0
		HIPR	146	157	166	173	164	177	187	195	187	201	212	221	213	229	242	252	239	257	272	284	264	284	300	313
	1000	LO PR	68	73	79	85	72	77	84	89	75	80	87	93	79	84	92	98	83	88	96	102	86	91	99	106
		MBh	28.6	29.2	31.2	33.3	27.9	28.5	30.5	32.6	27.2	27.8	29.7	31.8	26.6	27.1	29.0	31.0	25.2	25.8	27.6	29.5	23.4	23.9	25.5	27.3
		S/F	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	0.99	0.81	0.61	1.00	1.00	0.82	0.61
		Delta T	24	23	20	16	25	24	21	16	25	24	21	16	24	24	21	17	23	24	21	16	21	22	19	15
900	1100	KW	2.06	2.10	2.16	2.22	2.20	2.25	2.31	2.38	2.33	2.38	2.45	2.52	2.44	2.49	2.57	2.65	2.54	2.59	2.67	2.75	2.62	2.67	2.75	2.84
		AMPS	9.2	9.3	9.5	9.8	9.7	9.9	10.1	10.4	10.3	10.5	10.8	11.1	10.9	11.1	11.4	11.7	11.4	11.7	12.0	12.4	12.0	12.2	12.6	13.0
		HIPR	145	156	165	172	163	175	185	193	185	200	211	220	211	227	240	250	238	256	270	282	263	283	298	311
		LO PR	68	72	79	84	72	76	83	89	75	79	87	92	78	83	91	97	82	87	95	102	85	90	99	105
	1000	MBh	28.1	28.7	30.7	32.8	27.5	28.1	30.0	32.1	26.8	27.4	29.3	31.3	26.2	26.7	28.6	30.5	24.9	25.4	27.1	29.0	23.0	23.5	25.1	26.9
		S/F	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.95	0.90	0.73	0.54	0.99	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.97	0.79	0.59
		Delta T	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	18	25	25	22	17	24	23	20	16
		KW	2.04	2.08	2.13	2.20	2.18	2.22	2.28	2.35	2.30	2.35	2.42	2.49	2.41	2.46	2.53	2.61	2.50	2.55	2.63	2.71	2.58	2.64	2.72	2.80
	900	AMPS	9.0	9.2	9.4	9.7	9.6	9.8	10.0	10.3	10.2	10.4	10.7	11.0	10.8	11.0	11.3	11.6	11.3	11.5	11.8	12.2	11.8	12.1	12.4	12.8
		HIPR	143	154	162	169	160	172	182	190	182	196	207	216	208	223	236	246	234	251	2.65	2.77	258	278	293	306
LO PR		67	71	78	83	71	75	82	87	73	78	85	91	77	82	89	95	81	86	94	100	83	89	97	103	

		85																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		1100										1000										900																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		MBh	29.5	30.1	31.5	33.6	28.8	29.4	30.8	32.8	28.1	28.7	30.0	32.0	27.4	28.0	29.3	31.2	26.1	26.6	27.8	29.7	24.1	24.6	25.8	27.5	S/F	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.94	0.77	1.00	1.00	0.97	0.79	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	22	20	20	21	22	23	20	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22	19	20	21	22

COOLING PERFORMANCE DATA

*PG1336***1A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1336***1A

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		
70	1300	MBh	34.0	35.3	38.6	-	33.2	34.4	37.7	-	32.4	33.6	36.8	-	31.6	32.8	35.9	-	30.1	31.2	34.1	-	27.8	28.9	31.6	-	27.8	28.9	31.6	-	27.8
		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
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	17
		KW	2.50	2.55	2.62	-	2.67	2.72	2.80	-	2.82	2.87	2.95	-	2.95	3.00	3.09	-	3.06	3.12	3.21	-	3.15	3.22	3.31	-	3.15	3.22	3.31	-	3.15
		AMPS	10.2	10.4	10.7	-	10.8	11.1	11.3	-	11.6	11.8	12.1	-	12.2	12.5	12.8	-	12.9	13.1	13.5	-	13.5	13.8	14.2	-	13.5	13.8	14.2	-	13.5
	1200	HIPR	142	152	161	-	159	171	181	-	181	195	205	-	206	222	234	-	232	249	263	-	256	275	291	-	256	275	291	-	256
		LO PR	65	69	75	-	68	73	79	-	71	75	82	-	74	79	86	-	78	83	91	-	81	86	94	-	81	86	94	-	81
		MBh	33.7	34.9	38.2	-	32.9	34.1	37.4	-	32.1	33.3	36.5	-	31.3	32.5	35.6	-	29.8	30.8	33.8	-	27.6	28.6	31.3	-	27.6	28.6	31.3	-	27.6
		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	-	0.85	0.71	0.49	-	0.85
		Delta T	19	16	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-	18	15	12	-	18
1100	KW	2.50	2.54	2.61	-	2.66	2.71	2.79	-	2.81	2.86	2.95	-	2.94	3.00	3.09	-	3.05	3.11	3.20	-	3.15	3.21	3.31	-	3.15	3.21	3.31	-	3.15	
	AMPS	10.2	10.4	10.6	-	10.8	11.0	11.3	-	11.6	11.8	12.1	-	12.2	12.5	12.8	-	12.9	13.1	13.5	-	13.5	13.8	14.2	-	13.5	13.8	14.2	-	13.5	
	HIPR	141	152	160	-	158	171	180	-	180	194	205	-	205	221	233	-	231	248	262	-	255	275	290	-	255	275	290	-	255	
	LO PR	64	68	75	-	68	72	79	-	71	75	82	-	74	79	86	-	78	83	90	-	80	86	93	-	80	86	93	-	80	
	MBh	33.2	34.4	37.7	-	32.4	33.6	36.8	-	31.6	32.8	35.9	-	30.9	32.0	35.0	-	29.3	30.4	33.3	-	27.2	28.1	30.8	-	27.2	28.1	30.8	-	27.2	

75	1300	MBh	34.6	35.6	38.6	41.4	33.8	34.8	37.7	40.4	33.0	34.0	36.8	39.5	32.2	33.1	35.9	38.5	30.6	31.5	34.1	36.6	28.3	29.2	31.6	33.9
		S/T	0.86	0.76	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.66	0.43
		Delta T	21	19	16	11	21	19	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
		KW	2.52	2.56	2.64	2.71	2.69	2.74	2.82	2.90	2.84	2.89	2.98	3.06	2.97	3.03	3.12	3.21	3.08	3.14	3.24	3.33	3.18	3.24	3.34	3.44
		AMPS	10.3	10.5	10.7	11.1	10.9	11.1	11.4	11.8	11.7	11.9	12.2	12.6	12.3	12.6	12.9	13.3	13.0	13.3	13.6	14.1	13.6	13.9	14.3	14.8
	1200	HIPR	143	154	163	170	161	173	182	190	183	196	207	216	208	224	236	246	234	252	266	277	259	278	294	306
		LO PR	65	69	76	81	69	73	80	85	72	76	83	89	75	80	87	93	79	84	92	98	82	87	95	101
		MBh	34.2	35.3	38.2	41.0	33.5	34.4	37.3	40.0	32.7	33.6	36.4	39.1	31.9	32.8	35.5	38.1	30.3	31.2	33.7	36.2	28.0	28.9	31.2	33.5
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
		Delta T	22	20	17	11	22	21	17	12	22	21	17	12	22	21	17	12	22	20	17	12	21	19	16	11
75	1200	KW	2.51	2.56	2.63	2.70	2.68	2.73	2.81	2.89	2.83	2.89	2.97	3.06	2.96	3.02	3.11	3.20	3.07	3.14	3.23	3.33	3.17	3.23	3.33	3.43
		AMPS	10.2	10.4	10.7	11.0	10.9	11.1	11.4	11.7	11.7	11.9	12.2	12.6	12.3	12.6	12.9	13.3	13.0	13.2	13.6	14.0	13.6	13.9	14.3	14.7
		HIPR	143	154	162	169	160	172	182	190	182	196	207	216	207	223	236	246	233	251	265	276	258	277	293	305
		LO PR	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	33.7	34.7	37.6	40.4	33.0	33.9	36.7	39.4	32.2	33.1	35.8	38.5	31.4	32.3	35.0	37.5	29.8	30.7	33.2	35.7	27.6	28.4	30.8	33.0
	1100	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
		Delta T	23	21	17	12	23	21	17	12	23	21	17	12	23	21	18	12	23	21	17	12	21	20	16	11
		KW	2.48	2.53	2.60	2.67	2.65	2.70	2.78	2.86	2.80	2.85	2.93	3.02	2.92	2.98	3.07	3.16	3.03	3.10	3.19	3.28	3.13	3.19	3.29	3.39
		AMPS	10.1	10.3	10.6	10.9	10.8	11.0	11.3	11.6	11.5	11.7	12.1	12.4	12.1	12.4	12.7	13.1	12.8	13.0	13.4	13.8	13.4	13.7	14.1	14.5
		HIPR	140	151	159	166	157	169	179	186	179	193	203	212	204	219	232	242	229	247	261	272	253	273	288	300
		LO PR	64	68	74	79	68	72	78	84	70	75	82	87	74	78	86	91	77	82	90	96	80	85	93	99

* 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

*PG1336***1A*

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1336***1A

		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
	1300	MBh	35.2	36.0	38.4	41.1	34.4	35.1	37.5	40.1	33.6	34.3	36.6	39.2	32.8	33.5	35.8	38.2	31.1	31.8	34.0	36.3	28.8	29.4	31.5	33.6	28.8	29.4	31.5	33.6	33.6
		S/T	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.96	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	0.61	0.61
		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	15
		KW	2.54	2.58	2.65	2.73	2.71	2.76	2.84	2.92	2.86	2.91	3.00	3.09	2.99	3.05	3.14	3.23	3.10	3.17	3.26	3.36	3.20	3.27	3.37	3.47	3.20	3.27	3.37	3.47	3.47
		AMPS	10.3	10.5	10.8	11.1	11.0	11.2	11.5	11.9	11.8	12.0	12.3	12.7	12.4	12.7	13.0	13.4	13.1	13.4	13.7	14.2	13.7	14.0	14.4	14.9	13.7	14.0	14.4	14.9	14.9
		HIPR	145	156	164	171	162	175	184	192	184	198	210	219	210	226	239	249	236	254	269	280	261	281	297	309	261	281	297	309	309
		LO PR	66	70	77	81	70	74	81	86	72	77	84	89	76	81	88	94	80	85	93	99	82	88	96	102	82	88	96	102	102
80	1200	MBh	34.9	35.6	38.1	40.7	34.0	34.8	37.2	39.7	33.2	34.0	36.3	38.8	32.4	33.1	35.4	37.8	30.8	31.5	33.6	36.0	28.5	29.2	31.2	33.3	28.5	29.2	31.2	33.3	33.3
		S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	0.99	0.81	0.60	1.00	0.99	0.81	0.60	0.60
		Delta T	25	24	20	16	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	16	22	22	19	15	22	22	19	15	15
		KW	2.53	2.58	2.65	2.72	2.70	2.75	2.83	2.91	2.85	2.91	2.99	3.08	2.98	3.04	3.13	3.23	3.10	3.16	3.25	3.35	3.19	3.26	3.36	3.46	3.19	3.26	3.36	3.46	3.46
		AMPS	10.3	10.5	10.8	11.1	11.0	11.2	11.5	11.8	11.7	12.0	12.3	12.7	12.4	12.7	13.0	13.4	13.1	13.3	13.7	14.1	13.7	14.0	14.4	14.9	13.7	14.0	14.4	14.9	14.9
		HIPR	144	155	164	171	162	174	184	192	184	198	209	218	209	225	238	248	236	254	268	279	260	280	296	309	260	280	296	309	309
		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	82	87	95	102	102
	1100	MBh	34.3	35.1	37.5	40.1	33.5	34.3	36.6	39.1	32.7	33.5	35.7	38.2	31.9	32.6	34.9	37.3	30.3	31.0	33.1	35.4	28.1	28.7	30.7	32.8	28.1	28.7	30.7	32.8	32.8
		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	0.56	1.01	0.95	0.77	0.58	1.00	0.95	0.78	0.58	1.00	0.95	0.78	0.58	0.58
		Delta T	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	26	25	21	17	23	23	20	16	23	23	20	16	16
		KW	2.50	2.55	2.62	2.69	2.67	2.72	2.80	2.88	2.82	2.87	2.95	3.04	2.95	3.00	3.09	3.19	3.06	3.12	3.21	3.31	3.15	3.22	3.31	3.41	3.15	3.22	3.31	3.41	3.41
		AMPS	10.2	10.4	10.7	11.0	10.8	11.1	11.3	11.7	11.6	11.8	12.1	12.5	12.2	12.5	12.8	13.2	12.9	13.1	13.5	13.9	13.5	13.8	14.2	14.7	13.5	13.8	14.2	14.7	14.7
		HIPR	142	152	161	168	159	171	181	188	181	195	205	214	206	222	234	244	232	249	263	275	256	275	291	303	256	275	291	303	303
		LO PR	65	69	75	80	68	73	79	84	71	75	82	88	74	79	87	92	78	83	91	97	81	86	94	100	81	86	94	100	100

85	1300	MBh	35.8	36.5	38.2	40.8	35.0	35.7	37.4	39.9	34.2	34.8	36.5	38.9	33.3	34.0	35.6	38.0	31.7	32.3	33.8	36.1	29.3	29.9	31.3	33.4	29.3	29.9	31.3	33.4	33.4
		S/T	0.98	0.95	0.86	0.69	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	0.97	0.79	1.00	1.00	0.98	0.80	1.00	1.00	0.98	0.80	0.80
		Delta T	25	24	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	19
		KW	2.55	2.60	2.67	2.75	2.73	2.78	2.86	2.94	2.88	2.93	3.02	3.11	3.01	3.07	3.16	3.26	3.13	3.19	3.29	3.39	3.23	3.29	3.39	3.50	3.23	3.29	3.39	3.50	3.50
		AMPS	10.4	10.6	10.9	11.2	11.1	11.3	11.6	12.0	11.9	12.1	12.4	12.8	12.5	12.8	13.1	13.5	13.2	13.4	13.8	14.3	13.8	14.1	14.5	15.0	13.8	14.1	14.5	15.0	15.0
		HIPR	146	157	166	173	164	176	186	194	186	200	212	221	212	228	241	251	239	257	271	283	264	284	300	313	264	284	300	313	313
		LO PR	67	71	77	82	70	75	82	87	73	78	85	90	77	82	89	95	80	86	93	99	83	89	97	103	83	89	97	103	103
85	1200	MBh	35.5	36.2	37.9	40.4	34.6	35.3	37.0	39.5	33.8	34.5	36.1	38.5	33.0	33.6	35.2	37.6	31.3	31.9	33.5	35.7	29.0	29.6	31.0	33.1	29.0	29.6	31.0	33.1	33.1
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78	0.78
		Delta T	26	26	24	21	27	26	25	21	26	26	25	21	25	26	25	22	24	24	25	21	22	23	20	22	22	23	20	20	20
		KW	2.55	2.60	2.67	2.74	2.72	2.77	2.85	2.93	2.87	2.93	3.01	3.10	3.01	3.07	3.16	3.25	3.12	3.18	3.28	3.38	3.22	3.28	3.38	3.49	3.22	3.28	3.38	3.49	3.49
		AMPS	10.4	10.6	10.9	11.2	11.1	11.3	11.6	11.9	11.8	12.1	12.4	12.8	12.5	12.7	13.1	13.5	13.2	13.4	13.8	14.3	13.8	14.1	14.5	15.0	13.8	14.1	14.5	15.0	15.0
		HIPR	146	157	165	172	163	176	186	194	186	200	211	220	212	228	240	251	238	256	270	282	263	283	299	312	263	283	299	312	312
		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	83	88	96	103	103
85	1100	MBh	34.9	35.6	37.3	39.8	34.1	34.8	36.4	38.9	33.3	34.0	35.6	37.9	32.5	33.1	34.7	37.0	30.9	31.5	33.0	35.2	28.6	29.2	30.5	32.6	28.6	29.2	30.5	32.6	32.6
		S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75	1.00	1.00	0.93	0.75	0.75
		Delta T	27	27	25	22	27	27	26	22	28	27	26	22	27	27	26	22	26	26	25	22	24	24	24	21	24	24	24	24	21
		KW	2.52	2.56	2.64	2.71	2.69	2.74	2.82	2.90	2.84	2.89	2.98	3.06	2.97	3.03	3.12	3.21	3.08	3.14	3.24	3.33	3.18	3.24	3.34	3.44	3.18	3.24	3.34	3.44	3.44
		AMPS	10.3	10.5	10.7	11.1	10.9	11.1	11.4	11.8	11.7	11.9	12.2	12.6	12.3	12.6	12.9	13.3	13.0	13.3	13.6	14.1	13.6	13.9	14.3	14.8	13.6	13.9	14.3	14.8	14.8
		HIPR	143	154	163	170	161	173	182	190	183	196	207	216	208	224	236	246	234	252	266	277	258	278	294	306	258	278	294	306	306
		LO PR	65	69	76	81	69	73	80	85	72	76	83	89	75	80	87	93	79	84	92	98	82	87	95	101	82	87	95	101	101

COOLING OPERATION

MODEL: *PG1342*1A**

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		
70	1450	MBh	40.0	41.4	45.4	-	39.0	40.5	44.3	-	38.1	39.5	43.3	-	37.2	38.5	42.2	-	35.3	36.6	40.1	-	32.7	33.9	37.2	-	
		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	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-	
		KW	2.85	2.91	3.00	-	3.07	3.14	3.24	-	3.26	3.34	3.44	-	3.44	3.51	3.63	-	3.58	3.66	3.78	-	3.71	3.79	3.92	-	
		AMPS	12.8	13.1	13.5	-	13.7	14.0	14.4	-	14.7	15.0	15.4	-	15.6	15.9	16.4	-	16.4	16.8	17.3	-	17.3	17.7	18.2	-	
		HIPR	157	169	179	-	176	190	200	-	200	216	228	-	228	246	259	-	257	276	292	-	284	305	323	-	
70	1350	LO PR	67	71	78	-	71	75	82	-	73	78	85	-	77	82	89	-	81	86	94	-	83	89	97	-	
		MBh	39.6	41.0	44.9	-	38.7	40.1	43.9	-	37.7	39.1	42.9	-	36.8	38.2	41.8	-	35.0	36.3	39.7	-	32.4	33.6	36.8	-	
		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	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-	
		KW	2.84	2.90	3.00	-	3.06	3.13	3.23	-	3.26	3.33	3.44	-	3.43	3.50	3.62	-	3.57	3.65	3.77	-	3.70	3.78	3.91	-	
		AMPS	12.8	13.1	13.4	-	13.7	14.0	14.3	-	14.7	15.0	15.4	-	15.5	15.9	16.3	-	16.4	16.8	17.3	-	17.3	17.6	18.2	-	
70	1250	HIPR	157	169	178	-	176	189	200	-	200	215	227	-	228	245	259	-	256	276	291	-	283	305	322	-	
		LO PR	67	71	77	-	70	75	82	-	73	78	85	-	77	82	89	-	80	86	93	-	83	89	97	-	
		MBh	39.0	40.4	44.3	-	38.1	39.5	43.2	-	37.2	38.5	42.2	-	36.3	37.6	41.2	-	34.5	35.7	39.1	-	31.9	33.1	36.2	-	
		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	20	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	13	-	19	17	13	-	
		KW	2.80	2.86	2.95	-	3.02	3.09	3.18	-	3.21	3.28	3.39	-	3.38	3.45	3.57	-	3.52	3.60	3.72	-	3.64	3.73	3.85	-	
70	1250	AMPS	12.7	12.9	13.3	-	13.5	13.8	14.2	-	14.5	14.8	15.2	-	15.3	15.7	16.1	-	16.2	16.5	17.0	-	17.0	17.4	17.9	-	
		HIPR	154	166	175	-	173	186	196	-	196	211	223	-	224	241	254	-	252	271	286	-	278	299	316	-	
		LO PR	65	70	76	-	69	74	80	-	72	76	83	-	75	80	88	-	79	84	92	-	82	87	95	-	

1450	MBh	40.7	41.9	45.3	48.6	39.7	40.9	44.2	47.5	38.8	39.9	43.2	46.4	37.8	38.9	42.1	45.2	35.9	37.0	40.0	43.0	33.3	34.3	37.1	39.8
	S/T	0.86	0.76	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.66	0.43
	Delta T	22	20	17	11	22	21	17	12	22	21	17	12	22	21	17	12	22	20	17	12	21	19	16	11
	KW	2.87	2.93	3.03	3.13	3.10	3.16	3.26	3.37	3.29	3.36	3.47	3.59	3.47	3.54	3.66	3.78	3.61	3.69	3.82	3.95	3.74	3.82	3.95	4.09
	AMPS	12.9	13.2	13.6	14.0	13.8	14.1	14.5	15.0	14.8	15.1	15.6	16.1	15.7	16.0	16.5	17.1	16.6	16.9	17.4	18.0	17.4	17.8	18.4	19.0
	HIPR	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	67	72	78	83	71	76	83	88	74	79	86	92	78	83	90	96	82	87	95	101	84	90	98	104
1350	MBh	40.2	41.4	44.9	48.1	39.3	40.5	43.8	47.0	38.4	39.5	42.8	45.9	37.4	38.5	41.7	44.8	35.6	36.6	39.6	42.5	32.9	33.9	36.7	39.4
	S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
	Delta T	23	21	17	12	23	21	18	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11
	KW	2.87	2.93	3.02	3.12	3.09	3.15	3.26	3.36	3.28	3.36	3.47	3.58	3.46	3.53	3.65	3.77	3.60	3.68	3.81	3.94	3.73	3.81	3.94	4.08
	AMPS	12.9	13.2	13.5	14.0	13.8	14.1	14.5	14.9	14.8	15.1	15.5	16.0	15.7	16.0	16.5	17.0	16.5	16.9	17.4	18.0	17.4	17.8	18.3	18.9
	HIPR	158	170	180	188	178	191	202	210	202	217	229	239	230	248	261	273	259	278	294	307	286	308	325	339
	LO PR	67	72	78	83	71	76	83	88	74	79	86	91	78	83	90	96	81	86	94	101	84	89	98	104
1250	MBh	39.6	40.8	44.2	47.4	38.7	39.9	43.2	46.3	37.8	38.9	42.1	45.2	36.9	38.0	41.1	44.1	35.0	36.1	39.0	41.9	32.5	33.4	36.2	38.8
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
	Delta T	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	13	24	22	18	12	22	20	17	12
	KW	2.83	2.89	2.98	3.07	3.05	3.11	3.21	3.32	3.24	3.31	3.42	3.53	3.41	3.48	3.60	3.72	3.55	3.63	3.75	3.88	3.68	3.76	3.88	4.02
	AMPS	12.7	13.0	13.4	13.8	13.6	13.9	14.3	14.7	14.6	14.9	15.3	15.8	15.5	15.8	16.2	16.8	16.3	16.7	17.2	17.7	17.2	17.5	18.1	18.7
	HIPR	156	167	177	184	175	188	198	207	199	214	226	235	226	243	257	268	254	274	289	301	281	302	319	333
	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

* Entering Indoor Dry Bulb Temperature

* 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

PG13421A***

COOLING OPERATION

MODEL: *PG1342*1A**

IDB*			Outdoor Ambient Temperature																																			
			65						75						85						95						105						115					
			Entering Indoor Wet Bulb Temperature																																			
Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71										
80	1450	MBh	41.4	42.3	45.2	48.3	40.4	41.3	44.1	47.2	39.4	40.3	43.1	46.0	38.5	39.3	42.0	44.9	36.6	37.4	39.9	42.7	33.9	34.6	37.0	39.5	33.9	34.6	37.0	39.5								
		S/T	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.96	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	0.61								
		Delta T	25	24	21	16	25	24	21	17	25	24	21	17	24	24	21	17	23	24	21	16	21	22	19	15	21	22	19	15								
		KW	2.90	2.96	3.05	3.15	3.12	3.19	3.29	3.40	3.32	3.39	3.50	3.62	3.49	3.57	3.69	3.81	3.64	3.72	3.85	3.98	3.77	3.86	3.99	4.12	3.77	3.86	3.99	4.12								
		AMPS	13.0	13.3	13.7	14.1	13.9	14.2	14.6	15.1	14.9	15.3	15.7	16.2	15.8	16.2	16.6	17.2	16.7	17.1	17.6	18.2	17.6	18.0	18.5	19.1	17.6	18.0	18.5	19.1								
	HIPR	160	173	182	190	180	194	204	213	205	220	232	242	233	251	265	276	262	282	298	311	290	312	329	343	290	312	329	343									
	LO PR	68	72	79	84	72	77	84	89	75	80	87	93	79	84	91	97	82	88	96	102	85	91	99	105	85	91	99	105									
	1350	MBh	41.0	41.9	44.7	47.8	40.0	40.9	43.7	46.7	39.1	39.9	42.6	45.6	38.1	38.9	41.6	44.5	36.2	37.0	39.5	42.2	33.5	34.3	36.6	39.1	33.5	34.3	36.6	39.1								
		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	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	25	25	22	17	23	23	20	16	23	23	20	16								
KW		2.89	2.95	3.04	3.14	3.11	3.18	3.28	3.39	3.31	3.38	3.49	3.61	3.49	3.56	3.68	3.81	3.63	3.72	3.84	3.97	3.76	3.85	3.98	4.11	3.76	3.85	3.98	4.11									
AMPS		13.0	13.3	13.6	14.1	13.9	14.2	14.6	15.0	14.9	15.2	15.7	16.2	15.8	16.1	16.6	17.1	16.7	17.0	17.5	18.1	17.5	17.9	18.5	19.1	17.5	17.9	18.5	19.1									
1250	HIPR	160	172	182	189	179	193	204	213	204	220	232	242	232	250	264	275	261	281	297	310	289	311	328	342	289	311	328	342									
	LO PR	68	72	79	84	72	76	83	89	75	79	87	92	78	83	91	97	82	87	95	102	85	90	99	105	85	90	99	105									
	MBh	40.3	41.2	44.0	47.1	39.4	40.3	43.0	46.0	38.5	39.3	42.0	44.9	37.5	38.4	41.0	43.8	35.7	36.4	38.9	41.6	33.0	33.8	36.1	38.5	33.0	33.8	36.1	38.5									
	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	0.56	1.01	0.95	0.77	0.58	1.00	0.95	0.78	0.58	1.00	0.95	0.78	0.58									
	Delta T	26	25	22	18	27	26	22	18	27	26	22	18	27	26	22	18	26	25	22	18	24	24	21	16	24	24	21	16									

1450	MBh	42.1	42.9	44.9	47.9	41.1	41.9	43.9	46.8	40.1	40.9	42.9	45.7	39.2	39.9	41.8	44.6	37.2	37.9	39.7	42.4	34.5	35.1	36.8	39.2
	S/T	0.98	0.95	0.86	0.69	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	0.97	0.79	1.00	1.00	0.98	0.80
	Delta T	26	26	24	21	26	26	25	21	25	26	25	21	25	25	25	22	24	24	25	21	22	22	23	20
	KW	2.92	2.98	3.08	3.18	3.15	3.21	3.32	3.43	3.35	3.42	3.53	3.65	3.52	3.60	3.72	3.85	3.67	3.76	3.88	4.01	3.80	3.89	4.02	4.16
	HIPR	13.1	13.4	13.8	14.2	14.0	14.3	14.7	15.2	15.1	15.4	15.8	16.3	16.0	16.3	16.8	17.3	16.9	17.2	17.7	18.3	17.7	18.1	18.7	19.3
1350	HIPR	162	174	184	192	182	196	206	215	207	222	235	245	235	253	267	279	265	285	301	314	293	315	332	347
	LO PR	69	73	80	85	73	77	84	90	76	80	88	93	79	84	92	98	83	88	97	103	86	92	100	106
	MBh	41.7	42.5	44.5	47.5	40.7	41.5	43.5	46.4	39.7	40.5	42.4	45.3	38.8	39.5	41.4	44.2	36.8	37.5	39.3	42.0	34.1	34.8	36.4	38.9
	S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
	Delta T	27	27	25	22	28	27	26	22	27	27	26	22	26	27	26	22	22	25	26	26	22	23	24	24
1250	KW	2.91	2.97	3.07	3.17	3.14	3.21	3.31	3.42	3.34	3.41	3.52	3.64	3.51	3.59	3.71	3.84	3.66	3.75	3.87	4.00	3.79	3.88	4.01	4.15
	AMPS	13.1	13.4	13.7	14.2	14.0	14.3	14.7	15.2	15.0	15.3	15.8	16.3	15.9	16.3	16.7	17.3	16.8	17.2	17.7	18.3	17.7	18.1	18.6	19.2
	HIPR	161	174	183	191	181	195	206	215	206	222	234	244	235	253	267	278	264	284	300	313	292	314	331	346
	LO PR	69	73	80	85	72	77	84	90	75	80	87	93	79	84	92	98	83	88	96	103	86	91	100	106
	MBh	41.1	41.8	43.8	46.8	40.1	40.9	42.8	45.7	39.1	39.9	41.8	44.6	38.2	38.9	40.8	43.5	36.3	37.0	38.7	41.3	33.6	34.3	35.9	38.3
1250	S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
	Delta T	28	28	26	23	28	28	26	23	28	28	26	23	28	28	27	23	27	27	26	23	25	25	25	21
	KW	2.87	2.93	3.03	3.12	3.09	3.16	3.26	3.37	3.29	3.36	3.47	3.59	3.46	3.54	3.66	3.78	3.61	3.69	3.82	3.95	3.74	3.82	3.95	4.09
	AMPS	12.9	13.2	13.6	14.0	13.8	14.1	14.5	15.0	14.8	15.1	15.6	16.1	15.7	16.0	16.5	17.0	16.6	16.9	17.4	18.0	17.4	17.8	18.4	19.0
	HIPR	159	171	180	188	178	192	202	211	203	218	230	240	231	248	262	273	259	279	295	308	287	309	326	340
LO PR	67	72	78	83	71	76	83	88	74	79	86	92	78	83	90	96	82	87	95	101	84	90	98	104	

* Entering Indoor Dry Bulb Temperature

* Entering Indoor Dry Bulb Temperature

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

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1348***1A

		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	1610	MBh	45.4	47.0	51.5	-	44.3	45.9	50.3	-	43.2	44.8	49.1	-	42.2	43.7	47.9	-	40.1	41.5	45.5	-	37.1	38.5	42.2	-
		S/T	0.76	0.63	0.44	-	0.78	0.66	0.45	-	0.80	0.67	0.47	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-
		Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
		KW	3.32	3.39	3.48	-	3.55	3.62	3.72	-	3.75	3.82	3.93	-	3.93	4.00	4.12	-	4.07	4.16	4.28	-	4.20	4.29	4.42	-
		AMPS	14.3	14.6	15.0	-	15.2	15.5	16.0	-	16.3	16.7	17.1	-	17.3	17.6	18.1	-	18.2	18.6	19.2	-	19.2	19.6	20.2	-
		HIPR	145	156	165	-	163	175	185	-	185	199	211	-	211	227	240	-	237	256	270	-	262	282	298	-
		LOPR	66	70	77	-	70	74	81	-	73	77	84	-	76	81	88	-	80	85	93	-	83	88	96	-
70	1510	MBh	44.9	46.5	51.0	-	43.9	45.5	49.8	-	42.8	44.4	48.6	-	41.8	43.3	47.4	-	39.7	41.1	45.1	-	36.8	38.1	41.7	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-
		Delta T	20	18	13	-	21	18	13	-	21	18	14	-	21	18	14	-	20	18	13	-	19	17	13	-
		KW	3.32	3.38	3.47	-	3.54	3.61	3.71	-	3.74	3.81	3.93	-	3.92	3.99	4.11	-	4.07	4.15	4.27	-	4.19	4.28	4.41	-
		AMPS	14.2	14.5	14.9	-	15.2	15.5	15.9	-	16.3	16.6	17.1	-	17.2	17.6	18.1	-	18.2	18.6	19.1	-	19.1	19.5	20.1	-
		HIPR	145	156	165	-	162	175	185	-	185	199	210	-	210	226	239	-	237	255	269	-	262	281	297	-
		LOPR	66	70	76	-	70	74	81	-	72	77	84	-	76	81	88	-	80	85	92	-	82	88	96	-
70	1410	MBh	44.2	45.8	50.2	-	43.2	44.8	49.1	-	42.2	43.7	47.9	-	41.1	42.6	46.7	-	39.1	40.5	44.4	-	36.2	37.5	41.1	-
		S/T	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.45	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
		Delta T	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-
		KW	3.28	3.34	3.43	-	3.50	3.57	3.67	-	3.69	3.77	3.88	-	3.87	3.94	4.06	-	4.01	4.09	4.22	-	4.14	4.22	4.35	-
		AMPS	14.1	14.3	14.7	-	15.0	15.3	15.7	-	16.1	16.4	16.9	-	17.0	17.4	17.9	-	17.9	18.3	18.9	-	18.9	19.3	19.8	-
		HIPR	142	153	162	-	160	172	181	-	182	195	206	-	207	223	235	-	233	250	264	-	257	277	292	-
		LOPR	65	69	75	-	68	73	79	-	71	76	83	-	75	79	87	-	78	83	91	-	81	86	94	-

75	1610	MBh	46.1	47.5	51.4	55.2	45.1	46.4	50.2	53.9	44.0	45.3	49.0	52.6	42.9	44.2	47.8	51.3	40.8	42.0	45.4	48.8	37.8	38.9	42.1	45.2	37.8	38.9	42.1	45.2	37.8
		S/T	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.91	0.82	0.62	0.40	0.94	0.84	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.88	0.67	0.43	0.99	0.88	0.67	0.43	0.99
		Delta T	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11	21	20	16	11	21
		KW	3.35	3.41	3.51	3.61	3.58	3.64	3.75	3.86	3.78	3.85	3.96	4.08	3.96	4.03	4.15	4.28	4.11	4.19	4.32	4.45	4.24	4.32	4.46	4.59	4.24	4.32	4.46	4.59	4.24
		AMPS	14.4	14.7	15.1	15.5	15.3	15.7	16.1	16.6	16.5	16.8	17.3	17.8	17.4	17.8	18.3	18.9	18.4	18.8	19.3	20.0	19.3	19.7	20.3	21.0	19.3	19.7	20.3	21.0	19.3
		HIPR	147	158	167	174	165	177	187	195	187	201	213	222	213	229	242	253	240	258	273	284	265	285	301	314	265	285	301	314	265
		LOPR	67	71	77	83	70	75	82	87	73	78	85	91	77	82	89	95	81	86	94	100	83	89	97	103	83	89	97	103	83
75	1510	MBh	45.7	47.0	50.9	54.6	44.6	45.9	49.7	53.4	43.5	44.8	48.5	52.1	42.5	43.7	47.3	50.8	40.4	41.6	45.0	48.3	37.4	38.5	41.7	44.7	37.4	38.5	41.7	44.7	37.4
		S/T	0.84	0.75	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	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42	0.97	0.87	0.66	0.42	0.97
		Delta T	23	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	11	22	20	17	11	22
		KW	3.34	3.40	3.50	3.60	3.57	3.64	3.74	3.85	3.77	3.84	3.96	4.07	3.95	4.03	4.15	4.27	4.10	4.18	4.31	4.44	4.23	4.31	4.45	4.58	4.23	4.31	4.45	4.58	4.23
		AMPS	14.4	14.6	15.0	15.5	15.3	15.6	16.1	16.6	16.4	16.8	17.2	17.8	17.4	17.7	18.3	18.8	18.3	18.7	19.3	19.9	19.3	19.7	20.3	21.0	19.3	19.7	20.3	21.0	19.3
		HIPR	146	157	166	173	164	177	186	195	187	201	212	221	213	229	242	252	239	257	272	283	264	284	300	313	264	284	300	313	264
		LOPR	67	71	77	82	70	75	82	87	73	78	85	90	77	82	89	95	80	86	93	99	83	88	97	103	83	88	97	103	83
75	1410	MBh	45.0	46.3	50.1	53.8	43.9	45.2	49.0	52.6	42.9	44.2	47.8	51.3	41.8	43.1	46.6	50.0	39.8	40.9	44.3	47.5	36.8	37.9	41.0	44.0	36.8	37.9	41.0	44.0	36.8
		S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.59	0.38	0.89	0.80	0.60	0.39	0.93	0.83	0.63	0.40	0.93	0.84	0.63	0.41	0.93	0.84	0.63	0.41	0.93
		Delta T	24	22	18	12	24	22	18	13	24	22	18	13	24	22	18	13	24	22	18	13	22	21	17	12	22	21	17	12	22
		KW	3.30	3.36	3.46	3.55	3.52	3.59	3.69	3.80	3.72	3.79	3.91	4.02	3.90	3.97	4.09	4.22	4.04	4.13	4.25	4.38	4.17	4.26	4.39	4.52	4.17	4.26	4.39	4.52	4.17
		AMPS	14.2	14.5	14.8	15.3	15.1	15.4	15.8	16.3	16.2	16.5	17.0	17.5	17.1	17.5	18.0	18.6	18.1	18.5	19.0	19.6	19.0	19.4	20.0	20.7	19.0	19.4	20.0	20.7	19.0
		HIPR	144	155	163	170	161	174	183	191	183	197	208	217	209	225	237	248	235	253	267	279	260	280	295	308	260	280	295	308	260
		LOPR	65	70	76	81	69	73	80	85	72	76	83	89	75	80	88	93	79	84	92	98	82	87	95	101	82	87	95	101	82

* 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

*PG1348***1A

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1348***1A

		Outdoor Ambient Temperature										105										115									
		85										95																			
		65										75																			
IDB*	Airflow	59	63	67	71	75	79	83	87	91	95	59	63	67	71	75	79	83	87	91	95	59	63	67	71	75	79	83	87	91	95
80	1610	MBh	46.9	48.0	51.2	54.8	45.9	46.9	50.1	53.5	44.8	45.7	48.9	52.2	43.7	44.6	47.7	51.0	54.3	43.7	44.6	47.7	51.0	41.5	42.4	45.3	48.4	38.4	39.3	42.0	44.8
		S/F	0.94	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	0.97	0.79	0.59	0.41	0.94	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62
		Delta T	25	24	21	17	26	25	21	17	26	25	21	17	25	25	22	17	12	26	25	22	17	24	24	21	17	22	22	20	16
		KW	3.37	3.43	3.53	3.63	3.60	3.67	3.78	3.89	3.81	3.88	3.99	4.11	3.99	4.07	4.19	4.31	4.43	4.14	4.22	4.35	4.48	4.27	4.36	4.49	4.63	4.27	4.36	4.49	4.63
		AMPS	14.5	14.8	15.2	15.7	15.5	15.8	16.2	16.7	16.6	16.9	17.4	18.0	17.6	17.9	18.4	19.0	19.5	18.5	18.9	19.5	20.1	19.5	19.9	20.5	21.2	19.5	19.9	20.5	21.2
		HIPR	148	159	168	176	166	179	189	197	189	203	215	224	215	232	245	255	265	242	261	275	287	268	288	304	317	268	288	304	317
		LOPR	67	72	78	83	71	76	83	88	74	79	86	92	78	83	90	96	101	84	87	95	101	84	90	98	104	84	90	98	104
		MBh	46.5	47.5	50.7	54.2	45.4	46.4	49.6	53.0	44.3	45.3	48.4	51.7	43.2	44.2	47.2	50.5	53.8	43.2	44.2	47.2	50.5	41.1	42.0	44.8	47.9	38.0	38.9	41.5	44.4
		S/F	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.98	0.92	0.75	0.56	1.00	0.95	0.78	0.58	0.41	0.94	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.81	0.61
		Delta T	26	25	22	17	27	25	22	18	27	25	22	18	26	26	22	18	12	26	25	22	18	23	24	21	16	23	24	21	16
1510		KW	3.36	3.43	3.52	3.62	3.59	3.66	3.77	3.88	3.80	3.87	3.99	4.11	3.98	4.06	4.18	4.30	4.42	4.13	4.21	4.34	4.47	4.26	4.35	4.48	4.62	4.26	4.35	4.48	4.62
		AMPS	14.5	14.8	15.2	15.6	15.4	15.7	16.2	16.7	16.6	16.9	17.4	17.9	17.5	17.9	18.4	19.0	19.5	18.5	18.9	19.4	20.1	19.4	19.9	20.4	21.1	19.4	19.9	20.4	21.1
		HIPR	148	159	168	175	166	178	188	196	189	203	214	223	215	231	244	254	264	242	260	275	286	267	287	303	316	267	287	303	316
		LOPR	67	71	78	83	71	76	82	88	74	78	86	91	77	82	90	96	101	84	87	94	100	84	89	98	104	84	89	98	104
		MBh	45.8	46.8	50.0	53.4	44.7	45.7	48.8	52.2	43.7	44.6	47.7	50.9	42.6	43.5	46.5	49.7	53.0	42.6	43.5	46.5	49.7	40.5	41.3	44.2	47.2	37.5	38.3	40.9	43.7
		S/F	0.89	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.41	0.94	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.78	0.58
		Delta T	27	26	22	18	27	26	22	18	27	26	23	18	27	26	23	18	12	26	25	22	18	24	24	21	17	24	24	21	17
		KW	3.32	3.39	3.48	3.58	3.55	3.62	3.72	3.83	3.75	3.82	3.93	4.05	3.93	4.00	4.12	4.25	4.37	4.08	4.16	4.28	4.41	4.20	4.29	4.42	4.56	4.20	4.29	4.42	4.56
		AMPS	14.3	14.6	15.0	15.4	15.2	15.5	16.0	16.5	16.3	16.7	17.1	17.7	17.3	17.6	18.2	18.7	19.2	18.2	18.6	19.2	19.8	19.2	19.6	20.2	20.8	19.2	19.6	20.2	20.8
		HIPR	145	156	165	172	163	175	185	193	185	199	211	220	211	227	240	250	260	237	256	270	281	262	282	298	311	262	282	298	311
		LOPR	66	70	77	82	70	74	81	86	73	77	84	90	76	81	88	94	100	83	86	93	99	83	88	96	102	83	88	96	102

	85																																																
	1610																1510																																
	MBh	S/F	Delta T	KW	AMPS	HIPR	LOPR	MBh	S/F	Delta T	KW	AMPS	HIPR	LOPR	MBh	S/F	Delta T	KW	AMPS	HIPR	LOPR	MBh	S/F	Delta T	KW	AMPS	HIPR	LOPR																					
	47.8	48.7	51.0	54.4	46.7	47.6	49.8	53.1	45.5	46.4	48.6	51.9	44.4	45.3	47.4	50.6	42.2	43.0	45.1	48.1	39.1	39.9	41.7	44.5	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80					
	27	27	25	22	27	27	25	22	26	27	25	22	25	26	26	22	24	25	25	22	22	22	23	24	20	3.39	3.46	3.56	3.66	3.63	3.70	3.81	3.92	3.83	3.91	4.02	4.15	4.02	4.10	4.22	4.35	4.17	4.25	4.38	4.52	4.30	4.39	4.53	4.67
	14.6	14.9	15.3	15.8	15.6	15.9	16.3	16.9	16.7	17.1	17.5	18.1	17.7	18.1	18.6	19.2	18.7	19.1	19.6	20.3	19.6	20.1	20.7	21.4	150	161	170	177	168	181	191	199	191	206	217	226	218	234	247	258	245	263	278	290	270	291	307	320	
	68	72	79	84	72	76	84	89	75	80	87	92	78	84	91	97	82	88	96	102	85	91	99	105	68	72	79	84	72	76	84	89	75	80	87	92	78	84	91	97	82	88	96	102	85	91	99	105	
	47.3	48.2	50.5	53.9	46.2	47.1	49.3	52.6	45.1	46.0	48.1	51.4	44.0	44.8	47.0	50.1	41.8	42.6	44.6	47.6	38.7	39.5	41.3	44.1	0.97	0.94	0.84	0.69	1.00	0.97	0.88	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79	
	28	27	26	22	28	28	26	23	27	28	26	23	27	27	27	23	25	26	26	23	24	24	24	21	3.39	3.45	3.55	3.65	3.62	3.69	3.80	3.91	3.82	3.90	4.02	4.14	4.01	4.09	4.21	4.34	4.16	4.24	4.37	4.51	4.29	4.38	4.51	4.66	
	14.6	14.9	15.3	15.7	15.5	15.9	16.3	16.8	16.7	17.0	17.5	18.1	17.7	18.0	18.5	19.2	18.6	19.0	19.6	20.2	19.6	20.0	20.6	21.3	149	161	170	177	167	180	190	198	190	205	216	226	217	233	246	257	244	263	277	289	270	290	306	319	
	68	72	79	84	72	76	83	89	75	79	87	92	78	83	91	97	82	87	95	101	85	90	99	105	68	72	79	84	72	76	83	89	75	79	87	92	78	83	91	97	82	87	95	101	85	90	99	105	
	46.6	47.5	49.7	53.1	45.5	46.4	48.6	51.8	44.4	45.3	47.4	50.6	43.3	44.2	46.3	49.4	41.2	42.0	43.9	46.9	38.1	38.9	40.7	43.4	0.94	0.90	0.81	0.66	0.97	0.94	0.84	0.69	0.99	0.96	0.87	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.94	0.76	
	28	28	26	23	29	28	27	23	29	28	27	23	28	28	27	23	27	27	27	23	25	25	25	21	3.35	3.41	3.51	3.61	3.57	3.64	3.75	3.86	3.78	3.85	3.96	4.08	3.95	4.03	4.15	4.28	4.11	4.19	4.32	4.45	4.24	4.32	4.45	4.59	
	14.4	14.7	15.1	15.5	15.3	15.7	16.1	16.6	16.5	16.8	17.3	17.8	17.4	17.8	18.3	18.9	18.4	18.8	19.3	20.0	19.3	19.7	20.3	21.0	147	158	167	174	165	177	187	195	187	201	213	222	213	229	242	253	240	258	273	284	265	285	301	314	
	67	71	77	83	70	75	82	87	73	78	85	91	77	82	89	95	81	86	94	100	83	89	97	103	67	71	77	83	70	75	82	87	73	78	85	91	77	82	89	95	81	86	94	100	83	89	97	103	

COOLING PERFORMANCE DATA

*PG1348***1AB/AC

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GPG1348***1AB/AC

Outdoor Ambient Temperature																																																																		
65												75											85											95											105											115										
IDB*	Airflow	Entering Indoor Wet Bulb Temperature											85											95											105											115																				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																																	
70	1688	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	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.89	0.74	0.52	-	0.90	0.75	0.52	-																																								
		Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-																																								
		KW	3.33	3.39	3.49	-	3.56	3.62	3.73	-	3.75	3.83	3.94	-	3.93	4.01	4.13	-	4.08	4.16	4.29	-	4.21	4.29	4.42	-																																								
		AMPS	15.5	15.8	16.1	-	16.4	16.7	17.2	-	17.5	17.8	18.3	-	18.5	18.8	19.3	-	19.4	19.8	20.3	-	20.3	20.7	21.3	-																																								
		HI PR	154	166	175	-	173	186	196	-	197	212	223	-	224	241	254	-	252	271	286	-	278	299	316	-																																								
	1500	LO PR	65	69	76	-	69	73	80	-	71	76	83	-	75	80	87	-	79	84	91	-	81	86	94	-																																								
		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	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-																																								
		Delta T	20	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-																																								
1313	1500	KW	3.31	3.37	3.46	-	3.53	3.60	3.70	-	3.73	3.80	3.91	-	3.90	3.98	4.10	-	4.05	4.13	4.25	-	4.18	4.26	4.39	-																																								
		AMPS	15.4	15.6	16.0	-	16.3	16.6	17.0	-	17.4	17.7	18.2	-	18.3	18.7	19.2	-	19.3	19.6	20.2	-	20.2	20.6	21.2	-																																								
		HI PR	152	164	173	-	171	184	194	-	195	209	221	-	222	239	252	-	249	268	283	-	275	296	313	-																																								
		LO PR	64	68	75	-	68	72	79	-	71	75	82	-	74	79	86	-	78	83	90	-	80	86	93	-																																								
		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	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.47	-	0.83	0.69	0.48	-																																								
	1313	Delta T	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	20	17	13	-																																								
		KW	3.24	3.30	3.39	-	3.46	3.52	3.62	-	3.65	3.72	3.82	-	3.81	3.89	4.00	-	3.96	4.04	4.16	-	4.08	4.16	4.29	-																																								
		AMPS	15.1	15.3	15.7	-	16.0	16.3	16.7	-	17.0	17.3	17.8	-	17.9	18.3	18.8	-	18.8	19.2	19.7	-	19.7	20.1	20.7	-																																								
		HI PR	148	159	168	-	166	179	189	-	189	203	214	-	215	231	244	-	242	260	275	-	267	288	304	-																																								
75	LO PR	62	66	73	-	66	70	77	-	69	73	80	-	72	77	84	-	75	80	88	-	78	83	91	-																																									
	MBh	46.8	48.2	52.2	56.0	45.7	47.1	51.0	54.7	44.7	46.0	49.8	53.4	43.6	44.9	48.6	52.1	41.4	42.6	46.1	49.5	38.3	39.5	42.7																																										
	S/T	0.89	0.80	0.60	0.39	0.92	0.83	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.87	0.66	0.43	1.00	0.91	0.69	0.44	1.00	0.91	0.69																																										
	Delta T	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16																																										
	KW	3.35	3.42	3.51	3.61	3.58	3.65	3.76	3.87	3.78	3.86	3.97	4.09	3.96	4.04	4.16	4.28	4.11	4.19	4.32	4.45	4.24	4.33	4.46																																										
	AMPS	15.6	15.9	16.3	16.7	16.5	16.8	17.3	17.8	17.6	18.0	18.5	19.0	18.6	19.0	19.5	20.1	19.6	19.9	20.5	21.1	20.5	20.9	21.5																																										
	HI PR	156	167	177	184	175	188	198	207	199	214	226	235	226	243	257	268	254	274	289	302	281	302	319																																										
	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																																										
	1688	1500	MBh	45.5	46.8	50.7	54.4	44.4	45.7	49.5	53.1	43.4	44.6	48.3	51.9	42.3	43.6	47.1	50.6	40.2	41.4	44.8	48.1	37.2	38.3	41.5																																								
			S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.98	0.87	0.66																																								
Delta T			24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17																																									
KW			3.33	3.39	3.49	3.59	3.56	3.62	3.73	3.84	3.76	3.83	3.94	4.06	3.93	4.01	4.13	4.25	4.08	4.16	4.29	4.42	4.21	4.29	4.42																																									
AMPS			15.5	15.8	16.1	16.6	16.4	16.7	17.2	17.7	17.5	17.9	18.3	18.9	18.5	18.8	19.3	19.9	19.4	19.8	20.3	21.0	20.3	20.8	21.3																																									
HI PR			154	166	175	183	173	186	196	205	197	212	223	233	224	241	254	265	252	271	286	299	278	299	316																																									
1313		LO PR	65	69	76	80	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	87	94																																									
		MBh	42.0	43.2	46.8	50.2	41.0	42.2	45.7	49.0	40.0	41.2	44.6	47.9	39.0	40.2	43.5	46.7	37.1	38.2	41.3	44.4	34.4	35.4	38.3																																									
		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	0.41	0.94	0.84	0.64																																									
		Delta T	24	22	18	13	24	22	18	13	24	22	18	13	25	23	19	13	24	22	18	13	23	21	17																																									

* 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

PG13481AB/AC**

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GPG1348***1AB/AC

		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								
80	1688	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	1.00	0.92	0.75	0.56							
		S/T	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.63	1.00	1.00	0.86	0.64	1.00	1.00	1.00	1.00							
		Delta T	26	24	21	17	25	25	21	17	25	25	21	17	24	25	22	17	23	23	21	17	21	22	20	16	1.00	1.00	1.00	1.00							
		KW	3.38	3.44	3.54	3.64	3.61	3.68	3.78	3.89	3.81	3.89	4.00	4.12	3.99	4.07	4.19	4.32	4.14	4.23	4.35	4.49	4.27	4.36	4.49	4.63	1.00	1.00	1.00	1.00							
		AMPS	15.7	16.0	16.4	16.8	16.7	17.0	17.4	17.9	17.8	18.1	18.6	19.1	18.7	19.1	19.6	20.2	19.7	20.1	20.6	21.3	20.7	21.1	21.7	22.3	1.00	1.00	1.00	1.00							
	1500	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	1.00	1.00	1.00	1.00							
		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	1.00	1.00	1.00	1.00							
		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	1.00	1.00	1.00	1.00							
		S/T	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	0.99	0.81	0.61	1.00	1.00	0.82	0.61	1.00	1.00	1.00	1.00							
		Delta T	26	25	22	18	27	26	22	18	27	26	22	18	26	26	22	18	25	25	22	18	23	24	21	17	1.00	1.00	1.00	1.00							
1313	KW	3.35	3.42	3.51	3.61	3.58	3.65	3.76	3.87	3.78	3.86	3.97	4.09	3.96	4.04	4.16	4.29	4.11	4.19	4.32	4.45	4.24	4.33	4.46	4.60	1.00	1.00	1.00	1.00								
	AMPS	15.6	15.9	16.3	16.7	16.5	16.8	17.3	17.8	17.6	18.0	18.5	19.0	18.6	19.0	19.5	20.1	19.6	19.9	20.5	21.1	20.5	20.9	21.5	22.2	1.00	1.00	1.00	1.00								
	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	1.00	1.00	1.00	1.00								
	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	1.00	1.00	1.00	1.00								
	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	1.00	1.00	1.00	1.00								
	S/T	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.95	0.90	0.73	0.54	0.99	0.92	0.75	0.56	1.02	0.96	0.78	0.58	1.03	0.97	0.79	0.59	1.00	1.00	1.00	1.00								
	Delta T	27	26	22	18	27	26	23	18	27	26	23	18	27	26	23	18	27	26	23	18	25	24	21	17	1.00	1.00	1.00	1.00								
	KW	3.28	3.35	3.44	3.53	3.51	3.57	3.67	3.78	3.70	3.77	3.88	4.00	3.87	3.95	4.06	4.19	4.02	4.10	4.22	4.35	4.14	4.23	4.35	4.49	1.00	1.00	1.00	1.00								
	AMPS	15.3	15.5	15.9	16.4	16.2	16.5	16.9	17.4	17.3	17.6	18.0	18.6	18.2	18.5	19.0	19.6	19.1	19.5	20.0	20.6	20.0	20.4	21.0	21.7	1.00	1.00	1.00	1.00								
	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	1.00	1.00	1.00	1.00								
	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	1.00	1.00	1.00	1.00								

		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
85	1688	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	1.00	1.00	1.00	1.00	1.00
		S/T	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.79	1.00	1.00	1.00	0.82	1.00	1.00	0.83	0.83	1.00	1.00	1.00	1.00	1.00
		Delta T	26	27	25	22	26	26	25	22	25	26	25	22	25	25	26	26	23	23	24	25	22	22	22	20	1.00	1.00	1.00	1.00	1.00
		KW	3.40	3.47	3.56	3.67	3.63	3.70	3.81	3.92	3.84	3.91	4.03	4.15	4.02	4.10	4.22	4.35	4.17	4.26	4.39	4.52	4.31	4.39	4.53	4.67	1.00	1.00	1.00	1.00	1.00
		AMPS	15.8	16.1	16.5	17.0	16.8	17.1	17.5	18.0	17.9	18.2	18.7	19.3	18.9	19.2	19.8	20.4	19.8	20.2	20.8	21.5	20.8	21.2	21.8	22.5	1.00	1.00	1.00	1.00	1.00
	1500	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	1.00	1.00	1.00	1.00	1.00
		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	1.00	1.00	1.00	1.00	1.00
		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	1.00	1.00	1.00	1.00	1.00
		S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79	1.00	1.00	1.00	1.00	1.00
		Delta T	28	28	26	23	28	28	27	23	28	28	27	23	27	27	27	23	26	26	26	23	24	24	25	21	1.00	1.00	1.00	1.00	1.00
85	1688	KW	3.38	3.44	3.54	3.64	3.61	3.68	3.78	3.89	3.81	3.89	4.00	4.12	3.99	4.07	4.19	4.32	4.14	4.23	4.35	4.49	4.27	4.36	4.49	4.63	1.00	1.00	1.00	1.00	1.00
		AMPS	15.7	16.0	16.4	16.8	16.7	17.0	17.4	17.9	17.8	18.1	18.6	19.1	18.7	19.1	19.6	20.2	19.7	20.1	20.6	21.3	20.7	21.1	21.7	22.3	1.00	1.00	1.00	1.00	1.00
		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	1.00	1.00	1.00	1.00	1.00
		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	1.00	1.00	1.00	1.00	1.00
	1313	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	1.00	1.00	1.00	1.00	1.00
		S/T	0.94	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76	1.00	1.00	1.00	1.00	1.00
		Delta T	29	28	27	23	29	29	27	23	29	29	27	23	28	29	27	24	27	27	27	23	25	25	25	22	1.00	1.00	1.00	1.00	

COOLING PERFORMANCE DATA

*PG1360***1A

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1360***1A 1st Stage Capacity

		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		
	1450	MBh	41.1	42.6	46.7	-	40.2	41.6	45.6	-	39.2	40.6	44.5	-	38.3	39.7	43.4	-	36.3	37.7	41.3	-	33.7	34.9	38.2	-					
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-					
		Delta T	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-					
		KW	2.98	3.04	3.13	-	3.20	3.26	3.36	-	3.39	3.45	3.56	-	3.55	3.62	3.74	-	3.69	3.77	3.89	-	3.81	3.89	4.02	-					
		AMPS	13.0	13.3	13.6	-	13.9	14.1	14.5	-	14.8	15.1	15.5	-	15.6	15.9	16.4	-	16.5	16.8	17.3	-	17.3	17.6	18.1	-					
		HIPR	139	149	158	-	156	167	177	-	177	190	201	-	202	217	229	-	227	244	258	-	251	270	285	-					
		LO PR	66	70	77	-	70	74	81	-	73	77	84	-	76	81	88	-	80	85	93	-	83	88	96	-					
70	1350	MBh	40.7	42.2	46.2	-	39.8	41.2	45.2	-	38.8	40.2	44.1	-	37.9	39.3	43.0	-	36.0	37.3	40.9	-	33.3	34.5	37.9	-					
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.45	-	0.80	0.66	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-					
		Delta T	20	17	13	-	20	18	13	-	20	18	13	-	21	18	13	-	20	18	13	-	19	16	12	-					
		KW	2.98	3.04	3.13	-	3.19	3.25	3.35	-	3.38	3.45	3.55	-	3.54	3.62	3.73	-	3.68	3.76	3.88	-	3.80	3.88	4.01	-					
		AMPS	13.0	13.3	13.6	-	13.8	14.1	14.5	-	14.8	15.1	15.5	-	15.6	15.9	16.3	-	16.4	16.8	17.2	-	17.2	17.6	18.1	-					
		HIPR	138	149	157	-	155	167	176	-	176	190	200	-	201	216	228	-	226	243	257	-	250	269	284	-					
		LO PR	66	70	76	-	70	74	81	-	72	77	84	-	76	81	88	-	80	85	92	-	82	88	96	-					
	1250	MBh	40.1	41.6	45.5	-	39.2	40.6	44.5	-	38.2	39.6	43.4	-	37.3	38.7	42.4	-	35.4	36.7	40.3	-	32.8	34.0	37.3	-					
		S/T	0.70	0.58	0.40	-	0.72	0.61	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-					
		Delta T	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-					
		KW	2.94	3.00	3.09	-	3.15	3.21	3.31	-	3.33	3.40	3.50	-	3.50	3.57	3.68	-	3.63	3.71	3.83	-	3.75	3.83	3.95	-					
		AMPS	12.9	13.1	13.4	-	13.7	13.9	14.3	-	14.6	14.9	15.3	-	15.4	15.7	16.1	-	16.2	16.5	17.0	-	17.0	17.3	17.8	-					
		HIPR	136	146	154	-	152	164	173	-	173	187	197	-	198	213	224	-	222	239	253	-	246	264	279	-					
		LO PR	65	69	75	-	68	73	79	-	71	76	83	-	75	79	87	-	78	83	91	-	81	86	94	-					

75	MBh	41.8	43.1	46.6	50.0	40.9	42.1	45.5	48.9	39.9	41.1	44.4	47.7	38.9	40.1	43.4	46.5	37.0	38.1	41.2	44.2	34.2	35.2	38.2	41.0
	S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.96	0.86	0.65	0.42	0.97	0.86	0.65	0.42
	Delta T	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
	KW	3.01	3.07	3.16	3.25	3.22	3.29	3.39	3.49	3.41	3.48	3.59	3.70	3.58	3.65	3.77	3.89	3.72	3.80	3.92	4.04	3.84	3.93	4.05	4.18
	AMPS	13.1	13.4	13.7	14.1	14.0	14.2	14.6	15.0	14.9	15.2	15.6	16.1	15.8	16.1	16.5	17.0	16.6	16.9	17.4	17.9	17.4	17.8	18.3	18.9
	HIPR	140	151	159	166	157	169	179	186	179	192	203	212	204	219	231	241	229	246	260	271	253	272	288	300
	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
1350	MBh	41.4	42.6	46.1	49.5	40.4	41.6	45.1	48.4	39.5	40.7	44.0	47.2	38.5	39.7	42.9	46.1	36.6	37.7	40.8	43.8	33.9	34.9	37.8	40.5
	S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
	Delta T	23	21	18	12	24	22	18	12	24	22	18	12	24	22	18	12	23	22	18	12	22	20	16	11
	KW	3.00	3.06	3.15	3.24	3.21	3.28	3.38	3.48	3.40	3.47	3.58	3.69	3.57	3.65	3.76	3.88	3.71	3.79	3.91	4.03	3.84	3.92	4.04	4.17
	AMPS	13.1	13.4	13.7	14.1	13.9	14.2	14.6	15.0	14.9	15.2	15.6	16.1	15.7	16.0	16.5	17.0	16.5	16.9	17.4	17.9	17.4	17.7	18.2	18.8
	HIPR	140	150	159	166	157	169	178	186	178	192	203	211	203	218	231	241	228	246	260	271	252	272	287	299
	LO PR	67	71	77	82	70	75	82	87	73	78	85	90	77	82	89	95	80	86	93	99	83	88	97	103
1250	MBh	40.8	42.0	45.5	48.8	39.8	41.0	44.4	47.7	38.9	40.0	43.3	46.5	37.9	39.1	42.3	45.4	36.0	37.1	40.2	43.1	33.4	34.4	37.2	39.9
	S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.91	0.81	0.61	0.39	0.91	0.82	0.62	0.40
	Delta T	24	22	18	12	24	22	18	13	24	22	18	13	24	22	18	13	24	22	18	12	22	21	17	12
	KW	2.96	3.02	3.11	3.20	3.17	3.24	3.33	3.44	3.36	3.43	3.53	3.64	3.52	3.60	3.71	3.82	3.66	3.74	3.86	3.98	3.78	3.86	3.98	4.11
	AMPS	13.0	13.2	13.5	13.9	13.8	14.0	14.4	14.8	14.7	15.0	15.4	15.9	15.5	15.8	16.3	16.8	16.3	16.7	17.1	17.7	17.1	17.5	18.0	18.6
	HIPR	137	148	156	163	154	166	175	183	175	189	199	208	200	215	227	236	224	242	255	266	248	267	282	294
	LO PR	65	70	76	81	69	73	80	85	72	76	83	89	75	80	88	93	79	84	92	98	82	87	95	101

* 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

*PG1360***1A

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1360***1A 1st Stage Capacity

		Outdoor Ambient Temperature																																															
		65								75								85								95								105								115							
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																
80	1450	MBh	42.6	43.5	46.5	49.7	41.6	42.5	45.4	48.5	40.6	41.5	44.3	47.4	39.6	40.5	43.2	46.2	37.6	38.4	41.1	43.9	34.8	35.6	38.0	40.7	34.8	35.6	38.0	40.7	34.8	35.6	38.0	40.7															
		S/T	0.92	0.86	0.70	0.53	0.96	0.90	0.73	0.55	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	1.00	0.81	0.60	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.60															
		Delta T	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	17	22	23	19	16	22	23	19	16	22	23	19	16															
		KW	3.03	3.09	3.18	3.28	3.25	3.31	3.41	3.52	3.44	3.51	3.62	3.73	3.61	3.68	3.80	3.92	3.75	3.83	3.95	4.08	3.88	3.96	4.08	4.21	3.88	3.96	4.08	4.21	3.88	3.96	4.08	4.21															
		AMPS	13.2	13.5	13.8	14.2	14.1	14.3	14.7	15.2	15.0	15.3	15.7	16.2	15.9	16.2	16.6	17.2	16.7	17.1	17.5	18.1	17.5	17.9	18.4	19.0	17.5	17.9	18.4	19.0	17.5	17.9	18.4	19.0															
	1350	HIPR	141	152	161	168	159	171	180	188	181	194	205	214	206	221	234	244	231	249	263	274	256	275	290	303	256	275	290	303	256	275	290	303															
		LOPR	67	72	78	83	71	76	83	88	74	79	86	92	78	83	90	96	81	87	95	101	84	90	98	104	84	90	98	104	84	90	98	104															
		MBh	42.1	43.1	46.0	49.2	41.2	42.1	44.9	48.0	40.2	41.1	43.9	46.9	39.2	40.1	42.8	45.8	37.2	38.1	40.7	43.5	34.5	35.3	37.7	40.3	34.5	35.3	37.7	40.3	34.5	35.3	37.7	40.3															
		S/T	0.90	0.85	0.69	0.52	0.94	0.88	0.72	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.97	0.79	0.59	1.00	0.97	0.79	0.59	1.00	0.97	0.79	0.59															
		Delta T	26	25	22	17	26	25	22	17	26	25	22	18	26	25	22	18	25	25	22	17	23	23	20	16	23	23	20	16	23	23	20	16															
1250	1450	KW	3.02	3.08	3.17	3.27	3.24	3.30	3.40	3.51	3.43	3.50	3.61	3.72	3.60	3.67	3.79	3.91	3.74	3.82	3.94	4.07	3.87	3.95	4.07	4.20	3.87	3.95	4.07	4.20	3.87	3.95	4.07	4.20															
		AMPS	13.2	13.4	13.8	14.2	14.0	14.3	14.7	15.1	15.0	15.3	15.7	16.2	15.8	16.2	16.6	17.1	16.7	17.0	17.5	18.0	17.5	17.9	18.4	19.0	17.5	17.9	18.4	19.0	17.5	17.9	18.4	19.0															
		HIPR	141	152	160	167	158	170	180	188	180	194	205	213	205	221	233	243	231	248	262	273	255	274	290	302	255	274	290	302	255	274	290	302															
		LOPR	67	71	78	83	71	76	82	88	74	78	86	91	77	82	90	96	81	86	94	100	84	89	98	104	84	89	98	104	84	89	98	104															
		MBh	41.5	42.4	45.3	48.4	40.5	41.4	44.3	47.3	39.6	40.4	43.2	46.2	38.6	39.5	42.2	45.1	36.7	37.5	40.1	42.8	34.0	34.7	37.1	39.7	34.0	34.7	37.1	39.7	34.0	34.7	37.1	39.7															
	1350	S/T	0.87	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57	1.00	0.94	0.76	0.57	1.00	0.94	0.76	0.57															
		Delta T	27	26	22	18	27	26	22	18	27	26	22	18	27	26	22	18	27	26	22	18	25	24	21	17	25	24	21	17	25	24	21	17															
		KW	2.98	3.04	3.13	3.23	3.20	3.26	3.36	3.46	3.39	3.45	3.56	3.67	3.55	3.62	3.74	3.85	3.69	3.77	3.89	4.01	3.81	3.89	4.02	4.15	3.81	3.89	4.02	4.15	3.81	3.89	4.02	4.15															
		AMPS	13.0	13.3	13.6	14.0	13.9	14.1	14.5	14.9	14.8	15.1	15.5	16.0	15.6	15.9	16.4	16.9	16.5	16.8	17.3	17.8	17.3	17.6	18.1	18.7	17.3	17.6	18.1	18.7	17.3	17.6	18.1	18.7															
		HIPR	139	149	158	164	156	167	177	184	177	190	201	210	202	217	229	239	227	244	258	269	251	270	285	297	251	270	285	297	251	270	285	297															
LOPR	66	70	77	82	70	74	81	86	73	77	84	90	76	81	88	94	80	85	93	99	83	88	96	102	83	88	96	102	83	88	96	102																	

		Outdoor Ambient Temperature																																				
		65						75						85						95						105						115						
IDB*	Airflow	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203
1450	MBh	43.3	44.1	46.2	49.3	42.3	43.1	45.2	48.2	41.3	42.1	44.1	47.0	40.3	41.1	43.0	45.9	38.3	39.0	40.9	43.6	35.5	36.1	37.9	40.4	35.5	36.1	37.9	40.4	35.5	36.1	37.9	40.4	35.5	36.1	37.9	40.4	
	S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.89	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.78	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.78	1.00	1.00	0.97	0.78	
	Delta T	27	26	25	21	27	26	25	22	26	26	25	22	26	26	25	22	24	25	25	21	22	23	20	22	23	20	22	23	20	22	23	20	22	23	20	22	
	KW	3.05	3.11	3.20	3.30	3.27	3.34	3.44	3.54	3.46	3.54	3.64	3.76	3.64	3.71	3.83	3.95	3.78	3.86	3.98	4.11	3.91	3.99	4.12	4.25	3.91	3.99	4.12	4.25	3.91	3.99	4.12	4.25	3.91	3.99	4.12	4.25	
	AMPS	13.3	13.6	13.9	14.3	14.2	14.4	14.8	15.3	15.1	15.4	15.9	16.4	16.0	16.3	16.8	17.3	16.8	17.2	17.7	18.2	17.7	18.0	18.6	19.2	17.7	18.0	18.6	19.2	17.7	18.0	18.6	19.2	17.7	18.0	18.6	19.2	
	HIPR	143	154	162	169	160	173	182	190	182	196	207	216	208	224	236	246	234	251	266	277	258	278	293	306	258	278	293	306	258	278	293	306	258	278	293	306	
LOPR	68	72	79	84	72	76	84	89	75	80	87	92	78	84	91	97	82	88	96	102	85	91	99	105	85	91	99	105	85	91	99	105	85	91	99	105		
1350	MBh	42.9	43.7	45.8	48.8	41.9	42.7	44.7	47.7	40.9	41.7	43.7	46.6	39.9	40.7	42.6	45.4	37.9	38.6	40.5	43.2	35.1	35.8	37.5	40.0	35.1	35.8	37.5	40.0	35.1	35.8	37.5	40.0	35.1	35.8	37.5	40.0	
	S/T	0.95	0.91	0.83	0.67	0.98	0.95	0.86	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77	
	Delta T	28	27	26	22	28	28	26	23	28	28	26	23	27	28	26	23	26	26	26	22	24	24	21	21	24	24	21	21	24	24	21	21	24	24	21	21	
	KW	3.05	3.11	3.20	3.29	3.26	3.33	3.43	3.54	3.46	3.53	3.64	3.75	3.63	3.70	3.82	3.94	3.77	3.85	3.97	4.10	3.90	3.98	4.11	4.24	3.90	3.98	4.11	4.24	3.90	3.98	4.11	4.24	3.90	3.98	4.11	4.24	
	AMPS	13.3	13.5	13.9	14.3	14.1	14.4	14.8	15.2	15.1	15.4	15.8	16.3	16.0	16.3	16.7	17.3	16.8	17.1	17.6	18.2	17.6	18.0	18.5	19.1	17.6	18.0	18.5	19.1	17.6	18.0	18.5	19.1	17.6	18.0	18.5	19.1	
	HIPR	142	153	162	169	160	172	182	189	182	196	207	216	207	223	235	245	233	251	265	276	257	277	293	305	257	277	293	305	257	277	293	305	257	277	293	305	
LOPR	68	72	79	84	72	76	83	89	75	79	87	92	78	83	91	97	82	87	95	101	85	90	99	105	85	90	99	105	85	90	99	105	85	90	99	105		
1250	MBh	42.2	43.1	45.1	48.1	41.3	42.1	44.0	47.0	40.3	41.1	43.0	45.9	39.3	40.1	41.9	44.8	37.3	38.0	39.8	42.5	34.6	35.2	36.9	39.4	34.6	35.2	36.9	39.4	34.6	35.2	36.9	39.4	34.6	35.2	36.9	39.4	
	S/T	0.91	0.88	0.80	0.65	0.95	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74	
	Delta T	28	28	26	23	29	28	27	23	29	28	27	23	29	29	27	23	27	28	27	23	25	26	25	21	25	26	25	21	25	26	25	21	25	26	25	21	
	KW	3.01	3.07	3.16	3.25	3.22	3.29	3.39	3.49	3.41	3.48	3.59	3.70	3.58	3.65	3.77	3.89	3.72	3.80	3.92	4.04	3.84	3.93	4.05	4.18	3.84	3.93	4.05	4.18	3.84	3.93	4.05	4.18	3.84	3.93	4.05	4.18	
	AMPS	13.1	13.4	13.7	14.1	14.0	14.2	14.6	15.0	14.9	15.2	15.6	16.1	15.8	16.1	16.5	17.0	16.6	16.9	17.4	17.9	17.4	17.8	18.3	18.9	17.4	17.8	18.3	18.9	17.4	17.8	18.3	18.9	17.4	17.8	18.3	18.9	
	HIPR	140	151	159	166	157	169	179	186	179	192	203	212	204	219	231	241	229	246	260	271	253	272	288	300	253	272	288	300	253	272	288	300	253	272	288	300	
LOPR	67	71	77	83	70	75	82	87	73	78	85	91	77	82	89	95	81	86	94	100	83	89	97	103	83	89	97	103	83	89	97	103	83	89	97	103		

85

COOLING PERFORMANCE DATA

*PG1360***1A (Two-Stage)

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1360***1A 2nd Stage Capacity

		Outdoor Ambient Temperature																																			
		65						75						85						95						105						115					
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
70	1910	MBh	54.6	56.6	62.0	-	53.3	55.3	60.5	-	52.0	53.9	59.1	-	50.8	52.6	57.7	-	48.2	50.0	54.8	-	44.7	46.3	50.7	-	44.7	46.3	50.7	-	44.7	46.3	50.7	-			
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-	0.84	0.70	0.49	-	0.84	0.70	0.49	-			
		Delta T	19	17	13	-	19	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-	18	16	12	-			
		KW	4.35	4.44	4.57	-	4.66	4.75	4.90	-	4.93	5.03	5.18	-	5.17	5.28	5.44	-	5.38	5.49	5.66	-	5.55	5.67	5.84	-	5.55	5.67	5.84	-	5.55	5.67	5.84	-			
		AMPS	20.3	20.6	21.1	-	21.5	21.8	22.4	-	22.8	23.2	23.8	-	24.0	24.5	25.1	-	25.2	25.7	26.3	-	26.4	26.9	27.6	-	26.4	26.9	27.6	-	26.4	26.9	27.6	-			
		HIPR	154	166	175	-	173	186	197	-	197	212	224	-	224	241	255	-	252	271	286	-	278	300	316	-	278	300	316	-	278	300	316	-			
		LO PR	65	69	76	-	69	73	80	-	72	76	83	-	75	80	87	-	79	84	92	-	82	87	95	-	82	87	95	-	82	87	95	-			
70	1810	MBh	54.0	56.0	61.4	-	52.8	54.7	59.9	-	51.5	53.4	58.5	-	50.3	52.1	57.1	-	47.8	49.5	54.2	-	44.2	45.8	50.2	-	44.2	45.8	50.2	-	44.2	45.8	50.2	-			
		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	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-	19	16	12	-	19	16	12	-			
		KW	4.35	4.43	4.56	-	4.65	4.74	4.88	-	4.92	5.02	5.17	-	5.16	5.27	5.43	-	5.36	5.47	5.64	-	5.54	5.65	5.83	-	5.54	5.65	5.83	-	5.54	5.65	5.83	-			
		AMPS	20.2	20.6	21.1	-	21.4	21.8	22.3	-	22.8	23.2	23.8	-	24.0	24.4	25.0	-	25.1	25.6	26.3	-	26.3	26.8	27.5	-	26.3	26.8	27.5	-	26.3	26.8	27.5	-			
		HIPR	154	165	175	-	172	186	196	-	196	211	223	-	223	240	254	-	251	270	286	-	278	299	315	-	278	299	315	-	278	299	315	-			
		LO PR	65	69	76	-	69	73	80	-	71	76	83	-	75	80	87	-	79	84	91	-	81	87	95	-	81	87	95	-	81	87	95	-			
70	1710	MBh	53.2	55.2	60.4	-	52.0	53.9	59.0	-	50.8	52.6	57.6	-	49.5	51.3	56.2	-	47.0	48.8	53.4	-	43.6	45.2	49.5	-	43.6	45.2	49.5	-	43.6	45.2	49.5	-			
		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	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-	19	16	12	-	19	16	12	-			
		KW	4.29	4.37	4.50	-	4.59	4.68	4.82	-	4.86	4.96	5.11	-	5.09	5.20	5.36	-	5.29	5.40	5.57	-	5.46	5.58	5.75	-	5.46	5.58	5.75	-	5.46	5.58	5.75	-			
		AMPS	20.0	20.4	20.8	-	21.2	21.5	22.1	-	22.5	22.9	23.5	-	23.7	24.1	24.7	-	24.8	25.3	26.0	-	26.0	26.5	27.2	-	26.0	26.5	27.2	-	26.0	26.5	27.2	-			
		HIPR	151	163	172	-	170	182	193	-	193	207	219	-	220	236	250	-	247	266	281	-	273	294	310	-	273	294	310	-	273	294	310	-			
		LO PR	64	68	74	-	68	72	79	-	70	75	82	-	74	79	86	-	77	82	90	-	80	85	93	-	80	85	93	-	80	85	93	-			

1910	MBh	55.5	57.1	61.9	66.4	54.2	55.8	60.4	64.8	52.9	54.5	59.0	63.3	51.6	53.2	57.5	61.8	49.0	50.5	54.7	58.7	45.4	46.8	50.6	54.3
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.89	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42
	Delta T	22	20	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
	KW	4.39	4.47	4.60	4.74	4.70	4.79	4.93	5.08	4.97	5.07	5.23	5.39	5.21	5.32	5.48	5.66	5.42	5.53	5.70	5.88	5.60	5.71	5.89	6.08
	AMPS	20.4	20.8	21.3	21.8	21.6	22.0	22.5	23.2	23.0	23.4	24.0	24.7	24.2	24.6	25.3	26.0	25.4	25.9	26.5	27.3	26.6	27.1	27.8	28.6
	HIPR	156	168	177	185	175	188	199	207	199	214	226	236	226	244	257	268	255	274	289	302	281	303	320	333
	LO PR	66	70	77	82	70	74	81	86	72	77	84	90	76	81	88	94	80	85	93	99	82	88	96	102
1810	MBh	55.0	56.6	61.2	65.7	53.7	55.3	59.8	64.2	52.4	53.9	58.4	62.7	51.1	52.6	57.0	61.1	48.6	50.0	54.1	58.1	45.0	46.3	50.1	53.8
	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	23	21	17	12	23	21	17	12	23	21	17	12	23	21	18	12	23	21	17	12	21	20	16	11
	KW	4.38	4.46	4.59	4.73	4.69	4.78	4.92	5.07	4.96	5.06	5.21	5.37	5.20	5.31	5.47	5.64	5.41	5.52	5.69	5.87	5.58	5.70	5.88	6.07
	AMPS	20.4	20.7	21.2	21.8	21.6	21.9	22.5	23.1	22.9	23.4	23.9	24.6	24.1	24.6	25.2	26.0	25.3	25.8	26.5	27.3	26.5	27.0	27.7	28.6
	HIPR	155	167	176	184	174	187	198	206	198	213	225	235	226	243	256	267	254	273	288	301	280	302	319	332
	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
1710	MBh	54.1	55.7	60.3	64.7	52.9	54.4	58.9	63.2	51.6	53.1	57.5	61.7	50.4	51.8	56.1	60.2	47.8	49.3	53.3	57.2	44.3	45.6	49.4	53.0
	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	23	21	17	12	23	21	18	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11
	KW	4.32	4.41	4.53	4.67	4.63	4.72	4.86	5.01	4.90	4.99	5.15	5.30	5.13	5.24	5.40	5.57	5.33	5.44	5.61	5.79	5.51	5.62	5.80	5.98
	AMPS	20.1	20.5	21.0	21.5	21.3	21.7	22.2	22.8	22.7	23.1	23.7	24.3	23.8	24.3	24.9	25.6	25.0	25.5	26.2	26.9	26.2	26.7	27.4	28.2
	HIPR	153	164	173	181	171	184	195	203	195	210	221	231	222	239	252	263	250	269	284	296	276	297	313	327
	LO PR	65	69	75	80	68	73	79	84	71	76	82	88	75	79	87	92	78	83	91	97	81	86	94	100

COOLING PERFORMANCE DATA

PG13601A (Two-Stage)**

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1360***1A 2nd Stage Capacity

		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	1910	MBh	56.5	57.7	61.7	65.9	55.2	56.4	60.2	64.4	53.9	55.0	58.8	62.9	52.5	53.7	57.4	61.3	49.9	51.0	54.5	58.3	46.2	47.3	50.5	54.0
		S/T	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.98	0.79	0.59	1.00	0.98	0.80	0.60
		Delta T	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	17	22	22	19	16
		KW	4.42	4.51	4.64	4.78	4.73	4.83	4.97	5.12	5.01	5.11	5.27	5.43	5.25	5.36	5.53	5.70	5.46	5.58	5.75	5.93	5.64	5.76	5.94	6.13
		AMPS	20.5	20.9	21.4	22.0	21.7	22.1	22.7	23.3	23.1	23.6	24.2	24.9	24.4	24.8	25.5	26.2	25.6	26.1	26.7	27.5	26.8	27.3	28.0	28.9
	1810	HIPR	157	169	179	186	176	190	201	209	201	216	228	238	229	246	260	271	257	277	292	305	284	306	323	337
		LO PR	67	71	77	82	70	75	82	87	73	78	85	91	77	82	89	95	81	86	94	100	83	89	97	103
		MBh	55.9	57.2	61.1	65.3	54.6	55.8	59.6	63.8	53.3	54.5	58.2	62.2	52.0	53.2	56.8	60.7	49.4	50.5	54.0	57.7	45.8	46.8	50.0	53.4
		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
		Delta T	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	25	25	21	17	23	23	20	16
85	1810	KW	4.41	4.50	4.63	4.76	4.72	4.82	4.96	5.11	5.00	5.10	5.25	5.42	5.24	5.35	5.51	5.69	5.45	5.56	5.73	5.92	5.63	5.75	5.93	6.11
		AMPS	20.5	20.9	21.4	21.9	21.7	22.1	22.6	23.3	23.1	23.5	24.1	24.8	24.3	24.8	25.4	26.2	25.5	26.0	26.7	27.5	26.7	27.2	27.9	28.8
		HIPR	157	169	178	186	176	189	200	209	200	215	227	237	228	245	259	270	256	276	291	304	283	305	322	336
		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
	1710	MBh	55.1	56.3	60.1	64.3	53.8	55.0	58.7	62.8	52.5	53.7	57.3	61.3	51.2	52.4	55.9	59.8	48.7	49.7	53.2	56.8	45.1	46.1	49.2	52.6
		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
		Delta T	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	21	17	24	23	20	16
		KW	4.36	4.44	4.57	4.70	4.66	4.75	4.90	5.04	4.93	5.03	5.19	5.35	5.17	5.28	5.44	5.61	5.38	5.49	5.66	5.84	5.55	5.67	5.84	6.03
		AMPS	20.3	20.6	21.1	21.7	21.5	21.8	22.4	23.0	22.8	23.2	23.8	24.5	24.0	24.5	25.1	25.8	25.2	25.7	26.3	27.1	26.4	26.9	27.6	28.4
HIPR	154	166	175	183	173	186	197	205	197	212	224	233	224	241	255	266	252	271	286	299	278	300	316	330		
LO PR	65	69	76	81	69	73	80	85	72	76	83	89	75	80	87	93	79	84	92	98	82	87	95	101		

COOLING OPERATION

MODEL: GPG1360*1B***

2036	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
	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	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	17	11	20	19	15	11
	KW	41.3	4.21	4.34	4.48	4.44	4.53	4.68	4.83	4.72	4.82	4.97	5.14	4.96	5.07	5.23	5.41	5.17	5.28	5.45	5.64	5.35	5.46	5.64	5.83
	AMPS	20.4	20.7	21.3	21.9	21.6	22.0	22.6	23.3	23.1	23.5	24.2	24.9	24.3	24.8	25.5	26.3	25.6	26.1	26.8	27.7	26.9	27.4	28.2	29.1
	HI PR	166	179	188	197	186	200	212	221	212	228	241	251	241	259	274	286	271	292	308	321	300	322	341	355
	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
	MBh	54.7	56.3	60.9	65.4	53.4	55.0	59.5	63.9	52.1	53.7	58.1	62.3	50.9	52.4	56.7	60.8	48.3	49.7	53.8	57.8	44.7	46.1	49.9	53.5
	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	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11
1810	KW	41.0	4.18	4.31	4.45	4.41	4.50	4.64	4.79	4.68	4.78	4.93	5.09	4.92	5.03	5.19	5.36	5.12	5.24	5.41	5.59	5.30	5.42	5.60	5.78
	AMPS	20.2	20.6	21.1	21.7	21.5	21.9	22.4	23.1	22.9	23.4	24.0	24.7	24.2	24.6	25.3	26.1	25.4	25.9	26.6	27.5	26.7	27.2	28.0	28.8
	HI PR	164	177	187	195	184	198	209	218	210	226	238	248	239	257	271	283	269	289	305	318	297	319	337	352
	LO PR	63	67	73	78	66	71	77	82	69	73	80	85	72	77	84	90	76	81	88	94	79	84	91	97
	MBh	50.5	51.9	56.2	60.3	49.3	50.7	54.9	58.9	48.1	49.5	53.6	57.5	46.9	48.3	52.3	56.1	44.6	45.9	49.7	53.3	41.3	42.5	46.0	49.4
	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	23	21	17	12	23	22	18	12	23	22	18	12	24	22	18	12	23	21	18	12	22	20	16	11
	KW	40.0	4.08	4.21	4.34	4.30	4.39	4.53	4.67	4.57	4.66	4.81	4.97	4.80	4.90	5.06	5.23	5.00	5.11	5.27	5.45	5.17	5.28	5.46	5.64
	AMPS	19.8	20.2	20.7	21.3	21.0	21.4	22.0	22.6	22.4	22.8	23.4	24.2	23.6	24.1	24.7	25.5	24.8	25.3	26.0	26.8	26.0	26.6	27.3	28.2
	HI PR	159	171	181	189	179	192	203	212	203	219	231	241	232	249	263	274	260	280	296	309	288	310	327	341
LO PR	61	65	71	75	64	68	75	80	67	71	78	83	70	75	82	87	74	78	86	91	76	81	88	94	

NOTE: Shaded area is ACCA (TVA) conditions

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

COOLING PERFORMANCE DATA

PG13601BA/BB**

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: GPG1360***1B*

		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	2036	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	50.6	51.7	55.3	59.1	46.9	47.9	51.2	54.7					
		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					
		Delta T	24	23	20	16	25	24	20	16	25	24	21	16	24	24	21	17	23	23	20	16	21	22	19	15					
		KW	4.16	4.25	4.38	4.52	4.48	4.57	4.72	4.87	4.75	4.86	5.01	5.18	5.00	5.11	5.28	5.45	5.21	5.32	5.50	5.68	5.39	5.51	5.69	5.88					
		AMPS	20.5	20.9	21.4	22.0	21.8	22.2	22.8	23.4	23.3	23.7	24.3	25.1	24.5	25.0	25.7	26.5	25.8	26.3	27.0	27.9	27.1	27.6	28.4	29.3					
	HI PR	168	180	190	199	188	202	214	223	214	230	243	253	244	262	277	289	274	295	311	325	303	326	344	359						
	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						
	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	49.2	50.2	53.7	57.4	45.5	46.5	49.7	53.2						
	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						
	Delta T	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	25	24	21	17	23	23	20	16						
1810	KW	4.13	4.21	4.35	4.48	4.44	4.54	4.68	4.83	4.72	4.82	4.97	5.14	4.96	5.07	5.23	5.41	5.17	5.28	5.45	5.64	5.35	5.46	5.64	5.83						
	AMPS	20.4	20.7	21.3	21.9	21.6	22.0	22.6	23.3	23.1	23.5	24.2	24.9	24.3	24.8	25.5	26.3	25.6	26.1	26.8	27.7	26.9	27.4	28.2	29.1						
	HI PR	166	179	189	197	186	200	212	221	212	228	241	251	241	259	274	286	271	292	308	322	300	323	341	355						
	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						
	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	45.4	46.4	49.5	53.0	42.0	43.0	45.9	49.1						
1584	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						
	Delta T	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	17	24	23	20	16						
	KW	4.03	4.11	4.24	4.38	4.33	4.43	4.57	4.71	4.60	4.70	4.85	5.01	4.84	4.94	5.10	5.27	5.04	5.15	5.32	5.49	5.21	5.33	5.50	5.69						
	AMPS	19.9	20.3	20.8	21.4	21.2	21.6	22.1	22.8	22.6	23.0	23.6	24.3	23.8	24.3	24.9	25.7	25.0	25.5	26.2	27.0	26.2	26.8	27.5	28.4						
	HI PR	161	173	183	191	181	194	205	214	205	221	233	243	234	252	266	277	263	283	299	312	291	313	330	345						
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							

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.

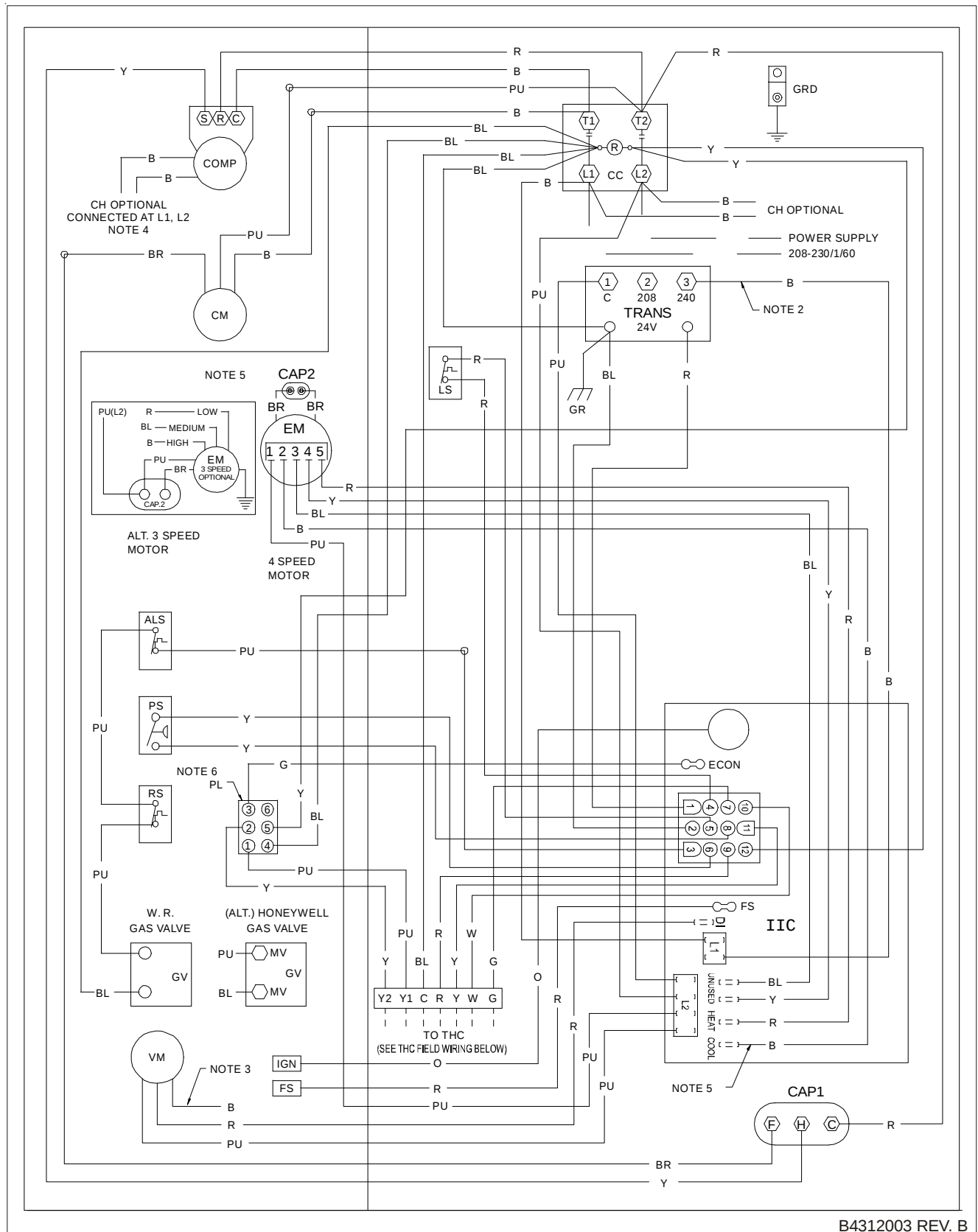
A properly operating unit should be within plus or minus **3 Amps** of the typical value shown.



WARNING

HIGH VOLTAGE!

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



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

WIRING DIAGRAMS

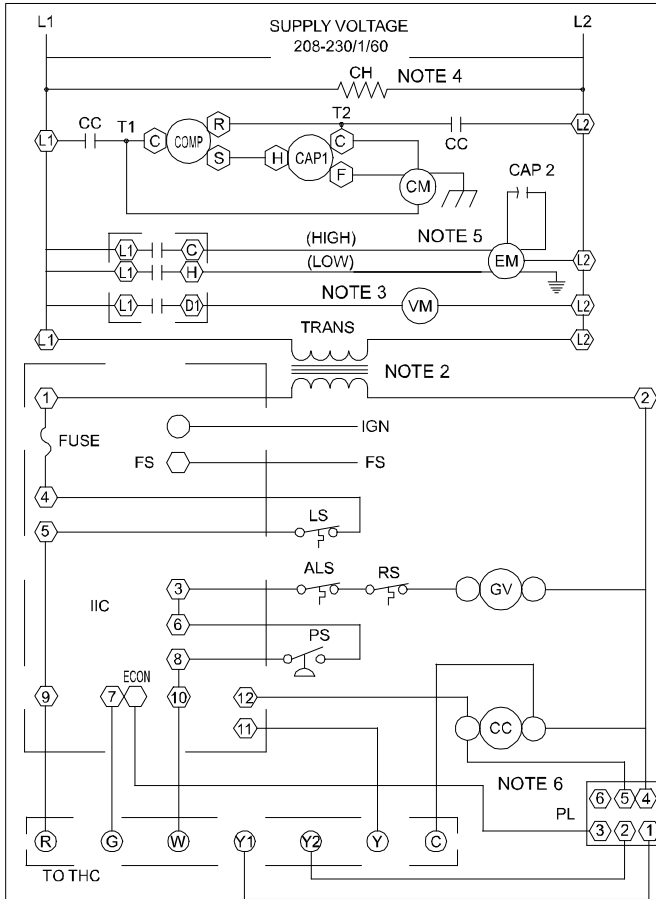
[A/G]PG13[24-42]***1A*/B*/C*



WARNING

HIGH VOLTAGE!

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



COMPONENT LEGEND

ALS AUXILIARY LIMIT SWITCH
CAP CAPACITOR
COMP COMPRESSOR
CM CONDENSER MOTOR
CC CONTACTOR
CH CRANKCASE HEATER
EM EVAPORATOR MOTOR
FS FLAME SENSOR
GV GAS VALVE
IIC INTEGRATED IGNITION CONTROL
IGN IGNITOR
LS LIMIT SWITCH
PL PLUG
PS PRESSURE SWITCH
RS ROLLOUT SWITCH
THC THERMOSTAT HEAT & COOL
TRANS TRANSFORMER
VM VENT MOTOR

◊ WIRE SPLICE
○ MARKED TERMINAL
○ UNMARKED TERMINAL
WIRING
— LINE VOLTAGE
— LOW VOLTAGE
— FIELD INSTALLED POWER
— FIELD INSTALLED CONTROL

WIRE CODE

B BLACK
BL BLUE
BR BROWN
G GREEN
O ORANGE
PK PINK
PU PURPLE
R RED
W WHITE
Y YELLOW

NOTES

- REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. (USE COPPER CONDUCTOR ONLY).
- FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL (3) TO TERMINAL (2) ON TRANSFORMER.
- SOME MODELS HAVE VENT MOTORS EQUIPPED WITH A 230V LEAD (RED) AND A 208V (BLACK). IF EQUIPPED, CONNECT VENT MOTOR BLACK LEAD IN PLACE OF RED LEAD AT IIC (DI) FOR 208V OPERATION.
- CRANKCASE HEATER (OPTIONAL).
- FOR DIFFERENT THAN FACTORY SPEED TAP. CHANGE COOLING SPEED AT COOL TERMINAL (IIC). CHANGE HEATING SPEED AT HEAT TERMINAL (IIC).

4 SPEED MOTOR

B - HIGH SPEED
BL - MEDIUM HIGH SPEED
Y - MEDIUM LOW SPEED
R - LOW SPEED

3 SPEED MOTOR

B - HIGH SPEED
BL - MEDIUM SPEED
R - LOW SPEED

- ACCESSORY ECONOMIZER PLUG (ON SELECT MODELS) ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT.

208-230/1/60

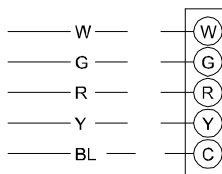
INSTALLER/SERVICEMAN

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

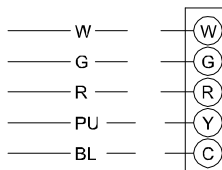
STATUS LIGHT	EQUIP. STATUS	CHECK
ON	NORMAL OPERATION	-
OFF	NO POWER OR INTERNAL CONTROL FAULT	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE OR OPEN ROLLOUT SWITCH OR OPEN AUX. LIMIT SWITCH	GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR FLAME ROLLOUT BAD SWITCH AUX. LIMIT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

THC-FIELD WIRING

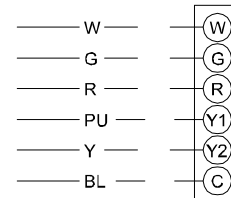
THC-NO ECONOMIZER



THC-WITH ECONOMIZER OPTION



2 STAGE COOLING



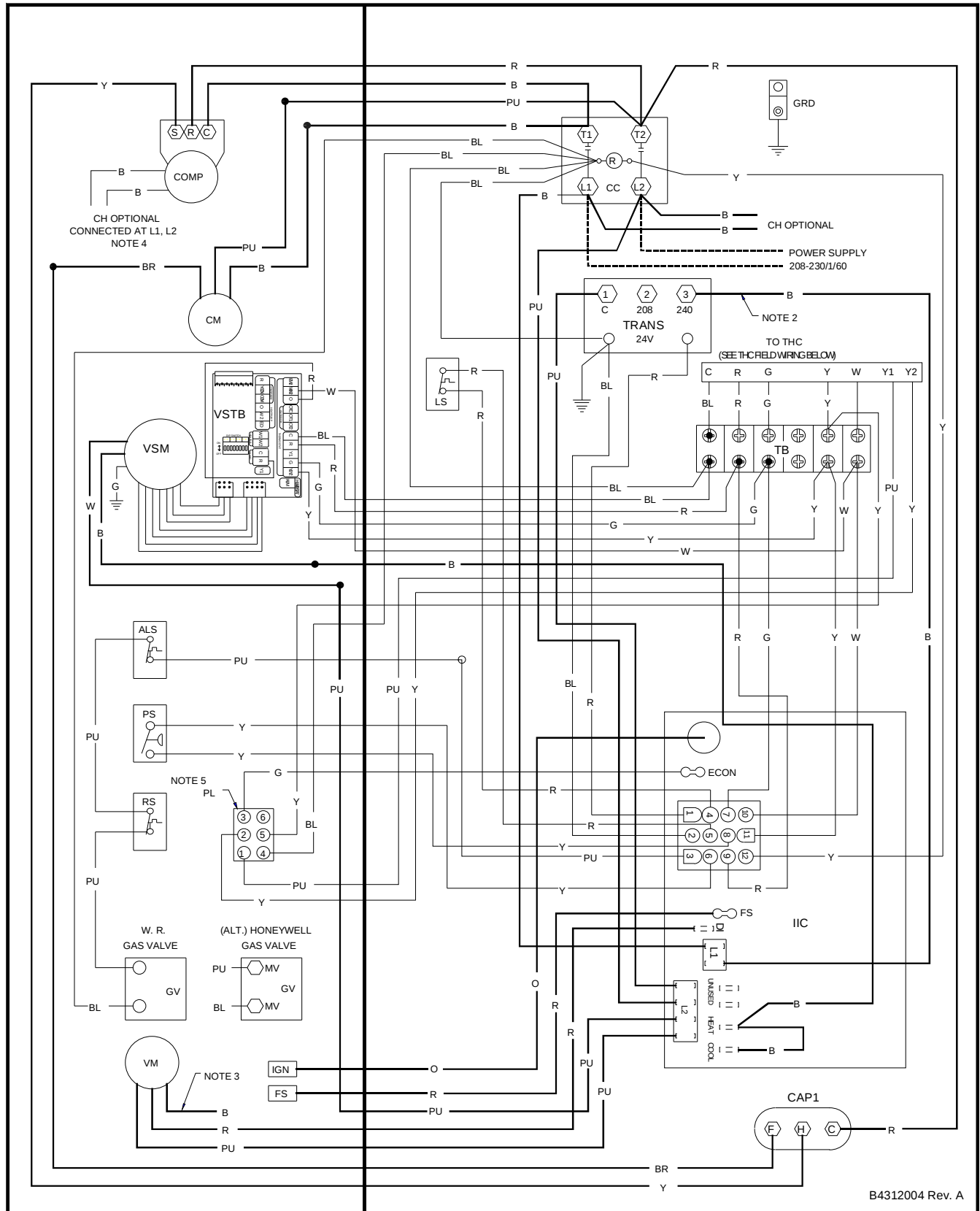
B4312003 REV. B

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



WARNING

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



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

WIRING DIAGRAMS

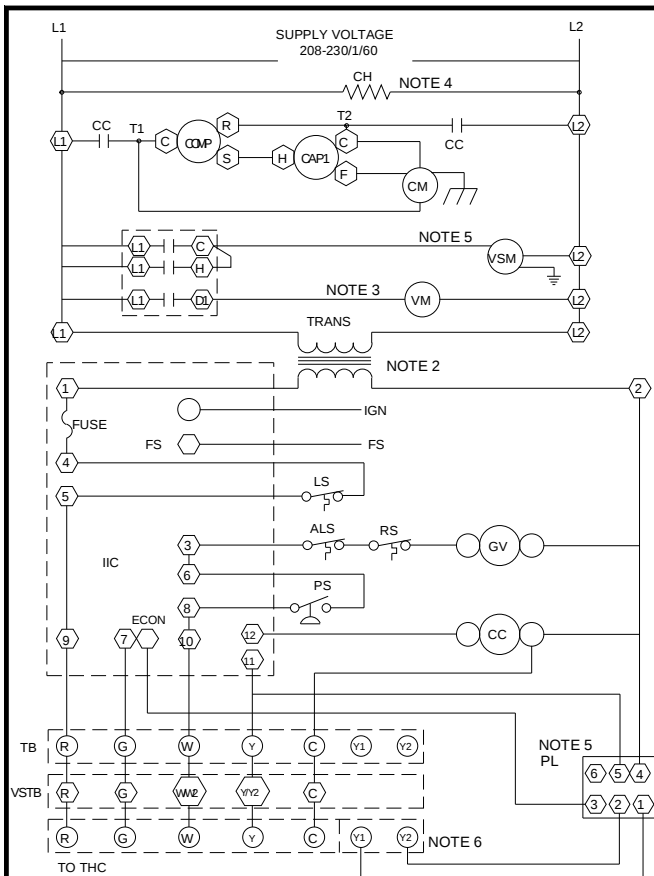
[A/G]PG1348***1A/AA



WARNING

HIGH VOLTAGE!

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



COMPONENT LEGEND

ALS AUXILIARY LIMIT SWITCH
CAP CAPACITOR
COMP COMPRESSOR
CM CONDENSER MOTOR
CC CONTACTOR
CH CRANKCASE HEATER
FS FLAME SENSOR
GV GAS VALVE
IIC INTEGRATED IGNITION CONTROL
IGN IGNITOR
LS LIMIT SWITCH
PL PLUG
PS PRESSURE SWITCH
RS ROLLOUT SWITCH
TB TERMINAL BLOCK
THC THERMOSTAT HEAT & COOL
TRANS TRANSFORMER
VM VENT MOTOR
VSM VAR. SPEED MOTOR
VSTB VARIABLE SPEED TERM. BLOCK

○ WIRE SPICE
○ MARKED TERMINAL
○ UNMARKED TERMINAL
WIRING
— LINE VOLTAGE
— LOW VOLTAGE
- - - FIELD INSTALLED POWER
- - - FIELD INSTALLED CONTROL

WIRE CODE
B BLACK
BL BLUE
BR BROWN
G GREEN
O ORANGE
PK PINK
PU PURPLE
R RED
W WHITE
Y YELLOW

NOTES

1. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (USE COPPER CONDUCTOR ONLY).
2. FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL (3) TO TERMINAL (2) ON TRANSFORMER.
3. SOME MODELS HAVE VENT MOTORS EQUIPPED WITH A 230V LEAD (RED) AND A 208V (BLACK). IF EQUIPPED, CONNECT VENT MOTOR BLACK LEAD IN PLACE OF RED LEAD AT U11 (D1) FOR 208V OPERATION.
4. CRANKCASE HEATER (OPTIONAL).
5. ACCESSORY ECONOMIZER PLUG (ON SELECT MODELS) ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT.
6. TWO STAGE THERMOSTAT CONNECTIONS IF USED WITH ECONOMIZER OPTION INSTALLED.

208-230/1/60

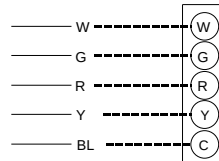
INSTALLER/SERVICEMAN

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

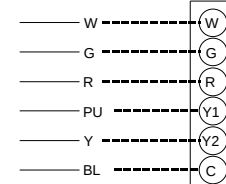
STATUS LIGHT	EQUIP. STATUS	CHECK
ON	NORMAL OPERATION	-
OFF	NO POWER OR INTERNAL CONTROL FAULT	CHECK INPUT POWER CHECK FUSE ON CONTROL REPLACE CONTROL
1 BLINK	IGNITION FAILURE OR OPEN ROLLOUT SWITCH OR OPEN AUX. LIMIT SWITCH	GAS FLOW GAS PRESSURE GAS VALVE FLAME SENSOR FLAME ROLLOUT BAD SWITCH AUX. LIMIT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

THC-FIELD WIRING

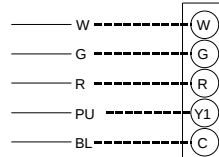
THC-NO ECONOMIZER



2 STAGE COOLING



THC-WITH ECONOMIZER OPTION



B4312004 Rev. A

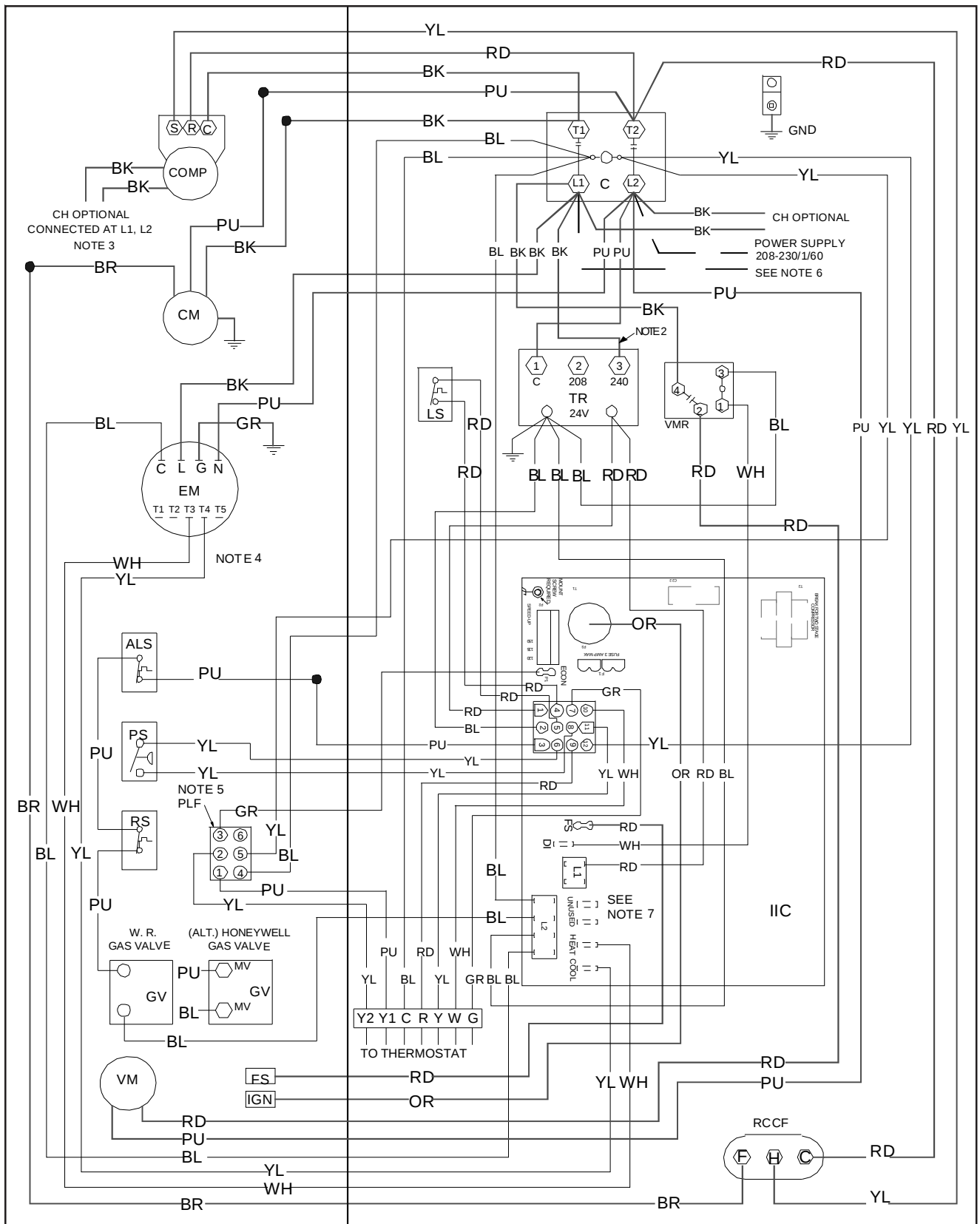
Wiring is subject to change, always refer to the wiring diagram on the unit for the most up-to-date wiring.



WARNING

HIGH VOLTAGE!

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



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

WIRING DIAGRAMS

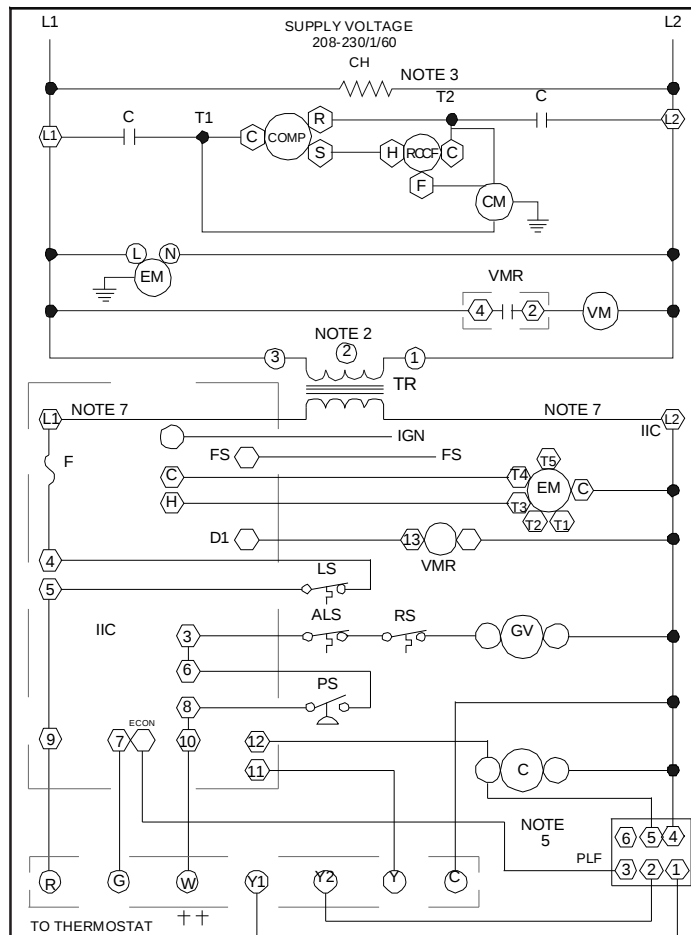
[A/G]PG1348***1AB/AC



WARNING

HIGH VOLTAGE!

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



COMPONENT LEGEND

ALS	AUXILLARY LIMIT SWITCH
COMP	COMPRESSOR
CM	CONDENSER MOTOR
C	CONTACTOR
CH	CRANKCASE HEATER
EM	EVAPORATOR MOTOR
F	FUSE
FS	FLAME SENSOR
GND	EQUIPMENT GROUND
GV	GAS VALVE
IIC	INTEGRATED IGNITION CONTROL
IGN	IGNITOR
LS	LIMIT SWITCH
PLF	FEMALE PLUG/CONNECTOR
PS	PRESSURE SWITCH
RCCF	RUN CAPACITOR FOR COMPRESSOR/FAN
RS	ROLLOUT SWITCH
TR	TRANSFORMER
VM	VENT MOTOR
VMR	VENT MOTOR RELAY

FACTORY WIRING

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

FIELD WIRING

---	HIGH VOLTAGE
---	LOW VOLTAGE

WIRE CODE

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

NOTES

1. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL.(USE COPPER CONDUCTOR ONLY).
2. FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL(3) TO TERMINAL(2) ON TRANSFORMER.
3. CRANKCASE HEATER NOT SUPPLIED ON ALL UNITS.
4. FOR DIFFERENT THAN FACTORY SPEED TAP. CHANGE COOLING SPEED AT MOTOR T4 AND T5 TERMINALS. CHANGE HEATING SPEED AT MOTOR T1, T2 AND T3 TERMINALS.

COOLING SPEED (YELLOW WIRE)

T4 - LOW SPEED
T5 - HIGH SPEED

HEATING SPEED (WHITE WIRE)

T1 - LOW SPEED
T2 - MED. SPEED
T3 - HIGH SPEED

5. ACCESSORY ECONOMIZER PLUG (ON SELECT MODELS) ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT.
6. USE COOPER CONDUCTORS ONLY.
↑↑ USE NEC CLASS 2 WIRE.
7. L1 AND L2 ON ICC CONTROL IS 24V INPUT.

208-230/1/60

INSTALLER/SERVICEMAN

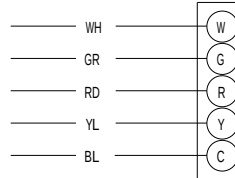
THE STATUS LIGHT ON THE FURNACE CONTROL MAY BE USED AS A GUIDE TO TROUBLESHOOTING THIS APPLIANCE. STATUS LIGHT CODES ARE AS FOLLOWS:

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

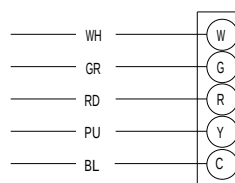
THERMOSTAT FIELD WIRING

++

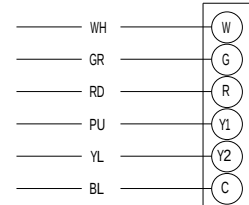
NO ECONOMIZER



WITH ECONOMIZER OPTION



2 STAGE COOLING



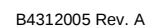
0140G00267

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

[A/G]PG1360*1A/AA**



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.



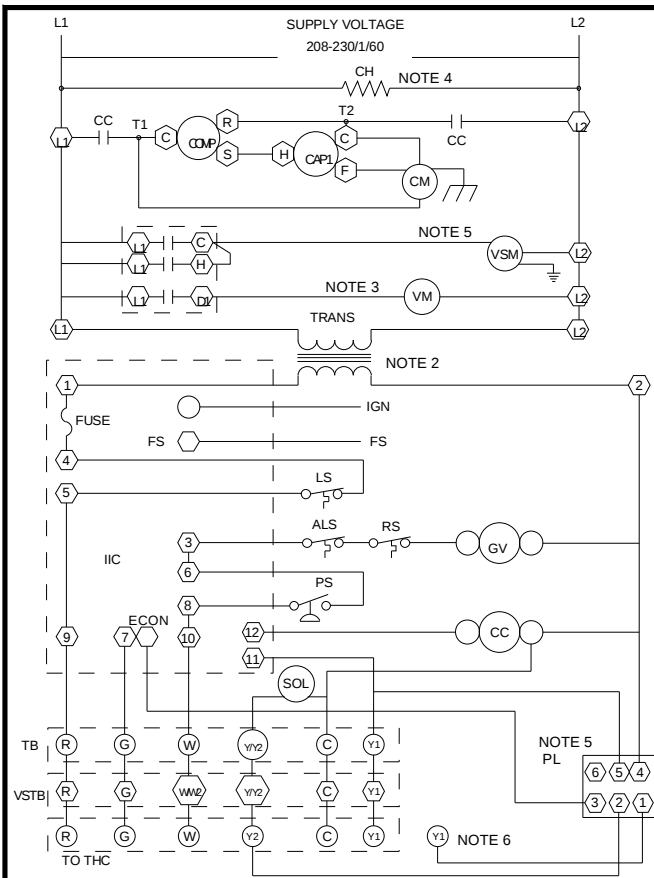
57



WARNING

HIGH VOLTAGE!

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



COMPONENT LEGEND

ALS AUXILIARY LIMIT SWITCH
CAP CAPACITOR
COMP COMPRESSOR
CM CONDENSER MOTOR
CC CONTACTOR
CH CRANKCASE HEATER
FS FLAME SENSOR
GV GAS VALVE
IIC INTEGRATED IGNITION CONTROL
IGN IGNITOR
LS LIMIT SWITCH
PL PLUG
PS PRESSURE SWITCH
RS ROLLOUT SWITCH
SOL SOLENOID (2 STAGE)
TB TERMINAL BLOCK
THC THERMOSTAT HEAT & COOL
TRANS TRANSFORMER
VM VENT MOTOR
VSM VAR. SPEED MOTOR
VSTB VARIABLE SPEED TERM. BLOCK

WIRE SPLICING
MARKED TERMINAL
UNMARKED TERMINAL
WIRING
LINE VOLTAGE
LOW VOLTAGE
FIELD INSTALLED POWER
FIELD INSTALLED CONTROL

WIRE CODE

B BLACK
BL BLUE
BR BROWN
G GREEN
O ORANGE
PK PINK
PU PURPLE
R RED
W WHITE
Y YELLOW

NOTES

- REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (USE COPPER CONDUCTOR ONLY).
- FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL (3) TO TERMINAL (2) ON TRANSFORMER.
- FOR 208 VENT MOTOR OPERATION CONNECT BLACK LEAD IN PLACE OF RED LEAD AT IIC (D1).
- CRANKCASE HEATER (OPTIONAL).
- ACCESSORY ECONOMIZER PLUG (ON SELECT MODELS) ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT.
- TWO STAGE THERMOSTAT CONNECTIONS IF USED WITH ECONOMIZER OPTION INSTALLED.

208-230/1/60

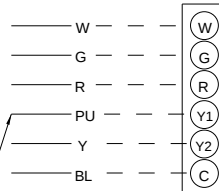
INSTALLER/SERVICEMAN

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

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

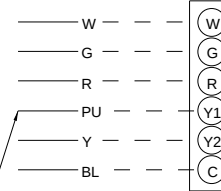
THC-FIELD WIRING

THC-NO ECONOMIZER



STRIPPED LEAD FROM TERMINAL BLOCK

THC-WITH ECONOMIZER



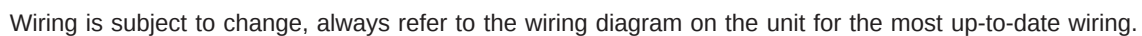
STRIPPED LEAD FROM ECON. PLUG

B4312005

[A/G]PG1360*1BA/BB**



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



WIRING DIAGRAMS

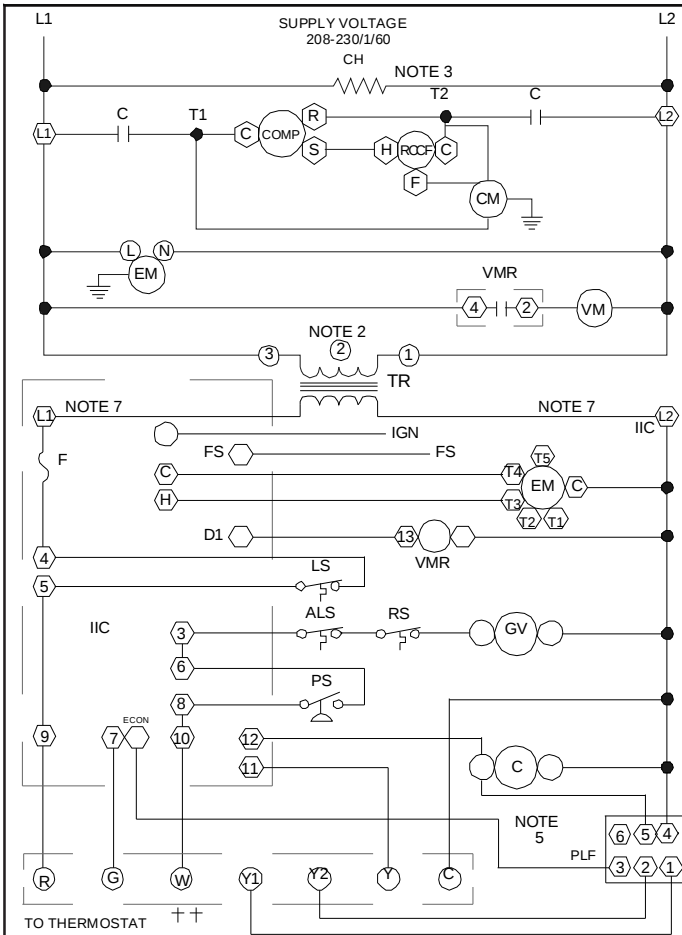
[A/G]PG1360***1BA/BB



WARNING

HIGH VOLTAGE!

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



COMPONENT LEGEND

ALS	AUXILIARY LIMIT SWITCH
COMP	COMPRESSOR
CM	CONDENSER MOTOR
C	CONTACTOR
CH	CRANKCASE HEATER
EM	EVAPORATOR MOTOR
F	FUSE
FS	FLAME SENSOR
GND	EQUIPMENT GROUND
GV	GAS VALVE
IIC	INTEGRATED IGNITION CONTROL
IGN	IGNITOR
LS	LIMIT SWITCH
PLF	FEMALE PLUG/CONNECTOR
PS	PRESSURE SWITCH
RCCF	RUN CAPACITOR FOR COMPRESSOR/FAN
RS	ROLLOUT SWITCH
TR	TRANSFORMER
VM	VENT MOTOR
VMR	VENT MOTOR RELAY

FACTORY WIRING

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

FIELD WIRING

---	HIGH VOLTAGE
---	LOW VOLTAGE

WIRE CODE

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

NOTES

- REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL (USE COPPER CONDUCTOR ONLY).
- FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL (3) TO TERMINAL (2) ON TRANSFORMER.
- CRANKCASE HEATER NOT SUPPLIED ON ALL UNITS.
- FOR DIFFERENT THAN FACTORY SPEED TAP, CHANGE COOLING SPEED AT MOTOR T4 AND T5 TERMINALS. CHANGE HEATING SPEED AT MOTOR T1, T2 AND T3 TERMINALS.

COOLING SPEED (YELLOW WIRE)

T4 - LOW SPEED
T5 - HIGH SPEED

HEATING SPEED (WHITE WIRE)

T1 - LOW SPEED
T2 - MED. SPEED
T3 - HIGH SPEED

- ACCESSORY ECONOMIZER PLUG (ON SELECT MODELS) ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT.
- USE COOPER CONDUCTORS ONLY.

- USE NEC CLASS 2 WIRE.
- L1 AND L2 ON ICC CONTROL IS 24V INPUT.

208-230/1/60

INSTALLER/SERVICEMAN

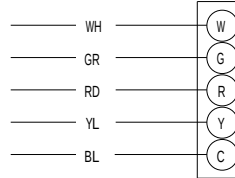
THE STATUS LIGHT ON THE FURNACE CONTROL MAY BE USED AS A GUIDE TO TROUBLESHOOTING THIS APPLIANCE. STATUS LIGHT CODES ARE AS FOLLOWS:

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

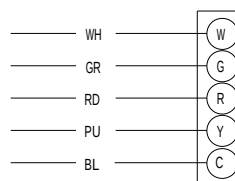
THERMOSTAT FIELD WIRING

++

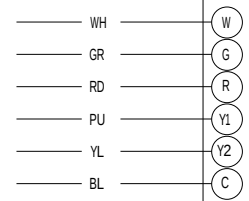
NO ECONOMIZER



WITH ECONOMIZER OPTION



2 STAGE COOLING



0140G00267

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