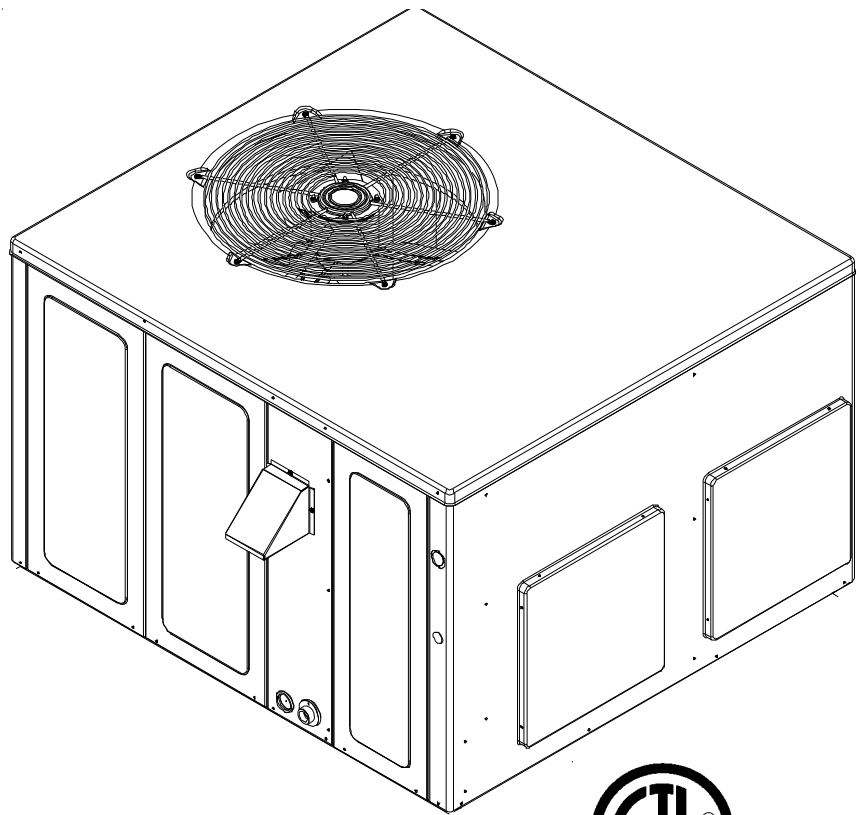


TECHNICAL MANUAL

*PG12

Package Gas Unit

- 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.

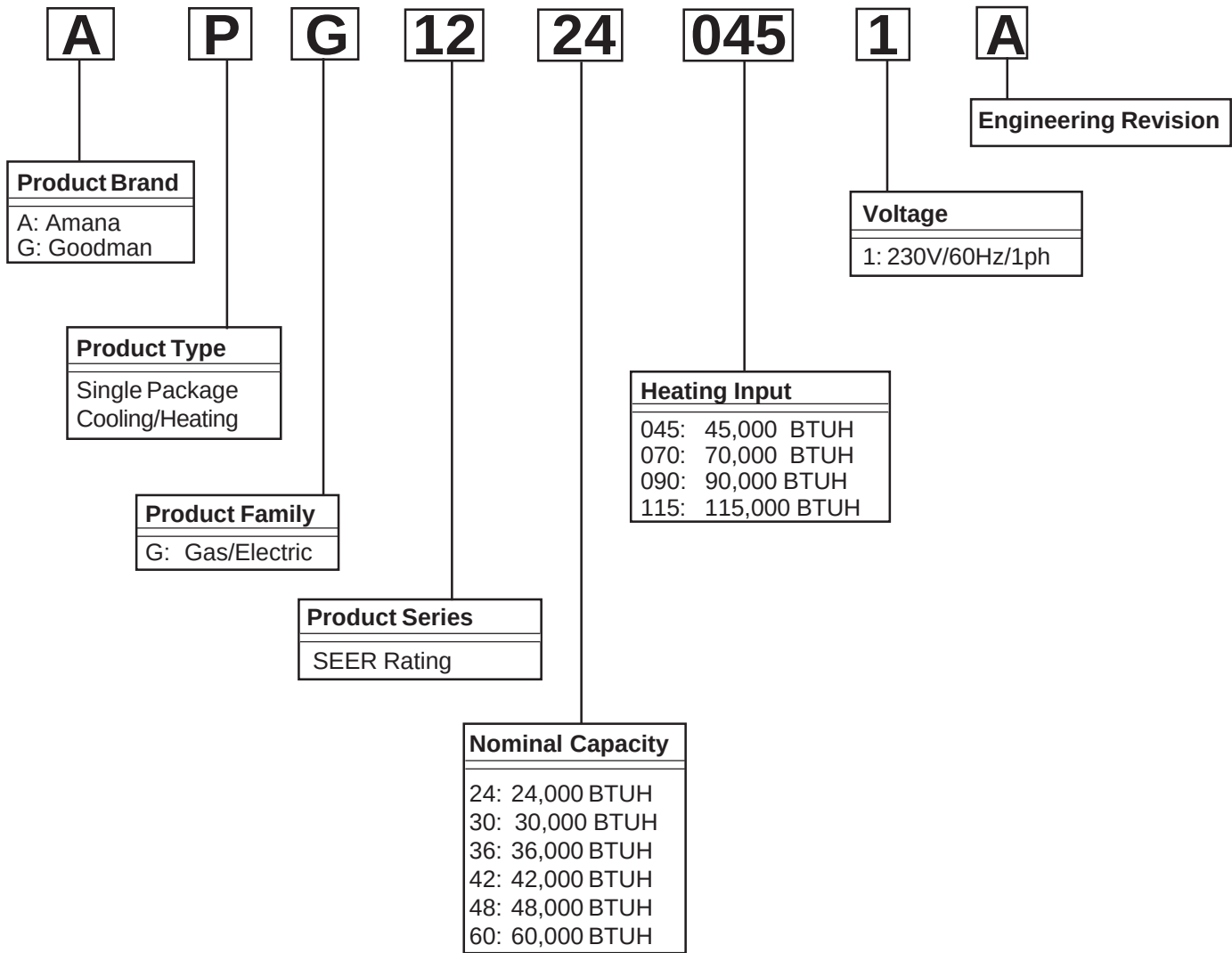


This manual is to be used by qualified, professionally trained HVAC technicians only. Goodman does not assume any responsibility for property damage or personal injury due to improper service procedures or services performed by an unqualified person.

RT6311005 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.

APG12240451A	GPG12240451A
APG12240701A	GPG12240701A
APG12300701A	GPG12300701A
APG12360701A	GPG12360701A
APG12360901A	GPG12360901A
APG12420701A	GPG12420701A
APG12420901A	GPG12420901A
APG12480901A	GPG12480901A
APG12481151A	GPG12481151A
APG12600901A	GPG12600901A
APG12601151A	GPG12601151A



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

*PG12 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 permanent split capacitor type motors.

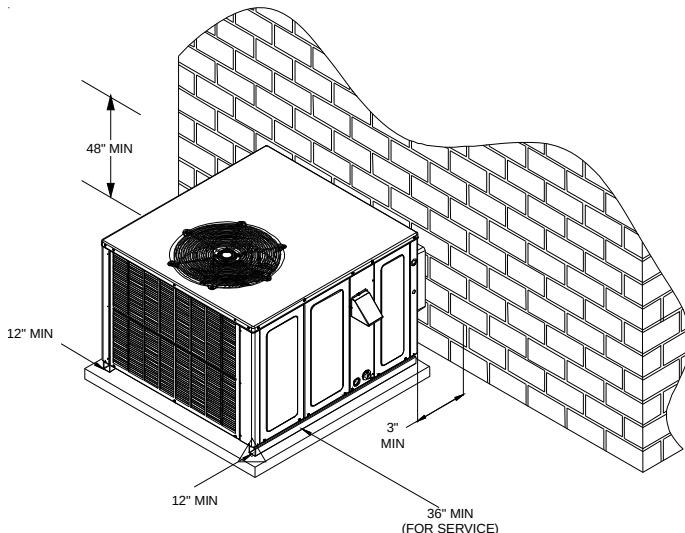
Air for condensing (cooling cycle) is drawn through the outdoor coil by a propeller fan, and is discharged vertically out the top of the unit. The outdoor coil is designed for .0 static. No additional restriction (ductwork) shall be applied.

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 *PG12 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



NOTE: Roof overhang should be no more than 36".

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 ANSI Z223.1.

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 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.

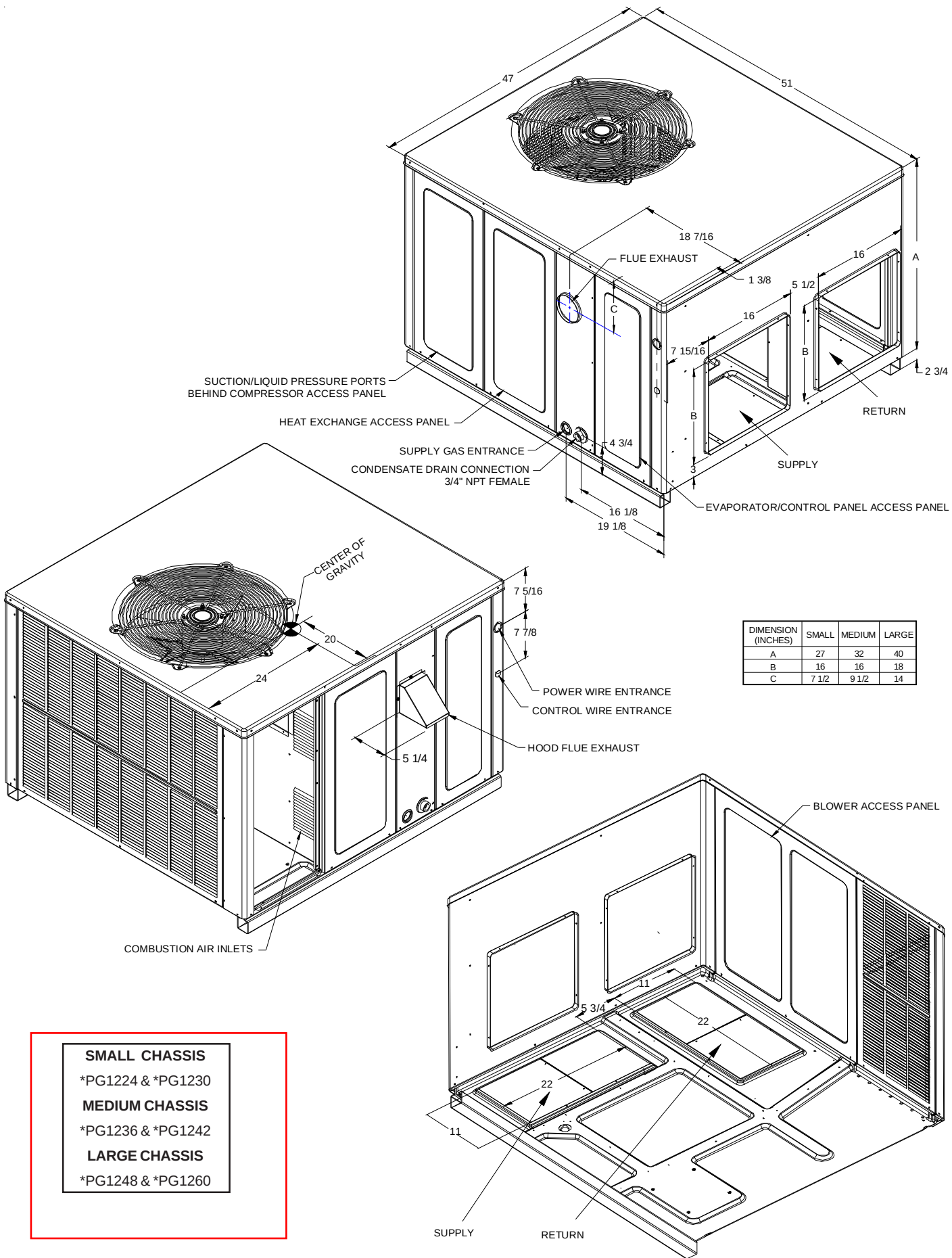
NATURAL GAS AND LP GAS INSTALLATIONS AT ALTITUDES > 2000 FT

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	-	-	-	-

PRODUCT DIMENSIONS



PACKAGE COOLING SPECIFICATIONS

		*PG12240451A	*PG12240701A	*PG12300701A	*PG12360701A	*PG12360901A	*PG12420701A
COOLING CAPACITY	COOLING CAPACITY, BTUH	24,000	24,000	29,000	35,800	35,800	40,600
	SEER	12.00	12.00	12.00	12.00	12.00	12.00
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	46,000	69,000	69,000	69,000	92,000	69,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	36,700	55,000	55,000	55,000	72,900	55,000
	AFUE (%)	80	80	80	80	80	80
	TEMPERATURE RISE (°F)	30 - 60	35 - 65	35 - 65	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	208-230/1/60
	UNIT AMPS (TOTAL)	10.1	10.1	12.2	15.6	15.6	18.3
	MINIMUM CIRCUIT AMPACITY	15.5	15.5	16.2	22.1	22.1	28.6
	MAXIMUM OVERCURRENT PROTECTION ³	20	20	30	30	30	40
HEATING SECTION	NUMBER OF BURNERS	2	3	3	3	4	3
	ORIFICE SIZE NATURAL	43	43	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55	55	55
COMPRESSOR	TYPE	RECIP	RECIP	RECIP	RECIP	RECIP	SCROLL
	RATED LOAD AMPS	10.2	10.2	10.8	14.5	14.5	19.3
	LOCKED ROTOR AMPS	51	51	60	82	82	104
CONDENSER FAN MOTOR	HORSEPOWER	1/6	1/6	1/6	1/4	1/4	1/4
	RPM	850	850	850	1075	1075	1075
	FULL LOAD AMPS	0.8	0.8	0.8	1.8	1.8	1.8
	LOCKED ROTOR AMPS	1.7	1.7	1.7	3.8	3.8	3.8
CONDENSER FAN	BLADE DIAMETER (INCHES)	22	22	22	22	22	22
	NUMBER OF BLADES	3	3	3	3	3	3
	CFM	2400	2400	2400	2700	2700	2700
CONDENSER COIL	FACE AREA - SQ. FT.	10.5	10.5	10.5	12.4	12.4	12.4
	NUMBER OF ROWS	1	1	1	1	1	2
	FINS PER INCH	19	19	19	19	19	16
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/3 - 4	1/3 - 4	1/3 - 4	1/3 - 4	1/3 - 4	3/4 - 3
	FULL LOAD AMPS	1.9	1.9	1.9	2.1	2.1	2.6
	LOCKED ROTOR AMPS	3.6	3.6	3.6	3.6	3.6	5
	MOTOR SPEED TAP - COOLING	Low	Low	Med-Lo	Med-Hi	Med-Hi	Med
	RPM / AMPS	970/1.1	970/1.1	1,000/1.4	1,070/1.7	1,070/1.7	940/2.5
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10" x 8"	10" x 8"	10" x 8"	10" x 9"	10" x 9"	11" x 10"
	RATED SCFM COOLING	800	800	1000	1250	1250	1400
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	3.67	3.67	3.67	4.33	4.33	4.33
	NUMBER OF ROWS	3	3	4	4	4	4
	FINS PER INCH	14	14	14	14	14	14
	FILTER SIZE - SQ. FT. ²	2.70	2.70	3.30	4.20	4.20	4.70
	DRAIN SIZE (INCHES)	3/4	3/4	3/4	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	150	160	160	160	160	160
	AUXILIARY LIMIT SETTING (°F)	150	150	150	150	150	150
	ROLLOUT LIMIT SETTING (°F)	300	300	300	300	300	300
GENERAL INFORMATION	PISTON EXPANSION DEVICE	0.059	0.059	0.062	0.071	0.071	0.078
	REFRIGERANT CHARGE R-22 (Oz.)	64	64	73	85	85	105
	POWER SUPPLY ENTRANCE SIZE (INCHES)	1 1/8	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	7/8
	SHIPPING WEIGHT LBS.	393	398	404	446	451	479
	OPERATING WEIGHT LBS.	371	376	382	424	429	457

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

		*PG12420901A	*PG12480901A	*PG12481151A	*PG12600901A	*PG12601151A
COOLING CAPACITY	COOLING CAPACITY, BTUH	40,600	47,000	47,000	55,000	55,000
	SEER	12.00	12.00	12.00	12.00	12.00
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	92,000	92,000	115,000	92,000	115,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	72,900	72,900	91,200	72,900	91,200
	AFUE (%)	80	80	80	80	80
	TEMPERATURE RISE (°F)	45 - 75	45 - 75	45 - 75	45 - 75	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)	18.3	19.7	19.7	23.5	23.5
	MINIMUM CIRCUIT AMPACITY	28.6	30.0	30.0	32.0	32.0
	MAXIMUM OVERCURRENT PROTECTION ³	40	40	40	50	50
HEATING SECTION	NUMBER OF BURNERS	4	4	5	4	5
	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	19.3	18.3	18.3	19.9	19.9
	LOCKED ROTOR AMPS	104	109	109	137	137
CONDENSER FAN MOTOR	HORSEPOWER	1/4	1/3	1/3	1/3	1/3
	RPM	1075	1075	1075	1075	1075
	FULL LOAD AMPS	1.8	2.4	2.4	2.4	2.4
	LOCKED ROTOR AMPS	3.8	5.2	5.2	5.2	5.2
CONDENSER FAN	BLADE DIAMETER (INCHES)	22	22	22	22	22
	NUMBER OF BLADES	3	3	3	4	4
	CFM	2700	3500	3500	3500	3500
CONDENSER COIL	FACE AREA - SQ. FT.	12.4	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 -3	3/4 -3	3/4 -3	3/4 -3	3/4 -3
	FULL LOAD AMPS	2.6	4.7	4.7	4.7	4.7
	LOCKED ROTOR AMPS	5	12.2	12.2	12.2	12.2
	MOTOR SPEED TAP - COOLING	Med	Med	Med	High	High
	RPM / AMPS	940/2.5	990/3.1	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"	11" x 10"	11" x 10"
	RATED SCFM COOLING	1400	1525	1525	1900	1900
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	4.33	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	5.1	5.1	6.3	6.3
	DRAIN SIZE (INCHES)	3/4	3/4	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	160	160	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	0.078	0.084	0.084	0.089	0.089
	REFRIGERANT CHARGE R-22 (Oz.)	105	116	116	128	128
	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.	484	540	547	550	557
	OPERATING WEIGHT LBS.	462	518	525	528	535

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.

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

*PG12240451A								
UNIT STATIC	LOW		MED		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	935	36	1149	NR	1347	NR	1436	NR
0.2	903	37	1111	30	1292	NR	1365	NR
0.3	853	39	1054	32	1233	NR	1301	NR
0.4	831	40	1011	33	1156	NR	1227	NR
0.5	780	43	954	35	1099	30	1149	NR
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

*PG12240701A, *PG12300701A								
UNIT STATIC	LOW		MED		MED-HIGH		HIGH	
	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	NR	954	54	1099	47	1149	45
0.6	717	NR	890	58	1014	51	1065	49
0.7	665	NR	824	63	939	55	981	53
0.8	575	NR	737	NR	835	62	895	58

*PG12360701A								
UNIT STATIC	LOW		MED		MED-HIGH		HIGH	
	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	-	-	-	-	-	-	-	-

*PG12360901A								
UNIT STATIC	LOW		MED		MED-HIGH		HIGH	
	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	NR	1015	66	1145	58	1175	57
0.5	-	-	940	71	1055	63	1090	61
0.6	-	-	850	NR	950	70	995	NR
0.7	-	-	-	-	835	NR	875	NR
0.8	-	-	-	-	-	-	-	-

* NR Not Recommended

NOTES:

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

BLOWER PERFORMANCE DATA

*PG12420701A									
UNIT	LOW			MED			HIGH		
	STATIC	CFM	RISE	CFM	RISE	CFM	CFM	RISE	RISE
0.1		-	-	-	-	-	-	-	-
0.2		1180	44	1425	36	1610	1610	NR	NR
0.3		1140	45	1365	38	1545	1545	NR	NR
0.4		1085	48	1310	40	1480	1480	35	35
0.5		1025	51	1245	42	1385	1385	37	37
0.6		970	53	1175	44	1325	1325	39	39
0.7		-	-	1095	47	1250	1250	41	41
0.8		-	-	1000	52	1145	1145	45	45

APG12420901A									
UNIT	LOW			MED			HIGH		
	STATIC	CFM	RISE	CFM	RISE	CFM	CFM	RISE	RISE
0.1		-	-	-	-	-	-	-	-
0.2		1180	56	1425	47	1610	1610	NR	NR
0.3		1140	58	1365	49	1545	1545	NR	NR
0.4		1085	61	1310	51	1480	1480	45	45
0.5		1025	65	1245	54	1385	1385	48	48
0.6		970	69	1175	57	1325	1325	50	50
0.7		-	-	1095	61	1250	1250	53	53
0.8		-	-	1000	67	1145	1145	58	58

*PG12480901A, *PG12600901A									
UNIT	LOW			MED			HIGH		
	STATIC	CFM	RISE	CFM	RISE	CFM	CFM	RISE	RISE
0.1		1437	46	1718	NR	2287	2287	NR	NR
0.2		1415	47	1662	NR	2212	2212	NR	NR
0.3		1379	48	1633	NR	2149	2149	NR	NR
0.4		1347	49	1579	NR	2077	2077	NR	NR
0.5		1305	51	1517	NR	1986	1986	NR	NR
0.6		1258	53	1445	46	1897	1897	NR	NR
0.7		1186	56	1383	48	1798	1798	NR	NR
0.8		1124	59	1296	51	1697	1697	NR	NR

*PG12481151A									
UNIT	LOW			MED			HIGH		
	STATIC	CFM	RISE	CFM	RISE	CFM	CFM	RISE	RISE
0.1		1437	59	1718	50	2287	2287	NR	NR
0.2		1415	60	1662	51	2212	2212	NR	NR
0.3		1379	62	1633	52	2149	2149	NR	NR
0.4		1347	63	1579	54	2077	2077	NR	NR
0.5		1305	65	1517	56	1986	1986	NR	NR
0.6		1258	68	1445	59	1897	1897	45	45
0.7		1186	72	1383	62	1798	1798	47	47
0.8		1124	NR	1296	66	1697	1697	50	50

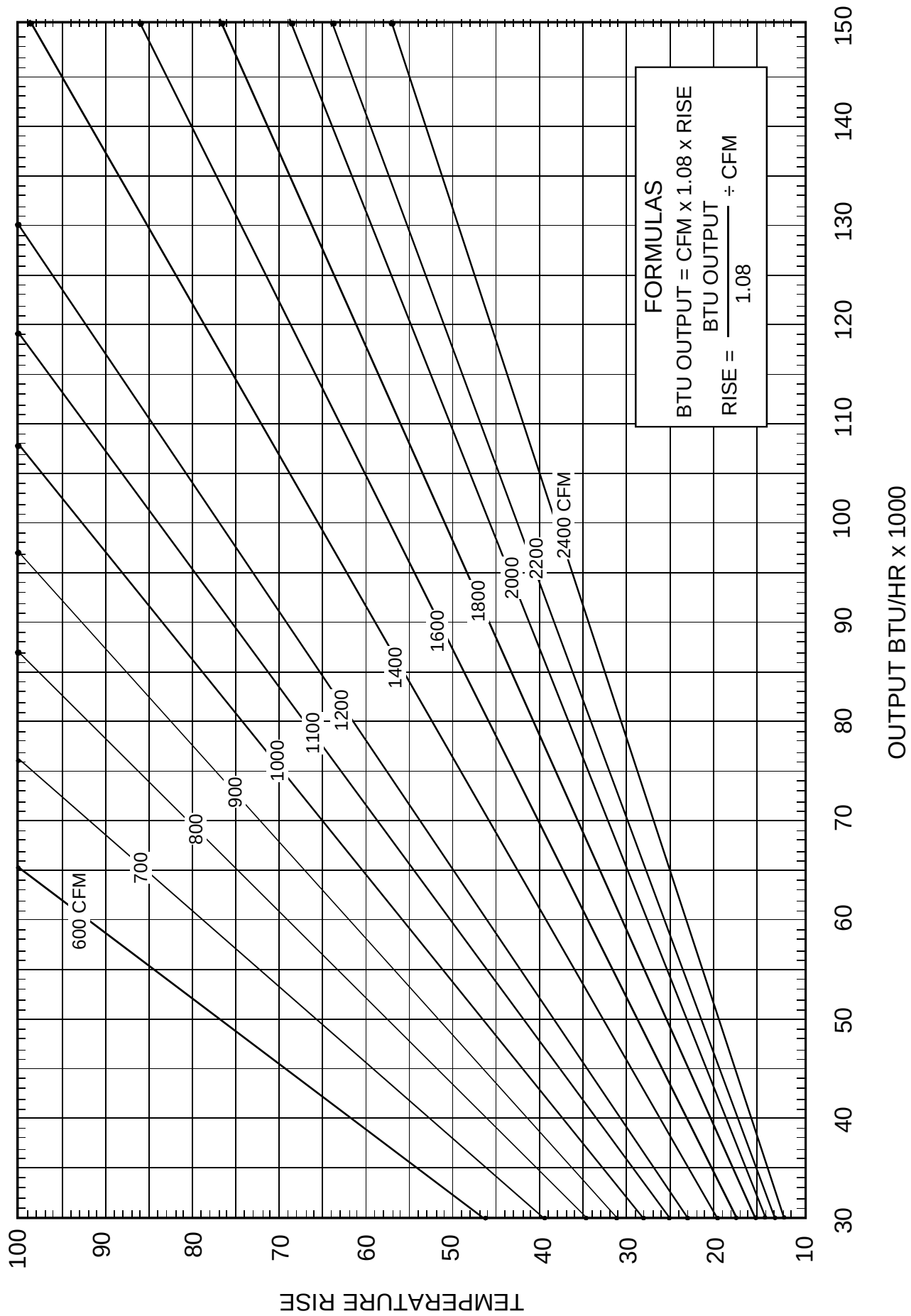
APG12601151A									
UNIT	LOW			MED			HIGH		
	STATIC	CFM	RISE	CFM	RISE	CFM	CFM	RISE	RISE
0.1		1437	59	1718	50	2287	2287	NR	NR
0.2		1415	60	1662	51	2212	2212	NR	NR
0.3		1379	62	1633	52	2149	2149	NR	NR
0.4		1347	63	1579	54	2077	2077	NR	NR
0.5		1305	65	1517	56	1986	1986	NR	NR
0.6		1258	68	1445	59	1897	1897	45	45
0.7		1186	72	1383	62	1798	1798	47	47
0.8		1124	NR	1296	66	1697	1697	50	50

NOTES:

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

BLOWER PERFORMANCE DATA

BTU OUTPUT vs TEMPERATURE RISE CHART



COOLING PERFORMANCE DATA

*PG1224***1A

EXPANDED PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: *PG1224***1A

IDB*		Outdoor Ambient Temperature																													
		65				75				85				95				105				115									
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71		
70	900	Airflow	MBh	23.5	24.4	26.7	-	23.0	23.8	26.1	-	22.4	23.2	25.5	-	21.9	22.7	24.8	-	20.8	21.5	23.6	-	19.3	20.0	21.9	-	19.3	20.0	21.9	-
		S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	
		KW	1.84	1.88	1.93	-	1.97	2.01	2.08	-	2.09	2.14	2.21	-	2.20	2.25	2.32	-	2.29	2.34	2.41	-	2.37	2.42	2.50	-	2.37	2.42	2.50	-	
		AMPS	7.9	8.0	8.3	-	8.4	8.6	8.8	-	9.0	9.2	9.5	-	9.5	9.7	10.0	-	10.1	10.3	10.6	-	10.6	10.8	11.1	-	10.6	10.8	11.1	-	
		HI PR	153	164	174	-	171	185	195	-	195	210	222	-	222	239	252	-	250	269	284	-	276	297	314	-	276	297	314	-	
800	800	LO PR	65	69	75	-	68	73	79	-	71	75	82	-	74	79	87	-	78	83	91	-	81	86	94	-	81	86	94	-	
		MBh	22.8	23.7	25.9	-	22.3	23.1	25.3	-	21.8	22.6	24.7	-	21.2	22.0	24.1	-	20.2	20.9	22.9	-	18.7	19.4	21.2	-	18.7	19.4	21.2	-	
		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	0.68	0.47	-	
		Delta T	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-	18	15	12	-	
		KW	1.82	1.86	1.92	-	1.96	2.00	2.06	-	2.08	2.12	2.19	-	2.18	2.23	2.30	-	2.27	2.32	2.40	-	2.35	2.40	2.48	-	2.35	2.40	2.48	-	
		AMPS	7.8	8.0	8.2	-	8.3	8.5	8.7	-	8.9	9.1	9.4	-	9.5	9.7	9.9	-	10.0	10.2	10.5	-	10.5	10.7	11.0	-	10.5	10.7	11.0	-	
700	700	HI PR	151	163	172	-	170	183	193	-	193	208	219	-	220	237	250	-	247	266	281	-	273	294	311	-	273	294	311	-	
		LO PR	64	68	74	-	68	72	78	-	70	75	82	-	74	78	86	-	77	82	90	-	80	85	93	-	80	85	93	-	
		MBh	21.1	21.8	23.9	-	20.6	21.3	23.4	-	20.1	20.8	22.8	-	19.6	20.3	22.3	-	18.6	19.3	21.1	-	17.3	17.9	19.6	-	17.3	17.9	19.6	-	
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	0.80	0.66	0.46	-	
		Delta T	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-	
		KW	1.78	1.82	1.87	-	1.91	1.95	2.01	-	2.03	2.07	2.14	-	2.13	2.18	2.24	-	2.22	2.26	2.34	-	2.29	2.34	2.42	-	2.29	2.34	2.42	-	
700	700	AMPS	7.7	7.8	8.0	-	8.2	8.3	8.5	-	8.7	8.9	9.2	-	9.2	9.4	9.7	-	9.7	9.9	10.2	-	10.2	10.4	10.8	-	10.2	10.4	10.8	-	
		HI PR	147	158	167	-	165	177	187	-	187	202	213	-	213	230	242	-	240	258	273	-	265	285	301	-	265	285	301	-	
		LO PR	62	66	72	-	66	70	76	-	68	72	79	-	72	76	83	-	75	80	87	-	78	82	90	-	78	82	90	-	

900	MBh	23.9	24.6	26.7	28.6	23.4	24.1	26.0	27.9	22.8	23.5	25.4	27.3	22.2	22.9	24.8	26.6	21.1	21.8	23.6	25.3	19.6	20.2	21.8	23.4
	S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43
	Delta T	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
	KW	1.85	1.89	1.95	2.01	1.99	2.03	2.09	2.16	2.11	2.16	2.22	2.30	2.22	2.27	2.34	2.41	2.31	2.36	2.43	2.52	2.39	2.44	2.52	2.60
	AMPS	7.9	8.1	8.3	8.6	8.5	8.6	8.9	9.2	9.1	9.3	9.5	9.8	9.6	9.8	10.1	10.4	10.1	10.3	10.6	11.0	10.7	10.9	11.2	11.6
	HI PR	154	166	175	183	173	186	197	205	197	212	224	233	224	241	255	266	252	272	287	299	279	300	317	331
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	
800	MBh	23.2	23.9	25.9	27.8	22.7	23.4	25.3	27.1	22.1	22.8	24.7	26.5	21.6	22.2	24.1	25.8	20.5	21.1	22.9	24.5	19.0	19.6	21.2	22.7
	S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
	Delta T	22	20	16	11	22	20	17	11	22	20	17	12	22	20	17	12	22	20	17	11	20	19	15	11
	KW	1.84	1.88	1.93	1.99	1.97	2.02	2.08	2.14	2.09	2.14	2.21	2.28	2.20	2.25	2.32	2.39	2.29	2.34	2.42	2.49	2.37	2.42	2.50	2.58
	AMPS	7.9	8.0	8.3	8.5	8.4	8.6	8.8	9.1	9.0	9.2	9.5	9.8	9.5	9.7	10.0	10.3	10.1	10.3	10.6	10.9	10.6	10.8	11.1	11.5
	HI PR	153	164	174	181	172	185	195	203	195	210	222	231	222	239	252	263	250	269	284	296	276	297	314	327
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	
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	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
	Delta T	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
	KW	1.80	1.83	1.89	1.95	1.93	1.97	2.03	2.09	2.04	2.09	2.15	2.22	2.15	2.19	2.26	2.34	2.23	2.28	2.36	2.43	2.31	2.36	2.44	2.52
	AMPS	7.7	7.9	8.1	8.3	8.2	8.4	8.6	8.9	8.8	9.0	9.2	9.5	9.3	9.5	9.8	10.1	9.8	10.0	10.3	10.6	10.3	10.5	10.8	11.2
	HI PR	148	160	168	176	166	179	189	197	189	204	215	224	215	232	245	255	242	261	275	287	268	288	304	317
LO PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97	

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1224***1A

		Outdoor Ambient Temperature												115																		
		65						75						85						95						105						
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	
		Entering Indoor Wet Bulb Temperature																														
80	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	100	105	110	115	120	125	130
	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	100	105	110	115	120	125	130
	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	100	105	110	115	120	125	130
	KW	1.87	1.90	1.96	2.02	2.01	2.05	2.11	2.18	2.13	2.17	2.24	2.31	2.24	2.28	2.36	2.43	2.33	2.38	2.46	2.54	2.41	2.46	2.54	2.62	100	105	110	115	120	125	130
	AMPS	8.0	8.2	8.4	8.6	8.5	8.7	8.9	9.2	9.2	9.3	9.6	9.9	9.7	9.9	10.2	10.5	10.2	10.4	10.7	11.1	10.7	11.0	11.3	11.7	100	105	110	115	120	125	130
	LO PR	156	168	177	185	175	188	199	207	199	214	226	236	227	244	258	269	255	274	290	302	282	303	320	334	100	105	110	115	120	125	130
800	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	100	105	110	115	120	125	130
	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	100	105	110	115	120	125	130
	Delta T	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	23	20	16	22	22	19	15	100	105	110	115	120	125	130
	KW	1.85	1.89	1.95	2.01	1.99	2.03	2.09	2.16	2.11	2.16	2.22	2.30	2.22	2.27	2.34	2.41	2.31	2.36	2.44	2.52	2.39	2.44	2.52	2.60	100	105	110	115	120	125	130
	AMPS	7.9	8.1	8.3	8.6	8.5	8.6	8.9	9.2	9.1	9.3	9.5	9.8	9.6	9.8	10.1	10.4	10.1	10.4	10.7	11.0	10.7	10.9	11.2	11.6	100	105	110	115	120	125	130
	LO PR	154	166	175	183	173	186	197	205	197	212	224	234	224	241	255	266	252	272	287	299	279	300	317	331	100	105	110	115	120	125	130
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	100	105	110	115	120	125	130
	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	100	105	110	115	120	125	130
	Delta T	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	15	100	105	110	115	120	125	130
	KW	1.81	1.85	1.90	1.96	1.94	1.98	2.04	2.11	2.06	2.10	2.17	2.24	2.16	2.21	2.28	2.35	2.25	2.30	2.38	2.45	2.33	2.38	2.46	2.54	100	105	110	115	120	125	130
	AMPS	7.8	7.9	8.1	8.4	8.3	8.4	8.7	8.9	8.9	9.1	9.3	9.6	9.4	9.6	9.9	10.2	9.9	10.1	10.4	10.7	10.4	10.6	10.9	11.3	100	105	110	115	120	125	130
	LO PR	150	161	170	177	168	181	191	199	191	206	217	227	218	234	247	258	245	264	278	290	271	291	307	321	100	105	110	115	120	125	130

900	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	100	105	110	115	120	125	130
	S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80	100	105	110	115	120	125	130
	Delta T	25	25	23	20	25	25	23	20	24	25	23	20	24	24	24	20	22	23	23	20	21	21	22	19	100	105	110	115	120	125	130
	KW	1.88	1.92	1.98	2.04	2.02	2.06	2.13	2.20	2.14	2.19	2.26	2.33	2.25	2.30	2.38	2.45	2.35	2.40	2.48	2.56	2.43	2.48	2.56	2.65	100	105	110	115	120	125	130
	AMPS	8.1	8.2	8.4	8.7	8.6	8.8	9.0	9.3	9.2	9.4	9.7	10.0	9.8	10.0	10.3	10.6	10.3	10.5	10.8	11.2	10.8	11.1	11.4	11.8	100	105	110	115	120	125	130
	LO PR	157	169	179	187	177	190	201	209	201	216	228	238	229	246	260	271	258	277	293	305	285	306	323	337	100	105	110	115	120	125	130
800	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	100	105	110	115	120	125	130
	S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76	100	105	110	115	120	125	130
	Delta T	26	26	24	21	26	26	24	21	26	26	24	21	26	26	25	21	24	25	24	21	23	23	23	20	100	105	110	115	120	125	130
	KW	1.87	1.90	1.96	2.02	2.01	2.05	2.11	2.18	2.13	2.17	2.24	2.31	2.24	2.28	2.36	2.43	2.33	2.38	2.46	2.54	2.41	2.46	2.54	2.62	100	105	110	115	120	125	130
	AMPS	8.0	8.2	8.4	8.6	8.5	8.7	8.9	9.2	9.2	9.3	9.6	9.9	9.7	9.9	10.2	10.5	10.2	10.4	10.7	11.1	10.7	11.0	11.3	11.7	100	105	110	115	120	125	130
	LO PR	156	168	177	185	175	188	199	207	199	214	226	236	227	244	258	269	255	274	290	302	282	303	320	334	100	105	110	115	120	125	130
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	100	105	110	115	120	125	130
	S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73	100	105	110	115	120	125	130
	Delta T	26	26	25	21	27	26	25	21	27	26	25	22	27	26	25	22	26	26	25	21	24	24	23	20	100	105	110	115	120	125	130
	KW	1.82	1.86	1.92	1.98	1.96	2.00	2.06	2.13	2.08	2.12	2.19	2.26	2.18	2.23	2.30	2.37	2.27	2.32	2.39	2.47	2.35	2.40	2.48	2.56	100	105	110	115	120	125	130
	AMPS	7.8	8.0	8.2	8.4	8.3	8.5	8.7	9.0	8.9	9.1	9.4	9.7	9.5	9.7	9.9	10.2	10.0	10.2	10.5	10.8	10.5	10.7	11.0	11.4	100	105	110	115	120	125	130
	LO PR	151	163	172	179	170	183	193	201	193	208	219	229	220	237	250	261	247	266	281	293	273	294	311	324	100	105	110	115	120	125	130

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

COOLING PERFORMANCE DATA

*PG1230***1A

EXPANDED PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: *PG1230***1A

IDB*		Outdoor Ambient Temperature																													
		65					75					85					95					105					115				
		59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	71	59	63	67	71	
70	1125	Airflow	Entering Indoor Wet Bulb Temperature																												
		MBh	28.4	29.5	32.3	-	27.8	28.8	31.5	-	27.1	28.1	30.8	-	26.4	27.4	30.0	-	25.1	26.0	28.5	-	23.3	24.1	26.4	-					
		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	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-					
		KW	2.22	2.26	2.33	-	2.38	2.43	2.50	-	2.52	2.58	2.66	-	2.65	2.71	2.79	-	2.76	2.81	2.90	-	2.85	2.91	3.00	-					
	AMPS	9.5	9.7	9.9	-	10.1	10.3	10.6	-	10.9	11.1	11.4	-	11.5	11.7	12.1	-	12.1	12.4	12.8	-	12.8	13.0	13.4	-						
	HI PR	160	172	182	-	180	193	204	-	204	220	232	-	233	251	265	-	262	282	298	-	290	312	329	-						
	LO PR	67	71	77	-	70	75	82	-	73	78	85	-	77	82	89	-	80	86	93	-	83	89	97	-						
	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	-					
		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	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-						
KW		2.20	2.25	2.31	-	2.36	2.41	2.48	-	2.50	2.56	2.64	-	2.63	2.68	2.77	-	2.73	2.79	2.88	-	2.83	2.89	2.98	-						
AMPS		9.4	9.6	9.9	-	10.0	10.3	10.5	-	10.8	11.0	11.3	-	11.4	11.6	12.0	-	12.0	12.3	12.7	-	12.7	12.9	13.3	-						
875	HI PR	159	171	180	-	178	192	202	-	202	218	230	-	231	248	262	-	259	279	295	-	287	308	326	-						
	LO PR	66	70	77	-	70	74	81	-	72	77	84	-	76	81	88	-	80	85	93	-	82	88	96	-						
	MBh	25.5	26.4	28.9	-	24.9	25.8	28.2	-	24.3	25.2	27.6	-	23.7	24.6	26.9	-	22.5	23.3	25.6	-	20.8	21.6	23.7	-						
	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	-	19	17	13	-	18	16	12	-						
	KW	2.15	2.20	2.26	-	2.31	2.36	2.43	-	2.45	2.50	2.57	-	2.57	2.62	2.70	-	2.67	2.73	2.81	-	2.76	2.82	2.91	-						
	AMPS	9.2	9.4	9.6	-	9.8	10.0	10.3	-	10.5	10.7	11.0	-	11.1	11.4	11.7	-	11.8	12.0	12.3	-	12.4	12.6	13.0	-						
	HI PR	154	166	175	-	173	186	196	-	196	211	223	-	224	241	254	-	252	271	286	-	278	299	316	-						
	LO PR	64	68	74	-	68	72	78	-	70	75	82	-	74	78	86	-	77	82	90	-	80	85	93	-						

75	1125	MBh	28.9	29.8	32.2	34.6	28.2	29.1	31.5	33.8	27.6	28.4	30.7	33.0	26.9	27.7	30.0	32.2	25.5	26.3	28.5	30.5	23.7	24.4	26.4	28.3
		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	0.45
		Delta T	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	19	18	15	10
		KW	2.24	2.28	2.35	2.42	2.40	2.45	2.52	2.60	2.54	2.60	2.68	2.76	2.67	2.73	2.81	2.90	2.78	2.84	2.93	3.02	2.87	2.93	3.03	3.13
		AMPS	9.6	9.8	10.0	10.3	10.2	10.4	10.7	11.0	10.9	11.2	11.5	11.9	11.6	11.8	12.2	12.6	12.2	12.5	12.9	13.3	12.9	13.1	13.5	14.0
	1000	HI PR	162	174	184	192	182	195	206	215	207	222	235	245	235	253	267	279	265	285	301	314	292	315	332	347
		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
		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
		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	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	16	11
875	1000	KW	2.22	2.26	2.33	2.40	2.38	2.43	2.50	2.58	2.52	2.58	2.66	2.74	2.65	2.71	2.79	2.88	2.76	2.82	2.90	3.00	2.85	2.91	3.00	3.10
		AMPS	9.5	9.7	9.9	10.3	10.1	10.3	10.6	11.0	10.9	11.1	11.4	11.8	11.5	11.7	12.1	12.5	12.1	12.4	12.8	13.2	12.8	13.0	13.4	13.9
		HI PR	160	172	182	190	180	194	204	213	205	220	232	242	233	251	265	276	262	282	298	311	290	312	329	343
		LO PR	67	71	77	82	70	75	82	87	73	78	85	90	77	82	89	95	80	86	93	100	83	89	97	103
		MBh	25.9	26.7	28.9	31.0	25.3	26.0	28.2	30.3	24.7	25.4	27.5	29.5	24.1	24.8	26.8	28.8	22.9	23.6	25.5	27.4	21.2	21.8	23.6	25.4
	875	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	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
		KW	2.17	2.21	2.28	2.35	2.33	2.37	2.45	2.52	2.46	2.52	2.59	2.67	2.59	2.64	2.72	2.81	2.69	2.75	2.83	2.93	2.78	2.84	2.93	3.02
		AMPS	9.3	9.5	9.7	10.0	9.9	10.1	10.4	10.7	10.6	10.8	11.1	11.5	11.2	11.5	11.8	12.2	11.8	12.1	12.4	12.9	12.5	12.7	13.1	13.5
		HI PR	155	167	177	184	174	188	198	207	198	214	225	235	226	243	257	268	254	274	289	301	281	302	319	333
		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

* Entering Indoor Dry Bulb Temperature NOTE: Shaded area is ACCA (TVA) conditions

COOLING PERFORMANCE DATA

*PG1230***1A

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1230***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	1125	MBh	29.4	30.1	32.1	34.3	28.7	29.4	31.4	33.5	28.0	28.7	30.6	32.7	27.4	28.0	29.9	31.9	26.0	26.6	28.4	30.3	24.1	24.6	26.3	28.1							
		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							
		Delta T	24	22	20	16	23	23	20	16	23	23	20	16	22	23	20	16	21	22	20	16	20	20	18	15							
		KW	2.25	2.30	2.37	2.44	2.42	2.47	2.54	2.62	2.56	2.62	2.70	2.78	2.69	2.75	2.84	2.93	2.80	2.86	2.95	3.05	2.89	2.96	3.05	3.15							
		AMPS	9.6	9.8	10.1	10.4	10.3	10.5	10.8	11.1	11.0	11.3	11.6	12.0	11.7	11.9	12.3	12.7	12.3	12.6	13.0	13.4	13.0	13.3	13.7	14.1							
		HI PR	164	176	186	194	183	197	208	217	209	225	237	247	238	256	270	282	267	288	304	317	295	318	336	350							
	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								
80	1000	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/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	25	24	21	16	25	24	21	16	24	24	21	17	23	24	21	16	21	22	19	15							
		KW	2.24	2.28	2.35	2.42	2.40	2.45	2.52	2.60	2.54	2.60	2.68	2.76	2.67	2.73	2.81	2.90	2.78	2.84	2.93	3.02	2.87	2.93	3.03	3.13							
		AMPS	9.6	9.8	10.0	10.3	10.2	10.4	10.7	11.0	10.9	11.2	11.5	11.9	11.6	11.8	12.2	12.6	12.2	12.5	12.9	13.3	12.9	13.1	13.5	14.0							
		HI PR	162	174	184	192	182	195	206	215	207	222	235	245	235	253	267	279	265	285	301	314	292	315	332	347							
	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								
875	875	MBh	26.4	26.9	28.8	30.8	25.7	26.3	28.1	30.0	25.1	25.7	27.4	29.3	24.5	25.1	26.8	28.6	23.3	23.8	25.4	27.2	21.6	22.0	23.6	25.2							
		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	25	24	21	17	25	24	21	17	23	22	19	16							
		KW	2.19	2.23	2.30	2.37	2.34	2.39	2.46	2.54	2.48	2.54	2.61	2.70	2.61	2.66	2.75	2.83	2.71	2.77	2.86	2.95	2.80	2.86	2.95	3.05							
		AMPS	9.3	9.5	9.8	10.1	10.0	10.2	10.5	10.8	10.7	10.9	11.2	11.6	11.3	11.6	11.9	12.3	11.9	12.2	12.6	13.0	12.6	12.8	13.2	13.6							
		HI PR	157	169	178	186	176	190	200	209	200	216	228	238	228	246	259	271	257	276	292	304	284	305	322	336							
	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								

1125	MBh	29.9	30.5	31.9	34.1	29.2	29.8	31.2	33.3	28.5	29.1	30.5	32.5	27.8	28.4	29.7	31.7	26.4	27.0	28.2	30.1	24.5	25.0	26.2	27.9	1.00	0.99	0.89	0.72	0.54
	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	0.63	24	25	23	20	16
	Delta T	24	25	23	20	24	24	24	20	23	24	24	20	23	23	24	21	22	22	23	20	20	20	21	19	2.27	2.32	2.39	2.46	2.54
	KW	2.27	2.32	2.39	2.46	2.44	2.49	2.56	2.64	2.58	2.64	2.72	2.81	2.71	2.77	2.86	2.95	2.82	2.88	2.98	3.07	2.92	2.98	3.08	3.18	9.7	9.9	10.2	10.5	10.8
	AMPS	9.7	9.9	10.2	10.5	10.4	10.6	10.9	11.2	11.1	11.4	11.7	12.1	11.8	12.0	12.4	12.8	12.4	12.7	13.1	13.5	13.1	13.4	13.8	14.2	165	178	188	196	204
	HI PR	165	178	188	196	185	199	211	220	211	227	239	250	240	258	273	285	270	291	307	320	298	321	339	354	LO PR	69	73	80	85
1000	MBh	29.1	29.6	31.0	33.1	28.4	28.9	30.3	32.3	27.7	28.2	29.6	31.6	27.0	27.6	28.9	30.8	25.7	26.2	27.4	29.2	23.8	24.2	25.4	27.1	0.98	0.94	0.85	0.69	0.51
	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	26	26	24	21	17
	Delta T	26	26	24	21	26	26	25	21	25	26	25	21	25	25	25	21	24	24	24	21	22	22	23	20	2.25	2.30	2.37	2.44	2.52
	KW	2.25	2.30	2.37	2.44	2.42	2.47	2.54	2.62	2.56	2.62	2.70	2.78	2.69	2.75	2.84	2.93	2.80	2.86	2.95	3.05	2.89	2.96	3.05	3.15	9.6	9.8	10.1	10.4	10.7
	AMPS	9.6	9.8	10.1	10.4	10.3	10.5	10.8	11.1	11.0	11.3	11.6	12.0	11.7	11.9	12.3	12.7	12.3	12.6	13.0	13.4	13.0	13.3	13.7	14.1	164	176	186	194	202
	HI PR	164	176	186	194	183	197	208	217	209	225	237	247	238	256	270	282	267	288	304	317	295	318	336	350	LO PR	68	72	79	84
875	MBh	26.8	27.3	28.6	30.5	26.2	26.7	28.0	29.8	25.6	26.1	27.3	29.1	24.9	25.4	26.6	28.4	23.7	24.2	25.3	27.0	22.0	22.4	23.4	25.0	0.94	0.91	0.82	0.67	0.49
	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	27	26	25	21	17
	Delta T	27	26	25	21	27	26	25	22	27	26	25	22	26	27	25	22	25	25	25	21	23	24	23	20	2.20	2.25	2.31	2.38	2.46
	KW	2.20	2.25	2.31	2.38	2.36	2.41	2.48	2.56	2.50	2.56	2.63	2.72	2.63	2.68	2.77	2.86	2.73	2.79	2.88	2.97	2.82	2.89	2.98	3.07	9.4	9.6	9.9	10.2	10.5
	AMPS	9.4	9.6	9.9	10.2	10.0	10.2	10.5	10.9	10.8	11.0	11.3	11.7	11.4	11.6	12.0	12.4	12.0	12.3	12.7	13.1	12.7	12.9	13.3	13.8	159	171	180	188	196
	HI PR	159	171	180	188	178	192	202	211	202	218	230	240	231	248	262	273	259	279	295	307	287	308	326	340	LO PR	66	70	77	82

NOTE: Shaded area is ARI Rating Conditions

* Entering Indoor Dry Bulb Temperature

COOLING PERFORMANCE DATA

*PG1236***1A

EXPANDED PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: *PG1236***1A

		Outdoor Ambient Temperature										105										115																			
		65										75										85										95									
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	1350	MBh	34.4	35.7	39.1	-	33.6	34.8	38.2	-	32.8	34.0	37.2	-	32.0	33.2	36.3	-	30.4	31.5	34.5	-	28.2	29.2	32.0	-	28.2	29.2	32.0	-	28.2	29.2	32.0	-							
		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	-	0.87	0.73	0.51	-	0.87	0.73	0.51	-							
		Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	17	15	11	-							
		KW	2.75	2.81	2.89	-	2.95	3.01	3.10	-	3.13	3.19	3.29	-	3.28	3.35	3.45	-	3.41	3.48	3.59	-	3.53	3.60	3.72	-	3.53	3.60	3.72	-	3.53	3.60	3.72	-							
		AMPS	12.1	12.3	12.6	-	12.9	13.1	13.5	-	13.8	14.1	14.5	-	14.6	14.9	15.4	-	15.4	15.8	16.2	-	16.2	16.6	17.1	-	16.2	16.6	17.1	-	16.2	16.6	17.1	-							
	1250	HI PR	154	166	176	-	173	187	197	-	197	212	224	-	225	242	255	-	253	272	287	-	279	300	317	-	279	300	317	-	279	300	317	-							
		LO PR	65	69	75	-	68	73	80	-	71	76	83	-	75	80	87	-	78	83	91	-	81	86	94	-	81	86	94	-	81	86	94	-							
		MBh	34.1	35.3	38.7	-	33.3	34.5	37.8	-	32.5	33.7	36.9	-	31.7	32.8	36.0	-	30.1	31.2	34.2	-	27.9	28.9	31.7	-	27.9	28.9	31.7	-	27.9	28.9	31.7	-							
		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	-	0.86	0.72	0.50	-							
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-	18	15	12	-	18	15	12	-							
75	1250	KW	2.74	2.80	2.88	-	2.94	3.00	3.09	-	3.12	3.18	3.28	-	3.27	3.34	3.45	-	3.40	3.48	3.59	-	3.52	3.59	3.71	-	3.52	3.59	3.71	-	3.52	3.59	3.71	-							
		AMPS	12.0	12.3	12.6	-	12.8	13.1	13.5	-	13.8	14.1	14.5	-	14.6	14.9	15.3	-	15.4	15.7	16.2	-	16.2	16.5	17.0	-	16.2	16.5	17.0	-	16.2	16.5	17.0	-							
		HI PR	154	166	175	-	173	186	196	-	197	212	223	-	224	241	254	-	252	271	286	-	278	299	316	-	278	299	316	-	278	299	316	-							
		LO PR	65	69	75	-	68	73	79	-	71	75	82	-	75	79	87	-	78	83	91	-	81	86	94	-	81	86	94	-	81	86	94	-							
		MBh	31.4	32.6	35.7	-	30.7	31.8	34.9	-	30.0	31.1	34.0	-	29.2	30.3	33.2	-	27.8	28.8	31.5	-	25.7	26.7	29.2	-	25.7	26.7	29.2	-	25.7	26.7	29.2	-							
	1050	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	-	0.83	0.69	0.48	-							
		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	2.68	2.74	2.82	-	2.88	2.93	3.02	-	3.05	3.11	3.20	-	3.20	3.26	3.36	-	3.32	3.39	3.50	-	3.43	3.51	3.62	-	3.43	3.51	3.62	-	3.43	3.51	3.62	-							
		AMPS	11.8	12.0	12.3	-	12.6	12.8	13.2	-	13.5	13.7	14.1	-	14.2	14.5	15.0	-	15.0	15.3	15.8	-	15.8	16.1	16.6	-	15.8	16.1	16.6	-	15.8	16.1	16.6	-							
		HI PR	149	161	170	-	168	180	191	-	191	205	217	-	217	234	247	-	244	263	278	-	270	290	307	-	270	290	307	-	270	290	307	-							
LO PR	63	67	73	-	66	70	77	-	69	73	80	-	72	77	84	-	76	81	88	-	78	83	91	-	78	83	91	-	78	83	91	-									

EXPANDED PERFORMANCE DATA

COOLING PERFORMANCE DATA

*PG1236***1A

MODEL: *PG1236***1A

		Outdoor Ambient Temperature										105										115									
		85										95																			
IDB*	Airflow	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75
80	1350	MBh	35.6	36.4	38.9	41.6	34.8	35.5	38.0	40.6	33.9	34.7	37.1	39.6	33.1	33.8	36.2	38.7	31.5	32.2	34.4	36.7	29.1	29.8	31.8	34.0	29.1	29.8	31.8	34.0	34.0
		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	1.00	1.00	0.83	0.62	0.62
		Delta T	23	22	19	15	23	22	19	16	23	22	19	16	23	23	20	16	21	22	19	15	20	20	18	14	20	20	18	14	14
		KW	2.79	2.85	2.93	3.02	3.00	3.06	3.15	3.25	3.17	3.24	3.34	3.45	3.33	3.40	3.51	3.62	3.47	3.54	3.65	3.77	3.58	3.66	3.78	3.90	3.58	3.66	3.78	3.90	3.90
		AMPS	12.3	12.5	12.8	13.2	13.1	13.3	13.7	14.2	14.0	14.3	14.7	15.2	14.9	15.2	15.6	16.1	15.7	16.0	16.5	17.0	16.5	16.9	17.4	17.9	16.5	16.9	17.4	17.9	17.9
	1250	HI PR	158	170	179	187	177	190	201	210	201	216	229	238	229	247	260	272	258	277	293	306	285	306	324	338	285	306	324	338	338
		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	102
		MBh	35.3	36.0	38.5	41.1	34.4	35.2	37.6	40.2	33.6	34.3	36.7	39.2	32.8	33.5	35.8	38.3	31.2	31.8	34.0	36.4	28.9	29.5	31.5	33.7	28.9	29.5	31.5	33.7	33.7
		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	0.82	0.61	0.61
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	24	21	16	23	23	20	16	21	22	19	15	21	22	19	15	15
1050	1250	KW	2.79	2.84	2.93	3.02	2.99	3.05	3.14	3.24	3.17	3.23	3.33	3.44	3.33	3.40	3.50	3.61	3.46	3.53	3.65	3.76	3.57	3.65	3.77	3.89	3.57	3.65	3.77	3.89	3.89
		AMPS	12.2	12.5	12.8	13.2	13.0	13.3	13.7	14.1	14.0	14.3	14.7	15.2	14.8	15.1	15.6	16.1	15.6	16.0	16.4	17.0	16.5	16.8	17.3	17.9	16.5	16.8	17.3	17.9	17.9
		HI PR	157	169	179	186	176	190	200	209	201	216	228	238	228	246	260	271	257	277	292	305	284	306	323	337	284	306	323	337	337
		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	82	88	96	102	102
		MBh	32.5	33.2	35.5	38.0	31.8	32.5	34.7	37.1	31.0	31.7	33.9	36.2	30.3	30.9	33.0	35.3	28.8	29.4	31.4	33.6	26.6	27.2	29.1	31.1	26.6	27.2	29.1	31.1	31.1
	1050	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	1.03	0.97	0.79	0.59	0.59
		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	24	23	20	16	16
		KW	2.72	2.78	2.86	2.95	2.92	2.98	3.07	3.16	3.09	3.16	3.25	3.36	3.25	3.31	3.42	3.53	3.38	3.45	3.56	3.67	3.49	3.56	3.68	3.80	3.49	3.56	3.68	3.80	3.80
		AMPS	11.9	12.2	12.5	12.9	12.7	13.0	13.4	13.8	13.7	14.0	14.3	14.8	14.5	14.8	15.2	15.7	15.3	15.6	16.0	16.6	16.1	16.4	16.9	17.4	16.1	16.4	16.9	17.4	17.4
		HI PR	152	164	173	181	171	184	194	203	195	209	221	231	222	238	252	263	249	268	283	295	275	296	313	326	275	296	313	326	326
		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	80	85	93	99	99

85	1350	MBh	36.2	36.9	38.7	41.3	35.4	36.1	37.8	40.3	34.5	35.2	36.9	39.3	33.7	34.4	36.0	38.4	32.0	32.6	34.2	36.5	29.7	30.2	31.7	33.8
		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	25	24	23	20	24	24	23	20	24	24	23	20	23	23	23	20	22	22	23	20	20	21	21	19
		KW	2.81	2.87	2.96	3.05	3.02	3.08	3.17	3.27	3.20	3.27	3.37	3.47	3.36	3.43	3.54	3.65	3.50	3.57	3.68	3.80	3.61	3.69	3.81	3.93
		AMPS	12.3	12.6	12.9	13.3	13.2	13.4	13.8	14.3	14.1	14.4	14.8	15.3	15.0	15.3	15.7	16.3	15.8	16.1	16.6	17.2	16.6	17.0	17.5	18.1
	HI PR	159	171	181	189	179	192	203	212	203	219	231	241	231	249	263	274	260	280	296	309	288	310	327	341	
	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	
	1250	MBh	35.9	36.6	38.3	40.9	35.0	35.7	37.4	39.9	34.2	34.9	36.5	39.0	33.4	34.0	35.6	38.0	31.7	32.3	33.8	36.1	29.4	29.9	31.3	33.4
		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	26	25	24	21	26	26	24	21	25	26	24	21	25	25	24	21	23	24	24	21	22	22	23	19
KW		2.81	2.86	2.95	3.04	3.01	3.07	3.17	3.27	3.19	3.26	3.36	3.47	3.35	3.42	3.53	3.64	3.49	3.56	3.67	3.79	3.60	3.68	3.80	3.92	
AMPS		12.3	12.6	12.9	13.3	13.1	13.4	13.8	14.2	14.1	14.4	14.8	15.3	14.9	15.3	15.7	16.2	15.8	16.1	16.6	17.1	16.6	16.9	17.4	18.0	
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	67	71	77	82	70	75	82	87	73	78	85	90	77	82	89	95	80	86	93	100	83	89	97	103		
1050	MBh	33.1	33.7	35.3	37.7	32.3	33.0	34.5	36.8	31.6	32.2	33.7	36.0	30.8	31.4	32.9	35.1	29.3	29.8	31.2	33.3	27.1	27.6	28.9	30.9	
	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	27	25	22	28	27	26	22	28	27	26	22	27	27	26	22	26	26	26	22	24	24	24	21	
	KW	2.74	2.80	2.88	2.97	2.94	3.00	3.09	3.19	3.12	3.18	3.28	3.38	3.27	3.34	3.45	3.55	3.40	3.48	3.59	3.70	3.52	3.59	3.71	3.83	
	AMPS	12.0	12.3	12.6	13.0	12.8	13.1	13.5	13.9	13.8	14.1	14.5	14.9	14.6	14.9	15.3	15.8	15.4	15.7	16.2	16.7	16.2	16.5	17.0	17.6	
HI PR	154	166	175	183	173	186	196	205	197	211	223	233	224	241	254	265	252	271	286	298	278	299	316	330		
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		

COOLING PERFORMANCE DATA

*PG1242***1A

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1242***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	59	63	67	71																	
1575	MBh	39.8	41.2	45.2	-	38.9	40.3	44.1	-	37.9	39.3	43.1	-	37.0	38.4	42.0	-	35.2	36.4	39.9	-	32.6	33.8	37.0	-	30.2	31.4	35.2	-	27.8	29.0	32.8	-																
	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	-	0.92	0.78	0.56	-	0.84	0.70	0.48	-																
	Delta T	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	16	14	10	-	14	12	8	-																
	KW	3.10	3.16	3.25	-	3.32	3.38	3.48	-	3.50	3.57	3.68	-	3.67	3.74	3.85	-	3.81	3.88	4.00	-	3.93	4.01	4.13	-	3.85	3.92	4.04	-	3.75	3.82	3.94	-																
	AMPS	14.4	14.7	15.1	-	15.3	15.6	16.0	-	16.4	16.7	17.2	-	17.3	17.7	18.2	-	18.2	18.6	19.1	-	19.1	19.5	20.1	-	18.2	18.6	19.1	-	17.3	17.7	18.2	-																
1400	HI PR	151	163	172	-	169	182	193	-	193	207	219	-	219	236	249	-	247	266	281	-	273	294	310	-	266	284	302	-	250	268	286	-																
	LO PR	64	68	74	-	67	71	78	-	70	74	81	-	73	78	85	-	77	82	89	-	79	85	92	-	75	81	88	-	69	75	82	-																
	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	-	29.2	30.4	34.2	-	26.8	28.0	31.8	-																
	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	-	0.88	0.73	0.51	-	0.84	0.70	0.48	-																
	Delta T	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-	17	14	10	-	15	12	8	-																
1225	KW	3.08	3.14	3.23	-	3.29	3.36	3.45	-	3.48	3.55	3.65	-	3.64	3.71	3.82	-	3.78	3.85	3.97	-	3.90	3.98	4.10	-	3.82	3.89	4.01	-	3.72	3.79	3.91	-																
	AMPS	14.3	14.6	15.0	-	15.2	15.5	15.9	-	16.3	16.6	17.1	-	17.2	17.5	18.0	-	18.1	18.5	19.0	-	19.0	19.4	19.9	-	18.2	18.6	19.1	-	17.3	17.7	18.2	-																
	HI PR	150	161	170	-	168	181	191	-	191	205	217	-	217	234	247	-	244	263	278	-	270	291	307	-	266	284	302	-	250	268	286	-																
	LO PR	63	67	73	-	66	71	77	-	69	73	80	-	73	77	84	-	76	81	88	-	79	84	91	-	75	81	88	-	69	75	82	-																
	MBh	35.7	37.0	40.5	-	34.8	36.1	39.5	-	34.0	35.2	38.6	-	33.2	34.4	37.7	-	31.5	32.7	35.8	-	29.2	30.2	33.1	-	27.0	28.0	31.8	-	24.6	25.6	29.4	-																

75	1575	MBh	40.5	41.7	45.1	48.4	39.5	40.7	44.0	47.3	38.6	39.7	43.0	46.1	37.6	38.8	41.9	45.0	35.8	36.8	39.8	42.8	33.1	34.1	36.9	39.6
		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	0.45
		Delta T	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	19	18	15	10
		KW	3.13	3.19	3.27	3.37	3.34	3.40	3.50	3.61	3.53	3.60	3.70	3.82	3.70	3.77	3.88	4.00	3.84	3.91	4.03	4.16	3.96	4.04	4.16	4.29
		AMPS	14.5	14.8	15.2	15.6	15.5	15.8	16.2	16.7	16.5	16.9	17.3	17.8	17.5	17.8	18.3	18.9	18.4	18.8	19.3	19.9	19.3	19.7	20.3	20.9
		HI PR	153	164	173	181	171	184	195	203	195	210	221	231	222	239	252	263	249	268	283	296	276	297	313	327
	LO PR	64	68	75	79	68	72	79	84	70	75	82	87	74	79	86	92	78	83	90	96	80	85	93	99	
	1400	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	0.85	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	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	12	21	19	16	11
		KW	3.10	3.16	3.25	3.34	3.32	3.38	3.48	3.58	3.50	3.57	3.68	3.79	3.67	3.74	3.85	3.97	3.81	3.88	4.00	4.13	3.93	4.01	4.13	4.26
		AMPS	14.4	14.7	15.1	15.5	15.3	15.6	16.1	16.5	16.4	16.7	17.2	17.7	17.3	17.7	18.2	18.7	18.2	18.6	19.1	19.7	19.1	19.5	20.1	20.8
		HI PR	151	163	172	179	169	182	193	201	193	207	219	228	220	236	249	260	247	266	281	293	273	294	310	323
	LO PR	64	68	74	79	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	85	92	98	
1225	MBh	36.3	37.3	40.4	43.4	35.4	36.5	39.5	42.4	34.6	35.6	38.5	41.3	33.7	34.7	37.6	40.3	32.0	33.0	35.7	38.3	29.7	30.6	33.1	35.5	
	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	0.41	0.94	0.84	0.64	0.41	
	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	3.04	3.10	3.18	3.27	3.24	3.31	3.40	3.50	3.43	3.49	3.59	3.70	3.59	3.66	3.76	3.88	3.72	3.80	3.91	4.03	3.84	3.92	4.03	4.16	
	AMPS	14.1	14.4	14.7	15.2	15.0	15.3	15.7	16.2	16.0	16.4	16.8	17.3	16.9	17.3	17.7	18.3	17.8	18.2	18.7	19.3	18.7	19.1	19.6	20.3	
	HI PR	147	158	166	174	164	177	187	195	187	201	212	222	213	229	242	252	240	258	272	284	265	285	301	314	
LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95		

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1242***1A

		Outdoor Ambient Temperature										115														
		65					75					85					95					105				
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	1575	MBh	41.2	42.1	45.0	48.1	40.2	41.1	43.9	46.9	39.3	40.1	42.9	45.8	38.3	39.1	41.8	44.7	36.4	37.2	39.7	42.5	33.7	34.4	36.8	39.3
		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
		Delta T	24	22	20	16	23	23	20	16	23	23	20	16	22	23	20	16	21	22	20	16	20	20	18	15
		KW	3.15	3.21	3.30	3.39	3.36	3.43	3.53	3.63	3.56	3.63	3.73	3.84	3.72	3.80	3.91	4.03	3.87	3.94	4.06	4.19	3.99	4.07	4.20	4.33
		AMPS	14.6	14.9	15.3	15.7	15.6	15.9	16.3	16.8	16.6	17.0	17.4	18.0	17.6	17.9	18.4	19.0	18.5	18.9	19.4	20.1	19.4	19.9	20.4	21.1
	1400	HI PR	154	166	175	183	173	186	196	205	197	212	223	233	224	241	255	265	252	271	286	299	278	300	316	330
		LO PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	78	83	91	97	81	86	94	100
		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	0.93	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
1225	1400	KW	3.13	3.19	3.27	3.37	3.34	3.40	3.50	3.61	3.53	3.60	3.70	3.82	3.70	3.77	3.88	4.00	3.84	3.91	4.03	4.16	3.96	4.04	4.16	4.29
		AMPS	14.5	14.8	15.2	15.6	15.5	15.8	16.2	16.7	16.5	16.9	17.3	17.9	17.5	17.8	18.3	18.9	18.4	18.8	19.3	19.9	19.3	19.7	20.3	20.9
		HI PR	153	164	173	181	171	184	195	203	195	210	221	231	222	239	252	263	249	268	284	296	276	297	313	327
		LO PR	64	68	75	79	68	72	79	84	70	75	82	87	74	79	86	92	78	83	90	96	80	85	93	99
		MBh	36.9	37.7	40.3	43.1	36.0	36.8	39.3	42.1	35.2	36.0	38.4	41.1	34.3	35.1	37.5	40.1	32.6	33.3	35.6	38.1	30.2	30.9	33.0	35.3
	1225	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	25	24	21	17	25	24	21	17	23	22	19	16
		KW	3.06	3.12	3.20	3.30	3.27	3.33	3.43	3.53	3.45	3.52	3.62	3.73	3.61	3.68	3.79	3.91	3.75	3.82	3.94	4.06	3.87	3.95	4.07	4.19
		AMPS	14.2	14.5	14.9	15.3	15.1	15.4	15.8	16.3	16.2	16.5	16.9	17.4	17.1	17.4	17.9	18.4	18.0	18.3	18.8	19.4	18.8	19.2	19.8	20.4
		HI PR	148	159	168	175	166	179	189	197	189	203	215	224	215	231	244	255	242	260	275	287	267	288	304	317
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		

85	1575	MBh	41.9	42.7	44.7	47.7	40.9	41.7	43.7	46.6	39.9	40.7	42.6	45.5	39.0	39.7	41.6	44.4	37.0	37.7	39.5	42.2	34.3	35.0	36.6	39.1
		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	1.00	0.83
		Delta T	24	25	23	20	24	24	24	20	23	24	24	20	23	23	24	21	22	22	23	20	20	20	21	19
		KW	3.17	3.23	3.32	3.42	3.39	3.45	3.55	3.66	3.58	3.65	3.76	3.87	3.75	3.83	3.94	4.06	3.90	3.97	4.10	4.22	4.02	4.10	4.23	4.36
		AMPS	14.7	15.0	15.4	15.9	15.7	16.0	16.4	16.9	16.8	17.1	17.6	18.1	17.7	18.1	18.6	19.2	18.7	19.1	19.6	20.2	19.6	20.0	20.6	21.3
	1400	HI PR	156	167	177	184	175	188	198	207	199	214	226	235	226	243	257	268	254	274	289	302	281	303	320	333
		LO PR	65	70	76	81	69	74	80	86	72	77	84	89	76	80	88	93	79	84	92	98	82	87	95	101
		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	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	25	26	25	21	25	25	25	21	24	24	24	21	22	22	23	20
85	1225	KW	3.15	3.21	3.30	3.39	3.36	3.43	3.53	3.63	3.56	3.63	3.73	3.84	3.72	3.80	3.91	4.03	3.87	3.94	4.06	4.19	3.99	4.07	4.20	4.33
		AMPS	14.6	14.9	15.3	15.7	15.6	15.9	16.3	16.8	16.6	17.0	17.4	18.0	17.6	17.9	18.4	19.0	18.5	18.9	19.4	20.1	19.4	19.9	20.4	21.1
		HI PR	154	166	175	183	173	186	196	205	197	212	223	233	224	241	255	265	252	271	286	299	278	300	316	330
		LO PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	78	83	91	97	81	86	94	100
		MBh	37.5	38.3	40.1	42.8	36.7	37.4	39.2	41.8	35.8	36.5	38.2	40.8	34.9	35.6	37.3	39.8	33.2	33.8	35.4	37.8	30.7	31.3	32.8	35.0
	1225	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	21	27	26	25	22	27	26	25	22	26	27	25	22	25	25	25	21	23	24	23	20
		KW	3.08	3.14	3.23	3.32	3.29	3.35	3.45	3.55	3.48	3.54	3.65	3.76	3.64	3.71	3.82	3.94	3.78	3.85	3.97	4.09	3.90	3.98	4.10	4.22
		AMPS	14.3	14.6	15.0	15.4	15.2	15.5	15.9	16.4	16.3	16.6	17.0	17.6	17.2	17.5	18.0	18.6	18.1	18.5	19.0	19.6	19.0	19.4	19.9	20.6
		HI PR	149	161	170	177	168	180	191	199	191	205	217	226	217	234	247	258	244	263	278	290	270	291	307	320
		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

NOTE: Shaded area is ARI Rating Conditions

* Entering Indoor Dry Bulb Temperature

COOLING PERFORMANCE DATA

*PG1248***1A

EXPANDED PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

EXPANDED PERFORMANCE DATA

MODEL: *PG1248***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	59	63	67	71																	
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	-	37.7	39.1	42.8	-	37.7	39.1	42.8	-																
	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	0.72	0.50	-																
	Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-	17	14	11	-	17	14	11	-																
	KW	3.58	3.64	3.74	-	3.82	3.89	4.00	-	4.03	4.11	4.23	-	4.22	4.30	4.43	-	4.38	4.47	4.60	-	4.52	4.61	4.75	-	4.52	4.61	4.75	-	4.52	4.61	4.75	-																
	AMPS	15.6	15.9	16.3	-	16.6	16.9	17.3	-	17.7	18.0	18.5	-	18.6	19.0	19.5	-	19.6	20.0	20.5	-	20.5	20.9	21.5	-	20.5	20.9	21.5	-	20.5	20.9	21.5	-																
1525	HI PR	152	163	172	-	170	183	193	-	194	208	220	-	221	237	251	-	248	267	282	-	274	295	312	-	274	295	312	-	274	295	312	-																
	LO PR	65	69	76	-	69	73	80	-	72	76	83	-	75	80	87	-	79	84	91	-	81	87	95	-	81	87	95	-	81	87	95	-																
	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	-	36.6	37.9	41.6	-	36.6	37.9	41.6	-																
	S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-	0.82	0.69	0.48	-	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	-	18	16	12	-	18	16	12	-																
1400	KW	3.55	3.62	3.72	-	3.79	3.86	3.97	-	4.00	4.08	4.20	-	4.19	4.27	4.40	-	4.35	4.43	4.57	-	4.48	4.57	4.71	-	4.48	4.57	4.71	-	4.48	4.57	4.71	-																
	AMPS	15.5	15.8	16.2	-	16.5	16.8	17.2	-	17.6	17.9	18.4	-	18.5	18.9	19.4	-	19.4	19.8	20.4	-	20.4	20.8	21.4	-	20.4	20.8	21.4	-	20.4	20.8	21.4	-																
	HI PR	150	162	171	-	169	181	192	-	192	206	218	-	218	235	248	-	246	264	279	-	271	292	308	-	271	292	308	-	271	292	308	-																
	LO PR	65	69	75	-	68	73	79	-	71	75	82	-	74	79	86	-	78	83	91	-	81	86	94	-	81	86	94	-	81	86	94	-																
	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	-	36.1	37.4	40.9	-	36.1	37.4	40.9	-																
	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	18	13	-	20	18	13	-	20	18	13	-	20	17	13	-	19	16	12	-	19	16	12	-	19	16	12	-																
	KW	3.51	3.57	3.67	-	3.74	3.82	3.92	-	3.95	4.03	4.15	-	4.14	4.22	4.34	-	4.29	4.38	4.51	-	4.43	4.51	4.65	-	4.43	4.51	4.65	-	4.43	4.51	4.65	-																
	AMPS	15.3	15.6	16.0	-	16.3	16.6	17.0	-	17.3	17.7	18.1	-	18.3	18.6	19.1	-	19.2	19.6	20.1	-	20.1	20.5	21.1	-	20.1	20.5	21.1	-	20.1	20.5	21.1	-																
	HI PR	148	159	168	-	166	178	188	-	188	203	214	-	215	231	244	-	241	260	274	-	267	287	303	-	267	287	303	-	267	287	303	-																
	LO PR	63	67	74	-	67	71	78	-	70	74	81	-	73	78	85	-	77	82	89	-	79	84	92	-	79	84	92	-	79	84	92	-																

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1248***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				
	1800	Entering Indoor Wet Bulb Temperature																															
		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	40.0	41.0	44.0	47.0			
		S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62	1.00	1.00	0.82	0.61			
		Delta T	23	22	19	15	24	22	19	15	23	22	19	15	23	22	19	16	22	22	19	15	20	20	18	14	20	20	18	14			
		KW	3.63	3.69	3.80	3.91	3.87	3.95	4.06	4.18	4.09	4.17	4.29	4.42	4.28	4.37	4.50	4.64	4.45	4.54	4.67	4.82	4.59	4.68	4.82	4.97	4.59	4.68	4.82	4.97			
		AMPS	15.8	16.1	16.5	17.0	16.8	17.1	17.6	18.1	17.9	18.3	18.8	19.3	18.9	19.3	19.8	20.4	19.9	20.3	20.8	21.5	20.8	21.3	21.9	22.5	20.8	21.3	21.9	22.5			
		HI PR	155	167	176	184	174	187	197	206	198	213	225	234	225	242	256	267	253	272	288	300	280	301	318	332	280	301	318	332			
	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	83	88	97	103				
80	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	37.9	38.7	41.4	44.2			
		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	1.00	0.96	0.78	0.59			
		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	23	23	20	16			
		KW	3.60	3.67	3.77	3.88	3.85	3.92	4.03	4.15	4.06	4.14	4.26	4.39	4.25	4.34	4.47	4.60	4.41	4.50	4.64	4.78	4.55	4.65	4.79	4.93	4.55	4.65	4.79	4.93			
		AMPS	15.7	16.0	16.4	16.9	16.7	17.0	17.4	17.9	17.8	18.1	18.6	19.2	18.8	19.1	19.7	20.3	19.7	20.1	20.7	21.3	20.7	21.1	21.7	22.4	20.7	21.1	21.7	22.4			
		HI PR	153	165	174	182	172	185	195	204	196	211	222	232	223	240	253	264	251	270	285	297	277	298	315	328	277	298	315	328			
		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	82	88	96	102			
	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	37.3	38.1	40.7	43.6			
		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	0.99	0.93	0.76	0.57			
		Delta T	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	18	26	25	22	17	24	23	20	16	24	23	20	16			
		KW	3.56	3.63	3.73	3.83	3.80	3.87	3.98	4.10	4.01	4.09	4.21	4.33	4.20	4.28	4.41	4.54	4.36	4.44	4.58	4.72	4.49	4.59	4.72	4.87	4.49	4.59	4.72	4.87			
		AMPS	15.5	15.8	16.2	16.7	16.5	16.8	17.2	17.7	17.6	17.9	18.4	18.9	18.5	18.9	19.4	20.0	19.5	19.9	20.4	21.0	20.4	20.8	21.4	22.1	20.4	20.8	21.4	22.1			
		HI PR	151	162	171	179	169	182	192	200	192	207	219	228	219	236	249	260	246	265	280	292	272	293	309	323	272	293	309	323			
		LO PR	65	69	75	80	68	73	79	85	71	76	83	88	75	79	87	92	78	83	91	97	81	86	94	100	81	86	94	100			

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	39.7	40.5	42.4	45.2	39.7	36.7
	S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80	1.00	1.00	0.98	0.80	1.00	0.85
	Delta T	24	24	23	20	24	24	23	20	24	24	23	20	23	23	23	20	22	22	23	20	20	21	21	18	20	21	21	18	14	10
	KW	3.65	3.72	3.83	3.94	3.90	3.98	4.09	4.21	4.12	4.20	4.33	4.46	4.32	4.40	4.53	4.67	4.48	4.57	4.71	4.85	4.62	4.72	4.86	5.01	4.62	4.72	4.86	5.01	4.62	4.27
	AMPS	15.9	16.2	16.6	17.1	16.9	17.2	17.7	18.2	18.1	18.4	18.9	19.5	19.0	19.4	19.9	20.6	20.0	20.4	21.0	21.6	21.0	21.4	22.0	22.7	21.0	21.4	22.0	22.7	21.0	20.0
	HI PR	156	168	178	185	175	189	199	208	200	215	227	237	227	245	258	269	256	275	291	303	283	304	321	335	283	304	321	335	283	253
	LO PR	67	71	78	83	71	75	82	88	74	78	86	91	77	82	90	96	81	86	94	100	84	89	98	104	84	89	98	104	84	79
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	38.5	39.3	41.2	43.9	38.5	35.5
	S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.76	1.00	0.71
	Delta T	27	26	25	21	27	27	25	22	27	27	25	22	26	27	25	22	25	26	25	22	23	24	23	20	23	24	23	20	16	12
	KW	3.63	3.69	3.80	3.91	3.87	3.95	4.06	4.18	4.09	4.17	4.29	4.42	4.28	4.37	4.50	4.64	4.45	4.54	4.67	4.82	4.59	4.68	4.82	4.97	4.59	4.68	4.82	4.97	4.59	4.24
	AMPS	15.8	16.1	16.5	17.0	16.8	17.1	17.6	18.1	17.9	18.3	18.8	19.3	18.9	19.3	19.8	20.4	19.9	20.3	20.8	21.5	20.8	21.3	21.9	22.5	20.8	21.3	21.9	22.5	20.8	19.8
	HI PR	155	167	176	184	174	187	197	206	198	213	225	234	225	242	256	267	253	272	288	300	280	301	318	332	280	301	318	332	280	250
	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	83	88	97	103	83	78
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	38.0	38.7	40.5	43.2	38.0	35.0
	S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73	1.00	1.00	0.91	0.73	1.00	0.68
	Delta T	28	27	26	22	28	27	26	22	28	27	26	22	28	28	26	23	27	27	26	22	25	25	24	21	25	25	24	21	17	13
	KW	3.58	3.65	3.75	3.86	3.83	3.90	4.01	4.13	4.04	4.12	4.24	4.37	4.23	4.31	4.44	4.58	4.39	4.48	4.61	4.75	4.53	4.62	4.76	4.91	4.53	4.62	4.76	4.91	4.53	4.18
	AMPS	15.7	15.9	16.3	16.8	16.6	16.9	17.3	17.9	17.7	18.1	18.5	19.1	18.7	19.0	19.5	20.1	19.6	20.0	20.6	21.2	20.6	21.0	21.6	22.2	20.6	21.0	21.6	22.2	20.6	19.6
	HI PR	152	164	173	180	171	184	194	202	194	209	221	230	221	238	251	262	249	268	283	295	275	296	312	326	275	296	312	326	275	245
	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	82	87	95	101	82	77

NOTE: Shaded area is ARI Rating Conditions

PG12601A**

COOLING OPERATION

MODEL: *PG1260*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	59	63	67	71																		
2050	MBh	53.8	55.8	61.1	-	52.6	54.5	59.7	-	51.3	53.2	58.3	-	50.1	51.9	56.8	-	47.6	49.3	54.0	-	44.0	45.7	50.0	-	40.7	42.4	46.6	-	37.4	39.1	43.3	-																	
	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	-	0.82	0.68	0.46	-	0.79	0.66	0.44	-																	
	Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	15	13	9	-	13	11	7	-																	
	KW	4.28	4.36	4.48	-	4.56	4.65	4.78	-	4.81	4.90	5.04	-	5.03	5.13	5.28	-	5.22	5.32	5.47	-	5.38	5.48	5.64	-	5.25	5.35	5.50	-	5.12	5.22	5.37	-																	
	AMPS	18.7	19.0	19.5	-	19.8	20.2	20.7	-	21.1	21.5	22.0	-	22.2	22.6	23.2	-	23.3	23.7	24.3	-	24.3	24.8	25.5	-	24.0	24.5	25.0	-	23.5	24.0	24.5	-																	
	Hi PR	154	165	174	-	172	185	196	-	196	211	223	-	223	240	254	-	251	270	285	-	277	299	315	-	265	280	295	-	250	265	280	-																	
	LO PR	64	69	75	-	68	72	79	-	71	75	82	-	74	79	86	-	78	83	90	-	81	86	94	-	76	81	89	-	73	77	85	-																	
1900	MBh	53.3	55.2	60.5	-	52.0	53.9	59.1	-	50.8	52.7	57.7	-	49.6	51.4	56.3	-	47.1	48.8	53.5	-	43.6	45.2	49.5	-	38.6	40.2	44.5	-	35.6	37.2	41.5	-																	
	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	-	0.81	0.68	0.46	-	0.76	0.64	0.43	-																	
	Delta T	19	17	13	-	19	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	16	14	10	-	14	12	8	-																	
	KW	4.28	4.35	4.47	-	4.56	4.64	4.77	-	4.80	4.89	5.03	-	5.02	5.12	5.26	-	5.21	5.31	5.46	-	5.36	5.47	5.63	-	5.22	5.32	5.47	-	5.12	5.22	5.37	-																	
	AMPS	18.7	19.0	19.5	-	19.8	20.1	20.6	-	21.0	21.4	22.0	-	22.1	22.5	23.1	-	23.2	23.7	24.3	-	24.3	24.8	25.4	-	23.8	24.3	24.8	-	23.3	23.8	24.3	-																	
	Hi PR	153	165	174	-	172	185	195	-	195	210	222	-	222	239	253	-	250	269	284	-	277	298	314	-	262	277	292	-	247	262	277	-																	
	LO PR	64	68	75	-	68	72	79	-	71	75	82	-	74	79	86	-	78	83	90	-	80	85	93	-	75	80	88	-	72	77	85	-																	
1750	MBh	52.5	54.4	59.6	-	51.3	53.1	58.2	-	50.0	51.9	56.8	-	48.8	50.6	55.4	-	46.4	48.1	52.7	-	43.0	44.5	48.8	-	37.0	38.6	42.9	-	34.0	35.6	39.9	-																	
	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	-	0.78	0.65	0.43	-	0.74	0.61	0.39	-																	
	Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-	17	15	11	-	15	13	9	-																	
	KW	4.23	4.30	4.42	-	4.50	4.58	4.71	-	4.74	4.83	4.97	-	4.96	5.05	5.20	-	5.14	5.24	5.39	-	5.30	5.40	5.56	-	5.17	5.27	5.42	-	5.02	5.12	5.27	-																	
	AMPS	18.5	18.8	19.2	-	19.6	19.9	20.4	-	20.8	21.2	21.7	-	21.9	22.3	22.8	-	22.9	23.4	24.0	-	24.0	24.4	25.1	-	23.5	24.0	24.5	-	23.0	23.5	24.0	-																	
	Hi PR	150	162	171	-	169	182	192	-	192	207	218	-	219	235	249	-	246	265	280	-	272	293	309	-	260	275	290	-	245	260	275	-																	
	LO PR	63	67	73	-	67	71	77	-	69	74	81	-	73	77	85	-	76	81	89	-	79	84	92	-	74	79	87	-	71	76	84	-																	

75	2050	MBh	54.7	56.3	61.0	65.5	53.4	55.0	59.6	63.9	52.2	53.7	58.1	62.4	50.9	52.4	56.7	60.9	48.4	49.8	53.9	57.8	44.8	46.1	49.9	53.6
		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	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	4.31	4.39	4.51	4.64	4.60	4.68	4.81	4.95	4.85	4.94	5.08	5.23	5.07	5.17	5.32	5.47	5.26	5.36	5.52	5.68	5.42	5.52	5.69	5.86
		AMPS	18.8	19.2	19.6	20.2	20.0	20.3	20.8	21.4	21.2	21.6	22.2	22.8	22.3	22.7	23.3	24.0	23.4	23.9	24.5	25.2	24.5	25.0	25.7	26.4
		HI PR	155	167	176	184	174	187	198	206	198	213	225	235	225	243	256	267	254	273	288	301	280	302	318	332
	LO PR	65	69	76	81	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	87	95	101	
	1900	MBh	54.2	55.8	60.4	64.8	52.9	54.5	59.0	63.3	51.7	53.2	57.6	61.8	50.4	51.9	56.2	60.3	47.9	49.3	53.4	57.3	44.4	45.7	49.4	53.0
		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	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
		KW	4.31	4.38	4.50	4.63	4.59	4.67	4.80	4.94	4.84	4.93	5.07	5.22	5.06	5.15	5.30	5.46	5.24	5.35	5.50	5.67	5.41	5.51	5.68	5.85
		AMPS	18.8	19.1	19.6	20.1	19.9	20.3	20.8	21.3	21.2	21.6	22.1	22.7	22.3	22.7	23.3	24.0	23.4	23.8	24.4	25.2	24.5	24.9	25.6	26.4
HI PR		155	166	176	183	174	187	197	206	197	212	224	234	225	242	255	266	253	272	287	300	279	301	317	331	
LO PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	78	83	91	97	81	86	94	100		
1750	MBh	53.4	54.9	59.5	63.8	52.1	53.7	58.1	62.3	50.9	52.4	56.7	60.9	49.6	51.1	55.3	59.4	47.2	48.6	52.6	56.4	43.7	45.0	48.7	52.3	
	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	0.41	
	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	4.26	4.33	4.45	4.57	4.53	4.62	4.74	4.88	4.78	4.87	5.01	5.15	4.99	5.09	5.24	5.39	5.18	5.28	5.43	5.59	5.34	5.44	5.60	5.77	
	AMPS	18.6	18.9	19.4	19.9	19.7	20.0	20.5	21.1	20.9	21.3	21.8	22.5	22.0	22.4	23.0	23.7	23.1	23.5	24.1	24.9	24.2	24.6	25.3	26.0	
	HI PR	152	164	173	180	171	184	194	202	194	209	220	230	221	238	251	262	249	267	282	295	275	296	312	326	
LO PR	64	68	74	79	67	72	78	83	70	75	81	87	74	78	85	91	77	82	90	95	80	85	93	99		

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: *PG1260***1A

IDB*		Outdoor Ambient Temperature																								
		65				75				85				95				105				115				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
80	2050	Airflow	Entering Indoor Wet Bulb Temperature																							
		MBh	55.7	56.9	60.8	65.0	54.4	55.6	59.4	63.5	53.1	54.3	58.0	62.0	51.8	52.9	56.6	60.5	49.2	50.3	53.7	57.4	45.6	46.6	49.8	53.2
		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	23	23	20	16	22	23	20	16	20	21	19	15
	KW	4.34	4.42	4.54	4.67	4.63	4.72	4.85	4.99	4.88	4.98	5.12	5.27	5.11	5.20	5.35	5.51	5.29	5.40	5.56	5.72	5.46	5.57	5.73	5.91	
	AMPS	19.0	19.3	19.8	20.3	20.1	20.4	20.9	21.5	21.4	21.8	22.3	23.0	22.5	22.9	23.5	24.2	23.6	24.1	24.7	25.4	24.7	25.2	25.9	26.6	
	HI PR	157	169	178	186	176	189	200	208	200	215	227	237	228	245	259	270	256	276	291	304	283	305	322	335	
	LO PR	66	70	76	81	69	74	81	86	72	77	84	89	76	81	88	94	79	85	92	98	82	87	95	102	
1900	MBh	55.1	56.3	60.2	64.4	53.9	55.0	58.8	62.9	52.6	53.7	57.4	61.4	51.3	52.4	56.0	59.9	48.7	49.8	53.2	56.9	45.1	46.1	49.3	52.7	
	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	17	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	17	22	22	19	16	
	KW	4.33	4.41	4.53	4.66	4.62	4.71	4.84	4.97	4.87	4.96	5.11	5.25	5.09	5.19	5.34	5.50	5.28	5.39	5.54	5.71	5.45	5.55	5.72	5.89	
1750	AMPS	18.9	19.3	19.7	20.3	20.0	20.4	20.9	21.5	21.3	21.7	22.3	22.9	22.4	22.9	23.5	24.1	23.5	24.0	24.6	25.4	24.6	25.1	25.8	26.6	
	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	334	
	LO PR	66	70	76	81	69	74	80	86	72	77	84	89	76	80	88	94	79	84	92	98	82	87	95	101	
	MBh	54.3	55.5	59.3	63.4	53.1	54.2	57.9	61.9	51.8	52.9	56.5	60.4	50.5	51.6	55.2	59.0	48.0	49.0	52.4	56.0	44.5	45.4	48.5	51.9	
	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	1.00	0.96	0.78	0.58	1.00	0.97	0.79	0.59	
	Delta T	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	25	25	21	17	23	23	20	16	
	KW	4.28	4.36	4.48	4.60	4.57	4.65	4.78	4.91	4.81	4.90	5.04	5.19	5.03	5.13	5.28	5.43	5.22	5.32	5.47	5.64	5.38	5.48	5.64	5.82	
	AMPS	18.7	19.0	19.5	20.0	19.8	20.2	20.7	21.2	21.1	21.5	22.0	22.6	22.2	22.6	23.2	23.8	23.3	23.7	24.3	25.1	24.3	24.8	25.5	26.2	
	HI PR	154	165	174	182	172	185	196	204	196	211	223	232	223	240	254	265	251	270	285	298	277	299	315	329	
	LO PR	64	69	75	80	68	72	79	84	71	75	82	88	74	79	86	92	78	83	90	96	81	86	94	100	

NOTE: Shaded area is ARI Rating Conditions

* Entering Indoor Dry Bulb Temperature

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.

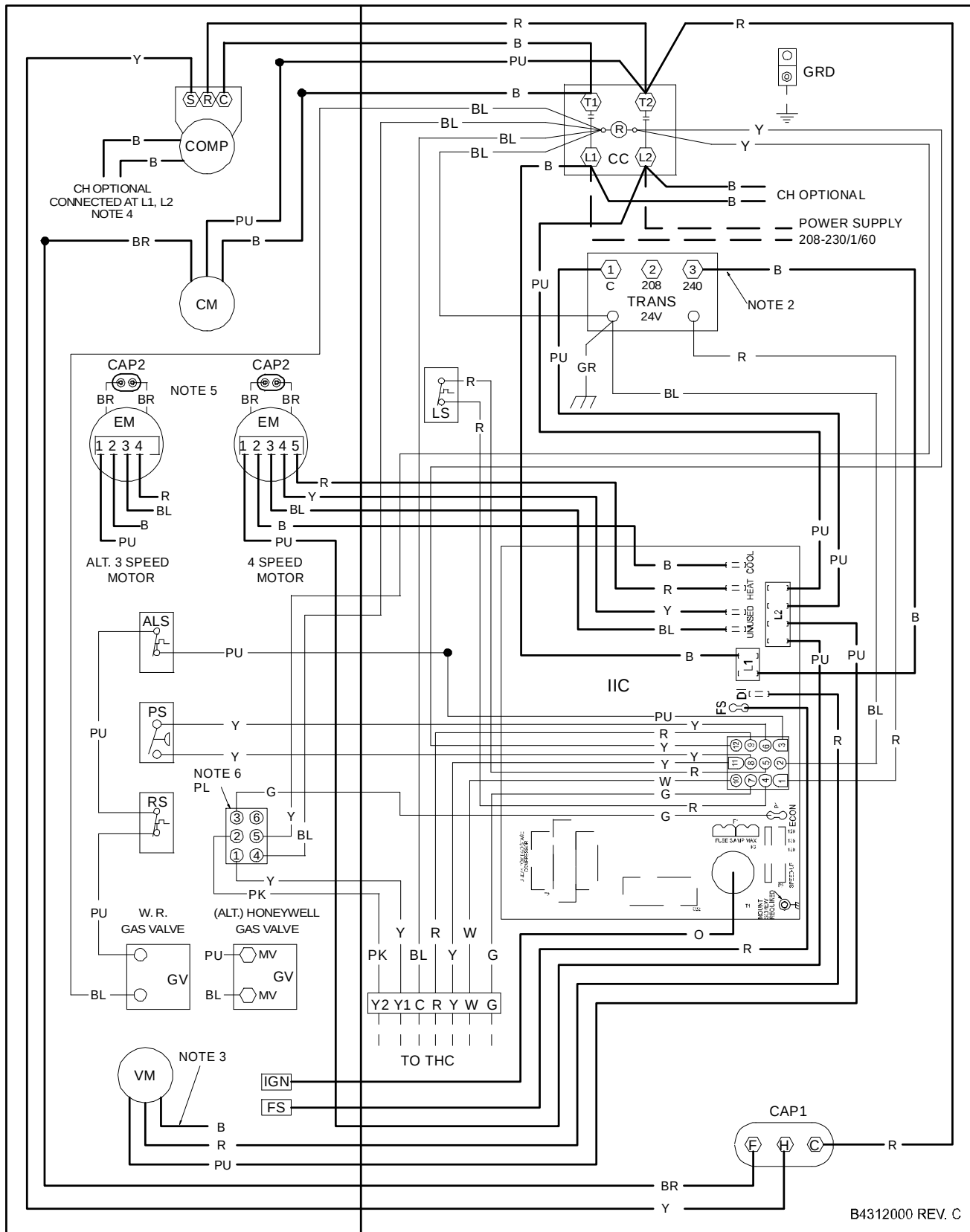
A properly operating unit should be within plus or minus **3 PSIG** of the **suction pressure** shown.

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.



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

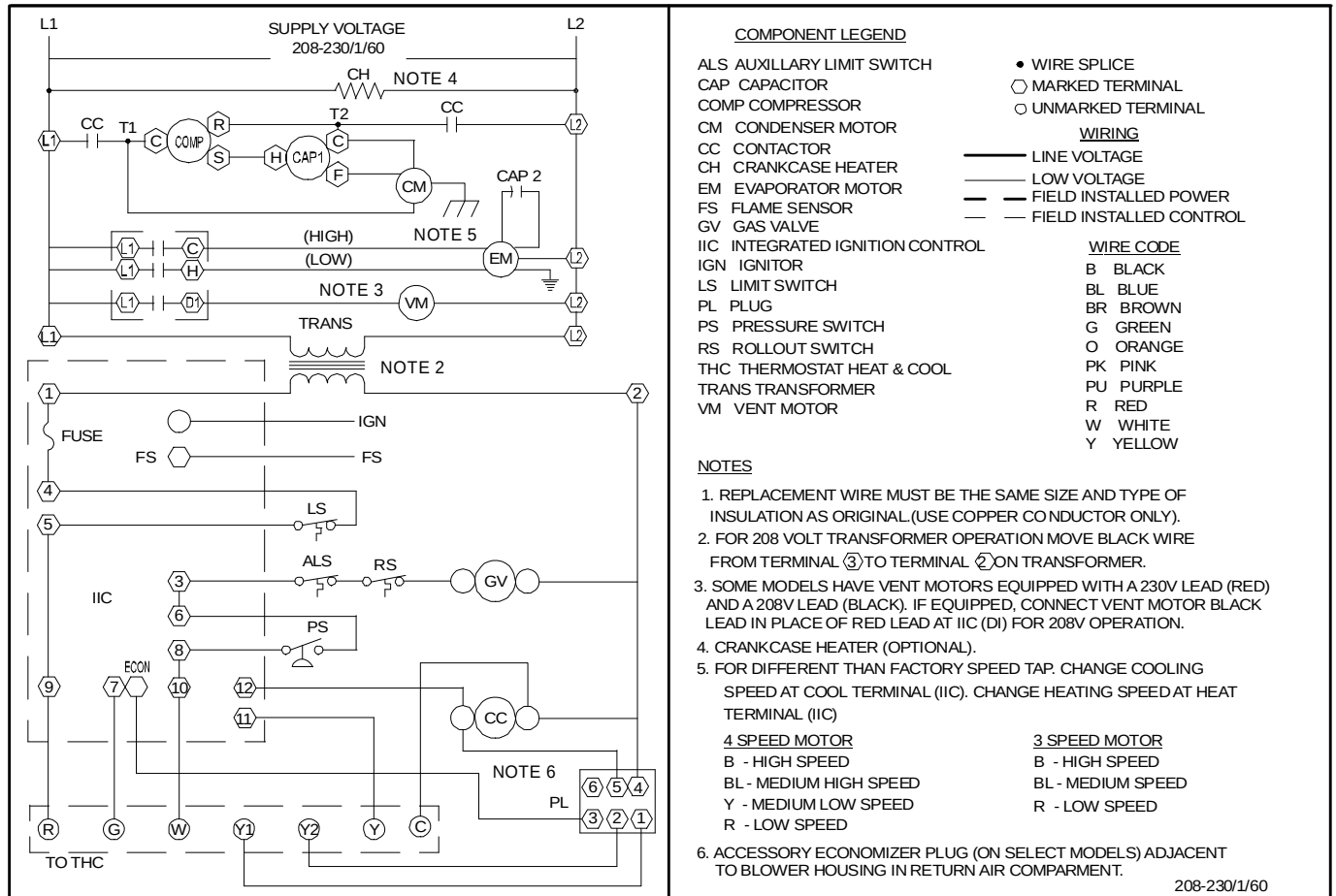
WIRING DIAGRAMS



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.



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:

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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