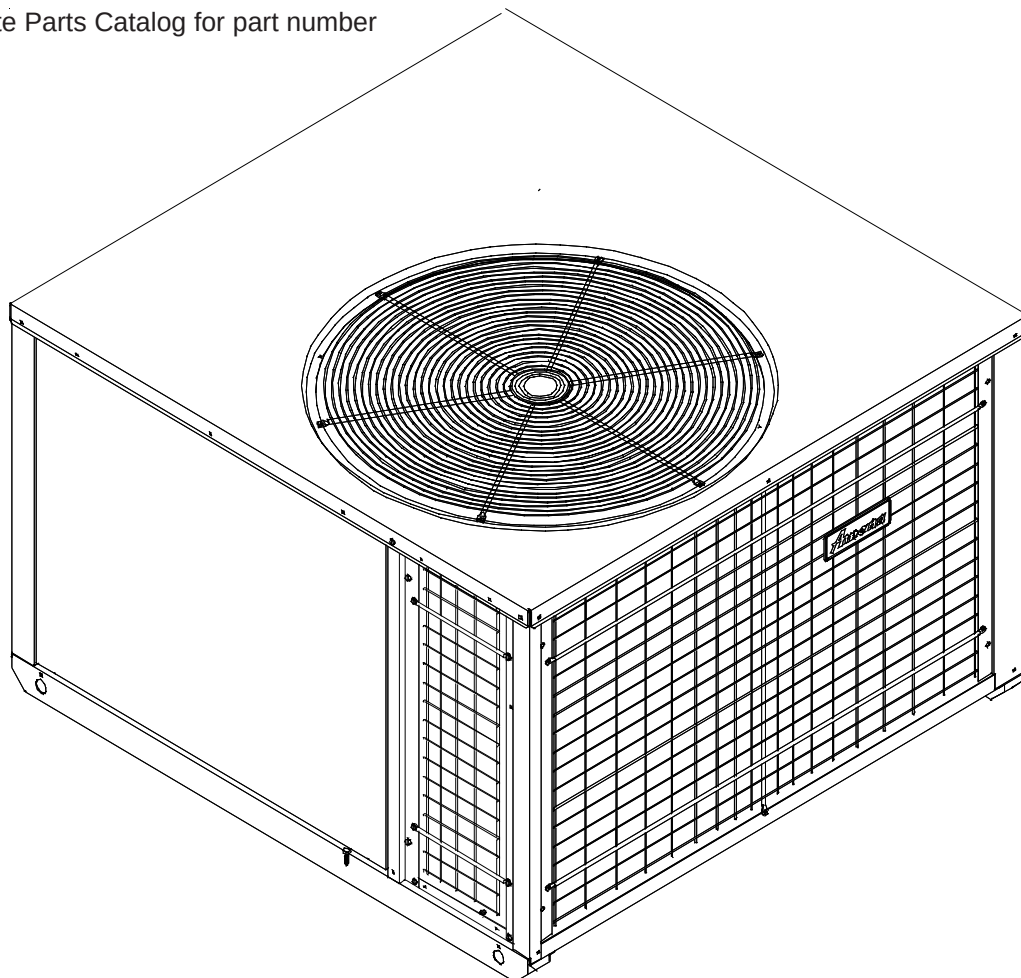


TECHNICAL INFORMATION MANUAL

PGD**C02 [D/E/G/X] Package Gas Units

Model and manufacturing numbers
listed on page 3.

- Refer to Service Manual RS6300003 Rev. 1 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.



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

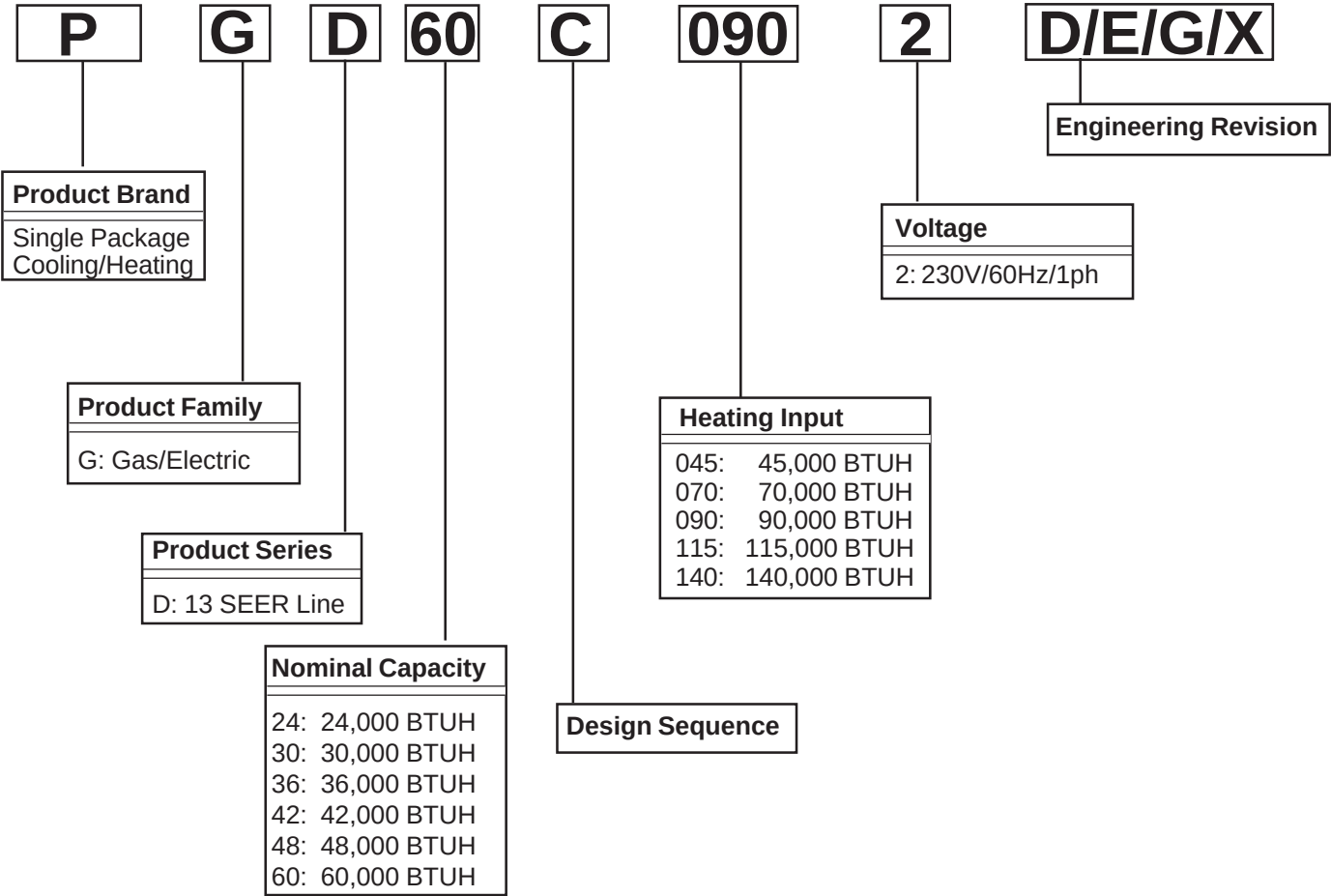
RT6312001 Rev. 4
November 2005

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PRODUCT IDENTIFICATION

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



NOTE: The PGD60 (60,000 BTUH) Package Units are rated at 12.0 SEER.



WARNING

HIGH VOLTAGE!

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



WARNING

ONLY INDIVIDUAL MEETING THE REQUIREMENTS OF AN "ENTRY LEVEL TECHNICIAN" AS SPECIFIED BY THE AIR CONDITIONING AND REFRIGERATION INSTITUTE (ARI) MAY USE THIS INFORMATION. ATTEMPTING TO INSTALL OR REPAIR THIS UNIT WITHOUT SUCH BACKGROUND MAY RESULT IN PRODUCT DAMAGE, PERSONAL INJURY, OR DEATH.

PRODUCT IDENTIFICATION

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

PGD24C0452D P1204301C
PGD24C0702D P1204302C
PGD24C0902D P1204303C
PGD30C0702D P1204304C
PGD30C0902D P1204305C
PGD36C0702D P1204306C
PGD36C0902D P1204307C
PGD42C0902D P1204308C
PGD48C0902D P1231402C
PGD60C0902D P1231405C

PGD24C0452D P1222301C
PGD24C0702D P1222302C
PGD24C0902D P1222303C
PGD30C0702D P1222304C
PGD30C0902D P1222305C
PGD36C0702D P1222306C
PGD36C0902D P1222307C
PGD42C0902D P1222308C

PGD48C0902D P1231402C
PGD48C1152D P1231403C
PGD48C1402D P1231404C
PGD60C0902D P1231405C
PGD60C1152D P1231406C
PGD60C1402D P1231407C
PGD24C0452E P1232001C
PGD24C0702E P1232002C
PGD24C0902E P1232003C
PGD30C0702E P1232004C
PGD30C0902E P1232005C
PGD36C0702E P1232006C
PGD36C0902E P1232007C
PGD42C0902E P1232008C

PGD48C0902E P1232102C
PGD48C1152E P1232103C
PGD48C1402E P1232104C
PGD60C0902E P1232105C
PGD60C1152E P1232106C
PGD60C1402E P1232107C

PGD24C0452E P1236501C
PGD24C0702E P1236502C
PGD24C0902E P1236503C
PGD30C0702E P1236504C
PGD30C0902E P1236505C
PGD36C0702E P1236506C
PGD36C0902E P1236507C
PGD42C0902E P1236508C

PGD24C0452E P1236509C
PGD24C0702E P1236510C
PGD24C0902E P1236511C
PGD30C0702E P1236512C
PGD30C0902E P1236513C

PGD48C0902E P1236602C
PGD48C1152E P1236603C
PGD48C1402E P1236604C
PGD60C0902E P1236605C
PGD60C1152E P1236606C
PGD60C1402E P1236607C

PGD24C0452G P1236514C
PGD24C0702G P1236515C
PGD24C0902G P1236516C
PGD30C0702G P1236517C
PGD30C0902G P1236518C
PGD36C0702G P1236519C

PGD24C0452X P1236530C
PGD30C0702X P1236531C
PGD36C0702X P1236532C
PGD42C0902X P1236533C

PGD36C0902G P1236520C
PGD42C0902G P1236521C
PGD48C0902G P1236608C
PGD48C1152G P1236609C
PGD48C1402G P1236610C

PGD24C0452G P1236522C
PGD24C0702G P1236523C
PGD24C0902G P1236524C
PGD30C0702G P1236525C
PGD30C0902G P1236526C
PGD36C0702G P1236527C
PGD36C0902G P1236528C
PGD42C0902G P1236529C



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.



DO NOT CONNECT TO 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.

PRODUCT DESIGN

PGD 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. In order to provide proper condensate flow, a drain trap is built into the unit. (Do not reduce the drain line size).

Refrigerant flow control is achieved by use of restrictor orifices or thermostatic expansion valves (TXV).

The single phase units use permanent split capacitor (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.

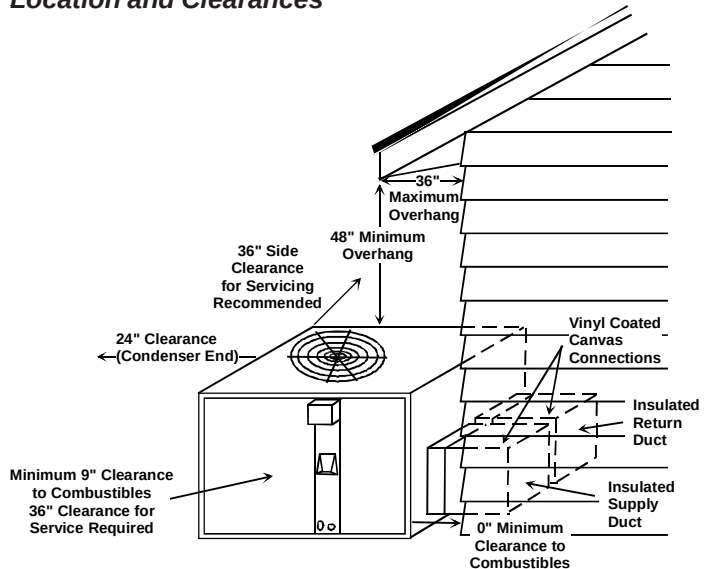
Conditioned air is drawn through the filter(s), field installed, across the coil and back into the conditioned space by the indoor blower.

Some models of PGD series package units use the Compliant Scroll compressor. There are a number of design characteristics which are different from the traditional reciprocating compressor.

- Phase 1 Scroll compressors include a discharge thermostat located beneath the compressor top cap.
- Phase 2 Scroll compressors will not have a discharge thermostat.
- 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.
- Phase 1 Scroll compressors, may run backwards (noisy operation) for 1 or 2 seconds at shutdown. This is normal and does not harm the compressor.

- 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 a service platform for service personnel 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.



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

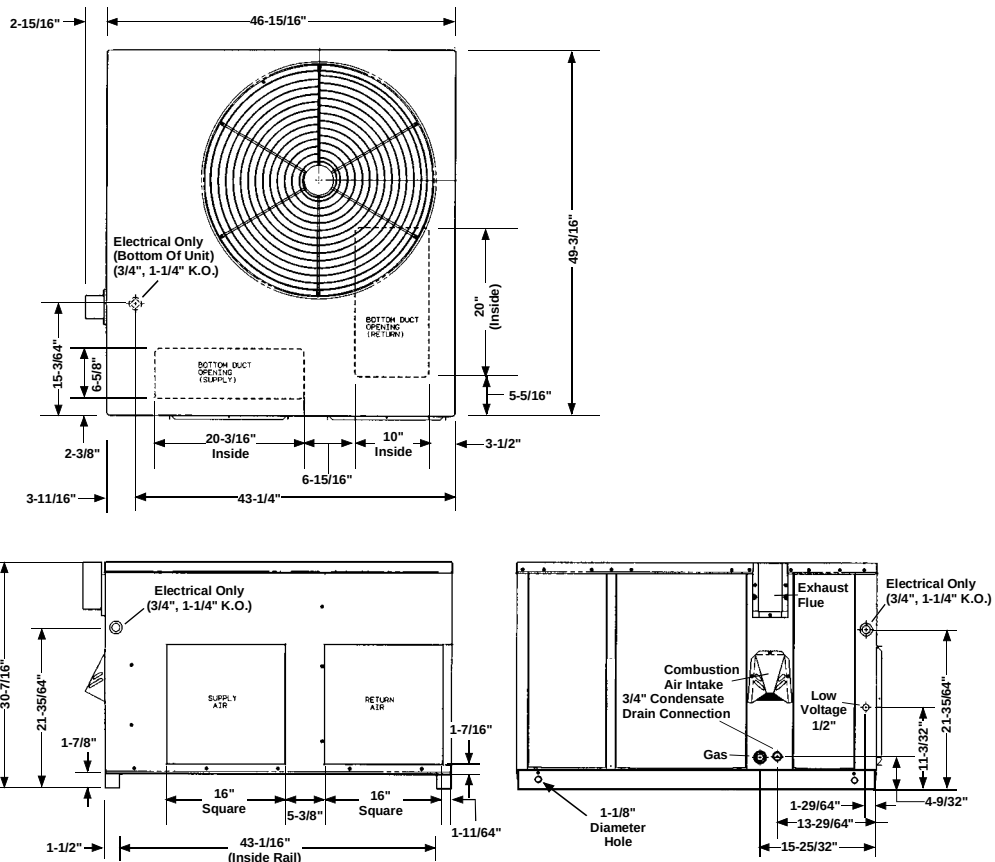
When this package unit is installed at high altitude, the appropriate High Altitude orifice kit must be installed. This is required due to the natural reduction in the density of both the gas fuel and combustion air as altitude increases. The kit will provide the proper design certified input rate within the specified altitude range. High altitude kits are not approved for use in Canada.

PROPANE AND HIGH ALTITUDE KITS					
Model	Gas	Altitude (Feet)	Kit	Orifice	Manifold Pressure
PGD*C*2D/E/G/X	Natural Propane	0 to 6,000	None LPT-00A	#43 #55	3.5" w.c. 10.0" w.c.
	Natural Propane	6,001 to 11,000	HA-02	#45 #56	3.5" w.c. 10.0" w.c.

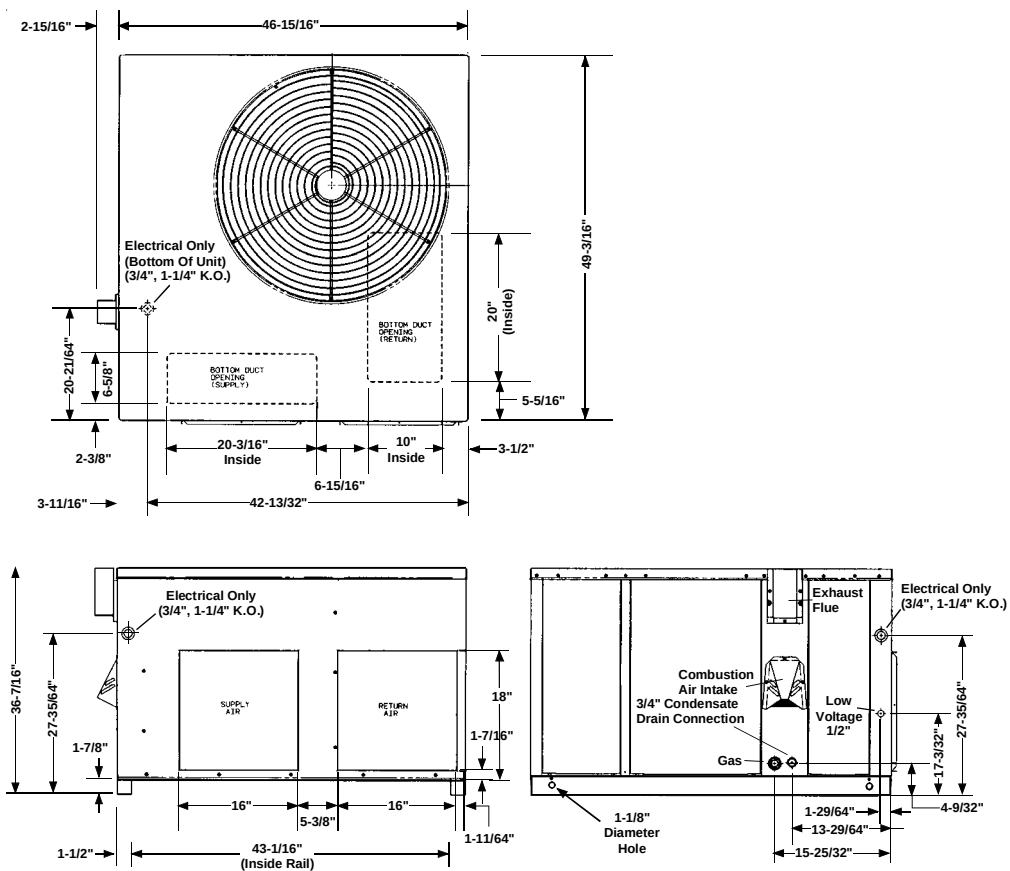
Units installed in Canada are certified only to 4500 feet.

High altitude kits are purchased according to the installation altitude and usage of either natural or propane gas. Refer to the chart above for a tabular listing of appropriate altitude ranges and corresponding manufacturer's high altitude Natural Gas and Propane Gas kits. It is not necessary to change the pressure switch for high altitude operation.

PRODUCT DESIGN



PGD24-42C***2*



PGD48-60C***2*

PACKAGE GAS SPECIFICATIONS

PGD24-30*****D

		PGD24C0452D	PGD24C0702D	PGD24C0902D	PGD30C0702D
COOLING CAPACITY	COOLING CAPACITY, BTUH	25,000	25,000	25,000	29,000
	SEER	13.05	13.05	13.05	13.05
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	46,000	69,000	92,000	69,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	36,800	55,200	73,600	55,200
	AFUE (%)	80	80	80	80
	TEMPERATURE RISE (°F)	25 - 55	30 - 60	45 - 75	30 - 60
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
	UNIT AMPS (TOTAL)	15	15	15	16.9
	MINIMUM CIRCUIT AMPACITY	16.6	16.6	16.6	19.0
	MAXIMUM OVERCURRENT PROTECTION	25	25	25	30
HEATING SECTION	NUMBER OF BURNERS	2	3	4	3
	ORIFICE SIZE NATURAL	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55
	PILOT ORIFICE SIZE NAT/LP	.018 / .012	.018 / .012	.018 / .012	.018 / .012
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	10.3	10.3	10.3	12.2
	LOCKED ROTOR AMPS	56.0	56.0	56.0	61.0
CONDENSER FAN MOTOR	HORSEPOWER	1/5	1/5	1/5	1/5
	RPM	825	825	825	825
	FULL LOAD AMPS	1.3	1.3	1.3	1.3
	LOCKED ROTOR AMPS	2.0	2.0	2.0	2.0
CONDENSER FAN	BLADE DIAMETER (INCHES) / NUMBER OF BLADES	26 / 4	26 / 4	26 / 4	26 / 4
	CFM	2500	2500	2500	2500
CONDENSER COIL	FACE AREA - SQ. FT.	10.2	10.2	10.2	10.2
	NUMBER OF ROWS	1	1	1	1
	FINS PER INCH	20	20	20	20
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/2 - 4	1/2 - 4	1/2 - 4	1/2 - 4
	FULL LOAD AMPS	2.4	2.4	2.4	2.4
	LOCKED ROTOR AMPS	5.5	5.5	5.5	5.5
	MOTOR SPEED TAP - COOLING	LOW	LOW	LOW	MED-LOW
	RPM / AMPS	800 / 1.2	800 / 1.2	800 / 1.2	870 / 1.5
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10 X 10	10 X 10	10 X 10	10 X 10
	RATED SCFM COOLING	800	800	800	1000
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	4.2	4.2	4.2	4.2
	NUMBER OF ROWS	3	3	3	3
	FINS PER INCH	14	14	14	14
	FILTER SIZE - SQ. FT.	3	3	3	3.5
	DRAIN SIZE (INCHES)	3/4	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	150	150	150	150
	AUXILIARY LIMIT SETTING (°F)	200	200	200	200
	ROLLOUT LIMIT SETTING (°F)	325	325	325	325
GENERAL INFORMATION	EXPANSION DEVICE	TXV	TXV	TXV	TXV
	REFRIGERANT CHARGE R-22 (Oz.)	74	74	74	74
	POWER SUPPLY ENTRANCE SIZE (INCHES)	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	1/2	1/2	1/2	1/2
	SHIPPING WEIGHT LBS.	404	410	416	410
	OPERATING WEIGHT LBS.	389	395	401	395
ACCESSORIES	PROPANE GAS CONVERSION KIT	LPTK09	LPTK09	LPTK09	LPTK09
	COMPRESSOR SOUND BLANKET	CSB07A	CSB07A	CSB07A	CSB07A
	HORIZONTAL DUCT COVER KIT (2 COVERS)*	CHK001A	CHK001A	CHK001A	CHK001A
	OVER / UNDER DUCT CONVERSION KIT	PDTR0U4A	PDTR0U4A	PDTR0U4A	PDTR0U4A
	ROOF CURB - GAS ELECTRIC	PRC07A1	PRC07A1	PRC07A1	PRC07A1
	ROOF CURB - COMBINATION	PRC08A1	PRC08A1	PRC08A1	PRC08A1

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

* Required for down discharge installations.

PACKAGE GAS SPECIFICATIONS

PGD30-42*****D

		PGD30C0902D	PGD36C0702D	PGD36C0902D	PGD42C0902D
COOLING CAPACITY	COOLING CAPACITY, BTUH	29,000	35,800	35,800	41,000
	SEER	13.05	13.05	13.05	13.05
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	92,000	69,000	92,000	92,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	73,600	55,200	73,600	73,600
	AFUE (%)	80	80	80	80
	TEMPERATURE RISE (°F)	45 - 75	30 - 60	45 - 75	45 - 75
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
	UNIT AMPS (TOTAL)	16.9	18.2	18.2	21.3
	MINIMUM CIRCUIT AMPACITY	19.0	20.6	20.6	24.4
	MAXIMUM OVERCURRENT PROTECTION	30	30	30	40
HEATING SECTION	NUMBER OF BURNERS	4	3	4	4
	ORIFICE SIZE NATURAL	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55
	PILOT ORIFICE SIZE NAT/LP	.018 / .012	.018 / .012	.018 / .012	.018 / .012
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLLs	SCROLL
	RATED LOAD AMPS	12.2	13.5	13.5	16.5
	LOCKED ROTOR AMPS	61.0	73.0	73.0	95.0
CONDENSER FAN MOTOR	HORSEPOWER	1/5	1/5	1/5	1/5
	RPM	825	825	825	825
	FULL LOAD AMPS	1.3	1.3	1.3	1.3
	LOCKED ROTOR AMPS	2.0	2.0	2.0	2.0
CONDENSER FAN	BLADE DIAMETER (INCHES) / NUMBER OF BLADES	26 / 4	26 / 4	26 / 4	26 / 4
	CFM	2500	2500	2500	2500
CONDENSER COIL	FACE AREA - SQ. FT.	10.2	10.2	10.2	10.2
	NUMBER OF ROWS	1	2	2	2
	FINS PER INCH	20	20	20	20
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/2 - 4	1/2 - 4	1/2 - 4	1/3 - 2
	FULL LOAD AMPS	2.4	2.4	2.4	2.5
	LOCKED ROTOR AMPS	5.5	5.5	5.5	4.8
	MOTOR SPEED TAP - COOLING	MED-LOW	MED-HI	MED-HI	HIGH
	RPM / AMPS	870 / 1.5	950 / 1.9	950 / 1.9	1050 / 2.3
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10 X 10	10 X 10	10 X 10	10 X 10
	RATED SCFM COOLING	1000	1150	1150	1350
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	4.2	4.2	4.2	4.2
	NUMBER OF ROWS	3	4	4	4
	FINS PER INCH	14	14	14	14
	FILTER SIZE - SQ. FT.	3.5	4	4	4.5
	DRAIN SIZE (INCHES)	3/4	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	170	150	170	170
	AUXILIARY LIMIT SETTING (°F)	200	200	200	200
	ROLLOUT LIMIT SETTING (°F)	325	325	325	325
GENERAL INFORMATION	EXPANSION DEVICE	TXV	TXV	TXV	TXV
	REFRIGERANT CHARGE R-22 (Oz.)	74	110	110	120
	POWER SUPPLY ENTRANCE SIZE (INCHES)	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	1/2	1/2	1/2	1/2
	SHIPPING WEIGHT LBS.	416	443	449	449
	OPERATING WEIGHT LBS.	401	428	434	434
ACCESSORIES	PROPANE GAS CONVERSION KIT	LPTK09	LPTK09	LPTK09	LPTK09
	COMPRESSOR SOUND BLANKET	CSB07A	CSB07A	CSB07A	CSB07A
	HORIZONTAL DUCT COVER KIT (2 COVERS)*	CHK001A	CHK001A	CHK001A	CHK002A
	OVER / UNDER DUCT CONVERSION KIT	PDTR0U4A	PDTR0U4A	PDTR0U4A	PDTR0U4A
	ROOF CURB - GAS ELECTRIC	PRC07A1	PRC07A1	PRC07A1	PRC07A1
	ROOF CURB - COMBINATION	PRC08A1	PRC08A1	PRC08A1	PRC08A1

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

* Required for down discharge installations.

PACKAGE GAS SPECIFICATIONS

PGD42-48*****D

		PGD48C0902D	PGD48C1152D	PGD48C1402D
COOLING CAPACITY	COOLING CAPACITY, BTUH	47,000	47,000	47,000
	SEER	13.05	13.05	13.05
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	92,000	115,000	138,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	73,600	92,000	110,400
	AFUE (%)	80	80	80
	TEMPERATURE RISE (°F)	45 - 75	45 - 75	45 - 75
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208/230-60-1	208/230-60-1	208/230-60-1
	UNIT AMPS (TOTAL)	26.6	26.6	26.6
	MINIMUM CIRCUIT AMPACITY	31.2	31.2	31.2
	MAXIMUM OVERCURRENT PROTECTION	45	45	45
HEATING SECTION	NUMBER OF BURNERS	4	5	6
	ORIFICE SIZE NATURAL	43	43	43
	ORIFICE SIZE LP	55	55	55
	PILOT ORIFICE SIZE NAT/LP	.018 / .012	.018 / .012	.018 / .012
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	18.3	18.3	18.3
	LOCKED ROTOR AMPS	109	109	109
CONDENSER FAN MOTOR	HORSEPOWER	1/5	1/5	1/5
	RPM	825	825	825
	FULL LOAD AMPS	1.30	1.30	1.30
	LOCKED ROTOR AMPS	2.0	2.0	2.0
CONDENSER FAN	BLADE DIAMETER (INCHES) / NUMBER OF BLADES	22 / 4	22 / 4	22 / 4
	CFM	2500	2500	2500
CONDENSER COIL	FACE AREA - SQ. FT.	12	12	12
	NUMBER OF ROWS	2	2	2
	FINS PER INCH	20	20	20
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1-ECM	1-ECM	1-ECM
	FULL LOAD AMPS	7	7	7
	LOCKED ROTOR AMPS	ECM	ECM	ECM
	MOTOR SPEED TAP - COOLING	VARIABLE	VARIABLE	VARIABLE
	RPM / AMPS	VARIABLE	VARIABLE	VARIABLE
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	11 X10	11 X10	11 X10
	RATED SCFM COOLING	1500	1500	1500
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	5.2	5.2	5.2
	NUMBER OF ROWS	4	4	4
	FINS PER INCH	14	14	14
	FILTER SIZE - SQ. FT.	5	5	5
	DRAIN SIZE (INCHES)	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	165	165	165
	AUXILIARY LIMIT SETTING (°F)	200	200	200
	ROLLOUT LIMIT SETTING (°F)	325	325	325
GENERAL INFORMATION	EXPANSION DEVICE	ORIFICE	ORIFICE	ORIFICE
	REFRIGERANT CHARGE R-22 (Oz.)	ON NAMEPLATE	ON NAMEPLATE	ON NAMEPLATE
	POWER SUPPLY ENTRANCE SIZE (INCHES)	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	1/2	1/2	1/2
	SHIPPING WEIGHT LBS.	461	467	473
	OPERATING WEIGHT LBS.	441	447	453
ACCESSORIES	PROPANE GAS CONVERSION KIT	LPTK09	LPTK09	LPTK09
	COMPRESSOR SOUND BLANKET	CSB04A	CSB04A	CSB08A
	HORIZONTAL DUCT COVER KIT (2 COVERS)*	CHK002A	CHK002A	N/A ²
	OVER / UNDER DUCT CONVERSION KIT	PDTR0U4A	PDTR0U4A	PDTR0U6A
	ROOF CURB - GAS ELECTRIC	PRC07A1	PRC07A1	PRC07A1
	ROOF CURB - COMBINATION	PRC08A1	PRC08A1	PRC08A1

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

² Not approved for bottom **"DOWN"** discharge configuration.

* Required for down discharge installations.

PACKAGE GAS SPECIFICATIONS

PGD60*****D

		PGD60C0902D	PGD60C1152D	PGD60C1402D
COOLING CAPACITY	COOLING CAPACITY, BTUH	59,000	59,000	59,000
	SEER	12.00	12.00	12.00
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	92,000	115,000	138,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	73,600	92,000	110,400
	AFUE (%)	80	80	80
	TEMPERATURE RISE (°F)	45 - 75	45 - 75	45 - 75
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208/230-60-1	208/230-60-1	208/230-60-1
	UNIT AMPS (TOTAL)	34.4	34.4	34.4
	MINIMUM CIRCUIT AMPACITY	40.7	40.7	40.7
	MAXIMUM OVERCURRENT PROTECTION	60	60	60
HEATING SECTION	NUMBER OF BURNERS	4	5	6
	ORIFICE SIZE NATURAL	43	43	43
	ORIFICE SIZE LP	55	55	55
	PILOT ORIFICE SIZE NAT/LP	.018 / .012	.018 / .012	.018/ .012
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	25	25	25
	LOCKED ROTOR AMPS	169	169	169
CONDENSER FAN MOTOR	HORSEPOWER	1/3	1/3	1/3
	RPM	1100	1100	1100
	FULL LOAD AMPS	2.4	2.4	2.4
	LOCKED ROTOR AMPS	5.8	5.8	5.8
CONDENSER FAN	BLADE DIAMETER (INCHES) / NUMBER OF BLADES	22 / 4	22 / 4	22 / 4
	CFM	3000	3000	3000
CONDENSER COIL	FACE AREA - SQ. FT.	12	12	12
	NUMBER OF ROWS	2	2	2
	FINS PER INCH	20	20	20
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1-ECM	1-ECM	1-ECM
	FULL LOAD AMPS	7	7	7
	LOCKED ROTOR AMPS	ECM	ECM	ECM
	MOTOR SPEED TAP - COOLING	VARIABLE	VARIABLE	VARIABLE
	RPM / AMPS	VARIABLE	VARIABLE	VARIABLE
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	11 X10	11 X10	11 X10
	RATED SCFM COOLING	1750	1750	1750
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	5.2	5.2	5.2
	NUMBER OF ROWS	3	4	4
	FINS PER INCH	14	14	14
	FILTER SIZE - SQ. FT.	5.8	5.8	5.8
	DRAIN SIZE (INCHES)	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	165	165	165
	AUXILIARY LIMIT SETTING (°F)	200	200	200
	ROLLOUT LIMIT SETTING (°F)	325	325	325
GENERAL INFORMATION	EXPANSION DEVICE	ORIFICE	ORIFICE	ORIFICE
	REFRIGERANT CHARGE R-22 (Oz.)	ON NAMEPLATE	ON NAMEPLATE	ON NAMEPLATE
	POWER SUPPLY ENTRANCE SIZE (INCHES)	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	1/2	1/2	1/2
	SHIPPING WEIGHT LBS.	478	484	490
	OPERATING WEIGHT LBS.	458	464	470
ACCESSORIES	PROPANE GAS CONVERSION KIT	LPTK09	LPTK09	LPTK09
	COMPRESSOR SOUND BLANKET	CSB08A	CSB08A	CSB08A
	HORIZONTAL DUCT COVER KIT (2 COVERS)*	CHK002A	CHK002A	N/A ²
	OVER / UNDER DUCT CONVERSION KIT	PDTR0U6A	PDTR0U6A	PDTR0U6A
	ROOF CURB - GAS ELECTRIC	PRC07A1	PRC07A1	PRC07A1
	ROOF CURB - COMBINATION	PRC08A1	PRC08A1	PRC08A1

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

² Not approved for bottom **"DOWN"** discharge configuration.

* Required for down discharge installations.

PACKAGE GAS SPECIFICATIONS

PGD24-30****E

		PGD24C0452E	PGD24C0702E	PGD24C0902E	PGD30C0902E
COOLING CAPACITY	COOLING CAPACITY, BTUH	25,000	25,000	25,000	29,000
	SEER	13.05	13.05	13.05	13.05
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	46,000	69,000	92,000	69,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	36,800	55,200	73,600	55,200
	AFUE (%)	80	80	80	80
	TEMPERATURE RISE (°F)	25 - 55	30 - 60	45 - 75	30 - 60
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
	UNIT AMPS (TOTAL)	15	15	15	16.9
	MINIMUM CIRCUIT AMPACITY	16.6	16.6	16.6	19.0
	MAXIMUM OVERCURRENT PROTECTION	25	25	25	30
HEATING SECTION	NUMBER OF BURNERS	2	3	4	3
	ORIFICE SIZE NATURAL	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	10.3	10.3	10.3	12.2
	LOCKED ROTOR AMPS	56	56	56	61
CONDENSER FAN MOTOR	HORSEPOWER	1/5	1/5	1/5	1/5
	RPM	825	825	825	825
	FULL LOAD AMPS	1.3	1.3	1.3	1.3
	LOCKED ROTOR AMPS	2	2	2	2
CONDENSER FAN	BLADE DIAMETER (INCHES) / NUMBER OF BLADES	26 / 4	26 / 4	26 / 4	26 / 4
	CFM	2500	2500	2500	2500
CONDENSER COIL	FACE AREA - SQ. FT.	10.2	10.2	10.2	10.2
	NUMBER OF ROWS	1	1	1	1
	FINS PER INCH	20	20	20	20
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/2 - 4	1/2 - 4	1/2 - 4	1/2 - 4
	FULL LOAD AMPS	2.4	2.4	2.4	2.4
	LOCKED ROTOR AMPS	5.5	5.5	5.5	5.5
	MOTOR SPEED TAP - COOLING	LOW	LOW	LOW	MED-LOW
	RPM / AMPS	800 / 1.2	800 / 1.2	800 / 1.2	870 / 1.5
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10 X 10	10 X 10	10 X 10	10 X 10
	RATED SCFM COOLING	800	800	800	1000
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	4.2	4.2	4.2	4.2
	NUMBER OF ROWS	3	3	3	3
	FINS PER INCH	14	14	14	14
	FILTER SIZE - SQ. FT.	3	3	3	3.5
	DRAIN SIZE (INCHES)	3/4	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	150	150	150	170
	AUXILIARY LIMIT SETTING (°F)	200	200	200	200
	ROLLOUT LIMIT SETTING (°F)	325	325	325	325
GENERAL INFORMATION	EXPANSION DEVICE	TXV	TXV	TXV	TXV
	REFRIGERANT CHARGE R-22 (Oz.)	74	74	74	74
	POWER SUPPLY ENTRANCE SIZE (INCHES)	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	1/2	1/2	1/2	1/2
	SHIPPING WEIGHT LBS.	403	405	407	406
	OPERATING WEIGHT LBS.	417	419	421	420
ACCESSORIES	PROPANE GAS CONVERSION KIT	LPTK09	LPTK09	LPTK09	LPTK09
	COMPRESSOR SOUND BLANKET	CSB04A	CSB04A	CSB04A	CSB04A
	HORIZONTAL DUCT COVER KIT (2 COVERS)*	CHK001A	CHK001A	CHK001A	CHK001A
	OVER / UNDER DUCT CONVERSION KIT	PDTR0U4A	PDTR0U4A	PDTR0U4A	PDTR0U4A
	ROOF CURB - GAS ELECTRIC	PRC07A1	PRC07A1	PRC07A1	PRC07A1
	ROOF CURB - COMBINATION	PRC08A1	PRC08A1	PRC08A1	PRC08A1

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

* Required for down discharge installations.

PACKAGE GAS SPECIFICATIONS

PGD30-42****E

		PGD30C0902E	PGD36C0702E	PGD36C0902E	PGD42C0902E
COOLING CAPACITY	COOLING CAPACITY, BTUH	29,000	35,800	35,800	41,000
	SEER	13.05	13.05	13.05	13.05
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	92,000	69,000	92,000	92,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	73,600	55,200	73,600	73,600
	AFUE (%)	80	80	80	80
	TEMPERATURE RISE (°F)	45 - 75	30 - 60	45 - 75	45 - 75
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
	UNIT AMPS (TOTAL)	16.9	18.2	18.2	21.3
	MINIMUM CIRCUIT AMPACITY	19.0	20.6	20.6	24.4
	MAXIMUM OVERCURRENT PROTECTION	30	35	35	40
HEATING SECTION	NUMBER OF BURNERS	4	3	4	4
	ORIFICE SIZE NATURAL	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	12.2	13.5	13.5	16.5
	LOCKED ROTOR AMPS	61	73	73	95
CONDENSER FAN MOTOR	HORSEPOWER	1/5	1/5	1/5	1/5
	RPM	825	825	825	825
	FULL LOAD AMPS	1.3	1.3	1.3	1.3
	LOCKED ROTOR AMPS	2	2	2	2
CONDENSER FAN	BLADE DIAMETER (INCHES) / NUMBER OF BLADES	26 / 4	26 / 4	26 / 4	26 / 4
	CFM	2500	2500	2500	2500
CONDENSER COIL	FACE AREA - SQ. FT.	10.2	10.2	10.2	10.2
	NUMBER OF ROWS	1	2	2	2
	FINS PER INCH	20	20	20	20
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/2 - 4	1/2 - 4	1/2 - 4	1/3 - 2
	FULL LOAD AMPS	2.4	2.4	2.4	2.5
	LOCKED ROTOR AMPS	5.5	5.5	5.5	4.8
	MOTOR SPEED TAP - COOLING	MED-LOW	MED-HI	MED-HI	HIGH
	RPM / AMPS	870 / 1.5	950 / 1.9	950 / 1.9	1050 / 2.3
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10 X 10	10 X 10	10 X 10	10 X 10
	RATED SCFM COOLING	1000	1150	1150	1350
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	4.2	4.2	4.2	4.2
	NUMBER OF ROWS	3	4	4	4
	FINS PER INCH	14	14	14	14
	FILTER SIZE - SQ. FT.	3.5	4	4	4.5
	DRAIN SIZE (INCHES)	3/4	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	170	150	170	170
	AUXILIARY LIMIT SETTING (°F)	200	200	200	200
	ROLLOUT LIMIT SETTING (°F)	325	325	325	325
GENERAL INFORMATION	EXPANSION DEVICE	TXV	TXV	TXV	TXV
	REFRIGERANT CHARGE R-22 (Oz.)	74	110	110	120
	POWER SUPPLY ENTRANCE SIZE (INCHES)	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	1/2	1/2	1/2	1/2
	SHIPPING WEIGHT LBS.	408	412	414	417
	OPERATING WEIGHT LBS.	422	426	428	431
ACCESSORIES	PROPANE GAS CONVERSION KIT	LPTK09	LPTK09	LPTK09	LPTK09
	COMPRESSOR SOUND BLANKET	CSB04A	CSB04A	CSB04A	CSB08A
	HORIZONTAL DUCT COVER KIT (2 COVERS)*	CHK001A	CHK001A	CHK001A	CHK002A
	OVER / UNDER DUCT CONVERSION KIT	PDTR0U4A	PDTR0U4A	PDTR0U4A	PDTR0U6A
	ROOF CURB - GAS ELECTRIC	PRC07A1	PRC07A1	PRC07A1	PRC07A1
	ROOF CURB - COMBINATION	PRC08A1	PRC08A1	PRC08A1	PRC08A1

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

* Required for down discharge installations.

PACKAGE GAS SPECIFICATIONS

PGD42-48****E

		PGD48C0902E	PGD48C1152E	PGD48C1402E
COOLING CAPACITY	COOLING CAPACITY, BTUH	47,000	47,000	47,000
	SEER	13.05	13.05	13.05
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	92,000	115,000	138,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	73,600	92,000	110,400
	AFUE (%)	80	80	80
	TEMPERATURE RISE (°F)	45 - 75	45 - 75	45 - 75
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208/230-60-1	208/230-60-1	208/230-60-1
	UNIT AMPS (TOTAL)	26.6	26.6	26.6
	MINIMUM CIRCUIT AMPACITY	31.2	31.2	31.2
	MAXIMUM OVERCURRENT PROTECTION	45	45	45
HEATING SECTION	NUMBER OF BURNERS	4	5	6
	ORIFICE SIZE NATURAL	43	43	43
	ORIFICE SIZE LP	55	55	55
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	18.3	18.3	18.3
	LOCKED ROTOR AMPS	109	109	109
CONDENSER FAN MOTOR	HORSEPOWER	1/5	1/5	1/5
	RPM	825	825	825
	FULL LOAD AMPS	1.30	1.30	1.30
	LOCKED ROTOR AMPS	2.0	2.0	2.0
CONDENSER FAN	BLADE DIAMETER (INCHES) / NUMBER OF BLADES	22 / 4	22 / 4	22 / 4
	CFM	2500	2500	2500
CONDENSER COIL	FACE AREA - SQ. FT.	12	12	12
	NUMBER OF ROWS	2	2	2
	FINS PER INCH	20	20	20
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1-ECM	1-ECM	1-ECM
	FULL LOAD AMPS	7	7	7
	LOCKED ROTOR AMPS	ECM	ECM	ECM
	MOTOR SPEED TAP - COOLING	VARIABLE	VARIABLE	VARIABLE
	RPM / AMPS	VARIABLE	VARIABLE	VARIABLE
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	11 X10	11 X10	11 X10
	RATED SCFM COOLING	1500	1500	1500
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	5.2	5.2	5.2
	NUMBER OF ROWS	4	4	4
	FINS PER INCH	14	14	14
	FILTER SIZE - SQ. FT.	5	5	5
	DRAIN SIZE (INCHES)	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	165	165	165
	AUXILIARY LIMIT SETTING (°F)	190	180	150
	ROLLOUT LIMIT SETTING (°F)	325	325	325
GENERAL INFORMATION	EXPANSION DEVICE	ORIFICE	ORIFICE	ORIFICE
	REFRIGERANT CHARGE R-22 (Oz.)	ON NAMEPLATE	ON NAMEPLATE	ON NAMEPLATE
	POWER SUPPLY ENTRANCE SIZE (INCHES)	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	1/2	1/2	1/2
	SHIPPING WEIGHT LBS.	461	467	473
	OPERATING WEIGHT LBS.	441	447	453
ACCESSORIES	PROPANE GAS CONVERSION KIT	LPTK09	LPTK09	LPTK09
	COMPRESSOR SOUND BLANKET	CSB08A	CSB08A	CSB08A
	HORIZONTAL DUCT COVER KIT (2 COVERS)*	CHK002A	CHK002A	CHK002A
	OVER / UNDER DUCT CONVERSION KIT	PDTR0U4A	PDTR0U4A	PDTR0U6A
	ROOF CURB - GAS ELECTRIC	PRC07A1	PRC07A1	PRC07A1
	ROOF CURB - COMBINATION	PRC08A1	PRC08A1	PRC08A1

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

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

* Required for down discharge installations.

PACKAGE GAS SPECIFICATIONS

PGD60****E

		PGD60C0902E	PGD60C1152E	PGD60C1402E
COOLING CAPACITY	COOLING CAPACITY, BTUH	59,000	59,000	59,000
	SEER	12.00	12.00	12.00
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	92,000	115,000	138,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	73,600	92,000	110,400
	AFUE (%)	80	80	80
	TEMPERATURE RISE (°F)	45 - 75	45 - 75	45 - 75
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208/230-60-1	208/230-60-1	208/230-60-1
	UNIT AMPS (TOTAL)	34.4	34.4	34.4
	MINIMUM CIRCUIT AMPACITY	40.7	40.7	40.7
	MAXIMUM OVERCURRENT PROTECTION	60	60	60
HEATING SECTION	NUMBER OF BURNERS	4	5	6
	ORIFICE SIZE NATURAL	43	43	43
	ORIFICE SIZE LP	55	55	55
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	25	25	25
	LOCKED ROTOR AMPS	169	169	169
CONDENSER FAN MOTOR	HORSEPOWER	1/3	1/3	1/3
	RPM	1100	1100	1100
	FULL LOAD AMPS	2.4	2.4	2.4
	LOCKED ROTOR AMPS	5.8	5.8	5.8
CONDENSER FAN	BLADE DIAMETER (INCHES) / NUMBER OF BLADES	22 / 4	22 / 4	22 / 4
	CFM	3000	3000	3000
CONDENSER COIL	FACE AREA - SQ. FT.	12	12	12
	NUMBER OF ROWS	2	2	2
	FINS PER INCH	20	20	20
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1-ECM	1-ECM	1-ECM
	FULL LOAD AMPS	7	7	7
	LOCKED ROTOR AMPS	ECM	ECM	ECM
	MOTOR SPEED TAP - COOLING	VARIABLE	VARIABLE	VARIABLE
	RPM / AMPS	VARIABLE	VARIABLE	VARIABLE
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	11 X10	11 X10	11 X10
	RATED SCFM COOLING	1750	1750	1750
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	5.2	5.2	5.2
	NUMBER OF ROWS	4	4	4
	FINS PER INCH	14	14	14
	FILTER SIZE - SQ. FT.	5.8	5.8	5.8
	DRAIN SIZE (INCHES)	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	165	165	165
	AUXILIARY LIMIT SETTING (°F)	190	180	150
	ROLLOUT LIMIT SETTING (°F)	325	325	325
GENERAL INFORMATION	EXPANSION DEVICE	ORIFICE	ORIFICE	ORIFICE
	REFRIGERANT CHARGE R-22 (Oz.)	ON NAMEPLATE	ON NAMEPLATE	ON NAMEPLATE
	POWER SUPPLY ENTRANCE SIZE (INCHES)	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	1/2	1/2	1/2
	SHIPPING WEIGHT LBS.	478	484	490
	OPERATING WEIGHT LBS.	458	464	470
ACCESSORIES	PROPANE GAS CONVERSION KIT	LPTK09	LPTK09	LPTK09
	COMPRESSOR SOUND BLANKET	CSB08A	CSB08A	CSB08A
	HORIZONTAL DUCT COVER KIT (2 COVERS)*	CHK002A	CHK002A	N/A ²
	OVER / UNDER DUCT CONVERSION KIT	PDTR0U6A	PDTR0U6A	PDTR0U6A
	ROOF CURB - GAS ELECTRIC	PRC07A1	PRC07A1	PRC07A1
	ROOF CURB - COMBINATION	PRC08A1	PRC08A1	PRC08A1

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

* Required for down discharge installations.

² Not approved for bottom "**DOWN**" discharge configuration.

PACKAGE GAS SPECIFICATIONS

PGD24****G

		PGD24C0452G		PGD24C0702G		PGD24C0902G	
		P1236514C	P1236522C	P1236515C	P1236523C	P1236516C	P1236524C
COOLING CAPACITY	COOLING CAPACITY, BTUH	25,000	25,000	25,000	25,000	25,000	25,000
	SEER	13.05	13.05	13.05	13.05	13.05	13.05
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN) ¹	46,000	46,000	69,000	69,000	92,000	92,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN) ¹	36,800	36,800	55,200	55,200	73,600	73,600
	AFUE (%)	80	80	80	80	80	80
	TEMPERATURE RISE (°F)	25 - 55	25 - 55	30 - 60	30 - 60	45 - 75	45 - 75
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
	UNIT AMPS (TOTAL)	15	15	15	15	15	15
	MINIMUM CIRCUIT AMPACITY	17.3	17.3	17.3	17.3	17.3	17.3
	MAXIMUM OVERCURRENT PROTECTION	25	25	25	25	25	25
HEATING SECTION	NUMBER OF BURNERS	2	2	3	3	4	4
	ORIFICE SIZE NATURAL	43	43	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55	55	55
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	10.9	10.9	10.9	10.9	10.9	10.9
	LOCKED ROTOR AMPS	54.0	54.0	54.0	54.0	54.0	54.0
CONDENSER FAN MOTOR	HORSEPOWER	1/5	1/5	1/5	1/5	1/5	1/5
	RPM	825	825	825	825	825	825
	FULL LOAD AMPS	1.3	1.3	1.3	1.3	1.3	1.3
	LOCKED ROTOR AMPS	2.0	2.0	2.0	2.0	2.0	2.0
CONDENSER FAN	BLADE DIAMETER (INCHES) / NUMBER OF BLADES	22 / 4	22 / 4	22 / 4	22 / 4	22 / 4	22 / 4
	CFM	2500	2500	2500	2500	2500	2500
CONDENSER COIL	FACE AREA - SQ. FT.	10.2	10.2	10.2	10.2	10.2	10.2
	NUMBER OF ROWS	1	1	1	1	1	1
	FINS PER INCH	20	20	20	20	20	20
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/2 - 4	1/2 - 4	1/2 - 4	1/2 - 4	1/2 - 4	1/2 - 4
	FULL LOAD AMPS	2.4	2.4	2.4	2.4	2.4	2.4
	LOCKED ROTOR AMPS	5.5	5.5	5.5	5.5	5.5	5.5
	MOTOR SPEED TAP - COOLING	LOW	LOW	LOW	LOW	LOW	LOW
	RPM / AMPS	800 / 1.2	800 / 1.2	800 / 1.2	800 / 1.2	800 / 1.2	800 / 1.2
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10 X 10	10 X 10	10 X 10	10 X 10	10 X 10	10 X 10
	RATED SCFM COOLING	800	800	800	800	800	800
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	4.2	4.2	4.2	4.2	4.2	4.2
	NUMBER OF ROWS	3	3	3	3	3	3
	FINS PER INCH	14	14	14	14	14	14
	FILTER SIZE - SQ. FT.	3	3	3	3	3	3
	DRAIN SIZE (INCHES)	3/4	3/4	3/4	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	150	150	150	150	170	170
	AUXILIARY LIMIT SETTING (°F)	190	190	190	190	190	190
	ROLLOUT LIMIT SETTING (°F)	325	325	325	325	325	325
GENERAL INFORMATION	EXPANSION DEVICE	TXV	ORIFICE	TXV	ORIFICE	TXV	ORIFICE
	REFRIGERANT CHARGE R-22 (Oz.)	74	68	74	68	74	68
	POWER SUPPLY ENTRANCE SIZE (INCHES)	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	1/2	1/2	1/2	1/2	1/2	1/2
	SHIPPING WEIGHT LBS.	404	404	410	410	416	416
	OPERATING WEIGHT LBS.	389	389	395	395	401	401
ACCESSORIES	PROPANE GAS CONVERSION KIT	LPT-00A	LPT-00A	LPT-00A	LPT-00A	LPT-00A	LPT-00A
	COMPRESSOR SOUND BLANKET	CSB07A	CSB07A	CSB07A	CSB07A	CSB07A	CSB07A
	HORIZONTAL DUCT COVER KIT (2 COVERS)*	CHK001A	CHK001A	CHK001A	CHK001A	CHK001A	CHK001A
	OVER / UNDER DUCT CONVERSION KIT	PDTR0U4A	PDTR0U4A	PDTR0U4A	PDTR0U4A	PDTR0U4A	PDTR0U4A
	ROOF CURB - GAS ELECTRIC	PRC07A1	PRC07A1	PRC07A1	PRC07A1	PRC07A1	PRC07A1
	ROOF CURB - COMBINATION	PRC08A1	PRC08A1	PRC08A1	PRC08A1	PRC08A1	PRC08A1

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

* Required for down discharge installations.

PACKAGE GAS SPECIFICATIONS

PGD30-36*****G

		PGD30C0702G		PGD30C0902G		PGD36C0702G	
		P1236517C	P1236525C	P1236518C	P1236526C	P1236519C	P1236527C
COOLING CAPACITY	COOLING CAPACITY, BTUH	29,000	29,000	29,000	29,000	35,800	35,800
	SEER	13.05	13.05	13.05	13.05	13.05	13.05
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	69,000	69,000	92,000	92,000	69,000	69,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	55,200	55,200	73,600	73,600	55,200	55,200
	AFUE (%)	80	80	80	80	80	80
	TEMPERATURE RISE (°F)	30 - 60	30 - 60	45 - 75	45 - 75	30 - 60	30 - 60
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
	UNIT AMPS (TOTAL)	16.9	16.9	16.9	16.9	18.2	18.2
	MINIMUM CIRCUIT AMPACITY	19.0	19.0	19.0	19.0	20.6	20.6
	MAXIMUM OVERCURRENT PROTECTION	30	30	30	30	30	30
HEATING SECTION	NUMBER OF BURNERS	3	3	4	4	3	3
	ORIFICE SIZE NATURAL	43	43	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55	55	55
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	12.2	12.2	12.2	12.2	13.5	13.5
	LOCKED ROTOR AMPS	63.0	63.0	63.0	63.0	73.0	73.0
CONDENSER FAN MOTOR	HORSEPOWER	1/5	1/5	1/5	1/5	1/5	1/5
	RPM	825	825	825	825	825	825
	FULL LOAD AMPS	1.3	1.3	1.3	1.3	1.3	1.3
	LOCKED ROTOR AMPS	2.0	2.0	2.0	2.0	2.0	2.0
CONDENSER FAN	BLADE DIAMETER (INCHES) / NUMBER OF BLADES	22 / 4	22 / 4	22 / 4	22 / 4	22 / 4	22 / 4
	CFM	2500	2500	2500	2500	2500	2500
CONDENSER COIL	FACE AREA - SQ. FT.	10.2	10.2	10.2	10.2	10.2	10.2
	NUMBER OF ROWS	1	1	1	1	2	2
	FINS PER INCH	20	20	20	20	20	20
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/2 - 4	1/2 - 4	1/2 - 4	1/2 - 4	1/2 - 4	1/2 - 4
	FULL LOAD AMPS	2.4	2.4	2.4	2.4	2.4	2.4
	LOCKED ROTOR AMPS	5.5	5.5	5.5	5.5	5.5	5.5
	MOTOR SPEED TAP - COOLING	MED-LOW	MED-LOW	MED-LOW	MED-LOW	MED-HI	MED-HI
	RPM / AMPS	870 / 1.5	870 / 1.5	870 / 1.5	870 / 1.5	950 / 1.9	950 / 1.9
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10 X 10	10 X 10	10 X 10	10 X 10	10 X 10	10 X 10
	RATED SCFM COOLING	1000	1000	1000	1000	1150	1150
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	4.2	4.2	4.2	4.2	4.2	4.2
	NUMBER OF ROWS	3	3	3	3	4	4
	FINS PER INCH	14	14	14	14	14	14
	FILTER SIZE - SQ. FT.	3.5	3.5	3.5	3.5	4	4
	DRAIN SIZE (INCHES)	3/4	3/4	3/4	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	150	150	170	170	150	150
	AUXILIARY LIMIT SETTING (°F)	190	190	190	190	190	190
	ROLLOUT LIMIT SETTING (°F)	325	325	325	325	325	325
GENERAL INFORMATION	EXPANSION DEVICE	TXV	ORIFICE	TXV	ORIFICE	TXV	ORIFICE
	REFRIGERANT CHARGE R-22 (Oz.)	74	70	74	70	110	123
	POWER SUPPLY ENTRANCE SIZE (INCHES)	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	1/2	1/2	1/2	1/2	1/2	1/2
	SHIPPING WEIGHT LBS.	410	410	416	416	443	443
	OPERATING WEIGHT LBS.	395	395	401	401	428	428
ACCESSORIES	PROPANE GAS CONVERSION KIT	LPT-00A	LPT-00A	LPT-00A	LPT-00A	LPT-00A	LPT-00A
	COMPRESSOR SOUND BLANKET	CSB07A	CSB07A	CSB07A	CSB07A	CSB07A	CSB07A
	HORIZONTAL DUCT COVER KIT (2 COVERS)*	CHK001A	CHK001A	CHK001A	CHK001A	CHK001A	CHK001A
	OVER / UNDER DUCT CONVERSION KIT	PDTR0U4A	PDTR0U4A	PDTR0U4A	PDTR0U4A	PDTR0U4A	PDTR0U4A
	ROOF CURB - GAS ELECTRIC	PRC07A1	PRC07A1	PRC07A1	PRC07A1	PRC07A1	PRC07A1
	ROOF CURB - COMBINATION	PRC08A1	PRC08A1	PRC08A1	PRC08A1	PRC08A1	PRC08A1

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

* Required for down discharge installations.

PACKAGE GAS SPECIFICATIONS

PGD36-42*****G

		PGD36C0902G		PGD42C0902G	
		P1236520C	P1236528C	P1236521C	P1236529C
COOLING CAPACITY	COOLING CAPACITY, BTUH	35,800	35,800	41,000	41,000
	SEER	13.05	13.05	13.05	13.05
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	92,000	92,000	92,000	92,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	73,600	73,600	73,600	73,600
	AFUE (%)	80	80	80	80
	TEMPERATURE RISE (°F)	45 - 75	45 - 75	45 - 75	45 - 75
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
	UNIT AMPS (TOTAL)	18.2	18.2	21.3	21.3
	MINIMUM CIRCUIT AMPACITY	20.6	20.6	24.4	24.4
	MAXIMUM OVERCURRENT PROTECTION	30	30	40	40
HEATING SECTION	NUMBER OF BURNERS	4	4	4	4
	ORIFICE SIZE NATURAL	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	13.5	13.5	16.5	16.5
	LOCKED ROTOR AMPS	73.0	73.0	95.0	95.0
CONDENSER FAN MOTOR	HORSEPOWER	1/5	1/5	1/5	1/5
	RPM	825	825	825	825
	FULL LOAD AMPS	1.3	1.3	1.3	1.3
	LOCKED ROTOR AMPS	2.0	2.0	2.0	2.0
CONDENSER FAN	BLADE DIAMETER (INCHES) / NUMBER OF BLADES	22 / 4	22 / 4	22 / 4	22 / 4
	CFM	2500	2500	2500	2500
CONDENSER COIL	FACE AREA - SQ. FT.	10.2	10.2	10.2	10.2
	NUMBER OF ROWS	2	2	2	2
	FINS PER INCH	20	20	20	20
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/2 - 4	1/2 - 4	1/3 - 2	1/3 - 2
	FULL LOAD AMPS	2.4	2.4	2.5	2.5
	LOCKED ROTOR AMPS	5.5	5.5	4.8	4.8
	MOTOR SPEED TAP - COOLING	MED-HI	MED-HI	HIGH	HIGH
	RPM / AMPS	950 / 1.9	950 / 1.9	1050 / 2.3	1050 / 2.3
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10 X 10	10 X 10	10 X 10	10 X 10
	RATED SCFM COOLING	1150	1150	1350	1350
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	4.2	4.2	4.2	4.2
	NUMBER OF ROWS	4	4	4	4
	FINS PER INCH	14	14	14	14
	FILTER SIZE - SQ. FT.	4	4	4.5	4.5
	DRAIN SIZE (INCHES)	3/4	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	170	170	170	170
	AUXILIARY LIMIT SETTING (°F)	190	190	190	190
	ROLLOUT LIMIT SETTING (°F)	325	325	325	325
GENERAL INFORMATION	EXPANSION DEVICE	TXV	ORIFICE	TXV	ORIFICE
	REFRIGERANT CHARGE R-22 (Oz.)	110	123	120	113
	POWER SUPPLY ENTRANCE SIZE (INCHES)	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	1/2	1/2	1/2	1/2
	SHIPPING WEIGHT LBS.	449	449	449	449
	OPERATING WEIGHT LBS.	434	434	434	434
ACCESSORIES	PROPANE GAS CONVERSION KIT	LPT-00A	LPT-00A	LPT-00A	LPT-00A
	COMPRESSOR SOUND BLANKET	CSB07A	CSB07A	CSB07A	CSB07A
	HORIZONTAL DUCT COVER KIT (2 COVERS)*	CHK001A	CHK001A	CHK002A	CHK002A
	OVER / UNDER DUCT CONVERSION KIT	PDTR0U4A	PDTR0U4A	PDTR0U4A	PDTR0U4A
	ROOF CURB - GAS ELECTRIC	PRC07A1	PRC07A1	PRC07A1	PRC07A1
	ROOF CURB - COMBINATION	PRC08A1	PRC08A1	PRC08A1	PRC08A1

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* Required for down discharge installations.

PACKAGE GAS SPECIFICATIONS

PGD48*****G

		PGD48C0902G	PGD48C1152G	PGD48C1402G
COOLING CAPACITY	COOLING CAPACITY, BTUH	47,000	47,000	47,000
	SEER	13.00	13.00	13.00
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	92,000	115,000	138,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	73,600	92,000	110,400
	AFUE (%)	80	80	80
	TEMPERATURE RISE (°F)	45 - 75	45 - 75	45 - 75
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208/230-60-1	208/230-60-1	208/230-60-1
	UNIT AMPS (TOTAL)	26.6	26.6	26.6
	MINIMUM CIRCUIT AMPACITY	31.2	31.2	31.2
	MAXIMUM OVERCURRENT PROTECTION	45	45	45
HEATING SECTION	NUMBER OF BURNERS	4	5	6
	ORIFICE SIZE NATURAL	43	43	43
	ORIFICE SIZE LP	55	55	55
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	18.3	18.3	18.3
	LOCKED ROTOR AMPS	109	109	109
CONDENSER FAN MOTOR	HORSEPOWER	1/5	1/5	1/5
	RPM	825	825	825
	FULL LOAD AMPS	1.3	1.3	1.3
	LOCKED ROTOR AMPS	2	2	2
CONDENSER FAN	BLADE DIAMETER (INCHES) / NUMBER OF BLADES	22 / 4	22 / 4	22 / 4
	CFM	2500	2500	2500
CONDENSER COIL	FACE AREA - SQ. FT.	12	12	12
	NUMBER OF ROWS	2	1	2
	FINS PER INCH	20	20	20
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1-ECM	1-ECM	1-ECM
	FULL LOAD AMPS	7	7	7
	LOCKED ROTOR AMPS	ECM	ECM	ECM
	MOTOR SPEED TAP - COOLING	VARIABLE	VARIABLE	VARIABLE
	RPM / AMPS	VARIABLE	VARIABLE	VARIABLE
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	11 X10	11 X10	11 X10
	RATED SCFM COOLING	1500	1500	1500
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	5.2	5.2	5.2
	NUMBER OF ROWS	4	4	4
	FINS PER INCH	14	14	14
	FILTER SIZE - SQ. FT.	5	5	5
	DRAIN SIZE (INCHES)	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	165	165	165
	AUXILIARY LIMIT SETTING (°F)	190	180	150
	ROLLOUT LIMIT SETTING (°F)	325	325	325
GENERAL INFORMATION	EXPANSION DEVICE	ORIFICE	ORIFICE	ORIFICE
	REFRIGERANT CHARGE R-22 (Oz.)	139	139	139
	POWER SUPPLY ENTRANCE SIZE (INCHES)	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	1/2	1/2	1/2
	SHIPPING WEIGHT LBS.	461	467	473
	OPERATING WEIGHT LBS.	441	447	453
ACCESSORIES	PROPANE GAS CONVERSION KIT	LPT-00A	LPT-00A	LPT-00A
	COMPRESSOR SOUND BLANKET	CSB04A	CSB08A	CSB08A
	HORIZONTAL DUCT COVER KIT (2 COVERS)*	CHK002A	CHK002A	CHK002A
	OVER / UNDER DUCT CONVERSION KIT	PDTR0U4A	PDTR0U6A	PDTR0U6A
	ROOF CURB - GAS ELECTRIC	PRC07A1	PRC07A1	PRC07A1
	ROOF CURB - COMBINATION	PRC08A1	PRC08A1	PRC08A1

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* Required for down discharge installations.

PACKAGE GAS SPECIFICATIONS

PGD24-42*****X

		PGD24C0452X	PGD30C0702X	PGD36C0702X	PGD42C0902X
		P1236530C	P1236531C	P1236532C	P1236533C
COOLING CAPACITY	COOLING CAPACITY, BTUH	25,000	29,000	35,800	41,000
	SEER	13.05	13.05	13.05	13.05
HEATING CAPACITY	HEATING INPUT BTUH (U.S. & CANADIAN)	46,000	69,000	69,000	92,000
	HEATING OUTPUT BTUH (U.S. & CANADIAN)	36,800	55,200	55,200	73,600
	AFUE (%)	80	80	80	80
	TEMPERATURE RISE (°F)	25 - 55	30 - 60	30 - 60	45 - 75
UNIT ELECTRICAL SPECIFICATION	VOLTAGE (NAMEPLATE)	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
	UNIT AMPS (TOTAL)	15	16.9	18.2	21.3
	MINIMUM CIRCUIT AMPACITY	17.3	19.0	20.6	24.4
	MAXIMUM OVERCURRENT PROTECTION	25	30	30	40
HEATING SECTION	NUMBER OF BURNERS	2	3	3	4
	ORIFICE SIZE NATURAL	43	43	43	43
	ORIFICE SIZE LP	55	55	55	55
COMPRESSOR	TYPE	SCROLL	SCROLL	SCROLL	SCROLL
	RATED LOAD AMPS	10.9	12.2	13.5	16.5
	LOCKED ROTOR AMPS	54.0	63.0	73.0	95.0
CONDENSER FAN MOTOR	HORSEPOWER	1/5	1/5	1/5	1/5
	RPM	825	825	825	825
	FULL LOAD AMPS	1.3	1.3	1.3	1.3
	LOCKED ROTOR AMPS	2.0	2.0	2.0	2.0
CONDENSER FAN	BLADE DIAMETER (INCHES) / NUMBER OF BLADES	22 / 4	22 / 4	22 / 4	22 / 4
	CFM	2500	2500	2500	2500
CONDENSER COIL	FACE AREA - SQ. FT.	10.2	10.2	10.2	10.2
	NUMBER OF ROWS	1	1	2	2
	FINS PER INCH	20	20	20	20
EVAPORATOR BLOWER MOTOR	HORSEPOWER - NO. OF SPEEDS	1/2 - 4	1/2 - 4	1/2 - 4	1/3 - 2
	FULL LOAD AMPS	2.4	2.4	2.4	2.5
	LOCKED ROTOR AMPS	5.5	5.5	5.5	4.8
	MOTOR SPEED TAP - COOLING	LOW	MED-LOW	MED-HI	HIGH
	RPM / AMPS	800 / 1.2	870 / 1.5	950 / 1.9	1050 / 2.3
EVAPORATOR BLOWER	DIAMETER X WIDTH (INCHES)	10 X 10	10 X 10	10 X 10	10 X 10
	RATED SCFM COOLING	800	1000	1150	1350
	MAX EXTERNAL STATIC PRESS ("w.c.)	0.5	0.5	0.5	0.5
EVAPORATOR COIL	FACE AREA - SQ. FT.	4.2	4.2	4.2	4.2
	NUMBER OF ROWS	3	3	4	4
	FINS PER INCH	14	14	14	14
	FILTER SIZE - SQ. FT.	3	3.5	4	4.5
	DRAIN SIZE (INCHES)	3/4	3/4	3/4	3/4
HEATING LIMITS	PRIMARY LIMIT SETTING (°F)	150	150	150	170
	AUXILIARY LIMIT SETTING (°F)	190	190	190	190
	ROLLOUT LIMIT SETTING (°F)	325	325	325	325
GENERAL INFORMATION	EXPANSION DEVICE	TXV	TXV	TXV	TXV
	REFRIGERANT CHARGE R-22 (Oz.)	74	74	110	120
	POWER SUPPLY ENTRANCE SIZE (INCHES)	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4	3/4 1-1/4
	LOW VOLTAGE ENTRANCE SIZE (INCHES)	1/2	1/2	1/2	1/2
	SHIPPING WEIGHT LBS.	404	410	443	449
	OPERATING WEIGHT LBS.	389	395	428	434
ACCESSORIES	PROPANE GAS CONVERSION KIT	LPT-00A	LPT-00A	LPT-00A	LPT-00A
	COMPRESSOR SOUND BLANKET	CSB07A	CSB07A	CSB07A	CSB07A
	HORIZONTAL DUCT COVER KIT (2 COVERS)*	CHK001A	CHK001A	CHK001A	CHK002A
	OVER / UNDER DUCT CONVERSION KIT	PDTR0U4A	PDTR0U4A	PDTR0U4A	PDTR0U4A
	ROOF CURB - GAS ELECTRIC	PRC07A1	PRC07A1	PRC07A1	PRC07A1
	ROOF CURB - COMBINATION	PRC08A1	PRC08A1	PRC08A1	PRC08A1

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* Required for down discharge installations.

BLOWER PERFORMANCE DATA

PGD*****D/E

Dry Coil Data

HORIZONTAL

PGD24C0452D/E								
UNIT STATIC	LOW		MED-LOW		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	990	34	1180	29	1370	25	1590	NR
0.2	960	35	1140	30	1340	26	1570	NR
0.3	930	37	1090	31	1280	27	1500	NR
0.4	890	38	1050	32	1210	28	1430	NR
0.5	790	43	980	35	1140	30	1340	25
0.6	720	47	900	38	1050	32	1250	27
0.7	620	55	750	45	890	38	1140	30
0.8	470	NR	600	NR	770	44	910	37

PGD24C0702D/E & PGD30C0702D/E								
UNIT STATIC	LOW		MED-LOW		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	1000	51	1170	44	1380	37	1630	31
0.2	963	53	1140	45	1330	38	1560	33
0.3	930	55	1100	46	1270	40	1480	35
0.4	880	58	1040	49	1200	43	1410	36
0.5	820	NR	980	52	1130	45	1330	38
0.6	710	NR	910	56	1060	48	1230	42
0.7	630	NR	760	NR	960	53	1130	45
0.8	460	NR	600	NR	760	NR	1020	50

PGD24C0902D/E & PGD30C0902D/E								
UNIT STATIC	LOW		MED-LOW		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	990	69	1160	59	1360	50	1590	NR
0.2	950	72	1120	61	1300	52	1530	45
0.3	920	74	1080	6	1260	54	1460	47
0.4	870	NR	1030	66	1190	57	1390	49
0.5	810	NR	970	70	1130	60	1320	51
0.6	710	NR	900	NR	1050	65	1230	55
0.7	610	NR	780	NR	950	72	1130	60
0.8	470	NR	620	NR	770	NR	1010	67

PGD36C0702D/E								
UNIT STATIC	LOW		MED-LOW		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	980	52	1160	44	1350	38	1580	32
0.2	950	54	1120	46	1290	40	1510	34
0.3	910	56	1070	48	1230	42	1430	36
0.4	860	59	1020	50	1150	44	1350	38
0.5	800	NR	950	54	1090	47	1280	40
0.6	690	NR	870	59	1010	51	1180	43
0.7	600	NR	730	NR	920	56	1080	47
0.8	440	NR	630	NR	720	NR	910	56

*NR - Not recommended

BLOWER PERFORMANCE DATA

PGD*****D/E

Dry Coil Data

HORIZONTAL

PGD36C0902D/E								
UNIT STATIC	LOW		MED-LOW		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	980	70	1150	59	1330	51	1550	44
0.2	940	72	1110	61	1290	53	1490	46
0.3	910	75	1060	64	1220	56	1420	48
0.4	860	NR	1010	67	1160	59	1350	50
0.5	800	NR	960	71	1090	63	1270	54
0.6	700	NR	880	NR	1020	67	1200	57
0.7	560	NR	740	NR	910	75	1090	63
0.8	450	NR	560	NR	750	NR	980	70

PGD42C0902D/E				
UNIT STATIC	LOW		HIGH	
	CFM	RISE	CFM	RISE
0.1	1240	55	1500	45
0.2	1200	57	1430	48
0.3	1160	59	1370	50
0.4	1110	61	1300	52
0.5	1050	65	1220	56
0.6	970	70	1140	60
0.7	850	NR	1040	66
0.8	700	NR	850	NR

*NR - Not recommended

BLOWER PERFORMANCE DATA

PGD*****D/E

Dry Coil Data

DOWNSHOT

PGD24C0452D/E								
UNIT STATIC	LOW		MED-LOW		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	950	36	1110	31	1270	27	1440	NR
0.2	910	37	1070	32	1210	28	1370	25
0.3	860	40	1020	33	1150	30	1310	26
0.4	790	43	950	36	1080	32	1240	27
0.5	730	47	850	40	1000	34	1160	29
0.6	660	52	770	44	870	39	1050	32
0.7	580	NR	700	49	780	44	910	37
0.8	440	NR	610	55	690	49	810	42

PGD24C0702D/E & PGD30C0702D/E								
UNIT STATIC	LOW		MED-LOW		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	960	53	1110	46	1260	41	1410	36
0.2	910	56	1070	48	1210	42	1350	38
0.3	860	59	1020	50	1140	45	1300	39
0.4	780	NR	950	54	1070	48	1230	42
0.5	720	NR	850	60	1000	51	1140	45
0.6	660	NR	780	NR	870	59	1020	50
0.7	590	NR	700	NR	780	NR	890	57
0.8	450	NR	610	NR	690	NR	810	NR

PGD24C090D/E & PGD30C0902D/E								
UNIT STATIC	LOW		MED-LOW		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	950	72	1110	62	1250	55	1420	48
0.2	900	75	1060	64	1210	56	1370	50
0.3	860	NR	1010	67	1160	59	1310	52
0.4	810	NR	950	72	1090	63	1230	55
0.5	730	NR	860	NR	1010	67	1160	59
0.6	660	NR	770	NR	890	NR	1070	64
0.7	570	NR	700	NR	790	NR	920	74
0.8	450	NR	580	NR	700	NR	820	NR

PGD36C0702D/E								
UNIT STATIC	LOW		MED-LOW		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	950	54	1100	46	1250	41	1410	36
0.2	910	56	1050	49	1200	43	1350	38
0.3	850	60	1000	51	1140	45	1290	40
0.4	770	NR	910	56	1060	48	1220	42
0.5	710	NR	820	60	960	53	1130	45
0.6	650	NR	760	NR	860	59	1000	51
0.7	590	NR	690	NR	770	NR	890	57
0.8	460	NR	590	NR	690	NR	800	NR

*NR - Not recommended

BLOWER PERFORMANCE DATA

PGD*****D/E

Dry Coil Data

DOWNSHOT

PGD36C0902D/E								
UNIT STATIC	LOW		MED-LOW		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	940	72	1090	63	1230	55	1400	49
0.2	900	75	1050	65	1180	58	1330	51
0.3	860	NR	990	69	1130	60	1270	54
0.4	770	NR	930	73	1050	65	1190	57
0.5	710	NR	820	NR	980	70	1130	60
0.6	640	NR	760	NR	860	NR	1030	66
0.7	550	NR	670	NR	770	NR	890	NR
0.8	470	NR	550	NR	660	NR	780	NR

PGD42C0902D/E				
UNIT STATIC	LOW		HIGH	
	CFM	RISE	CFM	RISE
0.1	1180	58	1370	50
0.2	1130	60	1310	52
0.3	1070	64	1240	55
0.4	1020	67	1160	59
0.5	900	NR	1100	62
0.6	830	NR	980	70
0.7	760	NR	870	NR
0.8	660	NR	780	NR

*NR - Not recommended

BLOWER PERFORMANCE DATA

PGD*****E

Dry Coil Data

HORIZONTAL & DOWNSHOT

PGD48C***2E/PGD60C***2E					
COOLING SPEED	ADJUST TAB	CFM @ 0.1 - 0.5 ESP	Heating Speed	Adjust Tab	CFM @ 0.1 - 0.5 ESP
A	Minus	1260	A	Minus	990
A	Normal	1400	A	Normal	1100
A	Plus	1540	A	Plus	1210
B	Minus	1350	B	Minus	1260
B	Normal	1500	B	Normal	1400
B	Plus	1650	B	Plus	1540
C	Minus	1575	C	Minus	1485
C	Normal	1750	C	Normal	1650
C	Plus	1925	C	Plus	1815
D	Minus	1710	D	Minus	1800
D	Normal	1900	D	Normal	2000
D	Plus	2000	D	Plus	2000

FACTORY SETTING			
Models	Adjust Setting	Cooling Blower Speed	Heating Blower Speed
PGD48C0902E	NORMAL	B	A
PGD48C1152E	NORMAL	B	B
PGD48C1402E	NORMAL	B	C
PGD60C0902E	NORMAL	C	A
PGD60C1152E	NORMAL	C	B
PGD60C1402E	NORMAL	C	C

BLOWER PERFORMANCE DATA

PGD*****G

HORIZONTAL AIRFLOW AND TEMPERATURE DRY COIL DATA

PGD24C0452G								
UNIT STATIC	LOW		MED-LOW		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	990	34	1180	29	1370	25	1590	NR
0.2	960	35	1140	30	1340	25	1570	NR
0.3	930	37	1090	31	1280	27	1500	NR
0.4	890	38	1050	32	1210	28	1430	NR
0.5	790	43	980	35	1140	30	1340	25
0.6	720	47	900	38	1050	32	1250	27
0.7	620	55	750	45	890	38	1140	30
0.8	470	NR	600	NR	770	44	910	37

PGD24C0702G & PGD30C0702G								
UNIT STATIC	LOW		MED-LOW		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	1000	51	1170	44	1380	37	1630	31
0.2	963	53	1140	45	1330	38	1560	33
0.3	930	55	1100	46	1270	40	1480	35
0.4	880	58	1040	49	1200	43	1410	36
0.5	820	NR	980	52	1130	45	1330	38
0.6	710	NR	910	56	1060	48	1230	42
0.7	630	NR	760	NR	960	53	1130	45
0.8	460	NR	600	NR	760	NR	1020	50

PGD24C0902G & PGB30C0902G								
UNIT STATIC	LOW		MED-LOW		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	990	69	1160	59	1360	50	1590	NR
0.2	950	72	1120	61	1300	52	1530	45
0.3	920	74	1080	63	1260	54	1460	47
0.4	870	NR	1030	66	1190	57	1390	49
0.5	810	NR	970	70	1130	60	1320	51
0.6	710	NR	900	NR	1050	62	1230	55
0.7	610	NR	780	NR	960	75	1130	60
0.8	470	NR	620	NR	770	NR	1010	67

PGD36C0702G								
UNIT STATIC	LOW		MED-LOW		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	980	52	1160	44	1350	38	1580	32
0.2	950	54	1120	46	1290	40	1510	34
0.3	910	56	1070	48	1230	42	1430	36
0.4	860	59	1020	50	1150	44	1350	38
0.5	800	NR	950	54	1090	47	1280	40
0.6	690	NR	870	59	1010	51	1180	43
0.7	600	NR	730	NR	920	56	1080	47
0.8	440	NR	630	NR	720	NR	910	56

*NR - Not recommended

*Dry coil and no filter — allow 0.1 inches w.c. for wet coil. Consult air filter manufacturer for filter data.

BLOWER PERFORMANCE DATA

PGD*****G

HORIZONTAL AIRFLOW AND TEMPERATURE DRY COIL DATA

PGD36C0902G								
UNIT STATIC	LOW		MED-LOW		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	980	70	1150	59	1330	51	1550	44
0.2	940	72	1110	61	1290	53	1490	46
0.3	910	75	1060	64	1220	56	1420	48
0.4	860	NR	1010	67	1160	59	1350	50
0.5	800	NR	960	71	1090	63	1270	54
0.6	700	NR	880	NR	1020	67	1200	57
0.7	560	NR	740	NR	910	75	1090	63
0.8	450	NR	560	NR	750	NR	980	70

PGD42C0902D/E				
UNIT STATIC	LOW		HIGH	
	CFM	RISE	CFM	RISE
0.1	1240	55	1500	45
0.2	1200	57	1430	48
0.3	1160	59	1370	50
0.4	1110	61	1300	52
0.5	1050	65	1220	56
0.6	970	70	1140	60
0.7	850	NR	1040	66
0.8	700	NR	850	NR

*NR - Not recommended

*Dry coil and no filter — allow 0.1 inches w.c. for wet coil. Consult air filter manufacturer for filter data.

BLOWER PERFORMANCE DATA

PGD*****G

DOWNSHOT AIRFLOW AND HEATING TEMPERATURE RISE DRY COIL DATA

PGD24C0452G								
UNIT STATIC	LOW		MED-LOW		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	950	36	1110	31	1270	27	1440	NR
0.2	910	37	1070	32	1210	28	1370	25
0.3	860	40	1020	33	1150	30	1310	26
0.4	790	43	950	36	1080	32	1240	27
0.5	730	47	850	40	1000	34	1160	29
0.6	660	52	770	44	870	39	1050	32
0.7	580	NR	760	49	780	44	910	37
0.8	440	NR	610	55	690	49	810	42

PGD24C0702G & PGB30C0702G								
UNIT STATIC	LOW		MED-LOW		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	960	53	1100	46	1260	41	1410	36
0.2	910	56	1070	48	1210	42	1350	38
0.3	860	59	1020	50	1140	45	1300	39
0.4	780	NR	950	54	1070	48	1230	42
0.5	720	NR	850	60	1000	51	1140	45
0.6	660	NR	780	NR	870	59	1020	50
0.7	590	NR	700	NR	780	NR	890	57
0.8	450	NR	610	NR	690	NR	810	NR

PGD24C0902G & PGB30C0902G								
UNIT STATIC	LOW		MED-LOW		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	950	72	1110	62	1250	55	1420	48
0.2	900	75	1060	64	1210	56	1370	50
0.3	860	NR	1010	67	1160	59	1310	52
0.4	810	NR	950	72	1090	63	1230	55
0.5	730	NR	860	NR	1010	67	1160	59
0.6	660	NR	770	NR	890	NR	1070	64
0.7	570	NR	700	NR	790	NR	920	74
0.8	450	NR	580	NR	700	NR	820	NR

PGD36C0702G								
UNIT STATIC	LOW		MED-LOW		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	950	54	1100	46	1250	41	1410	36
0.2	910	56	1050	49	1200	43	1350	38
0.3	850	60	1000	51	1140	45	1290	40
0.4	770	NR	910	56	1060	48	1220	42
0.5	710	NR	820	60	960	53	1130	45
0.6	650	NR	760	NR	860	59	1000	51
0.7	590	NR	690	NR	770	NR	890	57
0.8	460	NR	590	NR	690	NR	800	NR

*NR - Not recommended

*Dry coil and no filter — allow 0.1 inches w.c. for wet coil. Consult air filter manufacturer for filter data.

BLOWER PERFORMANCE DATA

PGD*****G

DOWNSHOT AIRFLOW AND HEATING TEMPERATURE RISE DRY COIL DATA

PGD36C0902G								
UNIT STATIC	LOW		MED-LOW		MED-HIGH		HIGH	
	CFM	RISE	CFM	RISE	CFM	RISE	CFM	RISE
0.1	940	72	1090	63	1230	55	1400	49
0.2	900	75	1050	65	1180	58	1330	51
0.3	860	NR	990	69	1130	60	1270	54
0.4	770	NR	930	73	1050	65	1190	57
0.5	710	NR	820	NR	980	70	1130	60
0.6	640	NR	760	NR	860	NR	1030	66
0.7	550	NR	670	NR	770	NR	890	NR
0.8	470	NR	550	NR	660	NR	780	NR

PGD42C0902G				
UNIT STATIC	LOW		HIGH	
	CFM	RISE	CFM	RISE
0.1	1180	58	1370	50
0.2	1130	60	1310	52
0.3	1070	64	1240	55
0.4	1020	67	1160	59
0.5	900	NR	1100	62
0.6	830	NR	980	70
0.7	760	NR	870	NR
0.8	660	NR	780	NR

*NR - Not recommended

BLOWER PERFORMANCE DATA

PGD*****G

PGD48 TEMPERATURE RISE (°F)

HEATING SPEED	ADJUST TAB	CFM@0.1 - 0.5 ESP	PGD48C090	PGD48C115	PGD48C140
A	Minus	990	67	-	-
A	Normal	1100	61	-	-
A	Plus	1210	55	70	-
B	Minus	1260	53	68	-
B	Normal	1400	48	61	73
B	Plus	1540	-	55	66
C	Minus	1485	45	57	69
C	Normal	1650	-	52	62
C	Plus	1820	-	47	56
D	Minus	1800	-	47	57
D	Normal	2000	-	-	51
D	Plus	2000	-	-	51

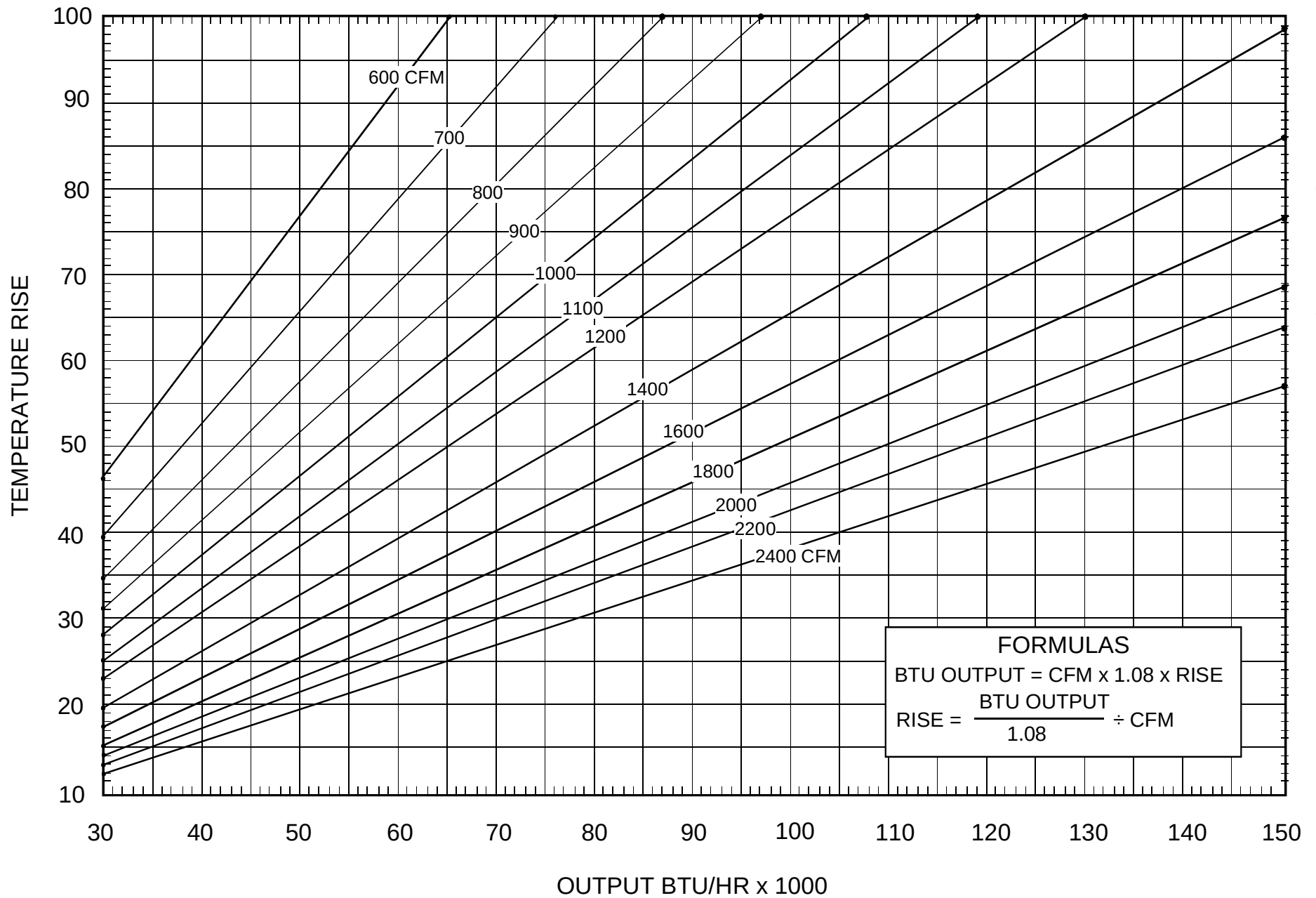
PGD48 BLOWER PERFORMANCES WITH ECM MOTOR

COOLING SPEED	ADJUST TAB	CFM@0.1 - 0.5 ESP	HEATING SPEED	ADJUST TAB	CFM@0.1 - 0.5 ESP
A	Minus	1260	A	Minus	990
A	Normal	1400	A	Normal	1100
A	Plus	1540	A	Plus	1210
B	Minus	1350	B	Minus	1260
B	Normal	1500	B	Normal	1400
B	Plus	1650	B	Plus	1540
C	Minus	1575	C	Minus	1485
C	Normal	1750	C	Normal	1650
C	Plus	1925	C	Plus	1820
D	Minus	1710	D	Minus	1800
D	Normal	1900	D	Normal	2000
D	Plus	2000	D	Plus	2000

'-' operation outside of acceptable parameters

*Dry coil and no filter — allow 0.1 inches w.c. for wet coil. Consult air filter manufacturer for filter data.

BTU OUTPUT vs TEMPERATURE RISE CHART



EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: PGD24C

IDB*Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	900	MBh	24.5	25.4	27.8	-	23.9	24.8	27.2	-	23.4	24.2	26.5	-	22.8	23.6	25.9	-	21.6	22.4	24.6	-	20.1	20.8	22.8	-
		S/T	0.8	0.6	0.4	-	0.8	0.7	0.5	-	0.8	0.7	0.5	-	0.8	0.7	0.5	-	0.9	0.7	0.5	-	0.9	0.7	0.5	-
		Delta T	19.1	16.5	12.6	-	19.3	16.7	12.7	-	19.4	16.8	12.7	-	19.5	16.9	12.8	-	19.2	16.6	12.6	-	18.0	15.5	11.8	-
		KW	1.8	1.8	1.9	-	1.9	2.0	2.0	-	2.0	2.1	2.1	-	2.1	2.2	2.2	-	2.2	2.3	2.3	-	2.3	2.3	2.4	-
		AMPS	7.6	7.7	7.9	-	8.1	8.2	8.4	-	8.6	8.8	9.0	-	9.1	9.3	9.6	-	9.6	9.8	10.1	-	10.1	10.3	10.6	-
		HI PR	154	166	175	-	173	186	196	-	197	212	223	-	224	241	254	-	252	271	286	-	278	299	316	-
	LO PR	66.5	70.7	77.2	-	70.3	74.7	81.6	-	73.0	77.7	84.8	-	76.7	81.6	89.1	-	80.4	85.5	93.4	-	83.1	88.5	96.6	-	
	800	MBh	23.8	24.7	27.0	-	23.2	24.1	26.4	-	22.7	23.5	25.8	-	22.1	22.9	25.1	-	21.0	21.8	23.9	-	19.5	20.2	22.1	-
		S/T	0.7	0.6	0.4	-	0.8	0.6	0.4	-	0.8	0.6	0.4	-	0.8	0.7	0.5	-	0.8	0.7	0.5	-	0.8	0.7	0.5	-
		Delta T	19.9	17.2	13.1	-	20.1	17.4	13.2	-	20.2	17.5	13.2	-	20.3	17.6	13.3	-	20.0	17.3	13.2	-	18.7	16.2	12.3	-
		KW	1.8	1.8	1.9	-	1.9	1.9	2.0	-	2.0	2.0	2.1	-	2.1	2.1	2.2	-	2.2	2.2	2.3	-	2.3	2.3	2.4	-
		AMPS	7.5	7.7	7.9	-	8.0	8.2	8.4	-	8.6	8.7	9.0	-	9.0	9.2	9.5	-	9.5	9.7	10.0	-	10.0	10.2	10.5	-
		HI PR	152	164	173	-	171	184	194	-	195	209	221	-	222	239	252	-	249	268	283	-	275	296	313	-
	LO PR	65.8	70.0	76.5	-	69.6	74.0	80.8	-	72.3	76.9	84.0	-	75.9	80.8	88.2	-	79.6	84.7	92.4	-	82.3	87.6	95.6	-	
	700	MBh	22.0	22.8	24.9	-	21.4	22.2	24.3	-	20.9	21.7	23.8	-	20.4	21.2	23.2	-	19.4	20.1	22.0	-	18.0	18.6	20.4	-
		S/T	0.7	0.6	0.4	-	0.7	0.6	0.4	-	0.7	0.6	0.4	-	0.8	0.6	0.4	-	0.8	0.7	0.5	-	0.8	0.7	0.5	-
		Delta T	20.2	17.5	13.3	-	20.5	17.7	13.5	-	20.5	17.8	13.5	-	20.7	17.9	13.6	-	20.4	17.6	13.4	-	19.0	16.5	12.5	-
		KW	1.7	1.8	1.8	-	1.9	1.9	1.9	-	2.0	2.0	2.1	-	2.1	2.1	2.2	-	2.1	2.2	2.2	-	2.2	2.3	2.3	-
		AMPS	7.4	7.5	7.7	-	7.8	8.0	8.2	-	8.4	8.5	8.8	-	8.8	9.0	9.3	-	9.3	9.5	9.8	-	9.8	10.0	10.2	-
		HI PR	148	159	168	-	166	179	189	-	189	203	214	-	215	231	244	-	242	260	275	-	267	288	304	-
	LO PR	63.9	67.9	74.2	-	67.5	71.8	78.4	-	70.1	74.6	81.4	-	73.7	78.4	85.6	-	77.2	82.1	89.7	-	79.8	85.0	92.7	-	

75	900	MBh	24.9	25.7	27.8	29.8	24.3	25.1	27.1	29.1	23.8	24.5	26.5	28.4	23.2	23.9	25.8	27.7	22.0	22.7	24.5	26.3	20.4	21.0	22.7	24.4
		S/T	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	1.0	0.9	0.6	0.4	1.0	0.9	0.7	0.4	1.0	0.9	0.7	0.4
		Delta T	22.1	20.3	16.7	11.5	22.4	20.6	16.9	11.6	22.4	20.6	16.9	11.7	22.5	20.8	17.0	11.7	22.2	20.5	16.8	11.6	20.8	19.1	15.7	10.8
		KW	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.1	2.0	2.1	2.1	2.2	2.1	2.2	2.2	2.3	2.2	2.3	2.3	2.4	2.3	2.3	2.4	2.5
		AMPS	7.6	7.8	8.0	8.2	8.1	8.3	8.5	8.8	8.7	8.9	9.1	9.4	9.2	9.4	9.6	9.9	9.7	9.9	10.2	10.5	10.2	10.4	10.7	11.0
		HI PR	156	167	177	184	175	188	198	207	199	214	226	235	226	243	257	268	254	274	289	302	281	302	319	333
	LO PR	67.2	71.5	78.0	83.1	71.0	75.5	82.4	87.8	73.8	78.5	85.7	91.2	77.5	82.4	90.0	95.8	81.2	86.4	94.3	100.4	84.0	89.4	97.6	103.9	
	800	MBh	24.2	24.9	27.0	28.9	23.6	24.3	26.3	28.3	23.1	23.7	25.7	27.6	22.5	23.2	25.1	26.9	21.4	22.0	23.8	25.6	19.8	20.4	22.1	23.7
		S/T	0.8	0.7	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	1.0	0.8	0.6	0.4
		Delta T	23.0	21.2	17.4	12.0	23.3	21.4	17.6	12.1	23.3	21.5	17.6	12.1	23.5	21.6	17.7	12.2	23.1	21.3	17.5	12.1	21.6	19.9	16.3	11.3
		KW	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.1	2.0	2.1	2.1	2.2	2.1	2.2	2.2	2.3	2.2	2.3	2.3	2.4	2.3	2.3	2.4	2.5
		AMPS	7.6	7.7	7.9	8.2	8.1	8.2	8.4	8.7	8.6	8.8	9.0	9.3	9.1	9.3	9.6	9.9	9.6	9.8	10.1	10.4	10.1	10.3	10.6	10.9
		HI PR	154	166	175	183	173	186	196	205	197	212	223	233	224	241	254	265	252	271	286	299	278	299	316	330
	LO PR	66.5	70.8	77.2	82.3	70.3	74.8	81.6	86.9	73.0	77.7	84.8	90.3	76.7	81.6	89.1	94.9	80.4	85.5	93.4	99.4	83.2	88.5	96.6	102.9	
	700	MBh	22.3	23.0	24.9	26.7	21.8	22.5	24.3	26.1	21.3	21.9	23.7	25.5	20.8	21.4	23.1	24.8	19.7	20.3	22.0	23.6	18.3	18.8	20.4	21.9
		S/T	0.8	0.7	0.5	0.3	0.8	0.7	0.6	0.4	0.8	0.8	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4
		Delta T	23.4	21.5	17.7	12.2	23.7	21.8	17.9	12.3	23.7	21.8	17.9	12.4	23.9	22.0	18.0	12.4	23.5	21.7	17.8	12.3	22.0	20.3	16.6	11.5
		KW	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.3	2.2	2.3	2.3	2.4
		AMPS	7.4	7.6	7.8	8.0	7.9	8.0	8.3	8.5	8.4	8.6	8.8	9.1	8.9	9.1	9.3	9.6	9.4	9.6	9.8	10.1	9.8	10.0	10.3	10.7
		HI PR	149	161	170	177	168	180	191	199	191	205	217	226	217	234	247	257	244	263	278	290	270	291	307	320
	LO PR	64.5	68.6	74.9	79.8	68.2	72.5	79.2	84.3	70.8	75.4	82.3	87.6	74.4	79.2	86.4	92.0	78.0	83.0	90.6	96.5	80.7	85.8	93.7	99.8	

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

COOLING PERFORMANCE DATA

PGD24

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: PGD24C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	900	MBh	25.4	25.9	27.7	29.6	24.8	25.3	27.0	28.9	24.2	24.7	26.4	28.2	23.6	24.1	25.8	27.5	22.4	22.9	24.5	26.2	20.8	21.2	22.7	24.2
		S/T	1.0	0.9	0.7	0.5	1.0	0.9	0.8	0.6	1.0	0.9	0.8	0.6	1.0	1.0	0.8	0.6	1.0	1.0	0.8	0.6	1.0	1.0	0.8	0.6
		Delta T	24.7	23.6	20.5	16.4	25.3	23.9	20.8	16.6	24.7	23.9	20.8	16.6	24.1	24.6	21.0	16.7	22.9	23.4	20.7	16.5	21.2	21.7	19.3	15.4
		KW	1.8	1.8	1.9	2.0	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.3	2.2	2.3	2.4	2.4	2.3	2.4	2.4	2.5
		AMPS	7.7	7.8	8.0	8.3	8.2	8.3	8.6	8.8	8.8	8.9	9.2	9.5	9.3	9.4	9.7	10.0	9.7	9.9	10.2	10.6	10.2	10.5	10.8	11.1
		HI PR	157	169	179	186	176	190	200	209	201	216	228	238	228	246	260	271	257	277	292	305	284	306	323	337
	LO PR	67.9	72.2	78.8	83.9	71.7	76.3	83.3	88.7	74.5	79.3	86.5	92.2	78.3	83.3	90.9	96.8	82.0	87.3	95.3	101.5	84.8	90.3	98.5	104.9	
	800	MBh	24.6	25.2	26.9	28.7	24.0	24.6	26.3	28.1	23.5	24.0	25.6	27.4	22.9	23.4	25.0	26.7	21.8	22.2	23.8	25.4	20.2	20.6	22.0	23.5
		S/T	0.9	0.9	0.7	0.5	0.9	0.9	0.7	0.5	1.0	0.9	0.7	0.6	1.0	0.9	0.8	0.6	1.0	1.0	0.8	0.6	1.0	1.0	0.8	0.6
		Delta T	25.7	24.6	21.4	17.1	26.0	24.9	21.7	17.3	26.0	24.9	21.7	17.3	26.2	25.1	21.8	17.4	25.0	24.8	21.5	17.2	23.2	23.1	20.1	16.1
		KW	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.1	2.0	2.1	2.1	2.2	2.1	2.2	2.3	2.3	2.2	2.3	2.3	2.4	2.3	2.3	2.4	2.5
		AMPS	7.6	7.8	8.0	8.2	8.1	8.3	8.5	8.8	8.7	8.9	9.1	9.4	9.2	9.4	9.6	9.9	9.7	9.9	10.2	10.5	10.2	10.4	10.7	11.0
		HI PR	156	167	177	184	175	188	198	207	199	214	226	235	226	243	257	268	254	274	289	302	281	303	319	333
	LO PR	67.2	71.5	78.0	83.1	71.0	75.5	82.4	87.8	73.8	78.5	85.7	91.2	77.5	82.4	90.0	95.9	81.2	86.4	94.3	100.5	84.0	89.4	97.6	103.9	
	700	MBh	22.7	23.2	24.8	26.5	22.2	22.7	24.2	25.9	21.7	22.1	23.7	25.3	21.1	21.6	23.1	24.7	20.1	20.5	21.9	23.4	18.6	19.0	20.3	21.7
		S/T	0.9	0.8	0.7	0.5	0.9	0.9	0.7	0.5	0.9	0.9	0.7	0.5	1.0	0.9	0.7	0.5	1.0	0.9	0.8	0.6	1.0	0.9	0.8	0.6
		Delta T	26.1	25.0	21.8	17.4	26.4	25.3	22.0	17.6	26.5	25.4	22.1	17.6	26.7	25.5	22.2	17.7	26.3	25.2	21.9	17.5	24.5	23.5	20.5	16.3
		KW	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.2	2.1	2.1	2.2	2.3	2.2	2.2	2.3	2.4	2.2	2.3	2.4	2.4
		AMPS	7.5	7.6	7.8	8.0	7.9	8.1	8.3	8.6	8.5	8.7	8.9	9.2	9.0	9.2	9.4	9.7	9.4	9.6	9.9	10.2	9.9	10.1	10.4	10.7
		HI PR	151	162	172	179	169	182	192	201	193	207	219	228	219	236	249	260	247	266	280	293	273	293	310	323
	LO PR	65.2	69.3	75.7	80.6	68.9	73.2	80.0	85.2	71.6	76.1	83.1	88.5	75.2	80.0	87.3	93.0	78.8	83.8	91.5	97.4	81.5	86.7	94.6	100.8	
85	900	MBh	25.8	26.3	27.5	29.4	25.2	25.7	26.9	28.7	24.6	25.1	26.3	28.0	24.0	24.5	25.6	27.3	22.8	23.2	24.3	26.0	21.1	21.5	22.5	24.1
		S/T	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.8
		Delta T	26.3	25.9	24.4	21.2	25.7	26.2	24.7	21.4	25.1	25.6	24.8	21.4	24.5	25.0	24.9	21.6	23.3	23.7	24.6	21.3	21.6	22.0	23.0	19.9
		KW	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.4	2.3	2.3	2.4	2.5	2.3	2.4	2.5	2.5
		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	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	68.5	72.9	79.6	84.8	72.4	77.0	84.1	89.6	75.3	80.1	87.4	93.1	79.0	84.1	91.8	97.8	82.8	88.1	96.2	102.5	85.7	91.2	99.5	106.0	
	800	MBh	25.0	25.5	26.7	28.5	24.5	24.9	26.1	27.9	23.9	24.3	25.5	27.2	23.3	23.8	24.9	26.5	22.1	22.6	23.6	25.2	20.5	20.9	21.9	23.4
		S/T	1.0	0.9	0.8	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.8	1.0	1.0	1.0	0.8
		Delta T	27.4	26.9	25.5	22.0	27.7	27.3	25.8	22.3	27.4	27.3	25.8	22.3	26.8	27.3	26.0	22.5	25.4	25.9	25.6	22.2	23.6	24.0	23.9	20.7
		KW	1.8	1.8	1.9	2.0	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.3	2.2	2.3	2.4	2.4	2.3	2.4	2.4	2.5
		AMPS	7.7	7.8	8.0	8.3	8.2	8.3	8.6	8.8	8.8	8.9	9.2	9.5	9.3	9.4	9.7	10.0	9.7	9.9	10.2	10.6	10.2	10.5	10.8	11.1
		HI PR	157	169	179	186	176	190	200	209	201	216	228	238	228	246	260	271	257	277	292	305	284	306	323	337
	LO PR	67.9	72.2	78.8	83.9	71.7	76.3	83.3	88.7	74.5	79.3	86.5	92.2	78.3	83.3	90.9	96.8	82.0	87.3	95.3	101.5	84.8	90.3	98.5	104.9	
	700	MBh	23.1	23.6	24.7	26.3	22.6	23.0	24.1	25.7	22.0	22.5	23.5	25.1	21.5	21.9	23.0	24.5	20.4	20.8	21.8	23.3	18.9	19.3	20.2	21.6
		S/T	0.9	0.9	0.8	0.6	1.0	0.9	0.8	0.7	1.0	0.9	0.8	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7
		Delta T	27.9	27.4	25.9	22.4	28.2	27.7	26.2	22.7	28.2	27.8	26.2	22.7	28.2	28.0	26.4	22.9	26.8	27.4	26.1	22.6	24.9	25.3	24.3	21.1
		KW	1.8	1.8	1.9	1.9	1.9	1.9	2.0	2.1	2.0	2.0	2.1	2.2	2.1	2.1	2.2	2.3	2.2	2.2	2.3	2.4	2.3	2.3	2.4	2.5
		AMPS	7.5	7.7	7.9	8.1	8.0	8.2	8.4	8.6	8.6	8.7	9.0	9.2	9.0	9.2	9.5	9.8	9.5	9.7	10.0	10.3	10.0	10.2	10.5	10.8
		HI PR	152	164	173	181	171	184	194	203	195	209	221	231	222	238	252	263	249	268	283	295	275	296	313	326
	LO PR	65.8	70.0	76.4	81.4	69.5	74.0	80.8	86.0	72.3	76.9	83.9	89.4	75.9	80.8	88.2	93.9	79.6	84.6	92.4	98.4	82.3	87.6	95.6	101.8	

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

COOLING PERFORMANCE DATA

PGD24

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: PGD30C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1125	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	0.8	0.7	0.5	-	0.8	0.7	0.5	-	0.8	0.7	0.5	-	0.9	0.7	0.5	-	0.9	0.7	0.5	-	0.9	0.8	0.5	-
		Delta T	18.2	15.7	12.0	-	18.4	15.9	12.1	-	18.4	16.0	12.1	-	18.6	16.1	12.2	-	18.3	15.8	12.0	-	17.1	14.8	11.2	-
		KW	2.4	2.5	2.6	-	2.6	2.7	2.8	-	2.8	2.9	2.9	-	2.9	3.0	3.1	-	3.1	3.1	3.2	-	3.2	3.2	3.3	-
		AMPS	8.6	8.7	9.0	-	9.1	9.3	9.5	-	9.8	10.0	10.2	-	10.3	10.5	10.8	-	10.9	11.1	11.4	-	11.4	11.6	12.0	-
		HI PR	158	170	179	-	177	190	201	-	201	216	229	-	229	247	260	-	258	277	293	-	285	306	324	-
		LO PR	65.4	69.6	75.9	-	69.1	73.5	80.2	-	71.8	76.4	83.4	-	75.4	80.2	87.6	-	79.0	84.1	91.8	-	81.8	87.0	95.0	-
	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	0.7	0.6	0.4	-	0.8	0.6	0.4	-	0.8	0.7	0.5	-	0.8	0.7	0.5	-	0.9	0.7	0.5	-	0.9	0.7	0.5	-
		Delta T	19.0	16.4	12.5	-	19.2	16.6	12.6	-	19.2	16.6	12.6	-	19.3	16.7	12.7	-	19.1	16.5	12.5	-	17.8	15.4	11.7	-
		KW	2.4	2.5	2.6	-	2.6	2.7	2.7	-	2.8	2.8	2.9	-	2.9	3.0	3.1	-	3.0	3.1	3.2	-	3.1	3.2	3.3	-
		AMPS	8.5	8.7	8.9	-	9.0	9.2	9.5	-	9.7	9.9	10.1	-	10.2	10.4	10.7	-	10.8	11.0	11.3	-	11.3	11.6	11.9	-
		HI PR	156	168	177	-	175	188	199	-	199	214	226	-	227	244	258	-	255	275	290	-	282	303	320	-
		LO PR	64.7	68.9	75.2	-	68.4	72.8	79.4	-	71.1	75.6	82.6	-	74.7	79.4	86.7	-	78.3	83.3	90.9	-	80.9	86.1	94.0	-
	875	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	0.7	0.6	0.4	-	0.7	0.6	0.4	-	0.8	0.6	0.4	-	0.8	0.7	0.5	-	0.8	0.7	0.5	-	0.8	0.7	0.5	-
		Delta T	19.3	16.7	12.7	-	19.5	16.9	12.8	-	19.5	16.9	12.8	-	19.7	17.0	12.9	-	19.4	16.8	12.7	-	18.1	15.7	11.9	-
		KW	2.4	2.4	2.5	-	2.5	2.6	2.7	-	2.7	2.8	2.8	-	2.8	2.9	3.0	-	3.0	3.0	3.1	-	3.1	3.1	3.2	-
		AMPS	8.3	8.5	8.7	-	8.8	9.0	9.3	-	9.5	9.7	9.9	-	10.0	10.2	10.5	-	10.5	10.7	11.0	-	11.1	11.3	11.6	-
		HI PR	151	163	172	-	170	183	193	-	193	208	220	-	220	237	250	-	248	266	281	-	273	294	311	-
		LO PR	62.8	66.8	72.9	-	66.3	70.6	77.1	-	69.0	73.4	80.1	-	72.4	77.1	84.1	-	75.9	80.8	88.2	-	78.5	83.5	91.2	-
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	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	1.0	0.9	0.7	0.4	1.0	0.9	0.7	0.4	1.0	0.9	0.7	0.4
		Delta T	21.0	19.4	15.9	11.0	21.3	19.6	16.1	11.1	21.3	19.6	16.1	11.1	21.5	19.8	16.2	11.2	20.9	19.5	16.0	11.0	19.3	18.2	14.9	10.3
		KW	2.5	2.5	2.6	2.7	2.7	2.7	2.8	2.9	2.8	2.9	3.0	3.1	3.0	3.0	3.1	3.2	3.1	3.1	3.3	3.4	3.2	3.3	3.4	3.5
		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	11.2	10.9	11.2	11.5	11.9	11.5	11.7	12.1	12.5
		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	66.1	70.3	76.7	81.7	69.8	74.2	81.1	86.3	72.5	77.2	84.2	89.7	76.2	81.1	88.5	94.2	79.8	84.9	92.7	98.8	82.6	87.9	95.9	102.2
	1000	MBh	28.1	28.9	31.3	33.6	27.4	28.2	30.5	32.8	26.8	27.5	29.8	32.0	26.1	26.9	29.1	31.2	24.8	25.5	27.6	29.7	23.0	23.6	25.6	27.5
		S/T	0.8	0.8	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	1.0	0.9	0.7	0.4	1.0	0.9	0.7	0.4
		Delta T	21.9	20.2	16.5	11.4	22.2	20.4	16.7	11.6	22.2	20.4	16.7	11.6	22.4	20.6	16.9	11.6	22.0	20.3	16.6	11.5	20.6	19.0	15.5	10.7
		KW	2.4	2.5	2.6	2.7	2.6	2.7	2.8	2.9	2.8	2.9	2.9	3.0	2.9	3.0	3.1	3.2	3.1	3.1	3.2	3.3	3.2	3.2	3.3	3.4
		AMPS	8.6	8.7	9.0	9.2	9.1	9.3	9.5	9.8	9.8	10.0	10.2	10.5	10.3	10.5	10.8	11.2	10.9	11.1	11.4	11.8	11.4	11.6	12.0	12.4
		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
		LO PR	65.4	69.6	76.0	80.9	69.1	73.5	80.3	85.5	71.8	76.4	83.4	88.8	75.4	80.3	87.6	93.3	79.1	84.1	91.8	97.8	81.8	87.0	95.0	101.1
	875	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
		S/T	0.8	0.7	0.6	0.4	0.8	0.8	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4
		Delta T	22.3	20.5	16.8	11.6	22.6	20.8	17.0	11.8	22.6	20.8	17.0	11.8	22.7	20.9	17.2	11.8	22.4	20.6	16.9	11.7	20.9	19.3	15.8	10.9
		KW	2.4	2.4	2.5	2.6	2.6	2.6	2.7	2.8	2.7	2.8	2.9	3.0	2.9	2.9	3.0	3.1	3.0	3.0	3.1	3.2	3.1	3.1	3.3	3.4
		AMPS	8.4	8.5	8.8	9.0	8.9	9.1	9.3	9.6	9.5	9.7	10.0	10.3	10.1	10.3	10.6	10.9	10.6	10.8	11.1	11.5	11.1	11.4	11.7	12.1
		HI PR	153	165	174	181	172	185	195	203	195	210	222	231	222	239	253	263	250	269	284	296	276	297	314	327
		LO PR	63.4	67.5	73.7	78.5	67.0	71.3	77.8	82.9	69.7	74.1	80.9	86.2	73.2	77.8	85.0	90.5	76.7	81.6	89.1	94.9	79.3	84.4	92.1	98.1

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

COOLING PERFORMANCE DATA

PGD30

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: PGD30C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
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	1.0	0.9	0.7	0.6	1.0	0.9	0.8	0.6	1.0	1.0	0.8	0.6	1.0	1.0	0.8	0.6	1.0	1.0	0.8	0.6	1.0	1.0	0.9	0.6
		Delta T	24.0	22.5	19.6	15.6	23.5	22.8	19.8	15.8	22.9	23.4	19.8	15.8	22.4	22.8	20.0	16.0	21.2	21.7	19.7	15.7	19.7	20.1	18.4	14.7
		KW	2.5	2.5	2.6	2.7	2.7	2.7	2.8	2.9	2.8	2.9	3.0	3.1	3.0	3.0	3.1	3.2	3.1	3.2	3.3	3.4	3.2	3.3	3.4	3.5
		AMPS	8.7	8.9	9.1	9.4	9.3	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	11.8	12.2	12.6
		HI PR	161	173	183	191	180	194	205	214	205	221	233	243	234	252	266	277	263	283	299	312	291	313	330	344
	LO PR	66.7	71.0	77.5	82.5	70.5	75.0	81.9	87.2	73.3	77.9	85.1	90.6	77.0	81.9	89.4	95.2	80.7	85.8	93.7	99.8	83.4	88.8	96.9	103.2	
	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	0.9	0.9	0.7	0.5	1.0	0.9	0.7	0.6	1.0	0.9	0.8	0.6	1.0	1.0	0.8	0.6	1.0	1.0	0.8	0.6	1.0	1.0	0.8	0.6
		Delta T	24.5	23.4	20.4	16.3	24.8	23.7	20.6	16.5	24.8	23.7	20.7	16.5	24.4	23.9	20.8	16.6	23.2	23.6	20.5	16.4	21.5	22.0	19.2	15.3
		KW	2.5	2.5	2.6	2.7	2.7	2.7	2.8	2.9	2.8	2.9	3.0	3.1	3.0	3.0	3.1	3.2	3.1	3.1	3.3	3.4	3.2	3.3	3.4	3.5
		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	11.2	10.9	11.2	11.5	11.9	11.5	11.7	12.1	12.5
		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	66.1	70.3	76.7	81.7	69.8	74.3	81.1	86.3	72.5	77.2	84.3	89.7	76.2	81.1	88.5	94.3	79.9	85.0	92.7	98.8	82.6	87.9	95.9	102.2	
	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	0.9	0.8	0.7	0.5	0.9	0.9	0.7	0.5	1.0	0.9	0.7	0.5	1.0	0.9	0.8	0.6	1.0	1.0	0.8	0.6	1.0	1.0	0.8	0.6
		Delta T	24.9	23.8	20.7	16.6	25.2	24.1	21.0	16.8	25.2	24.2	21.0	16.8	25.4	24.3	21.2	16.9	25.0	24.0	20.9	16.7	23.4	22.4	19.5	15.6
		KW	2.4	2.5	2.5	2.6	2.6	2.6	2.7	2.8	2.7	2.8	2.9	3.0	2.9	2.9	3.0	3.1	3.0	3.1	3.2	3.3	3.1	3.2	3.3	3.4
		AMPS	8.4	8.6	8.8	9.1	9.0	9.2	9.4	9.7	9.6	9.8	10.1	10.4	10.2	10.4	10.6	11.0	10.7	10.9	11.2	11.6	11.2	11.5	11.8	12.2
		HI PR	154	166	176	183	173	187	197	205	197	212	224	234	224	242	255	266	253	272	287	299	279	300	317	331
	LO PR	64.1	68.2	74.4	79.3	67.7	72.0	78.6	83.7	70.4	74.9	81.7	87.0	73.9	78.6	85.8	91.4	77.5	82.4	90.0	95.8	80.1	85.2	93.1	99.1	
85	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
		S/T	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.8	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.8
		Delta T	24.5	24.6	23.3	20.2	23.9	24.4	23.6	20.4	23.3	23.8	23.6	20.4	22.8	23.2	23.8	20.6	21.6	22.0	23.1	20.3	20.0	20.4	21.4	18.9
		KW	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0	3.1	3.0	3.1	3.2	3.3	3.1	3.2	3.3	3.4	3.2	3.3	3.4	3.5
		AMPS	8.7	8.9	9.2	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	162	175	185	193	182	196	207	216	207	223	236	246	236	254	268	280	266	286	302	315	293	316	333	348
	LO PR	67.4	71.7	78.3	83.4	71.2	75.7	82.7	88.1	74.0	78.7	85.9	91.5	77.7	82.7	90.3	96.1	81.5	86.7	94.6	100.8	84.3	89.6	97.9	104.2	
	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
		S/T	1.0	0.9	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.8	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.8
		Delta T	26.1	25.7	24.3	21.0	26.1	26.0	24.5	21.2	25.5	26.0	24.6	21.3	24.8	25.3	24.7	21.4	23.6	24.1	24.4	21.1	21.9	22.3	22.8	19.7
		KW	2.5	2.5	2.6	2.7	2.7	2.7	2.8	2.9	2.8	2.9	3.0	3.1	3.0	3.0	3.1	3.2	3.1	3.2	3.3	3.4	3.2	3.3	3.4	3.5
		AMPS	8.7	8.9	9.1	9.4	9.3	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	11.8	12.2	12.6
		HI PR	161	173	183	191	180	194	205	214	205	221	233	243	234	252	266	277	263	283	299	312	291	313	330	344
	LO PR	66.7	71.0	77.5	82.5	70.5	75.0	81.9	87.2	73.3	77.9	85.1	90.6	77.0	81.9	89.4	95.2	80.7	85.8	93.7	99.8	83.4	88.8	96.9	103.2	
	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
		S/T	0.9	0.9	0.8	0.7	1.0	0.9	0.8	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.8	1.0	1.0	0.9	0.8
		Delta T	26.5	26.1	24.7	21.4	26.9	26.4	25.0	21.6	26.9	26.4	25.0	21.6	26.2	26.6	25.2	21.8	24.9	25.4	24.8	21.5	23.1	23.5	23.2	20.1
		KW	2.4	2.5	2.6	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9	3.0	2.9	3.0	3.1	3.2	3.0	3.1	3.2	3.3	3.1	3.2	3.3	3.4
		AMPS	8.5	8.7	8.9	9.2	9.0	9.2	9.5	9.8	9.7	9.9	10.1	10.5	10.2	10.4	10.7	11.1	10.8	11.0	11.3	11.7	11.3	11.6	11.9	12.3
		HI PR	156	168	177	185	175	188	199	207	199	214	226	236	227	244	258	269	255	275	290	302	282	303	320	334
	LO PR	64.7	68.9	75.2	80.1	68.4	72.7	79.4	84.6	71.1	75.6	82.5	87.9	74.7	79.4	86.7	92.3	78.2	83.2	90.9	96.8	80.9	86.1	94.0	100.1	

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

COOLING PERFORMANCE DATA

PGD30

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: PGD36C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1350	MBh	35.1	36.4	39.8	-	34.3	35.5	38.9	-	33.4	34.7	38.0	-	32.6	33.8	37.1	-	31.0	32.1	35.2	-	28.7	29.8	32.6	-
		S/T	0.8	0.6	0.4	-	0.8	0.7	0.5	-	0.8	0.7	0.5	-	0.8	0.7	0.5	-	0.9	0.7	0.5	-	0.9	0.7	0.5	-
		Delta T	18.2	15.8	12.0	-	18.5	16.0	12.1	-	18.5	16.0	12.1	-	18.6	16.1	12.2	-	18.3	15.9	12.1	-	17.1	14.8	11.3	-
		KW	2.6	2.7	2.8	-	2.8	2.9	3.0	-	3.0	3.1	3.2	-	3.1	3.2	3.3	-	3.3	3.3	3.4	-	3.4	3.5	3.6	-
		AMPS	10.4	10.6	10.9	-	11.1	11.3	11.6	-	11.9	12.1	12.5	-	12.6	12.8	13.2	-	13.3	13.5	13.9	-	13.9	14.2	14.7	-
		HI PR	158	170	179	-	177	190	201	-	201	216	229	-	229	247	260	-	258	277	293	-	285	306	324	-
		LO PR	67.2	71.5	78.1	-	71.0	75.6	82.5	-	73.8	78.5	85.7	-	77.6	82.5	90.1	-	81.3	86.5	94.4	-	84.1	89.4	97.6	-
	1150	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	-
		S/T	0.7	0.6	0.4	-	0.8	0.6	0.4	-	0.8	0.6	0.4	-	0.8	0.7	0.5	-	0.8	0.7	0.5	-	0.8	0.7	0.5	-
		Delta T	19.8	17.2	13.0	-	20.1	17.4	13.2	-	20.1	17.4	13.2	-	20.2	17.5	13.3	-	19.9	17.3	13.1	-	18.6	16.1	12.2	-
		KW	2.6	2.7	2.7	-	2.8	2.9	2.9	-	3.0	3.0	3.1	-	3.1	3.2	3.3	-	3.2	3.3	3.4	-	3.4	3.4	3.5	-
		AMPS	10.3	10.5	10.8	-	11.0	11.2	11.5	-	11.8	12.0	12.4	-	12.5	12.7	13.1	-	13.2	13.4	13.8	-	13.8	14.1	14.5	-
		HI PR	156	168	177	-	175	188	199	-	199	214	226	-	227	244	258	-	255	275	290	-	282	303	320	-
		LO PR	66.6	70.8	77.3	-	70.3	74.8	81.7	-	73.1	77.8	84.9	-	76.8	81.7	89.2	-	80.5	85.6	93.5	-	83.2	88.6	96.7	-
	1050	MBh	33.5	34.8	38.1	-	32.8	34.0	37.2	-	32.0	33.2	36.3	-	31.2	32.3	35.4	-	29.6	30.7	33.7	-	27.5	28.5	31.2	-
		S/T	0.7	0.6	0.4	-	0.7	0.6	0.4	-	0.7	0.6	0.4	-	0.8	0.6	0.4	-	0.8	0.7	0.5	-	0.8	0.7	0.5	-
		Delta T	20.6	17.9	13.6	-	20.9	18.1	13.7	-	20.9	18.1	13.7	-	21.0	18.2	13.8	-	20.8	18.0	13.6	-	19.4	16.8	12.7	-
		KW	2.6	2.6	2.7	-	2.8	2.8	2.9	-	2.9	3.0	3.1	-	3.1	3.1	3.2	-	3.2	3.3	3.4	-	3.3	3.4	3.5	-
		AMPS	10.2	10.4	10.7	-	10.8	11.1	11.4	-	11.6	11.9	12.2	-	12.3	12.6	12.9	-	13.0	13.3	13.6	-	13.6	13.9	14.3	-
		HI PR	153	165	174	-	172	185	196	-	196	211	222	-	223	240	253	-	251	270	285	-	277	298	315	-
		LO PR	65.4	69.6	76.0	-	69.1	73.6	80.3	-	71.9	76.4	83.5	-	75.5	80.3	87.7	-	79.1	84.2	91.9	-	81.8	87.0	95.0	-
75	1350	MBh	35.7	36.7	39.8	42.7	34.8	35.9	38.8	41.7	34.0	35.0	37.9	40.7	33.2	34.2	37.0	39.7	31.5	32.5	35.1	37.7	29.2	30.1	32.5	34.9
		S/T	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	1.0	0.9	0.6	0.4	1.0	0.9	0.7	0.4	1.0	0.9	0.7	0.4
		Delta T	21.1	19.4	15.9	11.0	21.3	19.7	16.1	11.1	21.4	19.7	16.1	11.1	21.5	19.8	16.2	11.2	21.2	19.5	16.0	11.0	19.8	18.2	14.9	10.3
		KW	2.6	2.7	2.8	2.9	2.8	2.9	3.0	3.1	3.0	3.1	3.2	3.3	3.2	3.2	3.3	3.4	3.3	3.4	3.5	3.6	3.4	3.5	3.6	3.7
		AMPS	10.5	10.7	11.0	11.3	11.2	11.4	11.7	12.1	12.0	12.2	12.6	13.0	12.7	12.9	13.3	13.7	13.4	13.7	14.1	14.5	14.1	14.4	14.8	15.3
		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	67.9	72.3	78.9	84.0	71.8	76.3	83.3	88.8	74.6	79.3	86.6	92.3	78.3	83.3	91.0	96.9	82.1	87.3	95.4	101.6	84.9	90.3	98.6	105.0
	1150	MBh	34.6	35.7	38.6	41.4	33.8	34.8	37.7	40.5	33.0	34.0	36.8	39.5	32.2	33.2	35.9	38.5	30.6	31.5	34.1	36.6	28.4	29.2	31.6	33.9
		S/T	0.8	0.7	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	1.0	0.8	0.6	0.4
		Delta T	22.9	21.1	17.3	11.9	23.2	21.4	17.5	12.1	23.2	21.4	17.5	12.1	23.4	21.5	17.6	12.2	23.1	21.2	17.4	12.0	21.5	19.8	16.2	11.2
		KW	2.6	2.7	2.8	2.8	2.8	2.9	3.0	3.1	3.0	3.1	3.2	3.3	3.1	3.2	3.3	3.4	3.3	3.3	3.5	3.6	3.4	3.5	3.6	3.7
		AMPS	10.4	10.6	10.9	11.2	11.1	11.3	11.6	12.0	11.9	12.1	12.5	12.9	12.6	12.8	13.2	13.6	13.3	13.5	13.9	14.4	13.9	14.2	14.7	15.2
		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
		LO PR	67.3	71.5	78.1	83.2	71.1	75.6	82.5	87.9	73.8	78.6	85.8	91.3	77.6	82.5	90.1	95.9	81.3	86.5	94.4	100.6	84.1	89.5	97.7	104.0
	1050	MBh	34.1	35.1	38.0	40.8	33.3	34.3	37.1	39.9	32.5	33.5	36.3	38.9	31.7	32.7	35.4	38.0	30.1	31.0	33.6	36.1	27.9	28.8	31.1	33.4
		S/T	0.8	0.7	0.5	0.3	0.8	0.7	0.6	0.4	0.8	0.8	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4
		Delta T	23.8	22.0	18.0	12.4	24.1	22.2	18.2	12.6	24.2	22.2	18.2	12.6	24.3	22.4	18.4	12.7	24.0	22.1	18.1	12.5	22.4	20.6	16.9	11.7
		KW	2.6	2.6	2.7	2.8	2.8	2.8	2.9	3.0	3.0	3.0	3.1	3.2	3.1	3.2	3.3	3.4	3.2	3.3	3.4	3.5	3.3	3.4	3.5	3.6
		AMPS	10.2	10.5	10.7	11.1	10.9	11.2	11.5	11.8	11.7	12.0	12.3	12.7	12.4	12.7	13.0	13.4	13.1	13.4	13.7	14.2	13.8	14.1	14.5	14.9
		HI PR	155	167	176	184	174	187	198	206	198	213	225	234	225	242	256	267	253	273	288	300	280	301	318	332
		LO PR	66.1	70.3	76.8	81.8	69.8	74.3	81.1	86.4	72.6	77.2	84.3	89.8	76.2	81.1	88.6	94.3	79.9	85.0	92.8	98.8	82.7	87.9	96.0	102.2

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

COOLING PERFORMANCE DATA

PGD36

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: PGD36C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1350	MBh	36.3	37.1	39.6	42.4	35.5	36.2	38.7	41.4	34.6	35.4	37.8	40.4	33.8	34.5	36.9	39.4	32.1	32.8	35.0	37.4	29.7	30.4	32.4	34.7
		S/T	1.0	0.9	0.7	0.5	1.0	0.9	0.8	0.6	1.0	0.9	0.8	0.6	1.0	1.0	0.8	0.6	1.0	1.0	0.8	0.6	1.0	1.0	0.8	0.6
		Delta T	23.5	22.6	19.6	15.7	24.2	22.8	19.9	15.9	23.6	22.9	19.9	15.9	23.0	23.5	20.0	16.0	21.9	22.3	19.7	15.8	20.2	20.7	18.4	14.7
		KW	2.7	2.7	2.8	2.9	2.9	2.9	3.0	3.1	3.0	3.1	3.2	3.3	3.2	3.3	3.4	3.5	3.3	3.4	3.5	3.6	3.4	3.5	3.6	3.8
		AMPS	10.5	10.7	11.0	11.4	11.2	11.5	11.8	12.2	12.1	12.3	12.7	13.1	12.8	13.0	13.4	13.9	13.5	13.8	14.2	14.6	14.2	14.5	14.9	15.4
		HI PR	161	173	183	191	180	194	205	214	205	221	233	243	234	252	266	277	263	283	299	312	291	313	330	344
	LO PR	68.6	73.0	79.7	84.9	72.5	77.1	84.2	89.7	75.3	80.1	87.5	93.2	79.1	84.2	91.9	97.9	82.9	88.2	96.3	102.6	85.8	91.3	99.6	106.1	
	1150	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
		S/T	0.9	0.9	0.7	0.5	0.9	0.9	0.7	0.5	1.0	0.9	0.7	0.6	1.0	0.9	0.8	0.6	1.0	1.0	0.8	0.6	1.0	1.0	0.8	0.6
		Delta T	25.6	24.5	21.3	17.0	25.9	24.8	21.6	17.2	25.9	24.8	21.6	17.3	26.1	25.0	21.8	17.4	24.9	24.7	21.4	17.1	23.1	23.0	20.0	16.0
		KW	2.6	2.7	2.8	2.9	2.8	2.9	3.0	3.1	3.0	3.1	3.2	3.3	3.2	3.2	3.3	3.4	3.3	3.4	3.5	3.6	3.4	3.5	3.6	3.7
		AMPS	10.5	10.7	11.0	11.3	11.2	11.4	11.7	12.1	12.0	12.2	12.6	13.0	12.7	12.9	13.3	13.7	13.4	13.7	14.1	14.5	14.1	14.4	14.8	15.3
		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	67.9	72.3	78.9	84.0	71.8	76.4	83.4	88.8	74.6	79.4	86.6	92.3	78.4	83.4	91.0	96.9	82.1	87.4	95.4	101.6	84.9	90.4	98.6	105.1	
	1050	MBh	34.7	35.5	37.9	40.5	33.9	34.7	37.0	39.6	33.1	33.8	36.1	38.6	32.3	33.0	35.3	37.7	30.7	31.4	33.5	35.8	28.4	29.0	31.0	33.2
		S/T	0.9	0.8	0.7	0.5	0.9	0.9	0.7	0.5	0.9	0.9	0.7	0.5	1.0	0.9	0.7	0.5	1.0	0.9	0.8	0.6	1.0	0.9	0.8	0.6
		Delta T	26.6	25.5	22.2	17.7	26.9	25.8	22.5	17.9	27.0	25.8	22.5	18.0	27.2	26.0	22.6	18.1	26.8	25.7	22.3	17.8	25.0	24.0	20.8	16.7
		KW	2.6	2.7	2.7	2.8	2.8	2.9	3.0	3.0	3.0	3.0	3.1	3.2	3.1	3.2	3.3	3.4	3.3	3.3	3.4	3.5	3.4	3.4	3.5	3.7
		AMPS	10.3	10.5	10.8	11.1	11.0	11.2	11.5	11.9	11.8	12.1	12.4	12.8	12.5	12.8	13.1	13.6	13.2	13.5	13.9	14.3	13.9	14.2	14.6	15.1
		HI PR	157	168	178	186	176	189	200	208	200	215	227	237	228	245	259	270	256	275	291	303	283	304	321	335
	LO PR	66.8	71.0	77.6	82.6	70.5	75.1	81.9	87.3	73.3	78.0	85.2	90.7	77.0	81.9	89.5	95.3	80.7	85.9	93.7	99.8	83.5	88.8	97.0	103.3	
85	1350	MBh	36.9	37.7	39.4	42.1	36.1	36.8	38.5	41.1	35.2	35.9	37.6	40.1	34.4	35.0	36.7	39.1	32.6	33.3	34.9	37.2	30.2	30.8	32.3	34.4
		S/T	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.8
		Delta T	25.1	24.7	23.3	20.2	24.6	25.0	23.6	20.4	24.0	24.5	23.6	20.5	23.4	23.9	23.8	20.6	22.2	22.7	23.5	20.3	20.6	21.0	21.9	19.0
		KW	2.7	2.7	2.8	2.9	2.9	2.9	3.0	3.1	3.1	3.1	3.2	3.3	3.2	3.3	3.4	3.5	3.4	3.4	3.5	3.7	3.5	3.5	3.7	3.8
		AMPS	10.6	10.8	11.1	11.5	11.3	11.6	11.9	12.3	12.2	12.4	12.8	13.2	12.9	13.1	13.5	14.0	13.6	13.9	14.3	14.8	14.3	14.6	15.0	15.5
		HI PR	162	175	185	193	182	196	207	216	207	223	236	246	236	254	268	280	266	286	302	315	293	316	333	348
	LO PR	69.3	73.7	80.5	85.7	73.2	77.9	85.0	90.6	76.1	80.9	88.4	94.1	79.9	85.0	92.8	98.9	83.8	89.1	97.3	103.6	86.6	92.2	100.6	107.2	
	1150	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	1.0	0.9	0.8	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.8	1.0	1.0	1.0	0.8
		Delta T	27.3	26.8	25.4	22.0	27.6	27.2	25.7	22.2	27.3	27.2	25.7	22.2	26.7	27.2	25.9	22.4	25.3	25.8	25.5	22.1	23.5	23.9	23.8	20.6
		KW	2.7	2.7	2.8	2.9	2.9	2.9	3.0	3.1	3.0	3.1	3.2	3.3	3.2	3.3	3.4	3.5	3.3	3.4	3.5	3.6	3.4	3.5	3.6	3.8
		AMPS	10.5	10.7	11.0	11.4	11.2	11.5	11.8	12.2	12.1	12.3	12.7	13.1	12.8	13.0	13.4	13.9	13.5	13.8	14.2	14.6	14.2	14.5	14.9	15.4
		HI PR	161	173	183	191	180	194	205	214	205	221	233	243	234	252	266	277	263	283	299	312	291	313	330	344
	LO PR	68.6	73.0	79.7	84.9	72.5	77.1	84.2	89.7	75.3	80.1	87.5	93.2	79.1	84.2	91.9	97.9	82.9	88.2	96.3	102.6	85.8	91.3	99.6	106.1	
	1050	MBh	35.3	36.0	37.7	40.2	34.5	35.2	36.8	39.3	33.7	34.3	36.0	38.4	32.9	33.5	35.1	37.4	31.2	31.8	33.3	35.6	28.9	29.5	30.9	32.9
		S/T	0.9	0.9	0.8	0.6	1.0	0.9	0.8	0.7	1.0	0.9	0.8	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7
		Delta T	28.4	27.9	26.4	22.8	28.7	28.3	26.7	23.1	28.8	28.3	26.7	23.1	28.8	28.5	26.9	23.3	27.3	27.9	26.6	23.0	25.3	25.8	24.8	21.5
		KW	2.6	2.7	2.8	2.9	2.8	2.9	3.0	3.1	3.0	3.1	3.2	3.3	3.1	3.2	3.3	3.4	3.3	3.4	3.5	3.6	3.4	3.5	3.6	3.7
		AMPS	10.4	10.6	10.9	11.2	11.1	11.3	11.6	12.0	11.9	12.1	12.5	12.9	12.6	12.9	13.2	13.7	13.3	13.6	14.0	14.4	14.0	14.3	14.7	15.2
		HI PR	158	170	180	187	177	191	202	210	202	217	229	239	230	247	261	272	259	278	294	306	286	307	325	339
	LO PR	67.4	71.8	78.3	83.4	71.3	75.8	82.8	88.1	74.1	78.8	86.0	91.6	77.8	82.8	90.3	96.2	81.5	86.7	94.7	100.8	84.3	89.7	97.9	104.3	

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

COOLING PERFORMANCE DATA

PGD36

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: PGD42C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1575	MBh	40.2	41.6	45.6	-	39.2	40.7	44.6	-	38.3	39.7	43.5	-	37.4	38.7	42.4	-	35.5	36.8	40.3	-	32.9	34.1	37.3	-
		S/T	0.8	0.6	0.4	-	0.8	0.7	0.5	-	0.8	0.7	0.5	-	0.8	0.7	0.5	-	0.9	0.7	0.5	-	0.9	0.7	0.5	-
		Delta T	17.9	15.5	11.8	-	18.1	15.7	11.9	-	18.1	15.7	11.9	-	18.3	15.8	12.0	-	18.0	15.6	11.8	-	16.8	14.6	11.1	-
		KW	2.9	2.9	3.0	-	3.1	3.1	3.2	-	3.3	3.3	3.4	-	3.4	3.5	3.6	-	3.6	3.6	3.8	-	3.7	3.8	3.9	-
		AMPS	12.8	13.1	13.4	-	13.7	13.9	14.3	-	14.7	15.0	15.4	-	15.5	15.8	16.3	-	16.4	16.7	17.2	-	17.2	17.6	18.1	-
		HI PR	161	173	183	-	180	194	205	-	205	221	233	-	233	251	265	-	263	283	298	-	290	312	330	-
	LO PR	64.3	68.4	74.7	-	67.9	72.3	78.9	-	70.6	75.1	82.0	-	74.1	78.9	86.1	-	77.7	82.7	90.2	-	80.4	85.5	93.3	-	
	1350	MBh	39.0	40.4	44.3	-	38.1	39.5	43.3	-	37.2	38.5	42.2	-	36.3	37.6	41.2	-	34.5	35.7	39.1	-	31.9	33.1	36.3	-
		S/T	0.7	0.6	0.4	-	0.8	0.6	0.4	-	0.8	0.6	0.4	-	0.8	0.7	0.5	-	0.8	0.7	0.5	-	0.8	0.7	0.5	-
		Delta T	19.3	16.7	12.7	-	19.6	16.9	12.9	-	19.6	17.0	12.9	-	19.7	17.1	13.0	-	19.5	16.8	12.8	-	18.2	15.7	11.9	-
		KW	2.8	2.9	3.0	-	3.1	3.1	3.2	-	3.2	3.3	3.4	-	3.4	3.5	3.6	-	3.5	3.6	3.7	-	3.7	3.7	3.9	-
		AMPS	12.7	13.0	13.3	-	13.6	13.8	14.2	-	14.5	14.8	15.3	-	15.4	15.7	16.2	-	16.2	16.6	17.1	-	17.1	17.4	18.0	-
		HI PR	159	171	181	-	178	192	203	-	203	218	231	-	231	249	263	-	260	280	295	-	287	309	326	-
	LO PR	63.6	67.7	73.9	-	67.2	71.5	78.1	-	69.9	74.3	81.2	-	73.4	78.1	85.3	-	76.9	81.8	89.4	-	79.6	84.7	92.4	-	
	1225	MBh	38.4	39.8	43.6	-	37.5	38.9	42.6	-	36.6	38.0	41.6	-	35.7	37.0	40.6	-	34.0	35.2	38.6	-	31.5	32.6	35.7	-
		S/T	0.7	0.6	0.4	-	0.7	0.6	0.4	-	0.7	0.6	0.4	-	0.8	0.6	0.4	-	0.8	0.7	0.5	-	0.8	0.7	0.5	-
		Delta T	20.2	17.5	13.3	-	20.5	17.7	13.5	-	20.5	17.8	13.5	-	20.7	17.9	13.6	-	20.4	17.6	13.4	-	19.0	16.5	12.5	-
		KW	2.8	2.9	2.9	-	3.0	3.1	3.2	-	3.2	3.3	3.4	-	3.4	3.4	3.5	-	3.5	3.6	3.7	-	3.6	3.7	3.8	-
		AMPS	12.5	12.8	13.1	-	13.4	13.6	14.0	-	14.3	14.6	15.1	-	15.2	15.5	15.9	-	16.0	16.4	16.8	-	16.8	17.2	17.7	-
		HI PR	156	168	178	-	175	189	199	-	199	215	227	-	227	244	258	-	256	275	290	-	282	304	321	-
	LO PR	62.6	66.6	72.7	-	66.1	70.3	76.8	-	68.7	73.1	79.8	-	72.2	76.8	83.8	-	75.6	80.5	87.8	-	78.2	83.2	90.9	-	
75	1575	MBh	40.9	42.1	45.5	48.9	39.9	41.1	44.5	47.7	39.0	40.1	43.4	46.6	38.0	39.1	42.4	45.5	36.1	37.2	40.2	43.2	33.4	34.4	37.3	40.0
		S/T	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	1.0	0.9	0.6	0.4	1.0	0.9	0.7	0.4	1.0	0.9	0.7	0.4
		Delta T	20.7	19.1	15.6	10.8	20.9	19.3	15.8	10.9	21.0	19.3	15.8	10.9	21.1	19.4	15.9	11.0	20.8	19.2	15.7	10.8	19.4	17.9	14.7	10.1
		KW	2.9	2.9	3.0	3.1	3.1	3.2	3.3	3.4	3.3	3.4	3.5	3.6	3.5	3.5	3.6	3.8	3.6	3.7	3.8	3.9	3.7	3.8	3.9	4.0
		AMPS	12.9	13.2	13.5	13.9	13.8	14.0	14.4	14.9	14.8	15.1	15.5	16.0	15.6	16.0	16.4	17.0	16.5	16.9	17.4	17.9	17.4	17.7	18.3	18.9
		HI PR	162	175	184	192	182	196	207	216	207	223	235	245	236	254	268	279	265	285	301	314	293	315	333	347
		LO PR	64.9	69.1	75.4	80.3	68.6	73.0	79.7	84.9	71.3	75.9	82.8	88.2	74.9	79.7	87.0	92.6	78.5	83.5	91.2	97.1	81.2	86.4	94.3	100.4
	1350	MBh	39.7	40.8	44.2	47.4	38.7	39.9	43.2	46.3	37.8	38.9	42.2	45.2	36.9	38.0	41.1	44.1	35.1	36.1	39.1	41.9	32.5	33.4	36.2	38.8
		S/T	0.8	0.7	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	1.0	0.8	0.6	0.4
		Delta T	22.4	20.6	16.9	11.6	22.6	20.8	17.1	11.8	22.7	20.9	17.1	11.8	22.8	21.0	17.2	11.9	22.5	20.7	17.0	11.7	21.0	19.3	15.9	10.9
		KW	2.9	2.9	3.0	3.1	3.1	3.1	3.2	3.3	3.3	3.3	3.4	3.5	3.4	3.5	3.6	3.7	3.6	3.6	3.8	3.9	3.7	3.8	3.9	4.0
		AMPS	12.8	13.1	13.4	13.8	13.7	13.9	14.3	14.8	14.7	15.0	15.4	15.9	15.5	15.8	16.3	16.8	16.4	16.7	17.2	17.8	17.2	17.6	18.1	18.7
		HI PR	161	173	183	190	180	194	205	214	205	221	233	243	233	251	265	277	263	283	298	311	290	312	330	344
	LO PR	64.3	68.4	74.7	79.5	67.9	72.3	78.9	84.0	70.6	75.1	82.0	87.3	74.2	78.9	86.1	91.7	77.7	82.7	90.3	96.1	80.4	85.5	93.4	99.4	
	1225	MBh	39.1	40.2	43.5	46.7	38.2	39.3	42.5	45.6	37.3	38.4	41.5	44.6	36.3	37.4	40.5	43.5	34.5	35.6	38.5	41.3	32.0	32.9	35.6	38.3
		S/T	0.8	0.7	0.5	0.3	0.8	0.7	0.6	0.4	0.8	0.8	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4	0.9	0.8	0.6	0.4
		Delta T	23.4	21.6	17.7	12.2	23.7	21.8	17.9	12.3	23.7	21.8	17.9	12.4	23.9	22.0	18.0	12.4	23.5	21.7	17.8	12.3	22.0	20.3	16.6	11.5
		KW	2.8	2.9	3.0	3.1	3.0	3.1	3.2	3.3	3.2	3.3	3.4	3.5	3.4	3.5	3.6	3.7	3.5	3.6	3.7	3.8	3.6	3.7	3.8	4.0
		AMPS	12.6	12.9	13.2	13.6	13.5	13.8	14.1	14.6	14.5	14.8	15.2	15.7	15.3	15.6	16.1	16.6	16.2	16.5	17.0	17.5	17.0	17.3	17.9	18.5
		HI PR	158	170	179	187	177	191	201	210	202	217	229	239	230	247	261	272	258	278	293	306	285	307	324	338
	LO PR	63.2	67.2	73.4	78.2	66.8	71.0	77.6	82.6	69.4	73.8	80.6	85.8	72.9	77.6	84.7	90.2	76.4	81.3	88.7	94.5	79.0	84.1	91.8	97.7	

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

COOLING PERFORMANCE DATA

PGD42

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: PGD42C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1575	MBh	41.6	42.5	45.4	48.5	40.6	41.5	44.3	47.4	39.6	40.5	43.3	46.3	38.7	39.5	42.2	45.1	36.7	37.6	40.1	42.9	34.0	34.8	37.2	39.7
		S/T	1.0	0.9	0.7	0.5	1.0	0.9	0.8	0.6	1.0	0.9	0.8	0.6	1.0	1.0	0.8	0.6	1.0	1.0	0.8	0.6	1.0	1.0	0.8	0.6
		Delta T	23.1	22.1	19.3	15.4	23.7	22.4	19.5	15.6	23.1	22.4	19.5	15.6	22.6	23.1	19.6	15.7	21.5	21.9	19.4	15.5	19.9	20.3	18.1	14.5
		KW	2.9	3.0	3.1	3.2	3.1	3.2	3.3	3.4	3.3	3.4	3.5	3.6	3.5	3.6	3.7	3.8	3.6	3.7	3.8	3.9	3.7	3.8	4.0	4.1
		AMPS	13.0	13.3	13.6	14.0	13.9	14.2	14.5	15.0	14.9	15.2	15.6	16.1	15.8	16.1	16.6	17.1	16.6	17.0	17.5	18.1	17.5	17.9	18.4	19.0
		HI PR	164	176	186	194	184	198	209	218	209	225	238	248	238	256	271	282	268	288	305	318	296	319	336	351
		LO PR	65.6	69.8	76.2	81.1	69.3	73.7	80.5	85.7	72.0	76.6	83.7	89.1	75.7	80.5	87.9	93.6	79.3	84.4	92.1	98.1	82.0	87.2	95.3	101.4
	1350	MBh	40.4	41.3	44.1	47.1	39.4	40.3	43.1	46.0	38.5	39.3	42.0	44.9	37.6	38.4	41.0	43.8	35.7	36.5	39.0	41.6	33.0	33.8	36.1	38.6
		S/T	0.9	0.9	0.7	0.5	0.9	0.9	0.7	0.5	1.0	0.9	0.7	0.6	1.0	0.9	0.8	0.6	1.0	1.0	0.8	0.6	1.0	1.0	0.8	0.6
		Delta T	25.0	23.9	20.8	16.6	25.3	24.2	21.1	16.8	25.3	24.2	21.1	16.8	25.5	24.4	21.2	17.0	24.3	24.1	20.9	16.7	22.5	22.5	19.5	15.6
		KW	2.9	2.9	3.0	3.1	3.1	3.2	3.3	3.4	3.3	3.4	3.5	3.6	3.5	3.5	3.6	3.8	3.6	3.7	3.8	3.9	3.7	3.8	3.9	4.0
		AMPS	12.9	13.2	13.5	13.9	13.8	14.0	14.4	14.9	14.8	15.1	15.5	16.0	15.6	16.0	16.4	17.0	16.5	16.9	17.4	17.9	17.4	17.7	18.3	18.9
		HI PR	162	175	184	192	182	196	207	216	207	223	235	245	236	254	268	280	265	286	302	314	293	315	333	347
		LO PR	64.9	69.1	75.4	80.3	68.6	73.0	79.7	84.9	71.3	75.9	82.8	88.2	74.9	79.7	87.0	92.7	78.5	83.5	91.2	97.1	81.2	86.4	94.3	100.4
	1225	MBh	39.8	40.6	43.4	46.4	38.8	39.7	42.4	45.3	37.9	38.7	41.4	44.3	37.0	37.8	40.4	43.2	35.1	35.9	38.4	41.0	32.6	33.3	35.5	38.0
		S/T	0.9	0.8	0.7	0.5	0.9	0.9	0.7	0.5	0.9	0.9	0.7	0.5	1.0	0.9	0.7	0.5	1.0	0.9	0.8	0.6	1.0	0.9	0.8	0.6
		Delta T	26.1	25.0	21.8	17.4	26.4	25.3	22.0	17.6	26.5	25.4	22.1	17.6	26.7	25.5	22.2	17.8	26.3	25.2	21.9	17.5	24.6	23.5	20.5	16.3
		KW	2.9	2.9	3.0	3.1	3.1	3.1	3.2	3.3	3.2	3.3	3.4	3.5	3.4	3.5	3.6	3.7	3.5	3.6	3.7	3.9	3.7	3.7	3.9	4.0
		AMPS	12.7	13.0	13.3	13.8	13.6	13.9	14.2	14.7	14.6	14.9	15.3	15.8	15.4	15.8	16.2	16.7	16.3	16.6	17.1	17.7	17.1	17.5	18.0	18.6
		HI PR	159	172	181	189	179	193	203	212	204	219	231	241	232	249	263	275	261	281	296	309	288	310	327	342
		LO PR	63.8	67.9	74.1	79.0	67.4	71.8	78.3	83.4	70.1	74.6	81.4	86.7	73.6	78.3	85.5	91.1	77.2	82.1	89.6	95.5	79.8	84.9	92.7	98.7
85	1575	MBh	42.3	43.1	45.2	48.2	41.3	42.1	44.1	47.1	40.3	41.1	43.1	45.9	39.4	40.1	42.0	44.8	37.4	38.1	39.9	42.6	34.6	35.3	37.0	39.4
		S/T	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.8
		Delta T	24.6	24.2	22.9	19.8	24.1	24.5	23.2	20.1	23.5	24.0	23.2	20.1	23.0	23.4	23.4	20.2	21.8	22.2	23.0	19.9	20.2	20.6	21.5	18.6
		KW	2.9	3.0	3.1	3.2	3.1	3.2	3.3	3.4	3.3	3.4	3.5	3.6	3.5	3.6	3.7	3.8	3.7	3.7	3.9	4.0	3.8	3.9	4.0	4.1
		AMPS	13.1	13.4	13.7	14.1	14.0	14.3	14.7	15.1	15.0	15.3	15.8	16.3	15.9	16.2	16.7	17.2	16.8	17.1	17.6	18.2	17.6	18.0	18.6	19.2
		HI PR	166	178	188	196	186	200	211	220	211	227	240	250	241	259	273	285	271	291	308	321	299	322	340	354
		LO PR	66.2	70.5	76.9	81.9	70.0	74.5	81.3	86.6	72.7	77.4	84.5	90.0	76.4	81.3	88.7	94.5	80.1	85.2	93.0	99.1	82.8	88.1	96.2	102.5
	1350	MBh	41.1	41.9	43.9	46.8	40.1	40.9	42.8	45.7	39.2	39.9	41.8	44.6	38.2	39.0	40.8	43.5	36.3	37.0	38.8	41.3	33.6	34.3	35.9	38.3
		S/T	1.0	0.9	0.8	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.8	1.0	1.0	1.0	0.8
		Delta T	26.6	26.2	24.7	21.4	26.9	26.5	25.1	21.7	26.7	26.5	25.1	21.7	26.0	26.5	25.3	21.9	24.7	25.2	24.9	21.6	22.9	23.3	23.3	20.1
		KW	2.9	3.0	3.1	3.2	3.1	3.2	3.3	3.4	3.3	3.4	3.5	3.6	3.5	3.6	3.7	3.8	3.6	3.7	3.8	3.9	3.7	3.8	4.0	4.1
		AMPS	13.0	13.3	13.6	14.0	13.9	14.2	14.5	15.0	14.9	15.2	15.6	16.1	15.8	16.1	16.6	17.1	16.6	17.0	17.5	18.1	17.5	17.9	18.4	19.0
		HI PR	164	176	186	194	184	198	209	218	209	225	238	248	238	256	271	282	268	288	305	318	296	319	336	351
		LO PR	65.6	69.8	76.2	81.1	69.3	73.7	80.5	85.7	72.0	76.6	83.7	89.1	75.7	80.5	87.9	93.6	79.3	84.4	92.1	98.1	82.0	87.2	95.3	101.4
	1225	MBh	40.5	41.2	43.2	46.1	39.5	40.3	42.2	45.0	38.6	39.3	41.2	43.9	37.6	38.4	40.2	42.9	35.8	36.4	38.2	40.7	33.1	33.8	35.4	37.7
		S/T	0.9	0.9	0.8	0.6	1.0	0.9	0.8	0.7	1.0	0.9	0.8	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7	1.0	1.0	0.9	0.7
		Delta T	27.9	27.4	25.9	22.4	28.2	27.7	26.2	22.7	28.2	27.8	26.3	22.7	28.2	28.0	26.4	22.9	26.8	27.4	26.1	22.6	24.9	25.3	24.3	21.1
		KW	2.9	2.9	3.0	3.1	3.1	3.1	3.2	3.3	3.3	3.3	3.4	3.6	3.4	3.5	3.6	3.7	3.6	3.7	3.8	3.9	3.7	3.8	3.9	4.0
		AMPS	12.8	13.1	13.4	13.9	13.7	14.0	14.4	14.8	14.7	15.0	15.4	15.9	15.5	15.9	16.3	16.9	16.4	16.8	17.3	17.8	17.3	17.6	18.2	18.8
		HI PR	161	173	183	191	181	195	205	214	206	221	234	244	234	252	266	278	263	283	299	312	291	313	331	345
		LO PR	64.5	68.6	74.9	79.8	68.1	72.5	79.1	84.3	70.8	75.3	82.2	87.6	74.4	79.1	86.4	92.0	77.9	82.9	90.5	96.4	80.6	85.8	93.6	99.7

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

COOLING PERFORMANCE DATA

PGD42

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL PGD48C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1600	MBh	45.2	46.8	51.3	-	44.1	45.7	50.1	-	43.1	44.6	48.9	-	42.0	43.5	47.7	-	39.9	41.4	45.3	-	37.0	38.3	42.0	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-
		Delta T	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-
		KW	3.26	3.33	3.44	-	3.51	3.59	3.70	-	3.73	3.81	3.93	-	3.92	4.01	4.14	-	4.09	4.18	4.32	-	4.23	4.32	4.47	-
		AMPS	14.6	14.9	15.3	-	15.6	16.0	16.4	-	16.8	17.2	17.7	-	17.8	18.2	18.7	-	18.8	19.2	19.8	-	19.8	20.3	20.9	-
		HI PR	166	179	189	-	186	200	212	-	212	228	241	-	241	260	274	-	271	292	309	-	300	323	341	-
		LO PR	64	68	74	-	67	72	78	-	70	75	81	-	74	78	86	-	77	82	90	-	80	85	93	-
	1500	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	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
		Delta T	20	17	13	-	20	17	13	-	20	18	13	-	20	18	13	-	20	17	13	-	19	16	12	-
		KW	3.26	3.32	3.43	-	3.50	3.58	3.69	-	3.72	3.80	3.92	-	3.91	4.00	4.13	-	4.08	4.17	4.30	-	4.22	4.31	4.46	-
		AMPS	14.6	14.9	15.3	-	15.6	15.9	16.4	-	16.8	17.1	17.6	-	17.8	18.2	18.7	-	18.8	19.2	19.8	-	19.8	20.2	20.8	-
		HI PR	166	178	188	-	186	200	211	-	211	227	240	-	241	259	273	-	271	291	308	-	299	322	340	-
		LO PR	64	68	74	-	67	72	78	-	70	74	81	-	73	78	85	-	77	82	89	-	80	85	92	-
	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	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-
		Delta T	20	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	20	18	13	-	19	17	13	-
		KW	3.21	3.28	3.38	-	3.45	3.53	3.64	-	3.67	3.75	3.87	-	3.86	3.94	4.07	-	4.02	4.11	4.24	-	4.16	4.25	4.39	-
		AMPS	14.4	14.7	15.1	-	15.4	15.7	16.2	-	16.5	16.9	17.4	-	17.5	17.9	18.4	-	18.5	18.9	19.5	-	19.5	19.9	20.5	-
		HI PR	163	175	185	-	183	196	207	-	208	223	236	-	237	255	269	-	266	286	302	-	294	316	334	-
		LO PR	63	67	73	-	66	70	77	-	69	73	80	-	72	77	84	-	76	80	88	-	78	83	91	-
75	1600	MBh	45.9	47.3	51.2	54.9	44.9	46.2	50.0	53.7	43.8	45.1	48.8	52.4	42.7	44.0	47.6	51.1	40.6	41.8	45.2	48.5	37.6	38.7	41.9	45.0
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42
		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	3.29	3.36	3.46	3.57	3.54	3.62	3.73	3.85	3.76	3.84	3.97	4.10	3.96	4.04	4.18	4.31	4.12	4.21	4.35	4.50	4.27	4.36	4.51	4.66
		AMPS	14.7	15.0	15.5	16.0	15.8	16.1	16.6	17.1	16.9	17.3	17.8	18.4	18.0	18.3	18.9	19.5	19.0	19.4	20.0	20.7	20.0	20.4	21.0	21.8
		HI PR	168	181	191	199	188	203	214	223	214	230	243	254	244	262	277	289	274	295	312	325	303	326	344	359
		LO PR	64	69	75	80	68	72	79	84	71	75	82	88	74	79	86	92	78	83	91	96	81	86	94	100
	1500	MBh	45.5	46.8	50.7	54.4	44.4	45.7	49.5	53.1	43.4	44.6	48.3	51.9	42.3	43.6	47.1	50.6	40.2	41.4	44.8	48.1	37.2	38.3	41.5	44.5
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		Delta T	23	21	17	12	23	22	18	12	23	22	18	12	24	22	18	12	23	21	18	12	22	20	16	11
		KW	3.28	3.35	3.45	3.56	3.53	3.61	3.72	3.84	3.75	3.83	3.96	4.09	3.95	4.03	4.17	4.30	4.11	4.20	4.34	4.49	4.26	4.35	4.49	4.65
		AMPS	14.7	15.0	15.4	15.9	15.7	16.1	16.5	17.0	16.9	17.3	17.8	18.4	17.9	18.3	18.8	19.5	18.9	19.3	19.9	20.6	19.9	20.4	21.0	21.7
		HI PR	167	180	190	198	188	202	213	222	213	230	243	253	243	262	276	288	273	294	311	324	302	325	343	358
		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	99
	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	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40
		Delta T	23	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	11
		KW	3.24	3.30	3.41	3.52	3.48	3.56	3.67	3.79	3.70	3.78	3.90	4.03	3.89	3.98	4.11	4.24	4.05	4.14	4.28	4.42	4.19	4.29	4.43	4.58
		AMPS	14.5	14.8	15.2	15.7	15.5	15.8	16.3	16.8	16.7	17.0	17.5	18.1	17.7	18.1	18.6	19.2	18.7	19.1	19.6	20.3	19.7	20.1	20.7	21.4
		HI PR	164	177	187	195	184	198	210	219	210	226	238	249	239	257	272	283	269	289	305	319	297	320	337	352
		LO PR	63	67	73	78	67	71	78	83	69	74	81	86	73	78	85	90	76	81	89	94	79	84	92	98

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

COOLING PERFORMANCE DATA

PGD48

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL PGD48C

			Outdoor Ambient Temperature																								
			65				75				85				95				105				115				
			Entering Indoor Wet Bulb Temperature																								
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
IDB*	Airflow		MBh	46.7	47.8	51.0	54.6	45.7	46.7	49.8	53.3	44.6	45.5	48.7	52.0	43.5	44.4	47.5	50.7	41.3	42.2	45.1	48.2	38.3	39.1	41.8	44.7
80	1600	S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.98	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	0.99	0.80	0.60	1.00	1.00	0.81	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	3.32	3.38	3.49	3.60	3.57	3.64	3.76	3.88	3.79	3.87	4.00	4.13	3.99	4.08	4.21	4.35	4.16	4.25	4.39	4.54	4.30	4.40	4.54	4.70	
		AMPS	14.9	15.2	15.6	16.1	15.9	16.2	16.7	17.2	17.1	17.4	18.0	18.5	18.1	18.5	19.0	19.7	19.1	19.6	20.1	20.8	20.2	20.6	21.2	22.0	
		HI PR	169	182	193	201	190	205	216	225	216	233	246	256	246	265	280	292	277	298	315	328	306	329	348	363	
		LO PR	65	69	76	81	69	73	80	85	72	76	83	88	75	80	87	93	79	84	91	97	81	87	95	101	
	1500	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	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.59	
		Delta T	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	3.31	3.38	3.48	3.59	3.56	3.64	3.75	3.87	3.78	3.86	3.99	4.12	3.98	4.07	4.20	4.34	4.15	4.24	4.38	4.53	4.29	4.39	4.53	4.69	
		AMPS	14.8	15.1	15.6	16.1	15.8	16.2	16.6	17.2	17.0	17.4	17.9	18.5	18.1	18.5	19.0	19.6	19.1	19.5	20.1	20.8	20.1	20.5	21.2	21.9	
		HI PR	169	182	192	200	190	204	215	225	216	232	245	255	246	264	279	291	276	297	314	327	305	328	347	362	
	1400	LO PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	86	94	100	
		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	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.77	0.57	
		Delta T	26	25	22	17	27	25	22	18	27	25	22	18	27	26	22	18	26	25	22	18	25	24	21	16	
		KW	3.26	3.33	3.44	3.54	3.51	3.59	3.70	3.82	3.73	3.81	3.93	4.06	3.92	4.01	4.14	4.28	4.09	4.18	4.32	4.46	4.23	4.32	4.47	4.62	
		AMPS	14.6	14.9	15.3	15.8	15.6	16.0	16.4	17.0	16.8	17.2	17.7	18.2	17.8	18.2	18.7	19.4	18.8	19.2	19.8	20.5	19.8	20.3	20.9	21.6	
		HI PR	166	179	189	197	186	201	212	221	212	228	241	251	241	260	274	286	272	292	309	322	300	323	341	356	
		LO PR	64	68	74	79	67	72	78	83	70	75	81	87	74	78	86	91	77	82	90	95	80	85	93	99	

85	1600	MBh	47.6	48.5	50.8	54.2	46.5	47.4	49.6	52.9	45.3	46.2	48.4	51.6	44.2	45.1	47.2	50.4	42.0	42.8	44.9	47.9	38.9	39.7	41.6	44.3
		S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
		Delta T	27	26	25	21	27	26	25	22	26	26	25	22	25	26	25	22	24	25	25	21	22	23	23	20
		KW	3.34	3.41	3.52	3.63	3.60	3.67	3.79	3.92	3.82	3.91	4.03	4.17	4.02	4.11	4.25	4.39	4.19	4.28	4.43	4.58	4.34	4.43	4.58	4.74
		AMPS	15.0	15.3	15.7	16.2	16.0	16.3	16.8	17.4	17.2	17.6	18.1	18.7	18.3	18.7	19.2	19.9	19.3	19.7	20.3	21.0	20.3	20.8	21.4	22.1
		HI PR	171	184	194	203	192	207	218	228	218	235	248	259	249	268	283	295	280	301	318	332	309	333	351	366
	1500	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
		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	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77
		Delta T	27	27	26	22	28	27	26	22	28	27	26	22	27	27	26	23	26	26	26	22	24	24	24	21
		KW	3.33	3.40	3.51	3.62	3.59	3.67	3.78	3.91	3.81	3.90	4.02	4.16	4.01	4.10	4.24	4.38	4.18	4.27	4.42	4.56	4.33	4.42	4.57	4.73
		AMPS	14.9	15.2	15.7	16.2	16.0	16.3	16.8	17.3	17.2	17.5	18.1	18.7	18.2	18.6	19.2	19.8	19.2	19.7	20.3	21.0	20.3	20.7	21.3	22.1
	1400	HI PR	171	184	194	202	191	206	218	227	218	234	247	258	248	267	282	294	279	300	317	331	308	332	350	365
		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	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	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.74
		Delta T	28	27	26	22	28	28	26	23	28	28	26	23	28	28	27	23	27	27	26	23	25	25	24	21
		KW	3.29	3.36	3.46	3.57	3.54	3.61	3.73	3.85	3.76	3.84	3.97	4.10	3.96	4.04	4.17	4.31	4.12	4.21	4.35	4.50	4.27	4.36	4.51	4.66
		AMPS	14.7	15.0	15.5	16.0	15.8	16.1	16.5	17.1	16.9	17.3	17.8	18.4	18.0	18.3	18.9	19.5	19.0	19.4	20.0	20.7	20.0	20.4	21.0	21.8
		HI PR	168	180	191	199	188	203	214	223	214	230	243	254	244	262	277	289	274	295	312	325	303	326	344	359
		LO PR	64	69	75	80	68	72	79	84	71	75	82	88	74	79	86	92	78	83	91	96	81	86	94	100

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

COOLING PERFORMANCE DATA

PGD48

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL PGD60C

COOLING PERFORMANCE DATA

			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	1900	MBh	56.7	58.8	64.4	-	55.4	57.4	62.9	-	54.1	56.0	61.4	-	52.7	54.7	59.9	-	50.1	51.9	56.9	-	46.4	48.1	52.7	-
		S/T	0.71	0.60	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	-	18	16	12	-
		KW	4.37	4.46	4.60	-	4.70	4.80	4.95	-	4.99	5.09	5.25	-	5.24	5.35	5.52	-	5.45	5.57	5.75	-	5.64	5.76	5.95	-
		AMPS	18.9	19.3	19.8	-	20.2	20.6	21.2	-	21.7	22.1	22.8	-	23.0	23.5	24.2	-	24.3	24.8	25.5	-	25.5	26.1	26.9	-
		HI PR	167	179	189	-	187	201	212	-	213	229	242	-	242	261	275	-	272	293	310	-	301	324	342	-
	LO PR	62	66	72	-	66	70	76	-	68	72	79	-	72	76	83	-	75	80	87	-	78	82	90	-	
	1750	MBh	56.1	58.2	63.7	-	54.8	56.8	62.3	-	53.5	55.5	60.8	-	52.2	54.1	59.3	-	49.6	51.4	56.3	-	45.9	47.6	52.2	-
		S/T	0.70	0.58	0.40	-	0.72	0.61	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.80	0.67	0.46	-
		Delta T	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-
		KW	4.36	4.45	4.59	-	4.69	4.79	4.93	-	4.97	5.08	5.24	-	5.23	5.34	5.51	-	5.44	5.56	5.74	-	5.63	5.75	5.93	-
		AMPS	18.9	19.2	19.8	-	20.1	20.6	21.1	-	21.6	22.1	22.7	-	22.9	23.4	24.1	-	24.2	24.7	25.5	-	25.5	26.0	26.8	-
		HI PR	166	179	189	-	186	201	212	-	212	228	241	-	241	260	274	-	272	292	309	-	300	323	341	-
	LO PR	62	66	72	-	65	69	76	-	68	72	79	-	71	76	83	-	75	79	87	-	77	82	90	-	
	1600	MBh	55.3	57.3	62.8	-	54.0	56.0	61.3	-	52.7	54.6	59.9	-	51.4	53.3	58.4	-	48.9	50.6	55.5	-	45.3	46.9	51.4	-
		S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.77	0.65	0.45	-
		Delta T	21	19	14	-	22	19	14	-	22	19	14	-	22	19	14	-	22	19	14	-	20	17	13	-
		KW	4.31	4.40	4.53	-	4.63	4.72	4.87	-	4.91	5.01	5.17	-	5.15	5.26	5.43	-	5.37	5.48	5.66	-	5.55	5.67	5.85	-
		AMPS	18.6	19.0	19.5	-	19.9	20.3	20.9	-	21.3	21.8	22.4	-	22.6	23.1	23.8	-	23.9	24.4	25.1	-	25.1	25.7	26.4	-
		HI PR	163	176	186	-	183	197	208	-	208	224	237	-	237	255	270	-	267	287	303	-	295	318	335	-
	LO PR	61	65	71	-	64	68	75	-	67	71	77	-	70	75	81	-	73	78	85	-	76	81	88	-	
75	1900	MBh	57.7	59.4	64.3	69.0	56.3	58.0	62.8	67.4	55.0	56.6	61.3	65.8	53.6	55.2	59.8	64.1	50.9	52.5	56.8	60.9	47.2	48.6	52.6	56.4
		S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.38	0.89	0.80	0.60	0.39	0.92	0.83	0.62	0.40	0.93	0.83	0.63	0.41
		Delta T	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11
		KW	4.41	4.50	4.64	4.78	4.74	4.84	4.99	5.14	5.03	5.13	5.30	5.47	5.28	5.40	5.57	5.75	5.50	5.62	5.80	5.99	5.69	5.81	6.00	6.20
		AMPS	19.0	19.4	20.0	20.6	20.3	20.8	21.4	22.1	21.9	22.3	23.0	23.7	23.2	23.7	24.4	25.2	24.5	25.0	25.7	26.6	25.8	26.3	27.1	28.0
		HI PR	168	181	191	200	189	203	215	224	215	231	244	255	245	263	278	290	275	296	313	326	304	327	346	360
	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	
	1750	MBh	57.1	58.8	63.6	68.3	55.8	57.4	62.1	66.7	54.4	56.0	60.7	65.1	53.1	54.7	59.2	63.5	50.4	51.9	56.2	60.3	46.7	48.1	52.1	55.9
		S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.82	0.62	0.40
		Delta T	24	22	18	12	24	22	18	13	24	22	18	13	24	22	18	13	24	22	18	12	22	21	17	12
		KW	4.40	4.49	4.63	4.77	4.73	4.82	4.97	5.13	5.01	5.12	5.28	5.45	5.27	5.38	5.55	5.74	5.49	5.60	5.79	5.98	5.67	5.80	5.98	6.18
		AMPS	19.0	19.4	19.9	20.6	20.3	20.7	21.3	22.0	21.8	22.3	22.9	23.7	23.1	23.6	24.3	25.1	24.4	24.9	25.7	26.6	25.7	26.3	27.1	28.0
		HI PR	168	181	191	199	188	203	214	223	214	230	243	254	244	263	277	289	274	295	312	325	303	326	345	359
	LO PR	62	66	73	77	66	70	77	82	69	73	80	85	72	77	84	89	75	80	88	93	78	83	91	97	
	1600	MBh	56.2	57.9	62.7	67.3	54.9	56.5	61.2	65.7	53.6	55.2	59.7	64.1	52.3	53.9	58.3	62.6	49.7	51.2	55.4	59.4	46.0	47.4	51.3	55.1
		S/T	0.77	0.69	0.52	0.33	0.79	0.71	0.54	0.35	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.88	0.79	0.60	0.38
		Delta T	25	23	19	13	25	23	19	13	25	23	19	13	25	23	19	13	25	23	19	13	23	21	18	12
		KW	4.34	4.43	4.56	4.71	4.66	4.76	4.91	5.06	4.95	5.05	5.21	5.38	5.20	5.31	5.48	5.66	5.41	5.53	5.70	5.89	5.59	5.71	5.90	6.10
		AMPS	18.8	19.1	19.7	20.3	20.0	20.4	21.0	21.7	21.5	22.0	22.6	23.3	22.8	23.3	24.0	24.8	24.1	24.6	25.3	26.2	25.3	25.9	26.7	27.6
		HI PR	165	178	187	196	185	199	210	219	211	227	239	250	240	258	272	284	270	290	307	320	298	321	339	353
	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 ACCA (TVA) conditions

PGD60

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL PGD60C

			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	1900	MBh	58.7	60.0	64.1	68.5	57.3	58.6	62.6	66.9	55.9	57.2	61.1	65.3	54.6	55.8	59.6	63.7	51.9	53.0	56.6	60.5	48.0	49.1	52.4	56.1
		S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.53	0.94	0.89	0.72	0.54	0.98	0.91	0.74	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58
		Delta T	25	24	21	17	26	24	21	17	26	25	21	17	26	25	21	17	25	24	21	17	23	23	20	16
		KW	4.44	4.53	4.67	4.82	4.77	4.87	5.03	5.19	5.07	5.17	5.34	5.51	5.32	5.44	5.61	5.80	5.54	5.66	5.85	6.04	5.73	5.86	6.05	6.25
		AMPS	19.2	19.6	20.1	20.8	20.5	20.9	21.5	22.2	22.0	22.5	23.2	23.9	23.4	23.9	24.6	25.4	24.7	25.2	26.0	26.8	26.0	26.5	27.3	28.3
		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	63	67	73	78	67	71	78	83	69	74	81	86	73	78	85	90	76	81	89	95	79	84	92	98	
	1750	MBh	58.1	59.4	63.4	67.8	56.7	58.0	62.0	66.2	55.4	56.6	60.5	64.6	54.0	55.2	59.0	63.1	51.3	52.5	56.1	59.9	47.6	48.6	51.9	55.5
		S/T	0.87	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57
		Delta T	27	26	22	18	27	26	22	18	27	26	22	18	27	26	23	18	27	26	22	18	25	24	21	17
		KW	4.43	4.52	4.66	4.81	4.76	4.86	5.01	5.17	5.05	5.16	5.33	5.50	5.31	5.43	5.60	5.78	5.53	5.65	5.83	6.03	5.72	5.84	6.03	6.24
		AMPS	19.1	19.5	20.1	20.7	20.5	20.9	21.5	22.2	22.0	22.4	23.1	23.9	23.3	23.8	24.5	25.3	24.6	25.2	25.9	26.8	25.9	26.5	27.3	28.2
		HI PR	170	182	193	201	190	205	216	225	216	233	246	256	246	265	280	292	277	298	315	329	306	330	348	363
	LO PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	85	90	76	81	89	94	79	84	92	98	
	1600	MBh	57.2	58.5	62.5	66.8	55.9	57.1	61.0	65.2	54.6	55.8	59.6	63.7	53.2	54.4	58.1	62.1	50.6	51.7	55.2	59.0	46.8	47.9	51.1	54.7
		S/T	0.84	0.79	0.64	0.48	0.87	0.82	0.67	0.50	0.89	0.84	0.68	0.51	0.92	0.87	0.70	0.53	0.96	0.90	0.73	0.55	0.97	0.91	0.74	0.55
		Delta T	28	26	23	18	28	27	23	19	28	27	23	19	28	27	24	19	28	27	23	19	26	25	22	17
		KW	4.38	4.46	4.60	4.74	4.70	4.80	4.95	5.10	4.99	5.09	5.25	5.42	5.24	5.35	5.52	5.70	5.45	5.57	5.75	5.94	5.64	5.76	5.95	6.15
AMPS		18.9	19.3	19.8	20.4	20.2	20.6	21.2	21.9	21.7	22.1	22.8	23.5	23.0	23.5	24.2	25.0	24.3	24.8	25.5	26.4	25.5	26.1	26.9	27.8	
HI PR		167	179	189	198	187	201	212	222	213	229	242	252	242	261	275	287	272	293	310	323	301	324	342	357	
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		
85	1900	MBh	59.7	60.9	63.7	68.0	58.3	59.4	62.3	66.4	56.9	58.0	60.8	64.8	55.5	56.6	59.3	63.3	52.8	53.8	56.3	60.1	48.9	49.8	52.2	55.7
		S/T	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.76
		Delta T	27	26	25	22	27	27	25	22	27	27	25	22	27	27	26	22	26	26	25	22	24	24	24	20
		KW	4.48	4.57	4.71	4.86	4.81	4.91	5.07	5.23	5.11	5.22	5.38	5.56	5.37	5.48	5.66	5.84	5.59	5.71	5.90	6.09	5.78	5.91	6.10	6.30
		AMPS	19.3	19.7	20.3	20.9	20.7	21.1	21.7	22.4	22.2	22.7	23.3	24.1	23.5	24.1	24.8	25.6	24.9	25.4	26.2	27.1	26.2	26.8	27.6	28.5
		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	64	68	74	79	68	72	78	84	70	75	81	87	74	78	86	91	77	82	90	96	80	85	93	99	
	1750	MBh	59.1	60.3	63.1	67.3	57.7	58.9	61.6	65.8	56.4	57.5	60.2	64.2	55.0	56.1	58.7	62.6	52.2	53.2	55.8	59.5	48.4	49.3	51.7	55.1
		S/T	0.91	0.88	0.80	0.65	0.95	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74
		Delta T	28	28	26	23	29	28	27	23	29	28	27	23	29	28	27	23	27	28	27	23	25	26	25	21
		KW	4.47	4.56	4.70	4.85	4.80	4.90	5.05	5.22	5.09	5.20	5.37	5.54	5.35	5.47	5.65	5.83	5.58	5.70	5.88	6.08	5.77	5.89	6.08	6.29
		AMPS	19.3	19.7	20.2	20.9	20.6	21.0	21.6	22.4	22.2	22.6	23.3	24.1	23.5	24.0	24.7	25.5	24.8	25.4	26.1	27.0	26.1	26.7	27.5	28.5
		HI PR	171	184	195	203	192	207	218	228	219	235	248	259	249	268	283	295	280	301	318	332	309	333	352	367
	LO PR	64	68	74	79	67	72	78	83	70	74	81	87	73	78	85	91	77	82	89	95	80	85	93	99	
	1600	MBh	58.2	59.4	62.2	66.3	56.9	58.0	60.7	64.8	55.5	56.6	59.3	63.2	54.2	55.2	57.8	61.7	51.5	52.5	54.9	58.6	47.7	48.6	50.9	54.3
		S/T	0.88	0.85	0.77	0.62	0.91	0.88	0.80	0.65	0.94	0.90	0.82	0.66	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.98	0.88	0.71
		Delta T	29	29	27	24	30	29	28	24	30	29	28	24	30	30	28	24	30	29	28	24	27	27	26	22
		KW	4.41	4.50	4.64	4.78	4.74	4.84	4.99	5.14	5.03	5.13	5.29	5.47	5.28	5.39	5.57	5.75	5.50	5.62	5.80	5.99	5.69	5.81	6.00	6.20
AMPS		19.0	19.4	20.0	20.6	20.3	20.8	21.4	22.0	21.9	22.3	23.0	23.7	23.2	23.7	24.4	25.2	24.5	25.0	25.7	26.6	25.8	26.3	27.1	28.0	
HI PR		168	181	191	199	189	203	215	224	215	231	244	255	245	263	278	290	275	296	313	326	304	327	346	360	
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		

* 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.

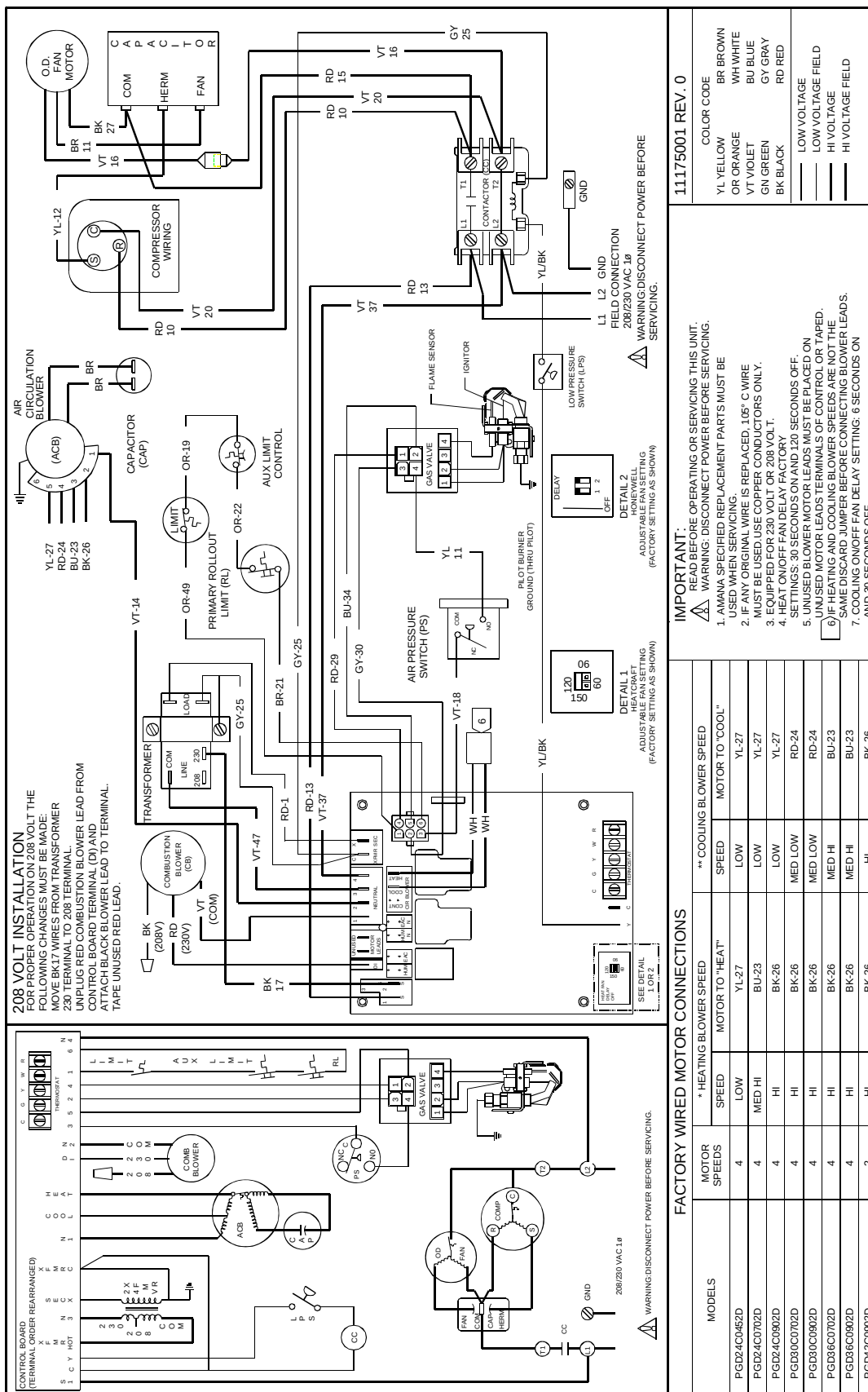
WIRING DIAGRAMS

PGD24-42C***02D (Manufacturing Numbers P1204301-08C & P1222301-08C)



WARNING

TO AVOID PERSONAL INJURY OR DEATH DUE TO ELECTRICAL SHOCK, DISCONNECT THE POWER BEFORE SERVICING.



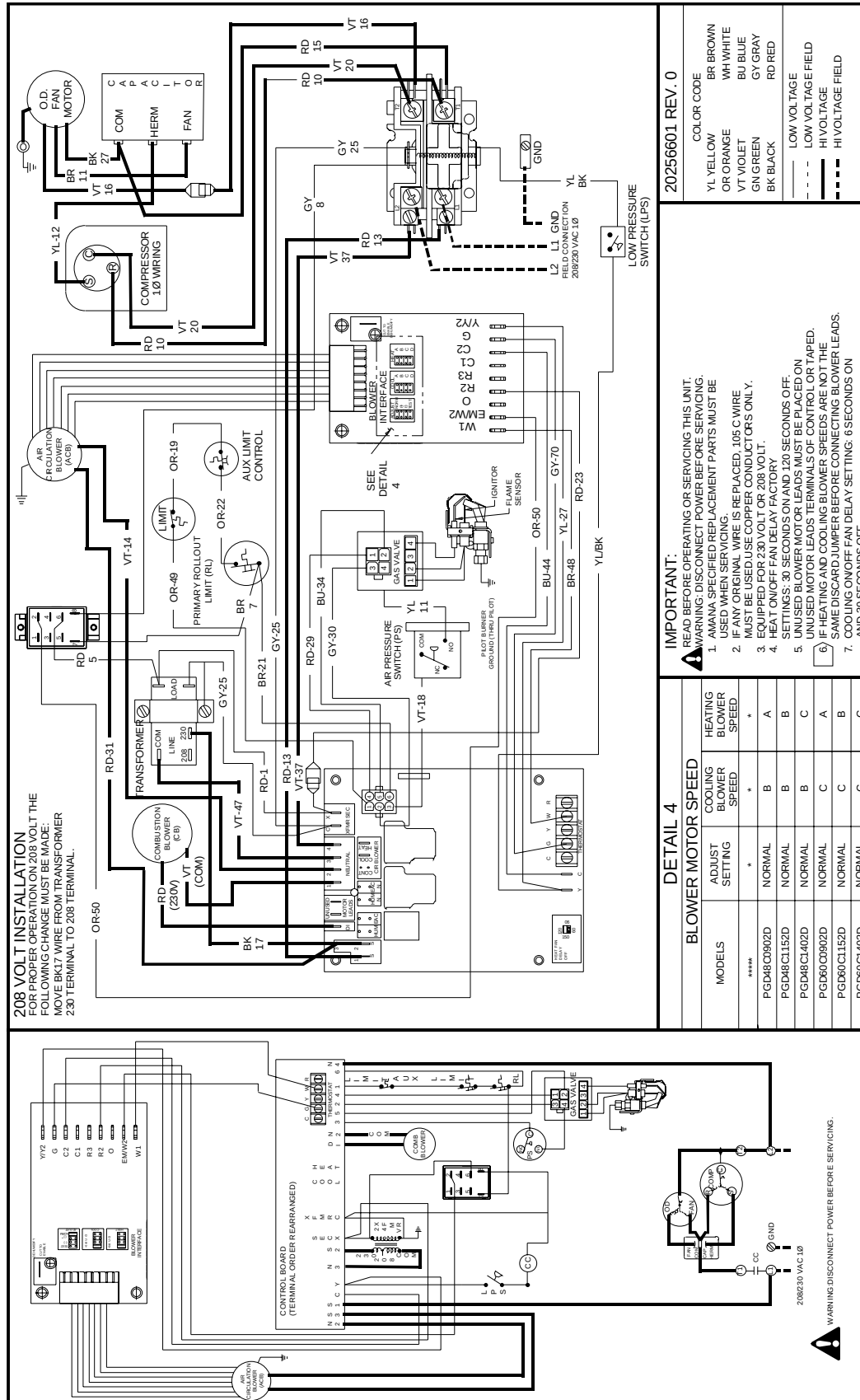
WIRING DIAGRAMS

PGD42-60C***02D (Manufacturing Numbers P1231402-07C)



WARNING

TO AVOID PERSONAL INJURY OR DEATH DUE TO ELECTRICAL SHOCK, DISCONNECT THE POWER BEFORE SERVICING.

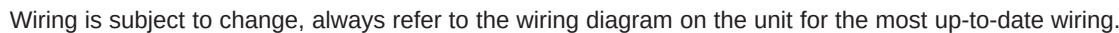


Wiring is subject to change, always refer to the wiring diagram on the unit for the most up-to-date wiring.

PGD24-42C***02E (Manufacturing Numbers P1232001-08C & P1236501-08C)
PGD24-42C***02G (Manufacturing Numbers P1236514-21C & P1236522-29C)



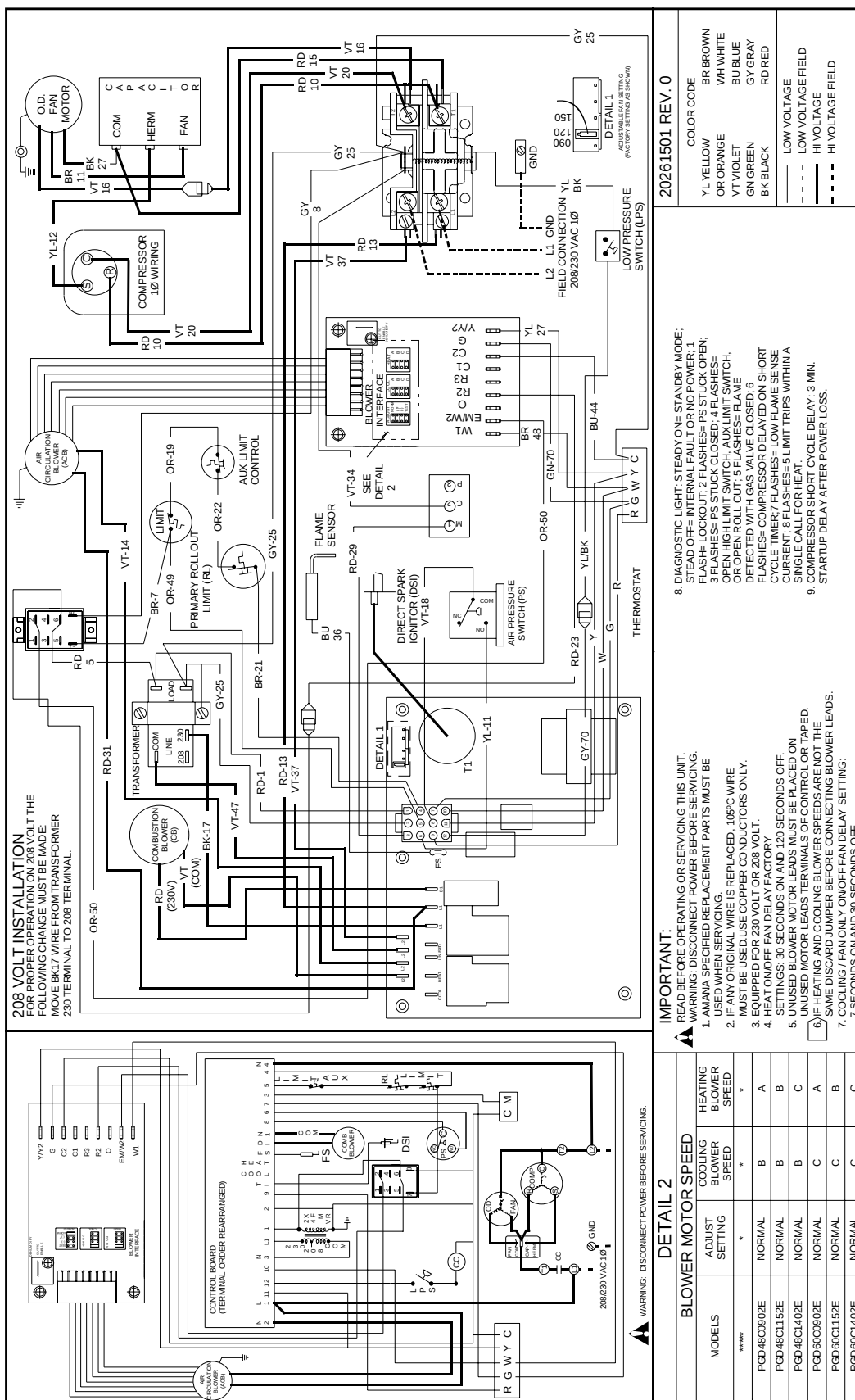
TO AVOID PERSONAL INJURY OR DEATH DUE TO ELECTRICAL SHOCK, DISCONNECT THE POWER BEFORE SERVICING.



PGD48-60C***02E (Manufacturing Numbers P1232102-07C)



TO AVOID PERSONAL INJURY OR DEATH DUE TO ELECTRICAL SHOCK, DISCONNECT THE POWER BEFORE SERVICING.

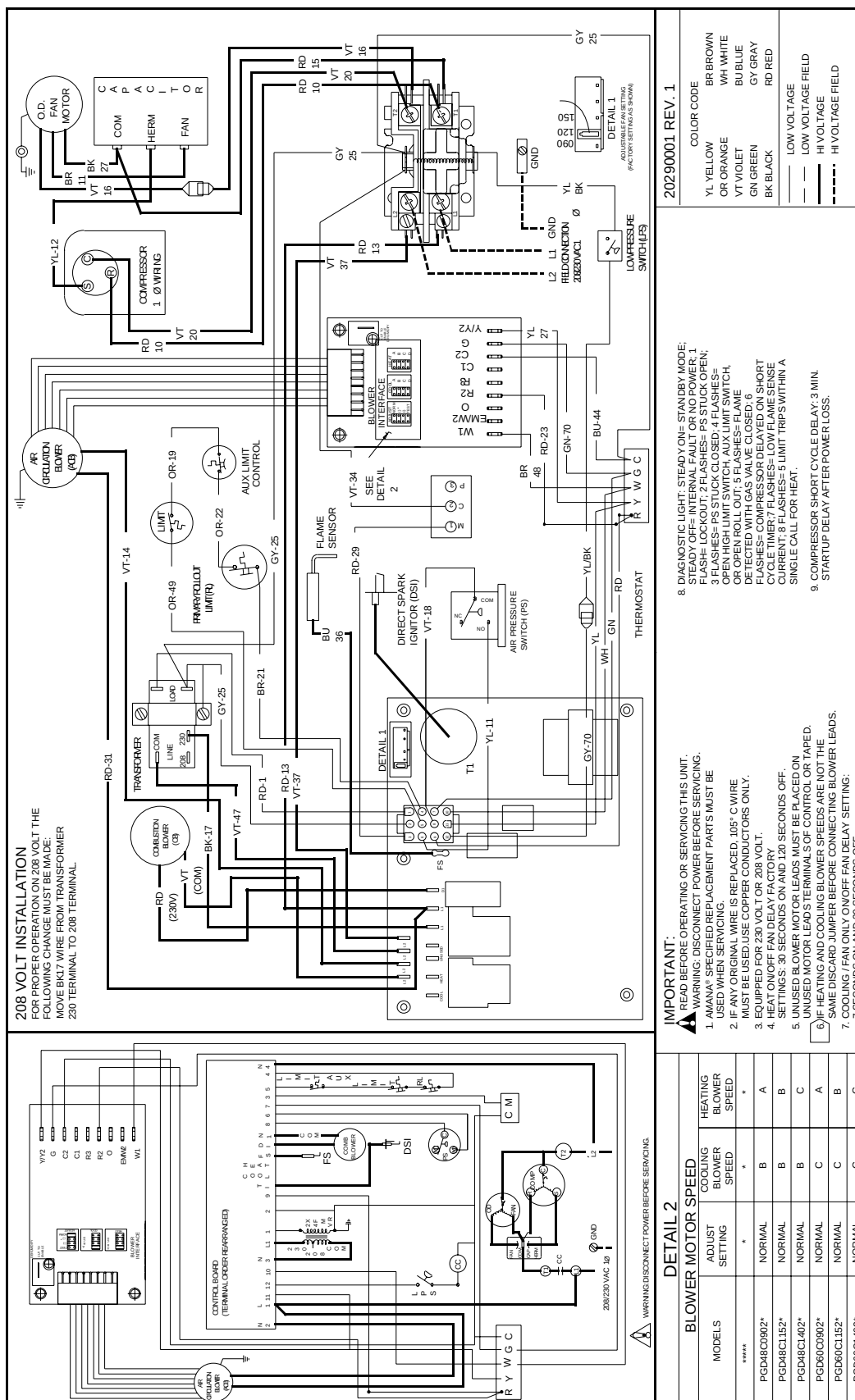


Wiring is subject to change, always refer to the wiring diagram on the unit for the most up-to-date wiring.

PGD48-60C***02E (Manufacturing Numbers P1232102-07C & P1236602-07C)
PGD48C***02G (Manufacturing Numbers P1236608-10C)



TO AVOID PERSONAL INJURY OR DEATH DUE TO ELECTRICAL SHOCK, DISCONNECT THE POWER BEFORE SERVICING.



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

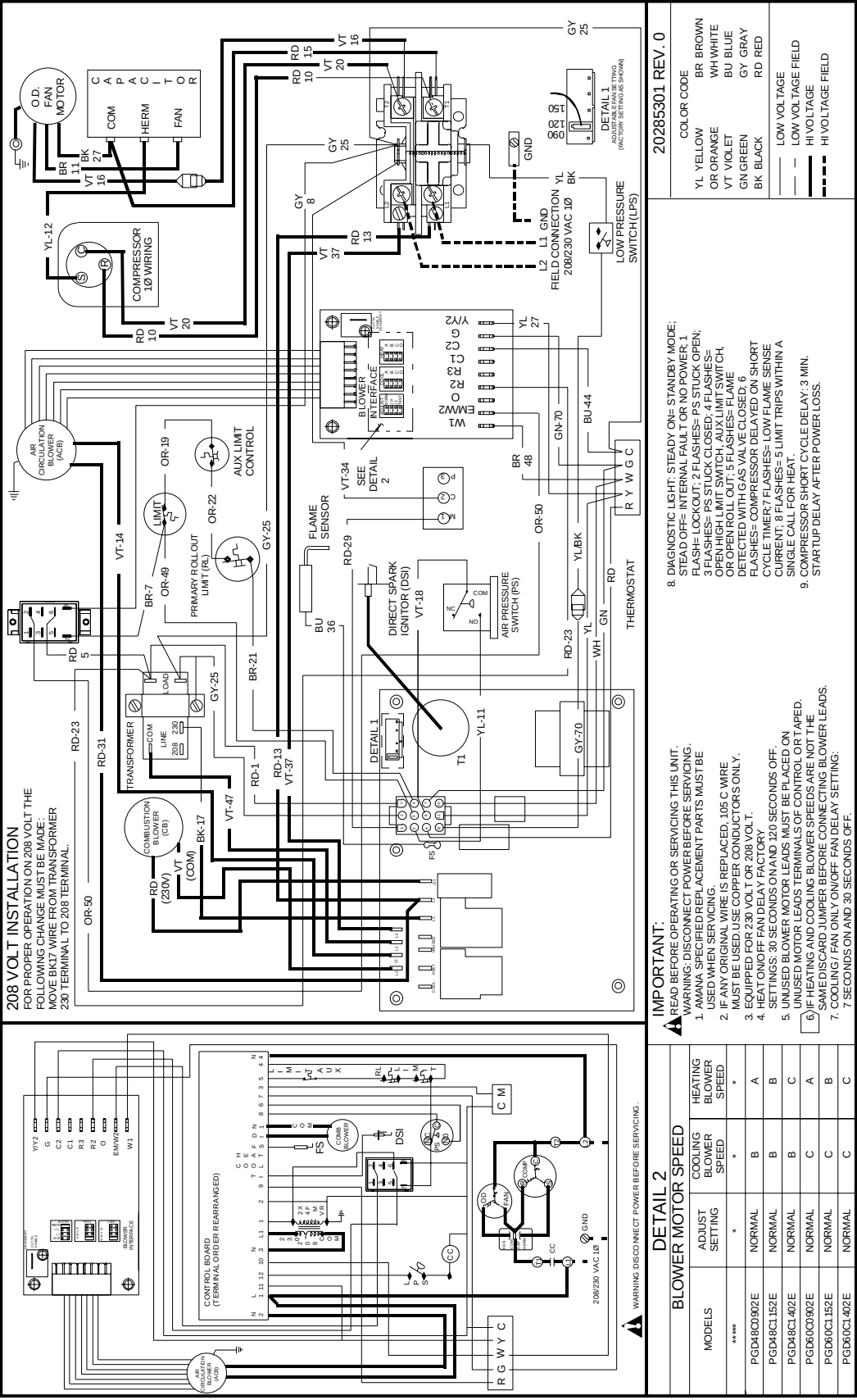
WIRING DIAGRAMS

PGD48-60C***02E (Manufacturing Numbers P1232102-07C)



WARNING

TO AVOID PERSONAL INJURY OR DEATH DUE TO ELECTRICAL SHOCK, DISCONNECT THE POWER BEFORE SERVICING.



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