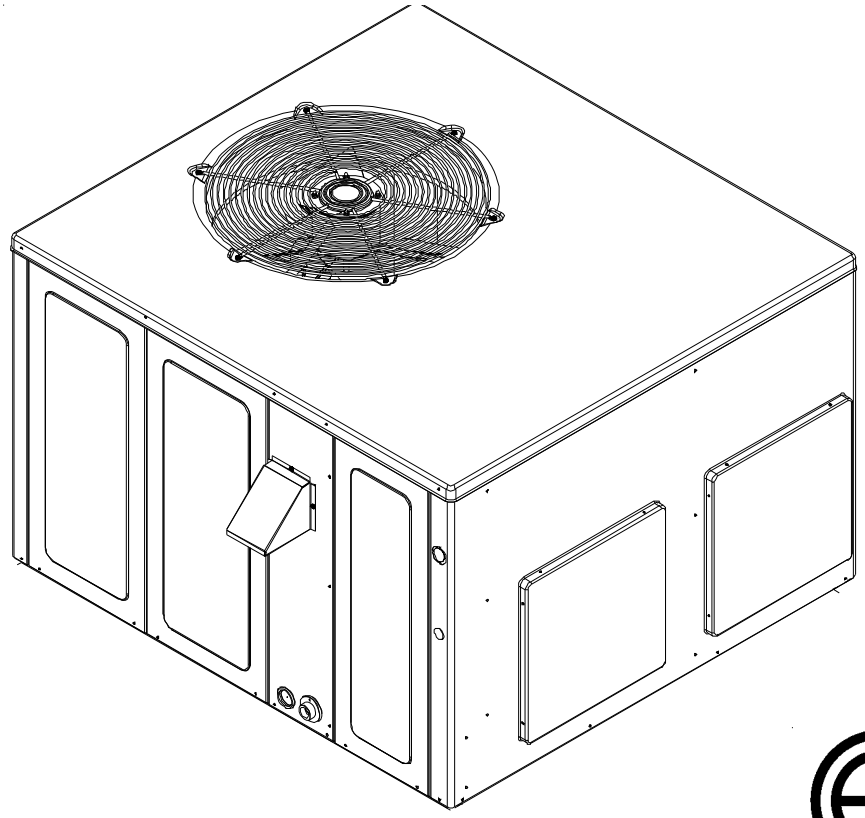
TECHNICAL MANUAL

*PG10
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.

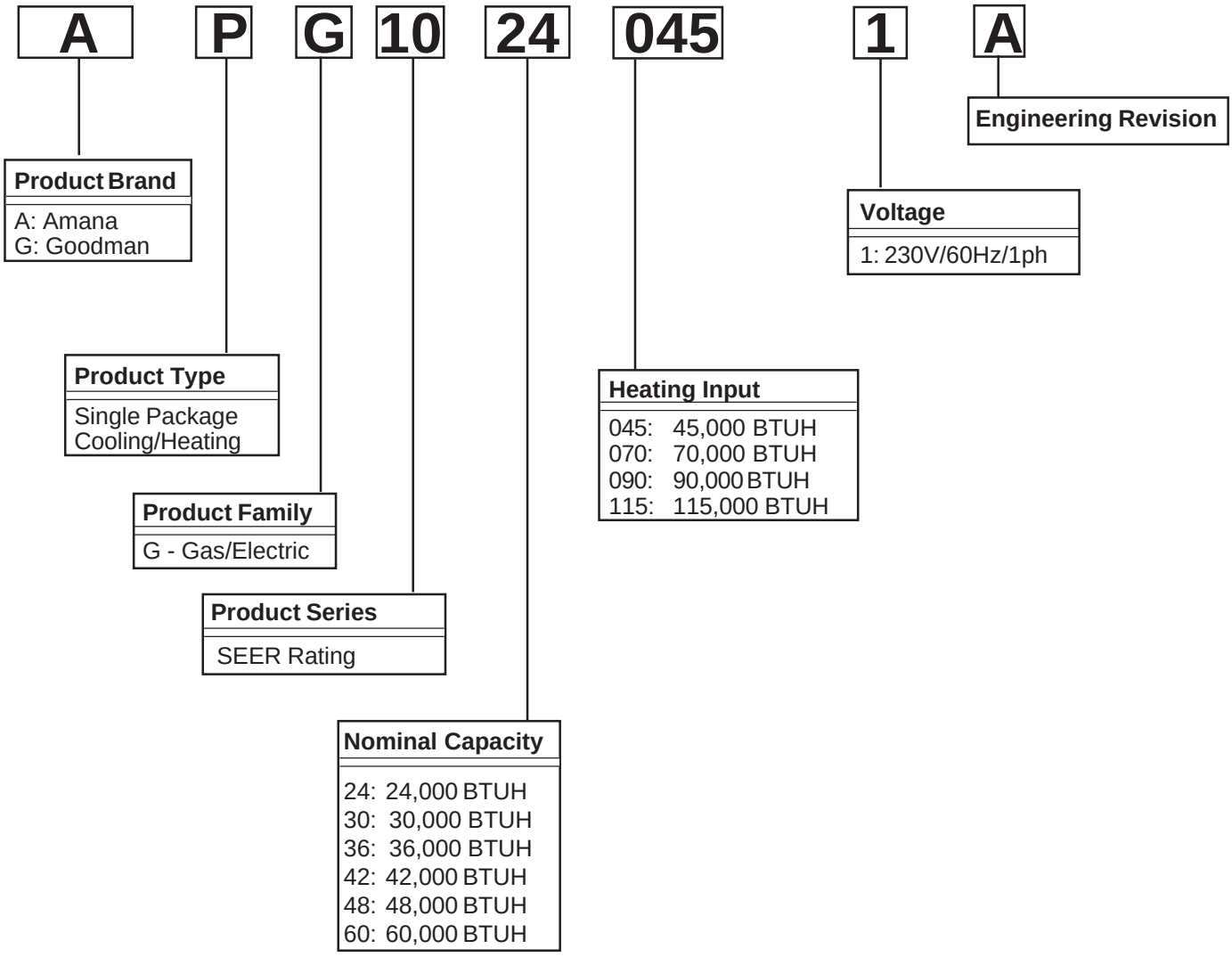


This manual is to be used by qualified, professionally trained HVAC technicians only. Goodman does not assume any responsibility for property damage or personal injury due to improper service procedures or services performed by an unqualified person.

RT6311004 Rev. 4
February 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.

APG10240451A	GPG10240451A
APG10240701A	GPG10240701A
APG10300701A	GPG10300701A
APG10360701A	GPG10360701A
APG10360901A	GPG10360901A
APG10420701A	GPG10420701A
APG10420901A	GPG10420901A
APG10480901A	GPG10480901A
APG10481151A	GPG10481151A
APG10600901A	GPG10600901A
APG10601401A	GPG10601401A

⚠ 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

*PG10 Package Gas Units are designed for outdoor installations only in either residential or light commercial applications.

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

A return air filter must be installed behind the return air grille(s) or provision must be made for a filter in an accessible location within the return air duct. The minimum filter area should not be less than those sizes listed in the Specification Section. Under no circumstances should the unit be operated without return air filters.

A 3/4" 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.

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 capacitor type motors.

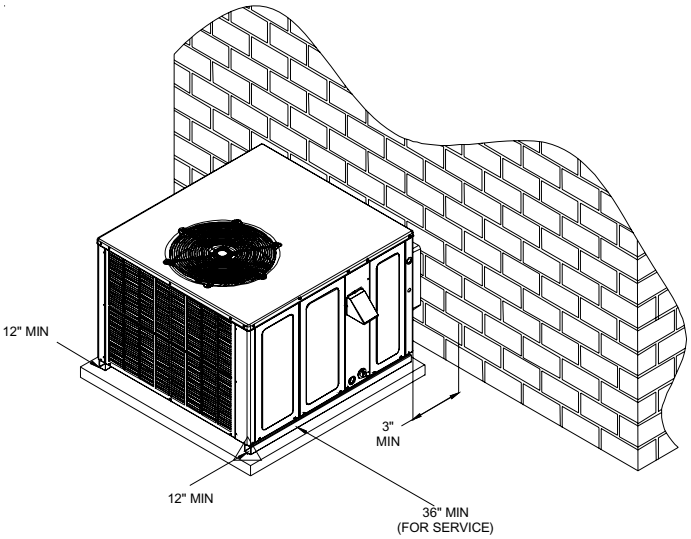
Air for condensing (cooling cycle) or evaporation (heating cycle) is drawn through the outdoor coil by a propeller fan, and is discharged vertically out the top of the unit. The outdoor coil is designed for .0 static. No additional restriction (ductwork) shall be applied.

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 *PG10 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.

Location and Clearances



In installations where the unit is installed above ground level and not serviceable from the ground (Example: Roof Top installations) the installer must provide service platform for service person with rails or guards in accordance with local codes or ordinances or in their absence with the latest edition of the National Fuel Gas Code ANSIZ223.1.

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

⚠ WARNING

TO PREVENT POSSIBLE PROPERTY DAMAGE, THE UNIT SHOULD REMAIN IN AN UPRIGHT POSITION DURING ALL RIGGING AND MOVING OPERATIONS. TO FACILITATE LIFTING AND MOVING IF A CRANE IS USED, PLACE THE UNIT IN AN ADEQUATE CABLE SLING.

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

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

PRODUCT DESIGN

High Altitude Derate

When this package unit is installed at high altitude, the appropriate High Altitude orifice kit must be installed. This is required due to the natural reduction in the density of both the gas fuel and combustion air as altitude increases. The 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 HA02. The HA-02 kit is used for both Natural and LP gas (it contains Natural and LP orifices). 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.

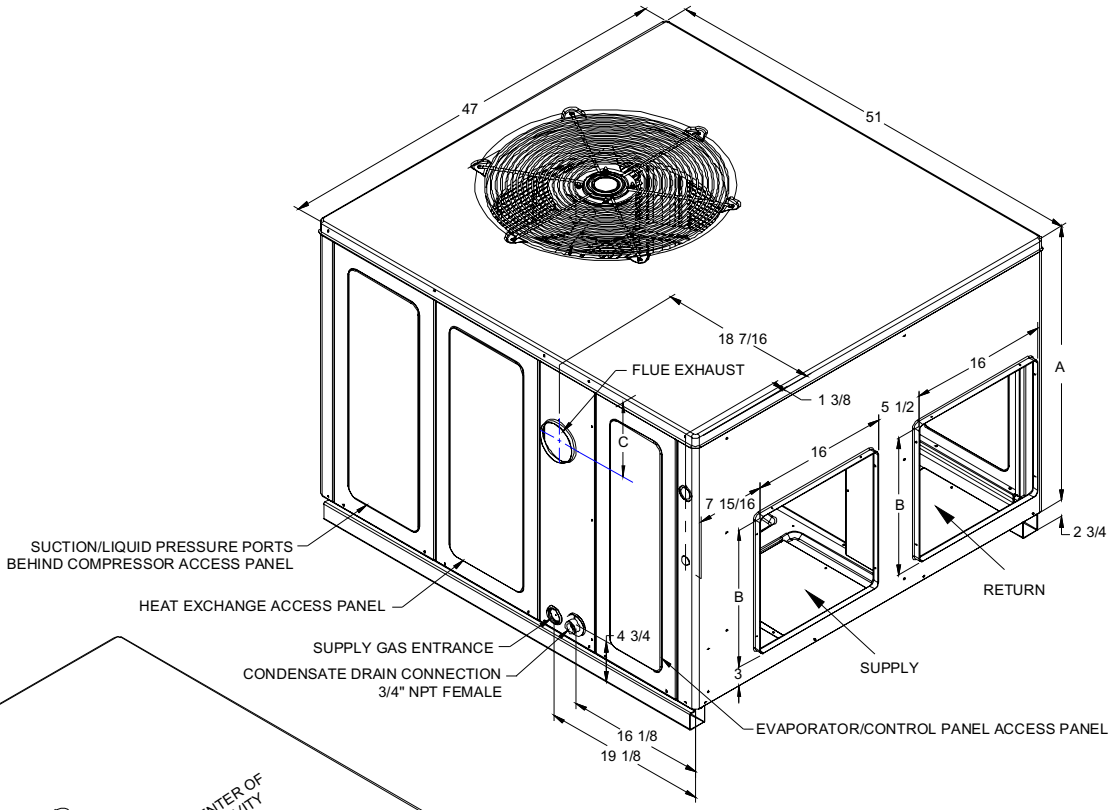
NATURAL GAS AND LP GAS INSTALLATIONS AT ALTITUDES > 2000 F

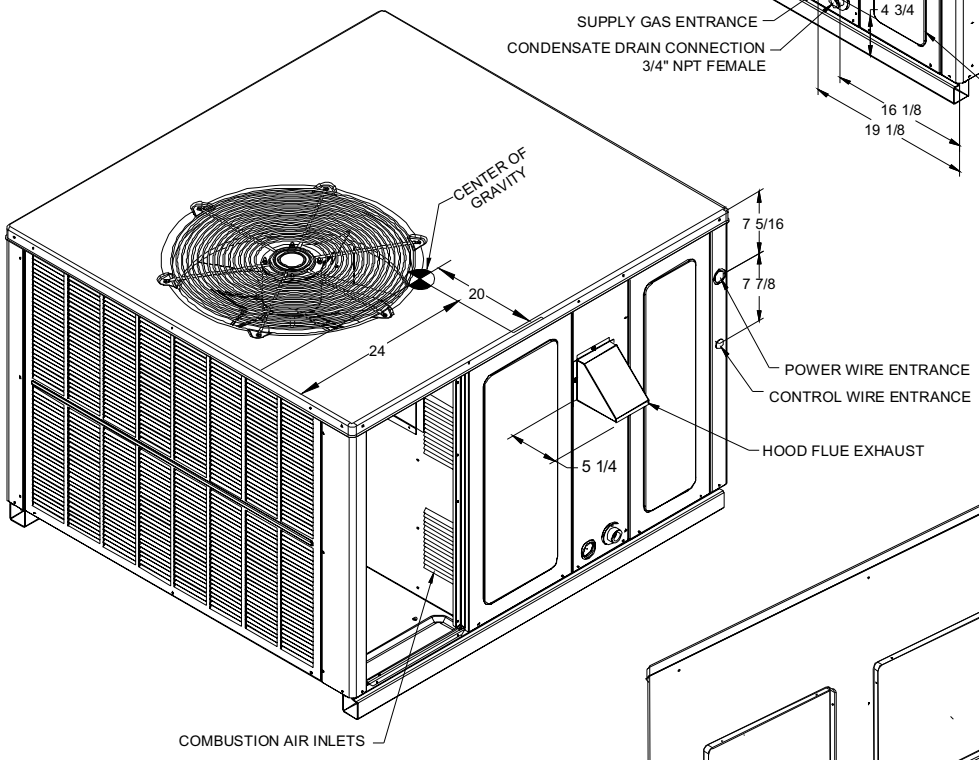
INPUT/BURNER	HIGH ALTITUDE KIT	20,000 BTUH NAT/20,OOO BTUH/L.P.							
		ELEVATION ABOVE SEA-LEVEL (FEET)							
		2000	3000	4000	4500	5000	6000	7000	8000
U.S. BURNER ORIFICE	HA-02	45/55	47/55	47/56	-	47/56	48/57	48/58	49/58
CANADA BURNER ORIFICE		45/55	-	-	48/57	-	-	-	-

INPUT/BURNER	HIGH ALTITUDE KIT	22,500 BTUH NAT/20,OOO 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	-	-	-	-

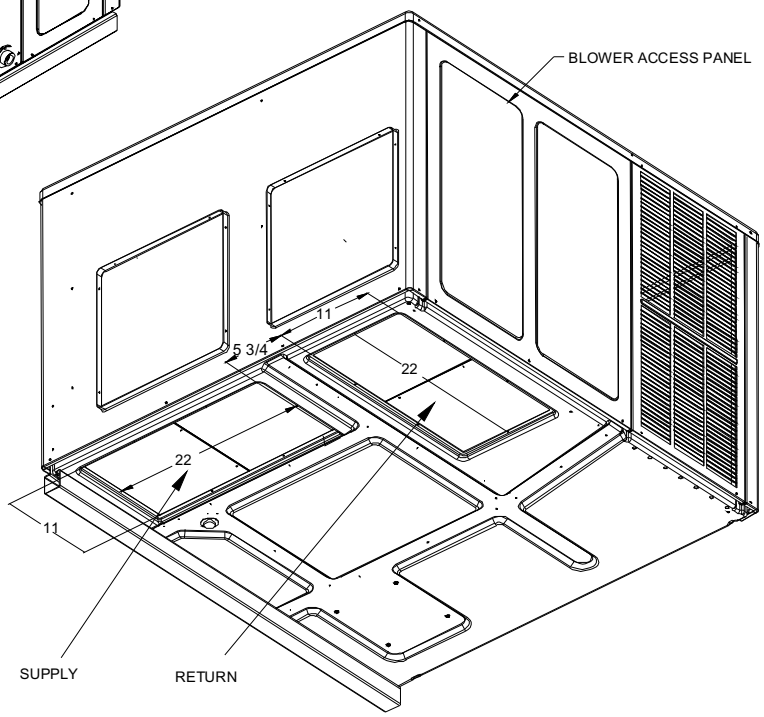
INPUT/BURNER	HIGH ALTITUDE KIT	25,000 BTUH NAT/20,OOO BTUH/L.P.							
		ELEVATION ABOVE SEA-LEVEL (FEET)							
		2000	3000	4000	4500	5000	6000	7000	8000
U.S. BURNER ORIFICE	HA-02	43/55	43/55	44/56	-	44/56	44/56	45/57	45/57
CANADA BURNER ORIFICE		43/55	-	-	46/57	-	-	-	-

PRODUCT DIMENSIONS





DIMENSION (INCHES)	SMALL	MEDIUM	LARGE
A	27	32	40
B	16	16	18
C	7 1/2	9 1/2	14



SMALL CHASSIS

*PG1024 & *PG1030

MEDIUM CHASSIS

*PG1036 & *PG1042

LARGE CHASSIS

*PG1048 & *PG1060

PACKAGE COOLING SPECIFICATIONS SINGLE PHASE

		*PG10240451A	*PG10240701A	*PG10300701A	*PG10360701A
COOLING	COOLING CAPACITY, BTUH	24,000	24,000	29,000	35,200
CAPACITY	SEER	10.00	10.00	10.00	10.00
	HEATING INPUT BTUH (U.S. & CANADIAN)	46,000	69,000	69,000	69,000
HEATING	HEATING OUTPUT BTUH (U.S. & CANADIAN)	36,700	55,000	55,000	55,000
CAPACITY	AFUE (%)	80	80	80	80
	TEMPERATURE RISE (°F)	30 - 60	35 - 65	35 - 65	35 - 65
UNIT	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
ELECTRICAL	UNIT AMPS (TOTAL)	11.3	11.3	14.9	18.5
SPECIFICATION	MINIMUM CIRCUIT AMPACITY	15.3	15.3	20.2	22.6
	MAXIMUM OVERCURRENT PROTECTION [3]	20	20	30	30
HEATING	NUMBER OF BURNERS	2	2	3	3
SECTION	ORIFICE SIZE NATURAL	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55
COMPRESSOR	TYPE	RECIP	RECIP	RECIP	RECIP
	RATED LOAD AMPS	9.8	9.8	13.7	14.9
	LOCKED ROTOR AMPS	56	56	75	96
CONDENSER	HORSEPOWER	1/6	1/6	1/6	1/4
FAN MOTOR	RPM	1075	1075	1075	1075
	FULL LOAD AMPS	1.1	1.1	1.1	1.8
	LOCKED ROTOR AMPS	1.8	1.8	1.8	3.8
CONDENSER	BLADE DIAMETER (INCHES) / NUMBER OF BLADES	22/3	22/3	22/3	22/3
FAN	CFM	2400	2400	2400	2700
CONDENSER	FACE AREA - SQ. FT.	7.8	7.8	7.8	12.4
COIL	NUMBER OF ROWS	1	1	1	1
	FINS PER INCH	19	19	19	19
EVAPORATOR	HORSEPOWER - NO. OF SPEEDS	1/3 - 4	1/3 - 4	1/3 - 4	1/3 - 4
BLOWER	FULL LOAD AMPS	1.9	1.9	1.9	2.1
MOTOR	LOCKED ROTOR AMPS	3.6	3.6	3.6	3.6
	MOTOR SPEED TAP - COOLING	Low	Low	Med-Lo	Med-Hi
	RPM / AMPS	885/1.2	885/1.2	965/1.5	1040/1.8
EVAPORATOR	DIAMETER X WIDTH (INCHES)	10" x 8"	10" x 8"	10" x 8"	10" x 9"
BLOWER	RATED SCFM COOLING	850	850	1050	1290
	MAX EXTERNAL STATIC PRESS ('w.c.)	0.5	0.5	0.5	0.5
EVAPORATOR	FACE AREA - SQ. FT.	3.67	3.67	3.67	4.33
COIL	NUMBER OF ROWS	2	2	2	2
	FINS PER INCH	14	14	14	14
	FILTER SIZE - SQ. FT. [2]	2.80	2.80	3.50	4.20
	DRAIN SIZE (INCHES)	3/4"	3/4"	3/4"	3/4"
HEATING	PRIMARY LIMIT SETTING (°F)	150	150	150	170
LIMITS	AUXILIARY LIMIT SETTING (°F)	150	150	150	150
	ROLLOUT LIMIT SETTING (°F)	300	300	300	300
GENERAL	EXPANSION DEVICE	ORIFICE	ORIFICE	ORIFICE	ORIFICE
INFORMATION	REFRIGERANT CHARGE R-22 (Oz.)	50	50	50	75
	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.	386	391	397	445
	OPERATING WEIGHT LBS.	364	369	375	423

[1] Units installed in Canada are certified only to 4500 feet.

[2] Calculated external filter size based on air velocity of 300 ft/min.

[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 SINGLE PHASE

		*PG10360901A	*PG10420701A	*PG10420901A	*PG10480901A
COOLING	COOLING CAPACITY, BTUH	35,200	40,000	40,000	40,000
CAPACITY	SEER	10.00	10.00	10.00	10.00
	HEATING INPUT BTUH (U.S. & CANADIAN)	92,000	69,000	92,000	92,000
HEATING	HEATING OUTPUT BTUH (U.S. & CANADIAN)	72,900	55,000	72,900	72,900
CAPACITY	AFUE (%)	80	80	80	80
	TEMPERATURE RISE (°F)	45 - 75	35 - 65	45 - 75	45 - 75
UNIT	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
ELECTRICAL	UNIT AMPS (TOTAL)	18.5	19.5	19.5	23.2
SPECIFICATION	MINIMUM CIRCUIT AMPACITY	22.6	24.7	24.7	31.5
	MAXIMUM OVERCURRENT PROTECTION [3]	30	40	40	50
HEATING	NUMBER OF BURNERS	3	3	3	4
SECTION	ORIFICE SIZE NATURAL	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55
COMPRESSOR	TYPE	RECIP	RECIP	RECIP	RECIP
	RATED LOAD AMPS	14.9	16.2	16.2	19.5
	LOCKED ROTOR AMPS	96	96	96	102
CONDENSER	HORSEPOWER	1/4	1/4	1/4	1/3
FAN MOTOR	RPM	1075	1075	1075	1075
	FULL LOAD AMPS	1.8	1.8	1.8	2.4
	LOCKED ROTOR AMPS	3.8	3.8	3.8	5.2
CONDENSER	BLADE DIAMETER (INCHES) / NUMBER OF BLADES	22/3	22/3	22/3	22/3
FAN	CFM	2700	2700	2700	3500
CONDENSER	FACE AREA - SQ. FT.	12.4	12.4	12.4	15.3
COIL	NUMBER OF ROWS	1	1	1	1
	FINS PER INCH	19	19	19	19
EVAPORATOR	HORSEPOWER - NO. OF SPEEDS	1/3 - 4	3/4 - 4	3/4 - 4	3/4 - 4
BLOWER	FULL LOAD AMPS	2.1	2.6	2.6	4.7
MOTOR	LOCKED ROTOR AMPS	3.6	5	5.2	12.2
	MOTOR SPEED TAP - COOLING	Med-Hi	Med	Med	Med
	RPM / AMPS	1,040/1.8	940/2.5	940/2.5	990/3.1
EVAPORATOR	DIAMETER X WIDTH (INCHES)	10" x 9"	11" x 10"	11" x 10"	11" x 10"
BLOWER	RATED SCFM COOLING	1250	1425	1425	1525
	MAX EXTERNAL STATIC PRESS ('w.c.)	0.5	0.5	0.5	0.5
EVAPORATOR	FACE AREA - SQ. FT.	4.33	4.33	4.33	5.67
COIL	NUMBER OF ROWS	2	4	4	4
	FINS PER INCH	14	14	14	14
	FILTER SIZE - SQ. FT. [2]	4.20	4.8	4.8	5.1
	DRAIN SIZE (INCHES)	3/4"	3/4"	3/4"	3/4"
HEATING	PRIMARY LIMIT SETTING (°F)	160	160	160	160
LIMITS	AUXILIARY LIMIT SETTING (°F)	150	150	150	150
	ROLLOUT LIMIT SETTING (°F)	300	300	300	300
GENERAL	PISTON EXPANSION DEVICE	ORIFICE	ORIFICE	ORIFICE	ORIFICE
INFORMATION	REFRIGERANT CHARGE R-22 (Oz.)	75	88	88	98
	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.	450	459	464	518
	OPERATING WEIGHT LBS.	428	437	442	496

[1] Units installed in Canada are certified only to 4500 feet.

[2] Calculated external filter size based on air velocity of 300 ft/min.

[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.

BLOWER PERFORMANCE DATA SINGLE PHASE

		*PG10481151A	*PG10600901A	*PG10600901A
COOLING CAPACITY	COOLING CAPACITY, BTUH	47,000	56,000	56,000
	SEER	10.00	10.00	10.00
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	115,000	92,000	138,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	91,200	72,900	110,200
	AFUE (%)	80	80	80
	TEMPERATURE RISE (°F)	45 - 75	45 - 75	45 - 75
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208-230/1/60	208-230/1/60	208-230/1/60
	UNIT AMPS (TOTAL)	23.2	29.6	29.6
	MINIMUM CIRCUIT AMPACITY	31.5	40.3	40.3
	MAXIMUM OVERCURRENT PROTECTION [3]	50	60	60
HEATING SECTION	NUMBER OF BURNERS	5	4	6
	ORIFICE SIZE NATURAL	43	43	43
	ORIFICE SIZE LP	55	55	55
COMPRESSOR	TYPE	RECIP	SCROLL	SCROLL
	RATED LOAD AMPS	19.5	26.5	26.5
	LOCKED ROTOR AMPS	102	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) / NUMBER OF BLADES	22/3	22/3	22/3
	CFM	3500	3500	3500
CONDENSER COIL	FACE AREA - SQ. FT.	15.3	15.3	15.3
	NUMBER OF ROWS	1	1	1
	FINS PER INCH	19	19	19
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	3/4 - 4	3/4 - 4	3/4 - 4
	FULL LOAD AMPS	4.7	4.7	4.7
	LOCKED ROTOR AMPS	12.2	12.2	12.2
	MOTOR SPEED TAP - COOLING	Med	High	High
	RPM / AMPS	990/3.1	1,080/4.7	1,080/4.7
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	11" x 10"	11" x 10"	11" x 10"
	RATED SCFM COOLING	1525	1950	1950
	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	6.2	6.2
	DRAIN SIZE (INCHES)	3/4"	3/4"	3/4"
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	160	160	160
	AUXILIARY LIMIT SETTING (°F)	150	150	150
	ROLLOUT LIMIT SETTING (°F)	300	300	300
GENERAL INFORMATION	PISTON EXPANSION DEVICE	ORIFICE	ORIFICE	ORIFICE
	REFRIGERANT CHARGE R-22 (Oz.)	98	100	100
	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.	525	534	548
	OPERATING WEIGHT LBS.	503	512	526

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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

*PG10240451A								
UNIT	LOW		MED		MED-HIGH		HIGH	
STATIC	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	935	36	1149	29	1347	25	1436	23
0.2	903	37	1111	30	1292	26	1365	24
0.3	853	39	1054	32	1233	27	1301	26
0.4	831	40	1011	33	1156	29	1227	27
0.5	780	43	954	35	1099	30	1149	29
0.6	717	46	890	37	1014	33	1065	31
0.7	665	50	824	40	939	35	981	34
0.8	575	58	737	45	835	40	895	37

*PG10240701A, *PG10300701A								
UNIT	LOW		MED		MED-HIGH		HIGH	
STATIC	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	935	55	1149	45	1347	38	1436	36
0.2	903	57	1111	47	1292	40	1365	38
0.3	853	61	1054	49	1233	42	1301	40
0.4	831	62	1011	51	1156	45	1227	42
0.5	780	66	954	54	1099	47	1149	45
0.6	717	72	890	58	1014	51	1065	49
0.7	665	78	824	63	939	55	981	53
0.8	575	90	737	70	835	62	895	58

*PG10360701A								
UNIT	LOW		MED		MED-HIGH		HIGH	
STATIC	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	980	53	1200	43	1365	38	1420	37
0.2	950	55	1145	45	1310	40	1350	38
0.3	920	56	1095	47	1225	42	1270	41
0.4	850	61	1015	51	1145	45	1175	44
0.5	-	-	940	55	1055	49	1090	48
0.6	-	-	850	61	950	55	995	52
0.7	-	-	-	-	835	62	875	59
0.8	-	-	-	-	-	-	-	-

*PG10360901A								
UNIT	LOW		MED		MED-HIGH		HIGH	
STATIC	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	980	68	1200	56	1365	49	1420	47
0.2	950	70	1145	58	1310	51	1350	49
0.3	920	72	1095	61	1225	54	1270	52
0.4	850	78	1015	66	1145	58	1175	57
0.5	-	-	940	71	1055	63	1090	61
0.6	-	-	850	78	950	70	995	67
0.7	-	-	-	-	835	80	875	76
0.8	-	-	-	-	-	-	-	-

NOTES:

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

*PG10420701A						
UNIT	LOW		MED		HIGH	
STATIC	CFM	RISE	CFM	RISE	CFM	RISE
0.1	-	-	-	-	-	-
0.2	1180	44	1425	36	1610	32
0.3	1140	45	1365	38	1545	34
0.4	1085	48	1310	40	1480	35
0.5	1025	51	1245	42	1385	37
0.6	970	53	1175	44	1325	39
0.7	-	-	1095	47	1250	41
0.8	-	-	1000	52	1145	45

*PG10420901A						
UNIT	LOW		MED		HIGH	
STATIC	CFM	RISE	CFM	RISE	CFM	RISE
0.1	-	-	-	-	-	-
0.2	1180	56	1425	47	1610	41
0.3	1140	58	1365	49	1545	43
0.4	1085	61	1310	51	1480	45
0.5	1025	65	1245	54	1385	48
0.6	970	69	1175	57	1325	50
0.7	-	-	1095	61	1250	53
0.8	-	-	1000	67	1145	58

*PG10480901A, *PG10600901A						
UNIT	LOW		MED		HIGH	
STATIC	CFM	RISE	CFM	RISE	CFM	RISE
0.1	1437	46	1718	39	2287	29
0.2	1415	47	1662	40	2212	30
0.3	1379	48	1633	41	2149	31
0.4	1347	49	1579	42	2077	32
0.5	1305	51	1517	44	1986	34
0.6	1258	53	1445	46	1897	35
0.7	1186	56	1383	48	1798	37
0.8	1124	59	1296	51	1697	39

*PG10481151A						
UNIT	LOW		MED		HIGH	
STATIC	CFM	RISE	CFM	RISE	CFM	RISE
0.1	1437	59	1718	50	2287	37
0.2	1415	60	1662	51	2212	39
0.3	1379	62	1633	52	2149	40
0.4	1347	63	1579	54	2077	41
0.5	1305	65	1517	56	1986	43
0.6	1258	68	1445	59	1897	45
0.7	1186	72	1383	62	1798	47
0.8	1124	76	1296	66	1697	50

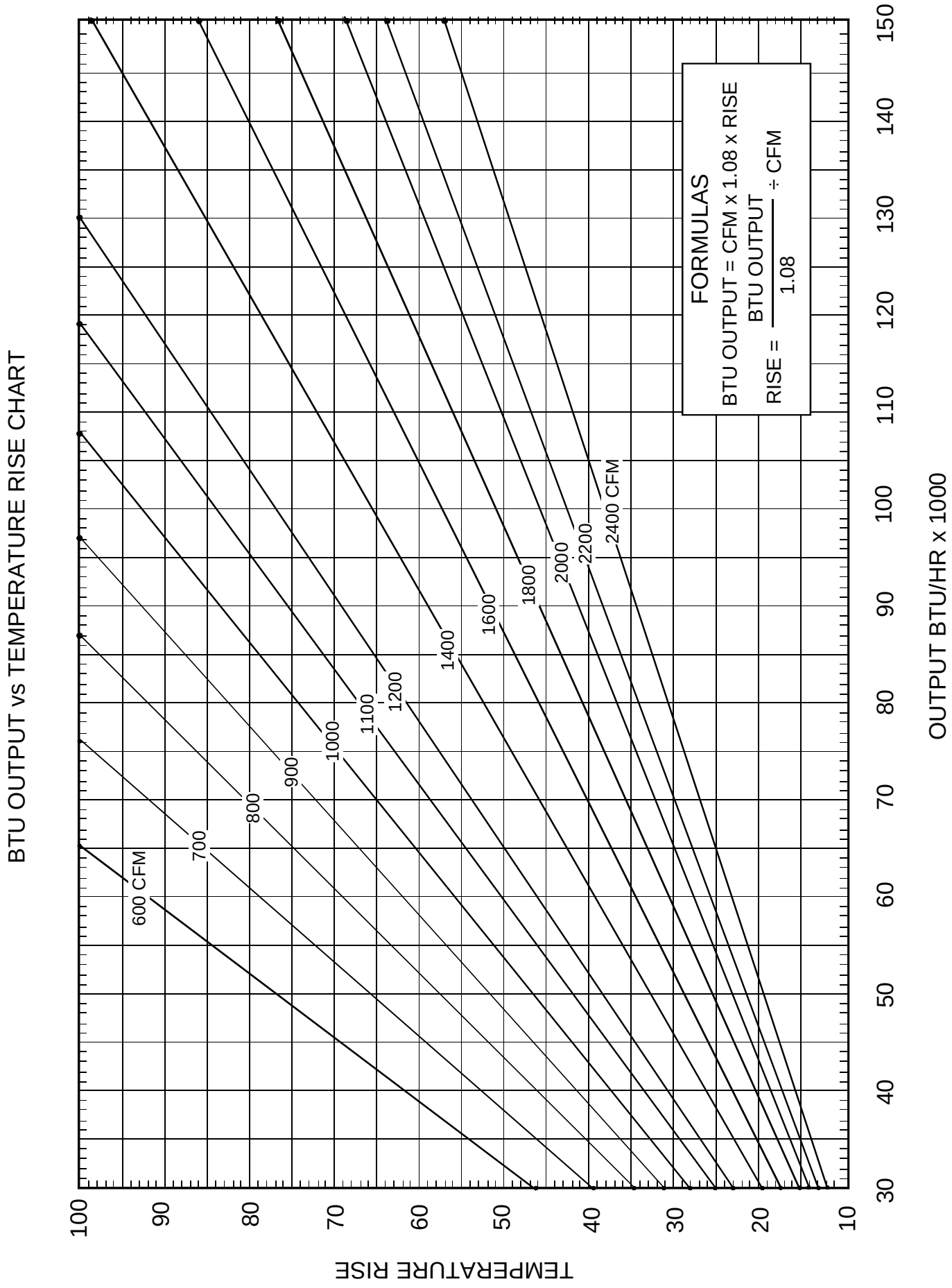
*PG10601401A						
UNIT	LOW		MED		HIGH	
STATIC	CFM	RISE	CFM	RISE	CFM	RISE
0.1	1437	72	1718	60	2287	45
0.2	1415	73	1662	62	2212	47
0.3	1379	75	1633	64	2149	48
0.4	1347	77	1579	66	2077	50
0.5	1305	79	1517	68	1986	52
0.6	1258	82	1445	72	1897	55
0.7	1186	87	1383	75	1798	58
0.8	1124	92	1296	80	1697	61

* NR Not Recommended

NOTES:

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

BLOWER PERFORMANCE DATA



EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1024*1A**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	900	MBh	23.1	23.9	26.2	-	22.5	23.3	25.6	-	22.0	22.8	25.0	-	21.5	22.2	24.4	-	20.4	21.1	23.1	-	18.9	19.6	21.4	-
		S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-
		Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		KW	2.04	2.08	2.14	-	2.19	2.23	2.30	-	2.32	2.37	2.44	-	2.43	2.49	2.56	-	2.53	2.59	2.67	-	2.62	2.67	2.76	-
		AMPS	8.8	8.9	9.2	-	9.3	9.5	9.8	-	10.0	10.2	10.5	-	10.6	10.8	11.1	-	11.2	11.4	11.7	-	11.7	12.0	12.3	-
		HI PR	158	170	180	-	178	191	202	-	202	217	230	-	230	248	261	-	259	279	294	-	286	308	325	-
		LO PR	62	66	72	-	65	69	76	-	68	72	79	-	71	76	83	-	75	79	87	-	77	82	90	-
	850	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	-
		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	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		KW	2.04	2.08	2.14	-	2.18	2.23	2.30	-	2.31	2.36	2.44	-	2.43	2.48	2.56	-	2.53	2.58	2.66	-	2.61	2.67	2.75	-
		AMPS	8.7	8.9	9.1	-	9.3	9.5	9.8	-	10.0	10.2	10.5	-	10.6	10.8	11.1	-	11.1	11.4	11.7	-	11.7	11.9	12.3	-
		HI PR	158	170	179	-	177	191	201	-	201	217	229	-	229	247	261	-	258	278	293	-	285	307	324	-
		LO PR	61	65	71	-	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-
	700	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	-
		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	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-
		KW	1.99	2.03	2.09	-	2.13	2.18	2.24	-	2.26	2.31	2.38	-	2.37	2.42	2.50	-	2.47	2.52	2.60	-	2.55	2.60	2.68	-
		AMPS	8.5	8.7	8.9	-	9.1	9.3	9.5	-	9.7	9.9	10.2	-	10.3	10.5	10.8	-	10.9	11.1	11.4	-	11.4	11.7	12.0	-
		HI PR	153	165	174	-	172	185	195	-	195	210	222	-	223	239	253	-	250	269	284	-	277	298	314	-
		LO PR	60	63	69	-	63	67	73	-	65	70	76	-	69	73	80	-	72	77	84	-	75	79	87	-
75	900	MBh	23.5	24.1	26.1	28.1	22.9	23.6	25.5	27.4	22.4	**23.0**	24.9	26.7	21.8	22.5	24.3	26.1	20.7	21.3	23.1	24.8	19.2	19.8	21.4	23.0
		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	20	19	15	11	21	19	16	11	21	**19**	16	11	21	19	16	11	21	19	16	11	19	18	15	10
		KW	2.06	2.10	2.16	2.23	2.21	2.25	2.32	2.39	2.34	**2.39**	2.46	2.54	2.45	2.51	2.58	2.67	2.55	2.61	2.69	2.78	2.64	2.69	2.78	2.87
		AMPS	8.8	9.0	9.2	9.5	9.4	9.6	9.9	10.2	10.1	**10.3**	10.6	10.9	10.7	10.9	11.2	11.6	11.2	11.5	11.8	12.2	11.8	12.1	12.4	12.8
		HI PR	160	172	182	190	179	193	204	213	204	**220**	232	242	232	250	264	275	261	281	297	310	289	311	328	342
		LO PR	62	66	72	77	66	70	76	81	68	**73**	79	85	72	76	83	89	75	80	87	93	78	83	90	96
	850	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	0.84	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	21	19	16	11	21	20	16	11	21	**20**	16	11	21	20	16	11	21	20	16	11	20	18	15	10
		KW	2.05	2.09	2.16	2.22	2.20	2.25	2.31	2.39	2.33	**2.38**	2.45	2.53	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	8.8	9.0	9.2	9.5	9.4	9.6	9.8	10.1	10.1	**10.3**	10.6	10.9	10.6	10.9	11.2	11.5	11.2	11.5	11.8	12.2	11.8	12.0	12.4	12.8
		HI PR	159	172	181	189	179	193	203	212	203	**219**	231	241	232	249	263	275	261	281	296	309	288	310	327	341
		LO PR	62	66	72	77	66	70	76	81	68	**73**	79	84	72	76	83	89	75	80	87	93	78	83	90	96
	700	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	0.81	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	2.01	2.05	2.11	2.17	2.15	2.19	2.26	2.33	2.28	**2.33**	2.40	2.47	2.39	2.44	2.52	2.60	2.49	2.54	2.62	2.70	2.57	2.62	2.71	2.79
		AMPS	8.6	8.8	9.0	9.3	9.2	9.4	9.6	9.9	9.8	**10.0**	10.3	10.6	10.4	10.6	10.9	11.3	11.0	11.2	11.5	11.9	11.5	11.8	12.1	12.5
		HI PR	155	166	176	183	174	187	197	206	197	**212**	224	234	225	242	255	266	253	272	287	300	279	301	318	331
		LO PR	60	64	70	74	64	68	74	79	66	**70**	77	82	69	74	81	86	73	77	85	90	75	80	87	93

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

*PG1024***1A

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1024*1A**

IDB*	Airflow		Outdoor Ambient Temperature 65 / Entering Indoor Wet Bulb Temperature 59	63	67	71	75 / 59	63	67	71	85 / 59	63	67	71	95 / 59	63	67	71	105 / 59	63	67	71	115 / 59	63	67	71
80	900	MBh	23.9	24.4	26.1	27.9	23.3	23.8	25.5	27.2	22.8	23.3	24.8	26.6	22.2	22.7	24.2	25.9	21.1	21.6	23.0	24.6	19.5	20.0	21.3	22.8
		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
		Delta T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	16	22	22	19	15	20	20	18	14
		KW	2.07	2.11	2.18	2.24	2.22	2.27	2.34	2.41	2.36	2.41	2.48	2.56	2.47	2.53	2.61	2.69	2.57	2.63	2.71	2.80	2.66	2.72	2.80	2.89
		AMPS	8.9	9.1	9.3	9.6	9.5	9.7	9.9	10.2	10.2	10.4	10.7	11.0	10.7	11.0	11.3	11.7	11.3	11.6	11.9	12.3	11.9	12.2	12.5	13.0
		HI PR	162	174	184	191	181	195	206	215	206	222	234	244	235	253	267	278	264	284	300	313	292	314	332	346
		LO PR	63	67	73	78	66	71	77	82	69	73	80	85	73	77	84	90	76	81	88	94	79	84	91	97
	850	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
		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
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	21	18	15
		KW	2.07	2.11	2.17	2.24	2.22	2.26	2.33	2.41	2.35	2.40	2.47	2.55	2.47	2.52	2.60	2.68	2.57	2.62	2.71	2.79	2.65	2.71	2.80	2.89
		AMPS	8.9	9.0	9.3	9.6	9.5	9.6	9.9	10.2	10.1	10.3	10.6	11.0	10.7	10.9	11.3	11.6	11.3	11.6	11.9	12.3	11.9	12.1	12.5	12.9
		HI PR	161	173	183	191	181	194	205	214	206	221	234	244	234	252	266	277	263	283	299	312	291	313	331	345
		LO PR	63	67	73	78	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97
	700	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
		S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.95	0.77	0.58	1.02	0.95	0.78	0.58
		Delta T	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	26	24	21	17	24	23	20	16
		KW	2.02	2.06	2.12	2.19	2.17	2.21	2.28	2.35	2.30	2.34	2.42	2.49	2.41	2.46	2.54	2.62	2.51	2.56	2.64	2.72	2.59	2.64	2.73	2.82
		AMPS	8.7	8.8	9.1	9.4	9.2	9.4	9.7	10.0	9.9	10.1	10.4	10.7	10.5	10.7	11.0	11.3	11.0	11.3	11.6	12.0	11.6	11.9	12.2	12.6
		HI PR	156	168	178	185	175	189	199	208	199	215	227	236	227	244	258	269	255	275	290	303	282	304	321	335
		LO PR	61	65	71	75	64	68	75	79	67	71	78	83	70	75	81	87	74	78	85	91	76	81	88	94
85	900	MBh	24.3	24.8	25.9	27.7	23.7	24.2	25.3	27.0	23.2	23.6	24.7	26.4	22.6	23.0	24.1	25.7	21.5	21.9	22.9	24.4	19.9	20.3	21.2	22.6
		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	24	24	23	20	24	24	23	20	24	24	23	20	23	24	23	20	22	22	23	20	20	21	21	18
		KW	2.09	2.13	2.19	2.26	2.24	2.29	2.36	2.43	2.37	2.42	2.50	2.58	2.49	2.55	2.63	2.71	2.59	2.65	2.73	2.82	2.68	2.74	2.83	2.92
		AMPS	9.0	9.1	9.4	9.7	9.5	9.7	10.0	10.3	10.2	10.4	10.7	11.1	10.8	11.1	11.4	11.7	11.4	11.7	12.0	12.4	12.0	12.3	12.6	13.1
		HI PR	163	176	185	193	183	197	208	217	208	224	237	247	237	255	269	281	267	287	303	316	295	317	335	349
		LO PR	64	68	74	79	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	84	92	98
	850	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	0.96	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	25	25	23	20	25	25	24	20	25	25	24	20	24	25	24	21	23	23	23	20	21	22	22	19
		KW	2.08	2.13	2.19	2.26	2.24	2.28	2.35	2.42	2.37	2.42	2.49	2.57	2.49	2.54	2.62	2.70	2.59	2.64	2.73	2.82	2.67	2.73	2.82	2.91
		AMPS	8.9	9.1	9.4	9.6	9.5	9.7	10.0	10.3	10.2	10.4	10.7	11.1	10.8	11.0	11.3	11.7	11.4	11.6	12.0	12.4	12.0	12.2	12.6	13.0
		HI PR	163	175	185	193	183	196	207	216	208	223	236	246	236	254	269	280	266	286	302	315	294	316	334	348
		LO PR	63	67	74	78	67	71	78	83	70	74	81	86	73	78	85	90	77	81	89	95	79	84	92	98
	700	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
		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	27	27	25	22	27	27	25	22	27	27	26	22	27	27	26	22	26	26	25	22	24	24	24	20
		KW	2.04	2.08	2.14	2.20	2.18	2.23	2.30	2.37	2.31	2.36	2.43	2.51	2.43	2.48	2.56	2.64	2.53	2.58	2.66	2.75	2.61	2.67	2.75	2.84
		AMPS	8.7	8.9	9.1	9.4	9.3	9.5	9.8	10.1	10.0	10.2	10.5	10.8	10.6	10.8	11.1	11.4	11.1	11.4	11.7	12.1	11.7	11.9	12.3	12.7
		HI PR	158	170	179	187	177	191	201	210	201	217	229	239	229	247	261	272	258	278	293	306	285	307	324	338
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1030*1A**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1125	MBh	28.4	29.5	32.3	-	27.8	28.8	31.5	-	27.1	28.1	30.8	-	26.5	27.4	30.0	-	25.1	26.1	28.5	-	23.3	24.1	26.4	-
		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	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
		KW	2.59	2.64	2.72	-	2.78	2.84	2.93	-	2.96	3.02	3.12	-	3.11	3.18	3.28	-	3.24	3.31	3.42	-	3.35	3.42	3.54	-
		AMPS	11.4	11.6	11.9	-	12.2	12.4	12.8	-	13.1	13.4	13.8	-	13.9	14.2	14.6	-	14.7	15.0	15.5	-	15.5	15.8	16.3	-
		HI PR	168	181	191	-	189	203	215	-	215	231	244	-	245	263	278	-	275	296	313	-	304	327	346	-
		LO PR	60	64	70	-	64	68	74	-	66	70	77	-	69	74	81	-	73	77	84	-	75	80	87	-
	1050	MBh	28.2	29.2	32.0	-	27.5	28.5	31.2	-	26.9	27.8	30.5	-	26.2	27.2	29.7	-	24.9	25.8	28.3	-	23.1	23.9	26.2	-
		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	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		KW	2.58	2.64	2.72	-	2.78	2.84	2.92	-	2.95	3.01	3.11	-	3.10	3.17	3.27	-	3.23	3.30	3.41	-	3.34	3.41	3.53	-
		AMPS	11.4	11.6	11.9	-	12.2	12.4	12.8	-	13.1	13.4	13.8	-	13.9	14.2	14.6	-	14.7	15.0	15.5	-	15.5	15.8	16.3	-
		HI PR	168	181	191	-	188	203	214	-	214	231	244	-	244	263	277	-	275	295	312	-	303	326	345	-
		LO PR	60	64	70	-	63	67	74	-	66	70	77	-	69	74	80	-	73	77	84	-	75	80	87	-
	875	MBh	26.0	26.9	29.5	-	25.4	26.3	28.8	-	24.8	25.7	28.1	-	24.2	25.1	27.5	-	23.0	23.8	26.1	-	21.3	22.1	24.2	-
		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	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
		KW	2.52	2.57	2.65	-	2.71	2.77	2.85	-	2.88	2.94	3.03	-	3.02	3.09	3.19	-	3.15	3.22	3.32	-	3.26	3.33	3.44	-
		AMPS	11.1	11.3	11.6	-	11.9	12.1	12.5	-	12.8	13.0	13.4	-	13.5	13.8	14.2	-	14.3	14.6	15.1	-	15.1	15.4	15.9	-
		HI PR	163	175	185	-	183	197	208	-	208	224	236	-	237	255	269	-	266	287	303	-	294	317	334	-
		LO PR	58	62	68	-	61	65	71	-	64	68	74	-	67	71	78	-	70	75	82	-	73	77	84	-
75	1125	MBh	28.9	29.8	32.2	34.6	28.3	29.1	31.5	33.8	27.6	**28.4**	30.7	33.0	26.9	27.7	30.0	32.2	25.6	26.3	28.5	30.6	23.7	24.4	26.4	28.3
		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	20	19	15	11	20	19	15	11	20	**19**	15	11	21	19	16	11	20	19	15	11	19	17	14	10
		KW	2.61	2.66	2.75	2.83	2.81	2.86	2.96	3.05	2.98	**3.04**	3.14	3.24	3.13	3.20	3.31	3.42	3.26	3.34	3.45	3.56	3.38	3.45	3.57	3.69
		AMPS	11.5	11.7	12.0	12.4	12.3	12.5	12.9	13.3	13.2	**13.5**	13.9	14.4	14.0	14.3	14.8	15.3	14.8	15.2	15.6	16.2	15.6	16.0	16.5	17.0
		HI PR	170	183	193	202	191	205	217	226	217	**234**	247	257	247	266	281	293	278	299	316	330	307	331	349	364
		LO PR	61	65	71	75	64	68	75	79	67	**71**	78	83	70	75	81	87	73	78	85	91	76	81	88	94
	1050	MBh	28.6	29.5	31.9	34.3	28.0	28.8	31.2	33.5	27.3	**28.1**	30.4	32.7	26.6	27.4	29.7	31.9	25.3	26.1	28.2	30.3	23.4	24.1	26.1	28.0
		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	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
		Delta T	21	19	16	11	21	20	16	11	21	**20**	16	11	21	20	16	11	21	19	16	11	20	18	15	10
		KW	2.60	2.66	2.74	2.83	2.80	2.86	2.95	3.04	2.97	**3.04**	3.13	3.24	3.13	3.19	3.30	3.41	3.26	3.33	3.44	3.55	3.37	3.44	3.56	3.68
		AMPS	11.4	11.7	12.0	12.4	12.3	12.5	12.9	13.3	13.2	**13.5**	13.9	14.3	14.0	14.3	14.7	15.2	14.8	15.1	15.6	16.1	15.6	15.9	16.4	17.0
		HI PR	170	183	193	201	190	205	216	226	216	**233**	246	257	247	265	280	292	277	298	315	329	306	330	348	363
		LO PR	61	64	70	75	64	68	74	79	67	**71**	77	82	70	74	81	86	73	78	85	91	76	81	88	94
	875	MBh	26.4	27.2	29.5	31.6	25.8	26.6	28.8	30.9	25.2	**25.9**	28.1	30.1	24.6	25.3	27.4	29.4	23.4	24.1	26.0	27.9	21.6	22.3	24.1	25.9
		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	22	21	17	12	23	21	17	12	23	**21**	17	12	23	21	17	12	23	21	17	12	21	19	16	11
		KW	2.54	2.59	2.67	2.76	2.73	2.79	2.88	2.97	2.90	**2.96**	3.06	3.16	3.05	3.12	3.22	3.32	3.18	3.24	3.35	3.46	3.28	3.36	3.47	3.58
		AMPS	11.2	11.4	11.7	12.1	12.0	12.2	12.6	13.0	12.9	**13.1**	13.5	14.0	13.6	13.9	14.4	14.8	14.4	14.7	15.2	15.7	15.2	15.5	16.0	16.6
		HI PR	165	177	187	195	185	199	210	219	210	**226**	239	249	239	257	272	283	269	290	306	319	297	320	338	352
		LO PR	59	63	68	73	62	66	72	77	65	**69**	75	80	68	72	79	84	71	76	83	88	73	78	85	91

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1030*1A**

IDB*	Airflow		Outdoor Ambient Temperature: 65 / Entering Indoor Wet Bulb Temperature: 59	63	67	71	75: 59	63	67	71	85: 59	63	67	71	95: 59	63	67	71	105: 59	63	67	71	115: 59	63	67	71
80	1125	MBh	29.4	30.1	32.1	34.4	28.8	29.4	31.4	33.6	28.1	28.7	30.6	32.8	27.4	28.0	29.9	32.0	26.0	26.6	28.4	30.4	24.1	24.6	26.3	28.1
		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
		Delta T	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	18	14
		KW	2.63	2.68	2.77	2.85	2.83	2.89	2.98	3.08	3.00	3.07	3.17	3.27	3.16	3.23	3.33	3.44	3.29	3.36	3.47	3.59	3.41	3.48	3.60	3.72
		AMPS	11.6	11.8	12.1	12.5	12.4	12.6	13.0	13.4	13.3	13.6	14.0	14.5	14.1	14.5	14.9	15.4	15.0	15.3	15.8	16.3	15.8	16.1	16.6	17.2
		HI PR	172	185	195	204	193	208	219	229	219	236	249	260	250	269	284	296	281	302	319	333	310	334	353	368
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95
	1050	MBh	29.1	29.8	31.8	34.0	28.5	29.1	31.1	33.2	27.8	28.4	30.3	32.4	27.1	27.7	29.6	31.6	25.8	26.3	28.1	30.1	23.9	24.4	26.0	27.8
		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
		Delta T	23	22	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	21	18	15
		KW	2.62	2.68	2.76	2.85	2.82	2.88	2.97	3.07	3.00	3.06	3.16	3.26	3.15	3.22	3.33	3.44	3.28	3.36	3.47	3.58	3.40	3.47	3.59	3.71
		AMPS	11.5	11.8	12.1	12.5	12.3	12.6	13.0	13.4	13.3	13.6	14.0	14.5	14.1	14.4	14.9	15.4	14.9	15.3	15.7	16.3	15.7	16.1	16.6	17.1
		HI PR	171	184	195	203	192	207	218	228	219	235	248	259	249	268	283	295	280	302	318	332	310	333	352	367
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	81	89	95
	875	MBh	26.9	27.5	29.4	31.4	26.3	26.9	28.7	30.7	25.7	26.2	28.0	29.9	25.0	25.6	27.3	29.2	23.8	24.3	26.0	27.7	22.0	22.5	24.0	25.7
		S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.95	0.77	0.58	1.02	0.95	0.78	0.58
		Delta T	25	24	21	17	25	24	21	17	25	24	21	17	26	25	21	17	25	24	21	17	24	23	20	16
		KW	2.56	2.61	2.69	2.78	2.75	2.81	2.90	2.99	2.92	2.99	3.08	3.18	3.07	3.14	3.24	3.35	3.20	3.27	3.38	3.49	3.31	3.39	3.50	3.61
		AMPS	11.3	11.5	11.8	12.2	12.1	12.3	12.7	13.1	13.0	13.2	13.6	14.1	13.8	14.1	14.5	15.0	14.5	14.9	15.3	15.8	15.3	15.7	16.1	16.7
		HI PR	166	179	189	197	186	201	212	221	212	228	241	251	242	260	275	286	272	292	309	322	300	323	341	356
		LO PR	59	63	69	73	63	67	73	78	65	69	76	81	68	73	80	85	72	76	83	89	74	79	86	92
85	1125	MBh	30.0	30.5	32.0	34.1	29.3	29.8	31.2	33.3	28.6	29.1	30.5	32.5	27.9	28.4	29.7	31.7	26.5	27.0	28.3	30.1	24.5	25.0	26.2	27.9
		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	24	24	22	19	24	24	23	20	23	24	23	20	23	23	23	20	22	22	23	19	20	20	21	18
		KW	2.65	2.70	2.79	2.88	2.85	2.91	3.00	3.10	3.03	3.09	3.19	3.30	3.19	3.25	3.36	3.47	3.32	3.39	3.50	3.62	3.43	3.51	3.63	3.75
		AMPS	11.7	11.9	12.2	12.6	12.5	12.7	13.1	13.6	13.4	13.7	14.1	14.6	14.3	14.6	15.0	15.5	15.1	15.4	15.9	16.4	15.9	16.3	16.8	17.3
		HI PR	174	187	197	206	195	210	221	231	222	238	252	263	252	271	287	299	284	305	323	336	314	337	356	372
		LO PR	62	66	72	77	66	70	76	81	68	72	79	84	72	76	83	88	75	80	87	93	78	82	90	96
	1050	MBh	29.7	30.2	31.7	33.8	29.0	29.5	30.9	33.0	28.3	28.8	30.2	32.2	27.6	28.1	29.5	31.4	26.2	26.7	28.0	29.8	24.3	24.7	25.9	27.7
		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	25	25	23	20	25	25	24	20	25	25	24	20	24	25	24	21	23	23	23	20	21	22	22	19
		KW	2.64	2.70	2.78	2.87	2.84	2.90	3.00	3.09	3.02	3.09	3.19	3.29	3.18	3.25	3.35	3.46	3.31	3.38	3.49	3.61	3.42	3.50	3.62	3.74
		AMPS	11.6	11.9	12.2	12.6	12.4	12.7	13.1	13.5	13.4	13.7	14.1	14.6	14.2	14.5	15.0	15.5	15.0	15.4	15.8	16.4	15.9	16.2	16.7	17.3
		HI PR	173	186	197	205	194	209	221	230	221	238	251	262	252	271	286	298	283	305	322	335	313	336	355	371
		LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	80	87	92	77	82	90	96
	875	MBh	27.4	27.9	29.2	31.2	26.7	27.3	28.5	30.5	26.1	26.6	27.9	29.7	25.5	26.0	27.2	29.0	24.2	24.7	25.8	27.6	22.4	22.8	23.9	25.5
		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	27	26	25	22	27	27	25	22	27	27	25	22	27	27	25	22	25	26	25	22	24	24	23	20
		KW	2.58	2.63	2.72	2.80	2.78	2.83	2.92	3.02	2.95	3.01	3.11	3.21	3.10	3.17	3.27	3.38	3.23	3.30	3.41	3.52	3.34	3.41	3.53	3.64
		AMPS	11.4	11.6	11.9	12.3	12.1	12.4	12.8	13.2	13.1	13.4	13.7	14.2	13.9	14.2	14.6	15.1	14.7	15.0	15.4	16.0	15.5	15.8	16.3	16.9
		HI PR	168	181	191	199	188	203	214	223	214	231	243	254	244	263	277	289	274	295	312	325	303	326	345	359
		LO PR	60	64	70	74	63	67	74	78	66	70	76	81	69	74	80	86	72	77	84	90	75	80	87	93

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1036*1A**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1350	MBh	33.8	35.1	38.4	-	33.0	34.2	37.5	-	32.3	33.4	36.6	-	31.5	32.6	35.7	-	29.9	31.0	33.9	-	27.7	28.7	31.4	-
		S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.72	0.50	-	0.87	0.73	0.51	-
		Delta T	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	16	14	11	-
		KW	3.13	3.20	3.29	-	3.36	3.43	3.53	-	3.56	3.64	3.75	-	3.74	3.82	3.94	-	3.89	3.97	4.10	-	4.02	4.11	4.24	-
		AMPS	14.4	14.6	15.0	-	15.3	15.6	16.1	-	16.4	16.8	17.2	-	17.4	17.7	18.2	-	18.3	18.7	19.3	-	19.3	19.7	20.3	-
		HI PR	157	169	179	-	176	190	200	-	200	216	228	-	228	246	259	-	257	276	292	-	284	305	323	-
		LO PR	59	62	68	-	62	66	72	-	64	69	75	-	68	72	79	-	71	75	82	-	73	78	85	-
	1250	MBh	33.5	34.7	38.0	-	32.7	33.9	37.1	-	31.9	33.1	36.3	-	31.2	32.3	35.4	-	29.6	30.7	33.6	-	27.4	28.4	31.1	-
		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	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		KW	3.13	3.19	3.28	-	3.35	3.42	3.53	-	3.55	3.63	3.74	-	3.73	3.81	3.93	-	3.88	3.96	4.09	-	4.01	4.10	4.23	-
		AMPS	14.3	14.6	15.0	-	15.3	15.6	16.0	-	16.4	16.7	17.2	-	17.3	17.7	18.2	-	18.3	18.7	19.2	-	19.2	19.6	20.2	-
		HI PR	157	169	178	-	176	189	200	-	200	215	227	-	228	245	259	-	256	276	291	-	283	305	322	-
		LO PR	59	62	68	-	62	66	72	-	64	68	75	-	68	72	78	-	71	75	82	-	73	78	85	-
	1050	MBh	30.9	32.0	35.1	-	30.2	31.3	34.3	-	29.5	30.5	33.5	-	28.8	29.8	32.7	-	27.3	28.3	31.0	-	25.3	26.2	28.7	-
		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	-
		Delta T	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
		KW	3.05	3.12	3.21	-	3.28	3.34	3.44	-	3.47	3.54	3.65	-	3.64	3.72	3.84	-	3.79	3.87	3.99	-	3.91	4.00	4.13	-
		AMPS	14.0	14.3	14.7	-	14.9	15.2	15.6	-	16.0	16.3	16.8	-	16.9	17.3	17.8	-	17.9	18.2	18.8	-	18.8	19.2	19.7	-
		HI PR	152	164	173	-	170	183	194	-	194	209	220	-	221	238	251	-	248	267	282	-	275	295	312	-
		LO PR	57	60	66	-	60	64	70	-	62	66	72	-	65	70	76	-	69	73	80	-	71	76	82	-
75	1350	MBh	34.4	35.4	38.3	41.1	33.6	34.6	37.4	40.2	32.8	**33.8**	36.6	39.2	32.0	32.9	35.7	38.3	30.4	31.3	33.9	36.4	28.2	29.0	31.4	33.7
		S/T	0.87	0.77	0.59	0.38	0.90	0.80	0.61	0.39	0.92	**0.82**	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	0.99	0.89	0.67	0.43
		Delta T	20	19	15	11	21	19	15	11	21	**19**	16	11	21	19	16	11	20	19	15	11	19	18	14	10
		KW	3.16	3.22	3.32	3.42	3.39	3.46	3.56	3.67	3.59	**3.67**	3.78	3.90	3.77	3.85	3.97	4.10	3.92	4.01	4.13	4.27	4.05	4.14	4.27	4.41
		AMPS	14.5	14.7	15.1	15.6	15.4	15.7	16.2	16.7	16.5	**16.9**	17.4	17.9	17.5	17.9	18.4	19.0	18.5	18.9	19.4	20.1	19.4	19.9	20.4	21.1
		HI PR	159	171	180	188	178	192	202	211	203	**218**	230	240	231	248	262	273	260	279	295	308	287	309	326	340
		LO PR	59	63	69	73	63	67	73	77	65	**69**	76	81	68	73	79	85	72	76	83	89	74	79	86	92
	1250	MBh	34.1	35.1	38.0	40.7	33.3	34.2	37.1	39.8	32.5	**33.4**	36.2	38.8	31.7	32.6	35.3	37.9	30.1	31.0	33.5	36.0	27.9	28.7	31.1	33.3
		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
		Delta T	21	20	16	11	22	20	16	11	22	**20**	16	11	22	20	16	11	21	20	16	11	20	18	15	10
		KW	3.15	3.21	3.31	3.41	3.38	3.45	3.55	3.67	3.58	**3.66**	3.77	3.89	3.76	3.84	3.96	4.09	3.91	4.00	4.12	4.26	4.04	4.13	4.26	4.40
		AMPS	14.4	14.7	15.1	15.6	15.4	15.7	16.1	16.6	16.5	**16.8**	17.3	17.9	17.5	17.8	18.4	19.0	18.4	18.8	19.4	20.0	19.4	19.8	20.4	21.1
		HI PR	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	59	63	69	73	62	66	73	77	65	**69**	75	80	68	73	79	84	71	76	83	88	74	79	86	91
	1050	MBh	31.4	32.4	35.0	37.6	30.7	31.6	34.2	36.7	30.0	**30.9**	33.4	35.8	29.2	30.1	32.6	35.0	27.8	28.6	31.0	33.2	25.7	26.5	28.7	30.8
		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	0.41	0.94	0.84	0.64	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
		KW	3.08	3.14	3.23	3.33	3.30	3.37	3.47	3.58	3.50	**3.57**	3.68	3.80	3.67	3.75	3.87	3.99	3.82	3.90	4.02	4.15	3.95	4.03	4.16	4.30
		AMPS	14.1	14.4	14.8	15.2	15.0	15.3	15.8	16.3	16.1	**16.5**	16.9	17.5	17.1	17.4	17.9	18.5	18.0	18.4	18.9	19.5	18.9	19.3	19.9	20.6
		HI PR	153	165	174	182	172	185	196	204	196	**211**	223	232	223	240	254	264	251	270	285	297	277	298	315	329
		LO PR	57	61	67	71	61	64	70	75	63	**67**	73	78	66	70	77	82	69	74	81	86	72	76	83	89

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1036*1A**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1350	MBh	35.0	35.8	38.2	40.9	34.2	34.9	37.3	39.9	33.4	34.1	36.4	39.0	32.6	33.3	35.6	38.0	30.9	31.6	33.8	36.1	28.7	29.3	31.3	33.4
		S/T	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	0.59	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62
		Delta T	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	18	14
		KW	3.18	3.24	3.34	3.44	3.41	3.48	3.59	3.70	3.62	3.69	3.81	3.93	3.80	3.88	4.00	4.13	3.95	4.04	4.17	4.30	4.09	4.18	4.31	4.45
		AMPS	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
		HI PR	160	173	182	190	180	194	204	213	205	220	232	242	233	251	265	276	262	282	298	311	290	312	329	343
		LO PR	60	64	70	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	90	75	80	87	93
	1250	MBh	34.7	35.4	37.8	40.5	33.9	34.6	37.0	39.5	33.0	33.8	36.1	38.6	32.2	32.9	35.2	37.6	30.6	31.3	33.4	35.7	28.4	29.0	31.0	33.1
		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
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	21	19	15
		KW	3.17	3.24	3.33	3.44	3.41	3.48	3.58	3.69	3.61	3.69	3.80	3.92	3.79	3.87	3.99	4.12	3.95	4.03	4.16	4.29	4.08	4.17	4.30	4.44
		AMPS	14.5	14.8	15.2	15.7	15.5	15.8	16.3	16.8	16.6	17.0	17.5	18.0	17.6	18.0	18.5	19.1	18.6	19.0	19.5	20.2	19.5	20.0	20.6	21.2
		HI PR	160	172	182	189	179	193	204	213	204	220	232	242	232	250	264	275	261	281	297	310	289	311	328	342
		LO PR	60	64	69	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	79	87	92
	1050	MBh	32.0	32.7	34.9	37.3	31.2	31.9	34.1	36.5	30.5	31.2	33.3	35.6	29.8	30.4	32.5	34.7	28.3	28.9	30.9	33.0	26.2	26.8	28.6	30.6
		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
		Delta T	25	24	21	17	25	24	21	17	25	24	21	17	26	25	21	17	25	24	21	17	24	23	20	16
		KW	3.10	3.16	3.26	3.36	3.33	3.39	3.50	3.61	3.53	3.60	3.71	3.83	3.70	3.78	3.90	4.02	3.85	3.93	4.06	4.19	3.98	4.06	4.19	4.33
		AMPS	14.2	14.5	14.9	15.3	15.2	15.5	15.9	16.4	16.3	16.6	17.1	17.6	17.2	17.6	18.1	18.6	18.1	18.5	19.1	19.7	19.1	19.5	20.1	20.7
		HI PR	155	167	176	184	174	187	198	206	198	213	225	235	225	243	256	267	254	273	288	300	280	301	318	332
		LO PR	58	62	67	72	61	65	71	76	64	68	74	79	67	71	78	83	70	74	81	87	72	77	84	90
85	1350	MBh	35.6	36.3	38.0	40.6	34.8	35.5	37.1	39.6	34.0	34.6	36.3	38.7	33.1	33.8	35.4	37.7	31.5	32.1	33.6	35.9	29.2	29.7	31.1	33.2
		S/T	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.81
		Delta T	24	24	22	19	24	24	23	20	23	24	23	20	23	23	23	20	21	22	23	20	20	20	21	18
		KW	3.20	3.27	3.37	3.47	3.44	3.51	3.62	3.73	3.65	3.72	3.84	3.96	3.83	3.91	4.04	4.17	3.99	4.07	4.20	4.34	4.12	4.21	4.35	4.49
		AMPS	14.7	15.0	15.4	15.9	15.7	16.0	16.4	17.0	16.8	17.2	17.6	18.2	17.8	18.2	18.7	19.3	18.8	19.2	19.7	20.4	19.8	20.2	20.8	21.5
		HI PR	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	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	94
	1250	MBh	35.3	35.9	37.7	40.2	34.4	35.1	36.8	39.2	33.6	34.3	35.9	38.3	32.8	33.4	35.0	37.4	31.2	31.8	33.3	35.5	28.9	29.4	30.8	32.9
		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
		Delta T	25	25	24	20	25	25	24	21	25	25	24	21	24	25	24	21	23	23	24	21	21	22	22	19
		KW	3.20	3.26	3.36	3.46	3.43	3.50	3.61	3.72	3.64	3.72	3.83	3.95	3.82	3.90	4.03	4.16	3.98	4.06	4.19	4.33	4.11	4.20	4.33	4.48
		AMPS	14.6	14.9	15.3	15.8	15.6	15.9	16.4	16.9	16.8	17.1	17.6	18.2	17.8	18.1	18.6	19.3	18.7	19.1	19.7	20.4	19.7	20.1	20.7	21.4
		HI PR	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	60	64	70	75	64	68	74	79	66	70	77	82	70	74	81	86	73	78	85	90	75	80	88	93
	1050	MBh	32.6	33.2	34.8	37.1	31.8	32.4	33.9	36.2	31.0	31.6	33.1	35.4	30.3	30.9	32.3	34.5	28.8	29.3	30.7	32.8	26.6	27.2	28.4	30.3
		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
		Delta T	27	26	25	22	27	27	25	22	27	27	25	22	27	27	25	22	25	26	25	22	23	24	23	20
		KW	3.12	3.19	3.28	3.38	3.35	3.42	3.53	3.64	3.55	3.63	3.74	3.86	3.73	3.81	3.93	4.05	3.88	3.96	4.09	4.22	4.01	4.10	4.23	4.37
		AMPS	14.3	14.6	15.0	15.5	15.3	15.6	16.0	16.5	16.4	16.7	17.2	17.7	17.3	17.7	18.2	18.8	18.3	18.7	19.2	19.9	19.2	19.6	20.2	20.9
		HI PR	157	169	178	186	176	189	200	208	200	215	227	237	228	245	259	270	256	276	291	303	283	304	321	335
		LO PR	59	62	68	72	62	66	72	76	64	68	75	79	67	72	78	83	71	75	82	87	73	78	85	90

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1042*1A**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1575	MBh	38.6	40.0	43.9	-	37.7	39.1	42.8	-	36.8	38.2	41.8	-	35.9	37.2	40.8	-	34.1	35.4	38.8	-	31.6	32.8	35.9	-
		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	-
		Delta T	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		KW	3.39	3.46	3.56	-	3.64	3.71	3.83	-	3.86	3.94	4.06	-	4.05	4.13	4.26	-	4.21	4.30	4.44	-	4.35	4.44	4.59	-
		AMPS	15.1	15.4	15.9	-	16.2	16.5	17.0	-	17.3	17.7	18.2	-	18.4	18.8	19.3	-	19.4	19.8	20.4	-	20.4	20.9	21.5	-
		HI PR	165	178	188	-	186	200	211	-	211	227	240	-	240	259	273	-	270	291	307	-	299	321	339	-
		LO PR	65	70	76	-	69	74	80	-	72	77	84	-	76	80	88	-	79	84	92	-	82	87	95	-
	1425	MBh	38.1	39.4	43.2	-	37.2	38.5	42.2	-	36.3	37.6	41.2	-	35.4	36.7	40.2	-	33.6	34.9	38.2	-	31.2	32.3	35.4	-
		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	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		KW	3.37	3.44	3.54	-	3.62	3.69	3.81	-	3.83	3.91	4.04	-	4.03	4.11	4.24	-	4.19	4.28	4.41	-	4.33	4.42	4.56	-
		AMPS	15.1	15.4	15.8	-	16.1	16.4	16.9	-	17.3	17.6	18.1	-	18.3	18.7	19.2	-	19.3	19.7	20.3	-	20.3	20.7	21.4	-
		HI PR	164	177	187	-	184	198	209	-	210	225	238	-	239	257	271	-	268	289	305	-	297	319	337	-
		LO PR	65	69	76	-	69	73	80	-	71	76	83	-	75	80	87	-	79	84	91	-	81	87	94	-
	1225	MBh	35.1	36.4	39.9	-	34.3	35.6	39.0	-	33.5	34.7	38.0	-	32.7	33.9	37.1	-	31.0	32.2	35.2	-	28.8	29.8	32.7	-
		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	-
		Delta T	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-
		KW	3.30	3.36	3.46	-	3.54	3.61	3.72	-	3.75	3.82	3.94	-	3.93	4.01	4.14	-	4.09	4.17	4.30	-	4.22	4.31	4.45	-
		AMPS	14.7	15.0	15.4	-	15.7	16.0	16.5	-	16.8	17.2	17.7	-	17.8	18.2	18.7	-	18.8	19.2	19.8	-	19.8	20.2	20.8	-
		HI PR	159	171	181	-	179	192	203	-	203	219	231	-	231	249	263	-	260	280	296	-	288	310	327	-
		LO PR	63	67	73	-	67	71	77	-	69	74	80	-	73	77	85	-	76	81	89	-	79	84	92	-
75	1575	MBh	39.3	40.4	43.8	47.0	38.4	39.5	42.8	45.9	37.5	**38.6**	41.7	44.8	36.5	37.6	40.7	43.7	34.7	35.7	38.7	41.5	32.2	33.1	35.8	38.5
		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
		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	3.42	3.49	3.59	3.70	3.67	3.74	3.86	3.98	3.89	**3.97**	4.09	4.22	4.08	4.17	4.30	4.44	4.24	4.34	4.47	4.62	4.39	4.48	4.62	4.78
		AMPS	15.2	15.6	16.0	16.5	16.3	16.6	17.1	17.6	17.5	**17.9**	18.4	19.0	18.5	18.9	19.5	20.1	19.6	20.0	20.6	21.3	20.6	21.0	21.7	22.4
		HI PR	167	180	190	198	187	202	213	222	213	**229**	242	253	243	261	276	288	273	294	310	324	302	325	343	358
		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
	1425	MBh	38.7	39.8	43.1	46.3	37.8	38.9	42.1	45.2	36.9	**38.0**	41.1	44.1	36.0	37.1	40.1	43.1	34.2	35.2	38.1	40.9	31.7	32.6	35.3	37.9
		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
		Delta T	21	20	16	11	21	20	16	11	21	**20**	16	11	22	20	16	11	21	20	16	11	20	18	15	10
		KW	3.40	3.47	3.57	3.68	3.65	3.72	3.84	3.95	3.87	**3.95**	4.07	4.20	4.06	4.14	4.27	4.41	4.22	4.31	4.45	4.59	4.36	4.46	4.60	4.75
		AMPS	15.2	15.5	15.9	16.4	16.2	16.5	17.0	17.5	17.4	**17.8**	18.3	18.9	18.4	18.8	19.4	20.0	19.5	19.9	20.5	21.1	20.5	20.9	21.5	22.3
		HI PR	166	178	188	197	186	200	211	221	212	**228**	241	251	241	259	274	286	271	292	308	321	300	322	340	355
		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
	1225	MBh	35.7	36.8	39.8	42.7	34.9	35.9	38.9	41.7	34.1	**35.1**	38.0	40.7	33.2	34.2	37.0	39.7	31.6	32.5	35.2	37.8	29.2	30.1	32.6	35.0
		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
		Delta T	22	20	17	11	22	20	17	12	22	**20**	17	12	22	21	17	12	22	20	17	12	21	19	16	11
		KW	3.32	3.39	3.49	3.60	3.56	3.64	3.75	3.86	3.77	**3.85**	3.97	4.10	3.96	4.04	4.17	4.30	4.12	4.21	4.34	4.48	4.26	4.35	4.49	4.63
		AMPS	14.8	15.1	15.5	16.0	15.8	16.1	16.6	17.1	17.0	**17.3**	17.8	18.4	18.0	18.4	18.9	19.5	19.0	19.4	20.0	20.6	20.0	20.4	21.0	21.7
		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	344
		LO PR	64	68	74	79	67	72	78	83	70	**74**	81	87	74	78	85	91	77	82	89	95	80	85	93	99

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1042*1A**

IDB*	Airflow		Outdoor Ambient Temperature 65 / Entering Indoor Wet Bulb Temperature 59	63	67	71	75 / 59	63	67	71	85 / 59	63	67	71	95 / 59	63	67	71	105 / 59	63	67	71	115 / 59	63	67	71
80	1575	MBh	40.0	40.9	43.6	46.7	39.0	39.9	42.6	45.6	38.1	39.0	41.6	44.5	37.2	38.0	40.6	43.4	35.3	36.1	38.6	41.2	32.7	33.4	35.7	38.2
		S/T	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	23	22	19	15	23	22	19	15	22	22	19	15	22	22	19	15	21	21	19	15	19	20	18	14
		KW	3.44	3.51	3.62	3.73	3.70	3.77	3.89	4.01	3.92	4.00	4.12	4.25	4.11	4.20	4.33	4.47	4.28	4.37	4.51	4.66	4.42	4.52	4.66	4.82
		AMPS	15.4	15.7	16.1	16.6	16.4	16.8	17.2	17.8	17.6	18.0	18.5	19.1	18.7	19.1	19.6	20.3	19.7	20.1	20.7	21.4	20.8	21.2	21.8	22.6
		HI PR	169	182	192	200	189	204	215	224	215	232	245	255	245	264	279	291	276	297	313	327	305	328	346	361
		LO PR	67	71	78	83	71	75	82	87	73	78	85	91	77	82	90	95	81	86	94	100	84	89	97	103
	1425	MBh	39.4	40.2	43.0	46.0	38.5	39.3	42.0	44.9	37.6	38.4	41.0	43.8	36.6	37.4	40.0	42.8	34.8	35.6	38.0	40.6	32.2	32.9	35.2	37.6
		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
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	23	20	16	21	21	19	15
		KW	3.43	3.49	3.60	3.71	3.68	3.75	3.87	3.99	3.90	3.98	4.10	4.23	4.09	4.18	4.31	4.45	4.26	4.35	4.48	4.63	4.40	4.49	4.64	4.79
		AMPS	15.3	15.6	16.0	16.5	16.3	16.7	17.1	17.7	17.5	17.9	18.4	19.0	18.6	19.0	19.5	20.2	19.6	20.0	20.6	21.3	20.6	21.1	21.7	22.5
		HI PR	168	180	190	199	188	202	214	223	214	230	243	253	243	262	277	289	274	295	311	325	303	326	344	359
		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
	1225	MBh	36.4	37.1	39.7	42.4	35.5	36.3	38.8	41.4	34.7	35.4	37.8	40.5	33.8	34.6	36.9	39.5	32.1	32.8	35.1	37.5	29.8	30.4	32.5	34.7
		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
		Delta T	25	23	20	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	22	19	15
		KW	3.35	3.42	3.52	3.62	3.59	3.66	3.77	3.89	3.80	3.88	4.00	4.13	3.99	4.08	4.20	4.34	4.15	4.24	4.38	4.52	4.29	4.38	4.52	4.67
		AMPS	14.9	15.2	15.7	16.1	15.9	16.3	16.7	17.3	17.1	17.5	18.0	18.6	18.1	18.5	19.0	19.7	19.1	19.5	20.1	20.8	20.1	20.6	21.2	21.9
		HI PR	162	175	185	193	182	196	207	216	207	223	236	246	236	254	268	280	266	286	302	315	294	316	334	348
		LO PR	64	68	75	80	68	72	79	84	71	75	82	87	74	79	86	92	78	83	90	96	80	86	93	100
85	1575	MBh	40.7	41.5	43.4	46.3	39.7	40.5	42.4	45.3	38.8	39.5	41.4	44.2	37.8	38.6	40.4	43.1	35.9	36.6	38.4	40.9	33.3	33.9	35.5	37.9
		S/T	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	1.00	0.82	1.00	1.00	1.00	0.83
		Delta T	24	24	23	19	23	24	23	20	23	23	23	20	22	23	23	20	21	21	22	20	19	20	21	18
		KW	3.47	3.54	3.65	3.76	3.72	3.80	3.92	4.04	3.95	4.03	4.16	4.29	4.15	4.23	4.37	4.51	4.31	4.41	4.55	4.69	4.46	4.55	4.70	4.86
		AMPS	15.5	15.8	16.2	16.7	16.5	16.9	17.4	17.9	17.8	18.1	18.7	19.3	18.8	19.2	19.8	20.4	19.9	20.3	20.9	21.6	20.9	21.4	22.0	22.8
		HI PR	170	183	194	202	191	206	217	227	217	234	247	258	248	267	281	294	279	300	317	330	308	331	350	365
		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
	1425	MBh	40.1	40.9	42.8	45.6	39.1	39.9	41.8	44.6	38.2	39.0	40.8	43.5	37.3	38.0	39.8	42.5	35.4	36.1	37.8	40.3	32.8	33.4	35.0	37.4
		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
		Delta T	25	25	23	20	25	25	24	21	25	25	24	21	24	25	24	21	23	23	24	20	21	22	22	19
		KW	3.45	3.52	3.63	3.74	3.70	3.78	3.90	4.02	3.93	4.01	4.13	4.26	4.12	4.21	4.34	4.48	4.29	4.38	4.52	4.67	4.43	4.53	4.67	4.83
		AMPS	15.4	15.7	16.1	16.7	16.5	16.8	17.3	17.8	17.7	18.0	18.6	19.2	18.7	19.1	19.7	20.3	19.8	20.2	20.8	21.5	20.8	21.3	21.9	22.6
		HI PR	169	182	192	201	190	204	216	225	216	232	245	256	246	265	279	291	277	298	314	328	306	329	347	362
		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
	1225	MBh	37.0	37.7	39.5	42.1	36.1	36.8	38.6	41.2	35.3	36.0	37.7	40.2	34.4	35.1	36.7	39.2	32.7	33.3	34.9	37.2	30.3	30.9	32.3	34.5
		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
		Delta T	26	26	24	21	26	26	25	21	26	26	25	21	26	26	25	21	25	25	24	21	23	23	23	20
		KW	3.37	3.44	3.54	3.65	3.62	3.69	3.80	3.92	3.83	3.91	4.03	4.16	4.02	4.11	4.24	4.37	4.19	4.28	4.41	4.55	4.33	4.42	4.56	4.71
		AMPS	15.0	15.4	15.8	16.3	16.1	16.4	16.9	17.4	17.2	17.6	18.1	18.7	18.3	18.7	19.2	19.8	19.3	19.7	20.3	21.0	20.3	20.7	21.4	22.1
		HI PR	164	177	187	195	184	198	209	218	209	225	238	248	239	257	271	283	268	289	305	318	297	319	337	351
		LO PR	65	69	76	80	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	86	94	101

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1048*1A**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1800	MBh	46.1	47.7	52.3	-	45.0	46.6	51.1	-	43.9	45.5	49.9	-	42.8	44.4	48.7	-	40.7	42.2	46.2	-	37.7	39.1	42.8	-
		S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		KW	4.10	4.18	4.31	-	4.40	4.48	4.62	-	4.65	4.75	4.89	-	4.88	4.98	5.14	-	5.07	5.18	5.34	-	5.24	5.35	5.52	-
		AMPS	18.2	18.6	19.1	-	19.4	19.8	20.3	-	20.8	21.2	21.8	-	21.9	22.4	23.0	-	23.1	23.6	24.3	-	24.3	24.8	25.5	-
		HI PR	170	183	193	-	191	205	217	-	217	233	246	-	247	266	281	-	278	299	316	-	307	330	349	-
		LO PR	67	71	77	-	70	75	82	-	73	78	85	-	77	82	89	-	81	86	94	-	83	89	97	-
	1525	MBh	44.7	46.3	50.8	-	43.7	45.3	49.6	-	42.6	44.2	48.4	-	41.6	43.1	47.2	-	39.5	41.0	44.9	-	36.6	37.9	41.6	-
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-
		KW	4.07	4.15	4.27	-	4.36	4.45	4.58	-	4.62	4.71	4.86	-	4.84	4.94	5.10	-	5.03	5.14	5.30	-	5.20	5.31	5.48	-
		AMPS	18.1	18.4	18.9	-	19.3	19.6	20.2	-	20.6	21.0	21.6	-	21.8	22.2	22.8	-	22.9	23.4	24.1	-	24.1	24.6	25.3	-
		HI PR	168	181	191	-	189	203	215	-	215	231	244	-	245	263	278	-	275	296	313	-	304	327	345	-
		LO PR	66	70	77	-	70	74	81	-	72	77	84	-	76	81	88	-	80	85	93	-	83	88	96	-
	1400	MBh	44.0	45.7	50.0	-	43.0	44.6	48.9	-	42.0	43.5	47.7	-	41.0	42.5	46.5	-	38.9	40.3	44.2	-	36.1	37.4	40.9	-
		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	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-
		KW	4.02	4.10	4.22	-	4.31	4.39	4.52	-	4.56	4.65	4.79	-	4.78	4.88	5.03	-	4.97	5.07	5.23	-	5.13	5.24	5.40	-
		AMPS	17.9	18.2	18.7	-	19.0	19.4	19.9	-	20.3	20.7	21.3	-	21.5	21.9	22.5	-	22.6	23.1	23.8	-	23.8	24.3	25.0	-
		HI PR	165	178	188	-	186	200	211	-	211	227	240	-	240	259	273	-	270	291	307	-	299	322	340	-
		LO PR	65	69	75	-	69	73	80	-	71	76	83	-	75	80	87	-	78	83	91	-	81	86	94	-
75	1800	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	45.9
		S/T	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	**0.84**	0.63	0.41	0.96	0.86	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44
		Delta T	21	19	16	11	21	20	16	11	21	**20**	16	11	21	20	16	11	21	19	16	11	20	18	15	10
		KW	4.13	4.22	4.34	4.47	4.43	4.52	4.65	4.80	4.69	**4.79**	4.93	5.09	4.92	5.02	5.18	5.34	5.11	5.22	5.38	5.56	5.28	5.39	5.56	5.74
		AMPS	18.4	18.7	19.2	19.8	19.5	19.9	20.5	21.1	20.9	**21.3**	21.9	22.6	22.1	22.6	23.2	23.9	23.3	23.8	24.5	25.3	24.5	25.0	25.7	26.6
		HI PR	172	185	195	203	193	207	219	228	219	**236**	249	260	250	269	284	296	281	302	319	333	310	334	352	368
		LO PR	67	72	78	83	71	76	83	88	74	**79**	86	91	78	83	90	96	81	87	95	101	84	90	98	104
	1525	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	44.5
		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	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	4.10	4.18	4.31	4.44	4.40	4.48	4.62	4.76	4.65	**4.75**	4.89	5.05	4.88	4.98	5.14	5.30	5.07	5.18	5.34	5.51	5.24	5.35	5.52	5.70
		AMPS	18.2	18.6	19.1	19.6	19.4	19.8	20.3	20.9	20.8	**21.2**	21.8	22.4	21.9	22.4	23.0	23.8	23.1	23.6	24.3	25.1	24.3	24.8	25.5	26.3
		HI PR	170	183	193	201	191	205	217	226	217	**233**	247	257	247	266	281	293	278	299	316	329	307	330	349	364
		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
	1400	MBh	44.8	46.1	49.9	53.6	43.7	45.0	48.8	52.3	42.7	**44.0**	47.6	51.1	41.7	42.9	46.4	49.8	39.6	40.8	44.1	47.3	36.7	37.8	40.9	43.9
		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	13	24	**22**	18	13	24	22	18	13	24	22	18	12	22	21	17	12
		KW	4.05	4.13	4.25	4.38	4.34	4.43	4.56	4.70	4.59	**4.69**	4.83	4.98	4.82	4.92	5.07	5.23	5.01	5.11	5.27	5.44	5.17	5.28	5.45	5.62
		AMPS	18.0	18.3	18.8	19.4	19.2	19.5	20.1	20.7	20.5	**20.9**	21.5	22.2	21.7	22.1	22.7	23.4	22.8	23.3	23.9	24.7	24.0	24.5	25.2	26.0
		HI PR	167	180	190	198	187	202	213	222	213	**229**	242	253	243	261	276	288	273	294	310	324	302	325	343	358
		LO PR	66	70	76	81	69	74	80	86	72	**77**	84	89	76	80	88	93	79	84	92	98	82	87	95	101

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1048*1A**

IDB*	Airflow		Outdoor Ambient Temperature 65 / Entering Indoor Wet Bulb Temperature 59	63	67	71	75 / 59	63	67	71	85 / 59	63	67	71	95 / 59	63	67	71	105 / 59	63	67	71	115 / 59	63	67	71
80	1800	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
		S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63
		Delta T	23	22	20	16	24	23	20	16	23	23	20	16	23	23	20	16	22	22	20	16	20	20	18	15
		KW	4.17	4.25	4.37	4.50	4.46	4.55	4.69	4.83	4.73	4.82	4.97	5.13	4.96	5.06	5.22	5.38	5.16	5.26	5.43	5.60	5.33	5.44	5.61	5.79
		AMPS	18.5	18.8	19.3	19.9	19.7	20.1	20.6	21.3	21.1	21.5	22.1	22.8	22.3	22.7	23.4	24.1	23.5	24.0	24.7	25.5	24.7	25.2	25.9	26.8
		HI PR	173	187	197	206	195	209	221	231	221	238	251	262	252	271	286	299	284	305	322	336	313	337	356	371
		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
	1525	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
		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
		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
		KW	4.13	4.22	4.34	4.47	4.43	4.52	4.65	4.80	4.69	4.79	4.93	5.09	4.92	5.02	5.18	5.34	5.11	5.22	5.39	5.56	5.28	5.40	5.57	5.74
		AMPS	18.4	18.7	19.2	19.8	19.5	19.9	20.5	21.1	20.9	21.3	21.9	22.6	22.1	22.6	23.2	23.9	23.3	23.8	24.5	25.3	24.5	25.0	25.7	26.6
		HI PR	172	185	195	204	193	207	219	228	219	236	249	260	250	269	284	296	281	302	319	333	310	334	353	368
		LO PR	67	72	78	83	71	76	83	88	74	79	86	91	78	83	90	96	81	87	95	101	84	90	98	104
	1400	MBh	45.6	46.6	49.8	53.2	44.5	45.5	48.6	52.0	43.5	44.4	47.5	50.7	42.4	43.3	46.3	49.5	40.3	41.2	44.0	47.0	37.3	38.1	40.7	43.6
		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
		Delta T	27	25	22	18	27	26	22	18	27	26	22	18	27	26	23	18	27	26	22	18	25	24	21	17
		KW	4.08	4.16	4.28	4.41	4.37	4.46	4.59	4.73	4.63	4.72	4.87	5.02	4.85	4.95	5.11	5.27	5.05	5.15	5.31	5.48	5.21	5.32	5.49	5.66
		AMPS	18.1	18.5	19.0	19.5	19.3	19.7	20.2	20.8	20.7	21.1	21.6	22.3	21.8	22.3	22.9	23.6	23.0	23.5	24.1	24.9	24.1	24.7	25.4	26.2
		HI PR	169	182	192	200	189	204	215	224	215	232	245	255	245	264	279	291	276	297	314	327	305	328	347	361
		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
85	1800	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
		S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82
		Delta T	25	25	23	20	24	25	24	20	24	24	24	20	23	23	24	21	22	22	23	20	20	21	22	19
		KW	4.20	4.28	4.40	4.54	4.50	4.59	4.73	4.87	4.76	4.86	5.01	5.17	5.00	5.10	5.26	5.43	5.20	5.31	5.47	5.65	5.37	5.48	5.65	5.84
		AMPS	18.6	19.0	19.5	20.1	19.8	20.2	20.8	21.4	21.2	21.7	22.3	23.0	22.5	22.9	23.6	24.3	23.7	24.2	24.9	25.7	24.9	25.4	26.1	27.0
		HI PR	175	188	199	208	197	212	223	233	224	241	254	265	255	274	289	302	286	308	325	339	316	341	360	375
		LO PR	69	73	80	85	73	77	84	90	75	80	88	93	79	84	92	98	83	88	96	103	86	91	100	106
	1525	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
		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	25	26	26	22	23	24	24	21
		KW	4.17	4.25	4.37	4.50	4.46	4.55	4.69	4.83	4.73	4.82	4.97	5.13	4.96	5.06	5.22	5.38	5.16	5.26	5.43	5.60	5.33	5.44	5.61	5.79
		AMPS	18.5	18.8	19.3	19.9	19.7	20.1	20.6	21.3	21.1	21.5	22.1	22.8	22.3	22.7	23.4	24.1	23.5	24.0	24.7	25.5	24.7	25.2	25.9	26.8
		HI PR	173	187	197	206	195	209	221	231	221	238	251	262	252	271	286	299	284	305	322	336	313	337	356	371
		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
	1400	MBh	46.4	47.3	49.5	52.8	45.3	46.2	48.4	51.6	44.2	45.1	47.2	50.4	43.1	44.0	46.1	49.1	41.0	41.8	43.8	46.7	38.0	38.7	40.5	43.2
		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	29	28	27	23	29	28	27	23	28	28	27	23	27	27	26	23	25	25	25	21
		KW	4.11	4.19	4.32	4.45	4.41	4.49	4.63	4.77	4.66	4.76	4.90	5.06	4.89	4.99	5.15	5.31	5.09	5.19	5.35	5.53	5.25	5.36	5.53	5.71
		AMPS	18.3	18.6	19.1	19.7	19.4	19.8	20.4	21.0	20.8	21.2	21.8	22.5	22.0	22.4	23.1	23.8	23.2	23.7	24.3	25.1	24.3	24.9	25.6	26.4
		HI PR	170	183	194	202	191	206	217	227	218	234	247	258	248	267	282	294	279	300	317	330	308	331	350	365
		LO PR	67	71	78	83	71	75	82	87	73	78	85	91	77	82	90	95	81	86	94	100	84	89	97	103

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1060*1A**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	2050	MBh	54.8	56.8	62.2	-	53.5	55.4	60.8	-	52.2	54.1	59.3	-	50.9	52.8	57.9	-	48.4	50.2	55.0	-	44.8	46.5	50.9	-
		S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.72	0.50	-	0.87	0.73	0.51	-
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-
		KW	5.29	5.39	5.55	-	5.66	5.78	5.95	-	5.99	6.12	6.30	-	6.29	6.41	6.61	-	6.53	6.67	6.88	-	6.75	6.89	7.10	-
		AMPS	23.2	23.7	24.3	-	24.7	25.2	25.8	-	26.4	26.9	27.7	-	27.9	28.5	29.2	-	29.4	30.0	30.8	-	30.8	31.5	32.4	-
		HI PR	183	197	208	-	205	221	233	-	233	251	265	-	266	286	302	-	299	321	339	-	330	355	375	-
		LO PR	65	69	75	-	68	73	79	-	71	76	83	-	75	79	87	-	78	83	91	-	81	86	94	-
	1950	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-
		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	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-
		KW	5.28	5.38	5.54	-	5.65	5.76	5.94	-	5.98	6.10	6.29	-	6.27	6.40	6.60	-	6.52	6.65	6.86	-	6.73	6.87	7.09	-
		AMPS	23.2	23.6	24.2	-	24.6	25.1	25.8	-	26.4	26.9	27.6	-	27.8	28.4	29.2	-	29.3	29.9	30.7	-	30.8	31.4	32.3	-
		HI PR	182	196	207	-	204	220	232	-	232	250	264	-	265	285	301	-	298	321	338	-	329	354	374	-
		LO PR	65	69	75	-	68	73	79	-	71	75	82	-	74	79	86	-	78	83	91	-	81	86	94	-
	1750	MBh	51.5	53.4	58.5	-	50.3	52.2	57.1	-	49.1	50.9	55.8	-	47.9	49.7	54.4	-	45.5	47.2	51.7	-	42.2	43.7	47.9	-
		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	-	0.81	0.68	0.47	-	0.82	0.69	0.48	-
		Delta T	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
		KW	5.20	5.30	5.46	-	5.57	5.68	5.85	-	5.89	6.01	6.19	-	6.17	6.30	6.49	-	6.42	6.55	6.75	-	6.62	6.76	6.97	-
		AMPS	22.8	23.3	23.9	-	24.3	24.8	25.4	-	26.0	26.5	27.2	-	27.4	28.0	28.7	-	28.9	29.4	30.3	-	30.3	30.9	31.8	-
		HI PR	179	192	203	-	200	216	228	-	228	245	259	-	259	279	295	-	292	314	332	-	323	347	366	-
		LO PR	63	67	73	-	67	71	78	-	69	74	81	-	73	78	85	-	76	81	89	-	79	84	92	-
75	2050	MBh	55.7	57.3	62.1	66.6	54.4	56.0	60.6	65.1	53.1	**54.7**	59.2	63.5	51.8	53.3	57.7	62.0	49.2	50.7	54.9	58.9	45.6	46.9	50.8	54.5
		S/T	0.87	0.77	0.59	0.38	0.90	0.80	0.61	0.39	0.92	**0.82**	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	0.99	0.89	0.67	0.43
		Delta T	22	20	16	11	22	20	17	11	22	**20**	17	11	22	20	17	12	22	20	16	11	20	19	15	11
		KW	5.33	5.43	5.59	5.76	5.71	5.82	5.99	6.18	6.04	**6.16**	6.35	6.55	6.33	6.47	6.66	6.87	6.58	6.72	6.93	7.15	6.80	6.94	7.16	7.39
		AMPS	23.4	23.8	24.5	25.2	24.9	25.4	26.0	26.8	26.6	**27.1**	27.9	28.7	28.1	28.7	29.5	30.4	29.6	30.2	31.1	32.1	31.1	31.7	32.6	33.7
		HI PR	185	199	210	219	207	223	235	245	236	**253**	268	279	268	289	305	318	302	325	343	358	333	359	379	395
		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
	1950	MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	**54.1**	58.6	62.9	51.3	52.8	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0
		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
		Delta T	22	20	17	12	22	21	17	12	22	**21**	17	12	23	21	17	12	22	20	17	12	21	19	16	11
		KW	5.32	5.42	5.58	5.75	5.69	5.81	5.98	6.16	6.03	**6.15**	6.34	6.53	6.32	6.45	6.65	6.86	6.57	6.71	6.91	7.13	6.78	6.93	7.14	7.37
		AMPS	23.3	23.8	24.4	25.1	24.8	25.3	26.0	26.8	26.6	**27.1**	27.8	28.7	28.0	28.6	29.4	30.3	29.5	30.1	31.0	32.0	31.0	31.6	32.5	33.6
		HI PR	184	198	209	218	206	222	235	245	235	**253**	267	278	267	288	304	317	301	324	342	357	332	358	378	394
		LO PR	65	69	76	81	69	73	80	85	72	**76**	83	89	75	80	87	93	79	84	92	97	81	87	95	101
	1750	MBh	52.4	53.9	58.4	62.7	51.2	52.7	57.0	61.2	50.0	**51.4**	55.7	59.7	48.7	50.2	54.3	58.3	46.3	47.7	51.6	55.4	42.9	44.2	47.8	51.3
		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
		Delta T	22	21	17	12	23	21	17	12	23	**21**	17	12	23	21	17	12	23	21	17	12	21	19	16	11
		KW	5.24	5.34	5.50	5.66	5.61	5.72	5.89	6.07	5.94	**6.06**	6.24	6.43	6.22	6.35	6.54	6.75	6.47	6.60	6.80	7.02	6.68	6.82	7.03	7.25
		AMPS	23.0	23.4	24.0	24.8	24.5	24.9	25.6	26.4	26.2	**26.7**	27.4	28.2	27.6	28.2	28.9	29.9	29.1	29.7	30.5	31.5	30.5	31.1	32.0	33.1
		HI PR	180	194	205	214	202	218	230	240	230	**248**	262	273	262	282	298	311	295	317	335	349	326	351	370	386
		LO PR	64	68	74	79	67	72	78	83	70	**75**	81	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

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1060*1A**

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	2050	MBh	56.7	57.9	61.9	66.2	55.4	56.6	60.4	64.6	54.1	55.2	59.0	63.1	52.7	53.9	57.6	61.5	50.1	51.2	54.7	58.5	46.4	47.4	50.7	54.2
		S/T	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	0.59	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	24	21	16	22	23	20	16	21	21	19	15
		KW	5.37	5.47	5.63	5.80	5.75	5.87	6.04	6.23	6.09	6.21	6.40	6.60	6.38	6.52	6.72	6.93	6.64	6.78	6.99	7.21	6.85	7.00	7.22	7.45
		AMPS	23.6	24.0	24.6	25.4	25.1	25.6	26.2	27.0	26.8	27.3	28.1	29.0	28.3	28.9	29.7	30.6	29.8	30.4	31.3	32.3	31.3	32.0	32.9	34.0
		HI PR	186	201	212	221	209	225	238	248	238	256	270	282	271	292	308	321	305	328	346	361	337	362	383	399
		LO PR	66	70	77	82	70	74	81	86	73	77	84	90	76	81	88	94	80	85	93	99	83	88	96	102
	1950	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	57.0	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6
		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
		Delta T	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	23	24	21	17	22	22	19	15
		KW	5.36	5.46	5.62	5.79	5.74	5.85	6.03	6.21	6.07	6.20	6.39	6.58	6.37	6.50	6.70	6.91	6.62	6.76	6.97	7.19	6.84	6.98	7.20	7.43
		AMPS	23.5	24.0	24.6	25.3	25.0	25.5	26.2	27.0	26.8	27.3	28.0	28.9	28.3	28.8	29.6	30.6	29.8	30.4	31.2	32.2	31.2	31.9	32.8	33.9
		HI PR	186	200	211	220	209	224	237	247	237	255	270	281	270	291	307	320	304	327	345	360	336	361	382	398
		LO PR	66	70	76	81	70	74	81	86	72	77	84	89	76	81	88	94	80	85	92	98	82	88	96	102
	1750	MBh	53.3	54.5	58.2	62.2	52.1	53.2	56.9	60.8	50.8	52.0	55.5	59.3	49.6	50.7	54.2	57.9	47.1	48.2	51.4	55.0	43.6	44.6	47.7	50.9
		S/T	0.89	0.84	0.68	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.02	0.95	0.78	0.58	1.02	0.96	0.78	0.58
		Delta T	25	24	21	17	25	24	21	17	25	24	21	17	26	24	21	17	25	24	21	17	23	23	20	16
		KW	5.28	5.38	5.54	5.70	5.65	5.76	5.94	6.12	5.98	6.10	6.29	6.48	6.27	6.40	6.60	6.80	6.52	6.65	6.86	7.08	6.73	6.87	7.09	7.31
		AMPS	23.2	23.6	24.2	24.9	24.6	25.1	25.8	26.6	26.4	26.9	27.6	28.5	27.8	28.4	29.2	30.1	29.3	29.9	30.7	31.7	30.8	31.4	32.3	33.3
		HI PR	182	196	207	216	204	220	232	242	232	250	264	276	265	285	301	314	298	321	338	353	329	354	374	390
		LO PR	65	69	75	80	68	73	79	84	71	75	82	88	74	79	86	92	78	83	91	96	81	86	94	100
85	2050	MBh	57.7	58.8	61.6	65.7	56.3	57.4	60.1	64.2	55.0	56.1	58.7	62.6	53.7	54.7	57.3	61.1	51.0	52.0	54.4	58.1	47.2	48.1	50.4	53.8
		S/T	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.81
		Delta T	26	25	24	21	25	26	24	21	25	25	24	21	24	25	24	21	23	23	24	21	21	22	23	19
		KW	5.41	5.52	5.68	5.85	5.79	5.91	6.09	6.27	6.13	6.26	6.45	6.65	6.43	6.57	6.77	6.98	6.69	6.83	7.04	7.27	6.91	7.05	7.28	7.51
		AMPS	23.7	24.2	24.8	25.5	25.2	25.7	26.4	27.2	27.0	27.6	28.3	29.2	28.5	29.1	29.9	30.9	30.1	30.7	31.5	32.6	31.6	32.2	33.1	34.2
		HI PR	188	203	214	223	211	227	240	250	240	259	273	285	274	295	311	324	308	331	350	365	340	366	387	403
		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
	1950	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
		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
		Delta T	26	26	24	21	26	26	25	21	26	26	25	21	25	26	25	22	24	24	25	21	22	22	23	20
		KW	5.40	5.50	5.66	5.83	5.78	5.90	6.07	6.26	6.12	6.24	6.43	6.63	6.42	6.55	6.75	6.97	6.67	6.81	7.02	7.25	6.89	7.04	7.26	7.49
		AMPS	23.7	24.1	24.8	25.5	25.2	25.7	26.4	27.2	27.0	27.5	28.2	29.1	28.5	29.1	29.9	30.8	30.0	30.6	31.5	32.5	31.5	32.1	33.1	34.1
		HI PR	188	202	213	223	211	227	239	250	240	258	272	284	273	294	310	323	307	330	349	364	339	365	385	402
		LO PR	66	71	77	82	70	75	82	87	73	78	85	90	77	82	89	95	80	86	93	99	83	88	97	103
	1750	MBh	54.3	55.3	57.9	61.8	53.0	54.0	56.6	60.4	51.7	52.7	55.2	58.9	50.5	51.4	53.9	57.5	47.9	48.9	51.2	54.6	44.4	45.3	47.4	50.6
		S/T	0.94	0.90	0.81	0.66	0.97	0.94	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.94	0.76
		Delta T	27	26	25	21	27	27	25	22	27	27	25	22	27	27	25	22	25	26	25	22	23	24	23	20
		KW	5.32	5.42	5.58	5.74	5.69	5.81	5.98	6.16	6.03	6.15	6.33	6.53	6.32	6.45	6.65	6.86	6.57	6.70	6.91	7.13	6.78	6.93	7.14	7.37
		AMPS	23.3	23.8	24.4	25.1	24.8	25.3	26.0	26.8	26.5	27.1	27.8	28.7	28.0	28.6	29.4	30.3	29.5	30.1	31.0	32.0	31.0	31.6	32.5	33.6
		HI PR	184	198	209	218	206	222	235	245	235	253	267	278	267	288	304	317	301	324	342	357	332	358	378	394
		LO PR	65	69	76	81	69	73	80	85	72	76	83	89	75	80	87	93	79	84	91	97	81	87	95	101

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

COOLING PERFORMANCE DATA

PERFORMANCE TEST

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

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

1. As indoor dry bulb temperatures increase, a slight increase will occur in indoor air temperature drop (ΔT). Low and high side pressures and power will not change.
2. As indoor CFM decreases, a slight increase will occur in indoor temperature drop (ΔT). 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 (**ΔT**) value shown.

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

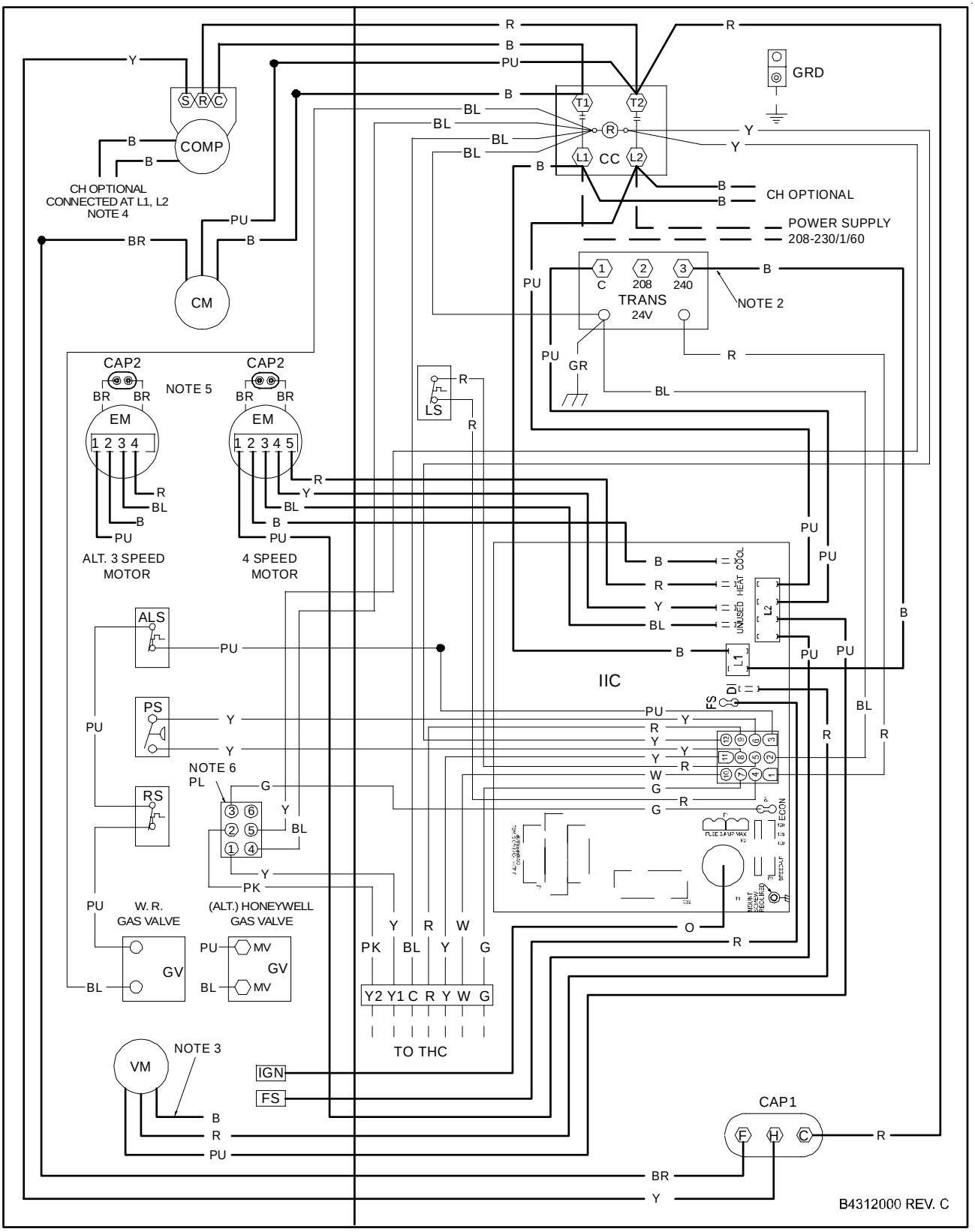
A properly operating unit should be within plus or minus **3 PSIG** of the **suction pressure** shown.

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

WIRING DIAGRAMS

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.

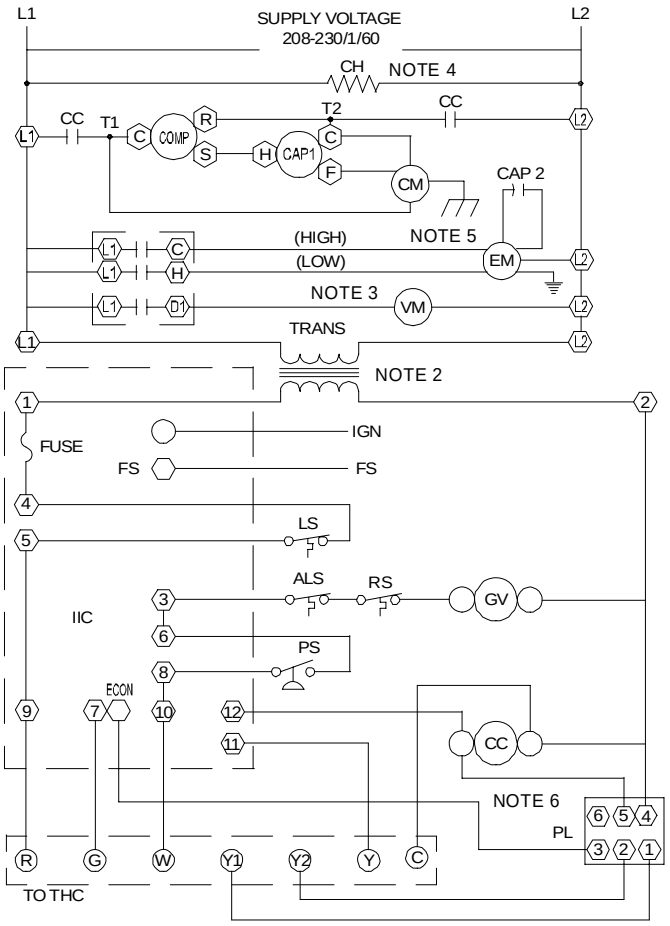


Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WIRING DIAGRAMS

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
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

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 LEAD (BLACK). IF EQUIPPED, CONNECT VENT MOTOR BLACK LEAD IN PLACE OF RED LEAD AT IIC (DI) FOR 208V OPERATION.
4. CRANKCASE HEATER (OPTIONAL).
5. FOR DIFFERENT THAN FACTORY SPEED TAP. CHANGE COOLING SPEED AT COOL TERMINAL (IIC). CHANGE HEATING SPEED AT HEAT TERMINAL (IIC)

4 SPEED MOTOR	3 SPEED MOTOR
B - HIGH SPEED	B - HIGH SPEED
BL - MEDIUM HIGH SPEED	BL - MEDIUM SPEED
Y - MEDIUM LOW SPEED	R - LOW SPEED
R - LOW SPEED	

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

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

B4312000 REV. C

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