XPG20

DAVE LENNOX *SIGNATURE*® COLLECTION

Solar-Assist - R-410A - Two-Stage Compressor

ENGINEERING DATA

Bulletin No. 210527
November 2009
Supersedes October 2009

SunSource™

ENERGY STAR

SEER up to 18.2
3 to 5 Tons
Cooling Capacity - 35,000 to 59,500 Btuh
Heating Capacity - 32,600 to 57,500 Btuh

MODEL NUMBER IDENTIFICATION

X P G 20 - 036 - 230 - 2

Refrigerant Type
X = R-410A

Unit Type
P = Heat Pump Outdoor Unit

G = Green Technology

Series

Nominal Cooling Capacity
036 = 3 tons
048 = 4 tons
060 = 5 tons

Voltage
230 = 208/230V-1phase-60hz

Minor Revision Number

FEATURES

CONTENTS

SOLAR-ASSIST HEAT PUMP OVERVIEW

Patent-pending solar-assist technology uses a combination of solar energy and electricity to reduce peak demand on home electric usage

Required system components consists of XPG20 heat pump outdoor unit, 205W solar module with mounting hardware and a remotely installed air handler, indoor coil, or indoor coil with gas furnace.

NOTE - All components must be ordered separately.

During peak daylight hours, the SunSource™ comfort system gets help from a solar module to provide heating and cooling. It uses renewable solar energy to power the outdoor fan motor, reducing the utility company provided electricity needed for operation.

The solar-assist increases the system efficiency, reducing the power consumed by as much as 8%.

SunSource™ makes use of all available solar energy to reduce electric consumption - full sun is not a requirement.

On days with limited sun exposure, SunSource™ continues to operate efficiently using metered electricity provided by your electric company.

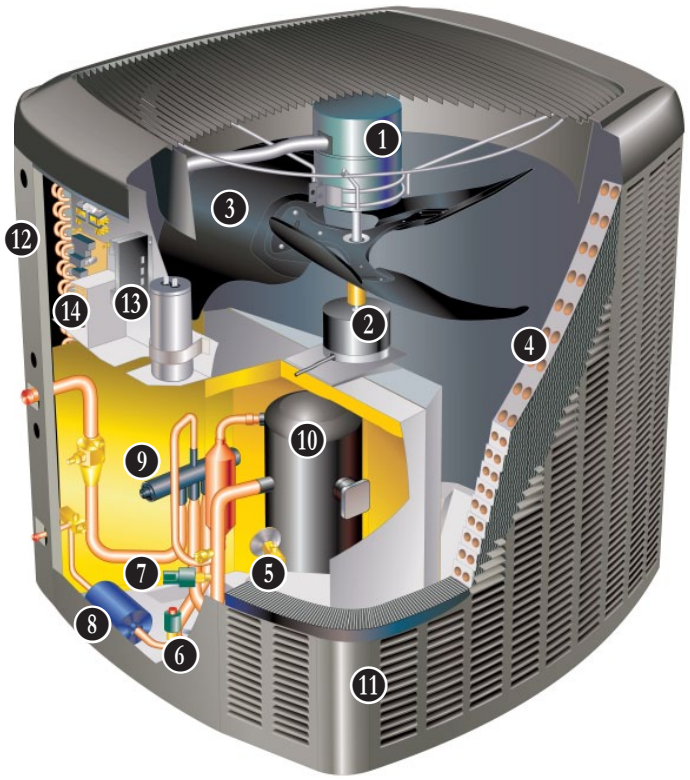
EQUIPMENT WARRANTY

Compressor - limited warranty for **ten years** in residential installations and five years in non-residential installations.

All other covered components - ten years in residential installations and one year in non-residential installations.

Refer to Lennox Equipment Limited Warranty certificate included with unit for specific details.

Solar module warranted by module manufacturer.



APPROVALS

Certified in accordance with USE certification program which is based on AHRI Standard 210/240-2008.

Sound rated in Lennox reverberant sound test room in accordance with test conditions included in AHRI Standard 270-2008.

Tested in the Lennox Research Laboratory environmental test room.

Rated according to U.S. Department of Energy (DOE) test procedures.

Heat pumps and components within bonded for grounding to meet safety standards for servicing required by UL, NEC and CEC.

Units are UL and ULC listed.

ISO 9001 Registered Manufacturing Quality System.

ENERGY STAR® certified units are designed to use less energy, help save money on utility bills, and help protect the environment.

For expanded ratings, see **www.lennoxdavenet.com**.

FEATURES

APPLICATIONS

SEER up to 18.20 (without solar-assist).

HSPF (region IV) up to 9.70 (without solar-assist).

3 to 5 ton

Single phase power supply.

Sound levels as low as 72 dBA.

Vertical air discharge allows concealment behind shrubs at grade level or out of sight on a roof.

Designed for applications with remotely located indoor air handlers or add-on indoor coils See Indoor Coils and Air Handlers sections for indoor unit data.

Units shipped completely factory assembled, piped, and wired. Each unit is test operated at the factory insuring proper operation.

Installer must set heat pump, connect refrigerant lines, and make electrical and solar module connections to complete job.

REFRIGERATION SYSTEM

R-410A Refrigerant

Non-chlorine, ozone friendly, R-410A.

Unit is factory pre-charged with refrigerant. Total system refrigerant charge is dependant on outdoor unit size, indoor unit size and refrigerant line length. Refer to *"Installation Instructions for Indoor Unit Match-Up and Sub-Cooling Charge Levels*" to determine correct amount of charge required.

See Specification table.

1 Outdoor Fan Motors with Solar-Assist Technology

Patent-pending solar-assist technology uses two electronically commutated motors (ECM), one AC powered the other DC powered.

An AC powered, variable-speed outdoor fan motor for quiet operation and a 24VDC Electronically Commutated Motor (ECM) directly coupled to each other.

2 The DC motor is wired to the output of the single solar module. When the solar module produces electricity and the heat pump fan is running, the DC motor applies a torque on the fan shaft and reduces the load of the AC motor.

The inverter controls in the AC motor sense the reduction in load and reduces the power the AC motor uses. The more sunlight that is available the more assist the DC motor will produce, and the less utility power is consumed by the AC motor.

Motors are totally enclosed for maximum protection from weather, dust and corrosion.

Fan service access accomplished by removal of fan guard.

Both the fan motors are inherently protected.

3 Outdoor Fan with SilentComfort™ Technology

Specially-designed, SilentComfort fan guard uses Passive Vortex Suppression to reduce air noise.

Constructed of corrosion-resistant PVC (polyvinyl chloride) coated steel.

Specially designed fan blades reduce operating sound levels.

Direct drive fan moves large air volumes uniformly through entire outdoor coil for high refrigerant cooling capacity.

Vertical air discharge minimizes operating sounds and eliminates damage to lawn and shrubs.

4 Copper Tube/Enhanced Fin Coil

Lennox designed and fabricated coil.

Ripple-edged aluminum fins.

Copper tube construction.

Lanced fins provide maximum exposure of fin surface to air stream resulting in excellent heat transfer.

Fin collars grip tubing for maximum contact area.

Inverted coil circuiting prevents ice buildup at coil base in low ambients. Discharge gas enters bottom of coil during defrost and heat of refrigerant flows counter to water drainage resulting in extremely clean and unobstructed fins and tubes.

Fin spacing allows rapid and complete water drainage.

Flared shoulder tubing connections/silver soldering construction.

Coil is factory tested under high pressure to insure leakproof construction.

Entire coil is accessible for cleaning.

5 Expansion Valve - Outdoor Unit

Designed and sized specifically for use in heat pump system.

Sensing bulb is located on the suction line between reversing valve and compressor thus sensing suction temperature in any cycle.

Factory installed and piped.

Discharge Temperature Switch

Shuts off unit if operating conditions cause the compressor discharge line temperature to rise above set point.

Protects compressor from excessive pressure / temperature.

Automatic reset when temperature drops below set point.

6 High Pressure Switch

Shuts off unit if abnormal operating conditions cause the discharge pressure to rise above setting.

Protects compressor from excessive condensing pressure.

Manual reset.

FEATURES

REFRIGERATION SYSTEM (CONTINUED)

7 Low Pressure Switch

Shuts off unit if suction pressure falls below setting.

Provides loss of charge and freeze-up protection.

Automatic reset.

8 Hi-Capacity Liquid Line Drier

Factory installed in the liquid line, the drier traps moisture or dirt that could contaminate the refrigerant system.

100% molecular-sieve bead type drier.

9 Reversing Valve

4-way interchange reversing valve effects a rapid change in direction of refrigerant flow resulting in quick changeover from cooling to heating and vice versa.

Valve operates on pressure differential between outdoor unit and indoor unit of the system.

Factory installed.

OPTIONS

Expansion Valve Kits

Must be ordered extra and field installed on certain indoor units. See Expansion Valve Kit Usage Table.

Chatleff style fitting.

Freezestat

Installs on or near the discharge line of the evaporator or on the suction line.

Senses suction line temperature and cycles the compressor off when suction line temperature falls below it's set point.

Opens at 29°F and closes at 58°F.

Refrigerant Line Kits

Refrigerant lines (suction & liquid) are cleaned, dried, pressurized, and sealed at factory.

Suction line fully insulated.

L15 lines are stubbed at both ends.

See Specifications table for selection.

SOLAR-ASSIST

REQUIRED COMPONENTS - ORDERED SEPARATELY

Solar Module

The Lennox SunSource solar-assisted heat pump utilizes a single solar module to offset the utility power consumed by the outdoor fan motor.

A photo-voltaic (solar) module converts sunlight into electricity. The sunlight excites electrons and the circuit in the solar module creates a path for the electrons to flow. This flow of electrons is electricity.

The output of a solar module is proportional to the sunlight intensity. As the sunlight intensity increases so does the current and voltage.

High efficient, multi-crystal photo-voltaic module.

Solar efficiency of the solar cell is over 16%.

Cells are encapsulated between a tempered glass cover and a pottant with backsheet to provide efficient protection from the elements. The entire laminate is installed in an anodized aluminum frame to provide structural strength and ease of installation.

Module needs to be installed in full sun light. Any shade on any of the cells can significantly decrease performance.

Module should be mounted so that it faces southwest and tilted at an angle that is equal to 2/3's of the local latitude.

Module must be securely fastened with frames or mounting hardware designed for photo-voltaic module applications.

Module is equipped with "+" and "-" MC4 connectors for wiring the solar module to the heat pump. See Field Wiring and Installation Instructions for details on wiring.

Module is UL1703 listed.

See Specifications table for electrical information.

MC Connector Wire

Wire for solar module connection

12 ga., 10 feet in length

One end has female MC4 (multi-contact) connector, the other end has a male MC4 connector.

Weatherproof Electrical Enclosure Kit

For field connections of the solar module.

Terminal bus bars, DC GFI and 15A DC disconnect installed in a weatherproof enclosure.

Solar Module Mounting Kits

Module should be mounted facing southwest when possible.

Trees, buildings, etc. should not shade module. Even partial shading of one cell of the module can reduce the output of the module by 50%.

Modules should be mounted with proper gap for ventilation air to flow under the module for cooling.

Stainless Steel hardware (nuts and bolts) is recommended.

Two Mounting Kits are available; one pole mount and one roof mount.

See Specifications table for catalog numbers.

NOTE - Pole for pole mount kit is not furnished and must be field supplied. Pole Mount Kit is intended for a 2-1/2 inch, schedule 40 steel pole, outside diameter 2-7/8 inches and includes U-bolts and necessary mounting hardware.

⑩ COMPRESSOR

Copeland Scroll Ultra Tech™ Two-Stage Compressor

Compressor features high efficiency with uniform suction flow, constant discharge flow and high volumetric efficiency and quiet operation.

Compressor consists of two involute spiral scrolls matched together to generate a series of crescent shaped gas pockets between them.

During compression, one scroll remains stationary while the other scroll orbits around it.

Gas is drawn into the outer pocket, the pocket is sealed as the scroll rotates.

As the spiral movement continues, gas pockets are pushed to the center of the scrolls. Volume between the pockets is simultaneously reduced.

When pocket reaches the center, gas is now at high pressure and is forced out of a port located in the center of the fixed scrolls.

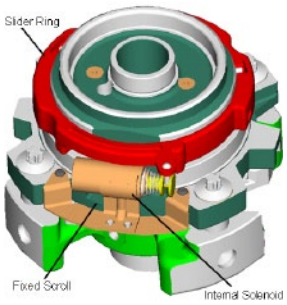
During compression, several pockets are compressed simultaneously resulting in a smooth continuous compression cycle.

Continuous flank contact, maintained by centrifugal force, minimizes gas leakage and maximizes efficiency.

Scroll compressor is tolerant to the effects of slugging and contaminants. If this occurs, scrolls separate, allowing liquid or contaminants to be worked toward the center and discharged.

On the fixed scroll there are two bypass ports in the first suction pocket.

On the outside of the fixed scroll there is a “slider ring” that is controlled by an internal solenoid that will rotate and cover the bypass ports. When the thermostat calls for first-stage cooling, the bypass ports are open and the compressor operates at 67% capacity, creating more cost-effective and efficient compressor operation.



The bypassed refrigerant is returned to the compressor housing through the bypass ports.

When the thermostat calls for second-stage cooling, the internal solenoid is energized, the slider ring rotates and covers the bypass ports, and the compressor operates at full capacity.

Low gas pulses during compression reduces operational sound levels.

Compressor motor is internally protected from excessive current and temperature.

Compressor is installed in the unit on specially formulated, resilient rubber mounts for better sound dampening and vibration free operation.

Crankcase Heater

Crankcase heater prevents migration of liquid refrigerant into compressor and ensures proper compressor lubrication.

⑪ CABINET

Heavy-gauge steel construction

Pre-painted cabinet finish.

Pre-painted base section.

Compressor and control box located in a separate compartment, insulated with thick fiberglass insulation.

Compartment provides protection from the weather and keeps sound transmission at a minimum.

Control box is conveniently located with all controls factory wired.

Large removable panel provides service access.

Drainage holes are provided in base section for moisture removal.

High density polyethylene unit support feet raise the unit off of the mounting surface, away from damaging moisture.

⑫ SmartHinge™ Louvered Coil Protection

Steel louvered panels provide complete coil protection.

Panels are hinged to allow easy cleaning and servicing of coils.

Panels may be completely removed.

Interlocking tabs and slots assure tight fit on cabinet.

Refrigerant Line Connections, Electrical Inlets and Service Valves

Vapor and liquid lines are located on corner of unit cabinet and are made with sweat connections. See dimension drawing.

Fully serviceable brass service valves prevent corrosion and provide access to refrigerant system. Vapor valve can be fully shut off, while liquid valve may be front seated to manage refrigerant charge while servicing system.

Vapor and liquid line service valves and gauge ports are located inside the cabinet.

Refrigerant line connections and field wiring inlets are located in one central area of the cabinet. See dimension drawing.

Solar module terminal block is installed on the control panel for ease of field wiring.

FEATURES

CONTROLS

13 Lennox System Operations Monitor

Provides detailed information for proper preventive maintenance and fast, easy servicing.

Displays the most common fault conditions through indicator LED's.

Monitor detects both mechanical and electrical system problems.

Monitors only and does not provide safety protection.

When an abnormal condition is detected, communicates the specific condition through the ALERT and TRIP lights.

POWER LED (green) - indicates voltage within the range of 19-28VAC is present at the power connection.

ALERT LED (yellow) - communicates an abnormal system condition through a unique flash code. The ALERT LED will flash a number of times consecutively, pause and then repeat the process. The number of consecutive flashes, defined as the Flash Code, correlates to a particular abnormal condition.

The codes can indicate one of the following: long run time, system pressure trip (discharge or suction pressure out-of-limits or compressor overloaded), short cycling, locked rotor, open circuit, open start circuit (current present only in run circuit), open run circuit (current present only in start circuit), welded contactor (compressor runs continuously), or low voltage (control circuit < 17VAC).

TRIP LED (red) - indicates there is a demand signal from the thermostat but no current to the compressor is detected by the monitor.

14 Defrost Control

Solid-state control furnished as standard.

Gives a demand defrost cycle whenever system heating performance falls below optimum levels. The sensing element on coil determines when defrost cycle is required and when to terminate cycle.

Anti-short cycle (5 minutes) incorporated into the board.

Terminates DC fan motor operation during defrost cycle.

Diagnostic LED's furnished as an aid in troubleshooting.

Conveniently located in control box.

OPTIONS

Compressor Hard Start Kit

Single-phase units are equipped with a PSC compressor motor. This type of motor normally does not need a potential relay and start capacitor.

In conditions such as low voltage, kit may be required to increase the compressor starting torque.

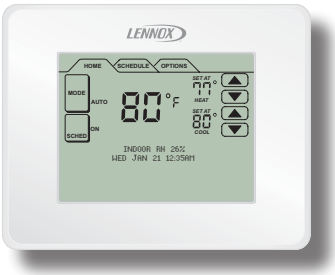
Indoor Blower Off Delay Relay

Delays the indoor blower-off time during the cooling cycle.

See AHRI System Matches for usage.

ComfortSense® 7000 Touchscreen Thermostat

Electronic 7-day, universal, multi-stage, programmable, touchscreen thermostat.



4 Heat/2 Cool.

Auto-changeover.

Controls humidity during cooling mode.

Offers enhanced capabilities including humidification / dehumidification / dewpoint measurement and control, Humiditrol® control, and equipment maintenance reminders.

Easy-to-use, menu driven thermostat with a back-lit, LCD touchscreen.

Remote outdoor temperature sensor (optional) allows the thermostat to display outdoor temperature. Required in dual fuel and Humiditrol® applications.

See the ComfortSense 7000 Engineering Handbook bulletin in the Controls section for more information.

Low Ambient Kit

Outdoor units will operate satisfactorily down to 45°F outdoor air temperature without any additional controls.

Kit can be added in the field enabling unit to operate properly down to 30°F.

A Freezestat should be installed on compressors equipped with a low ambient kit.

A Compressor Low Ambient Cut-Off should be added to terminate compressor operation below recommended operation conditions.

Outdoor Thermostat Kit

An outdoor thermostat can be used to lock out some of the electric heating elements on indoor units where two-stage control is applicable.

Outdoor thermostat maintains the heating load on the low power input as long as possible before allowing the full power load to come on the line.

Thermostat kit and mounting box must be ordered extra.

SPECIFICATIONS

General Data		**Model No.**	**XPG20-036**	**XPG20-048**	**XPG20-060**
		Nominal Tonnage	3	4	5
Connections (sweat)		Liquid Line od - in.	3/8	3/8	3/8
		Vapor Line od - in.	7/8	7/8	1 1/8
Refrigerant		R-410A charge furnished	11 lbs. 3 oz.	13 lbs. 3 oz.	15 lbs. 5 oz.
Outdoor Coil	Net face area - sq ft	Outer Coil	20.73	27.21	27.21
		Inner Coil	20.08	26.36	26.36
		Tube Diameters	5/16	5/16	5/16
		No. of Rows	2	2	2
		Fins per Inch	22	22	22
Outdoor Fan		Diameter	26	26	26
		No. of Blades	3	3	3
		AC Motor HP	1/3	1/3	1/3
		DC Motor HP	1/5	1/5	1/5
		CFM -1st stage without solar assist/with solar assist	3050/3550	3700/4200	3700/4200
		2nd stage without solar assist/with solar assist	n/a	4200/4200	4200/4200
		RPM -1st stage without solar assist/with solar assist	700/820	700/820	700/820
		2nd stage without solar assist/with solar assist	n/a	820/820	820/820
		Watts -1st stage without solar assist/with solar assist	135/8	148/8	148/8
		2nd stage without solar assist/with solar assist	n/a	219/43	219/43
Shipping Data lbs.		XPG20 -1 pkg.	315	352	387
		Solar Module	41	41	41
ELECTRICAL DATA					
		Line Voltage data - 60 hz	208/230V - 1ph	208/230V - 1 ph	208/230V - 1 ph
		Maximum overcurrent protection (amps)	40	50	60
		Minimum circuit ampacity	23.7	29.3	34.9
Compressor		Rated Load Amps	16.7	21.2	25.7
		Locked Rotor Amps	82	96	118
		Power Factor	0.98	0.98	0.98
Outdoor Coil Fan Motor		AC Motor - Full Load Amps	2.8	2.8	2.8
		DC Motor - Full Load Amps	8.5	8.5	8.5
Solar Module Requirements		Wattage	185-205 W		
		Peak Power Voltage	< 28 VDC		
		Peak Power Current	< 8.5 A		
		Open Circuit Voltage	< 33.5 VDC		
		Short Circuit Current	< 8.5 A		
REQUIRED SOLAR COMPONENTS - MUST BE ORDERED EXTRA					
Solar Module		**48W00**	•	•	•
Solar Module Mounting Kits	Pole Mount	**48W02**	•	•	•
	Roof Mount	**48W01**	•	•	•
Weatherproof Electrical Enclosure Kit		**48W03**	•	•	•
MC Connector Wire - 10 ft, 12 ga.		**48W04**	•	•	•
OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA					
ComfortSense™ 7000 thermostat		**Y2081**	•	•	•
Outdoor temperature sensor - For ComfortSense 7000		**X2658**	•	•	•
Compressor Hard Start Kit		**63W23**	•		
		10J42		•	
		63W24			•
Compressor Low Ambient Cut-Off		**45F08**	•	•	•
Freezestat	3/8 tubing	**93G35**	•	•	•
	5/8 tubing	**50A93**	•	•	•
Indoor Blower Off Delay		**58M81**	•	•	•
Low Ambient Kit		**68M04**	•	•	•
Outdoor Thermostat Kit	Thermostat	**56A87**	•	•	•
	Mounting Box	**31461**	•	•	•
Refrigerant Line Sets	L15-65-30 L15-65-40 L15-65-50		•	•	
	Field Fabricate				•

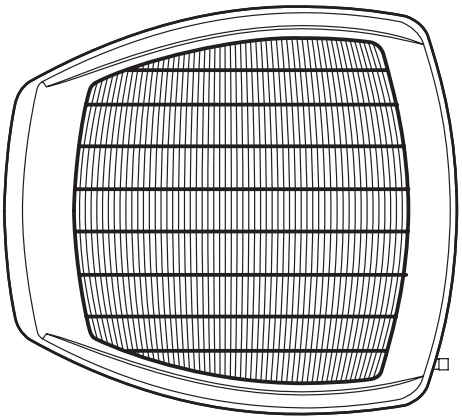
NOTE - Extremes of operating range are plus 10% and minus 5% of line voltage.

[1] Refrigerant charge sufficient for 15 ft. length of refrigerant lines.

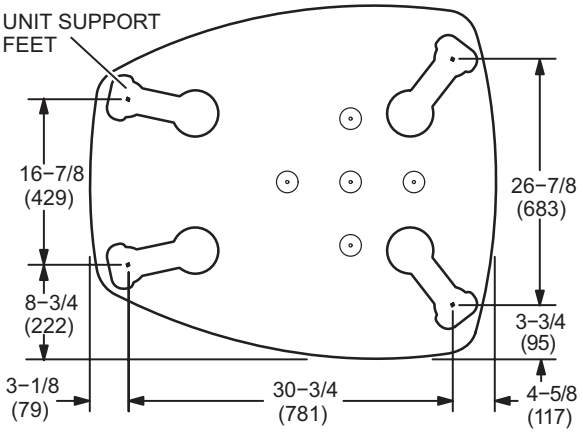
[2] Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.

[3] HACR type breaker or fuse.

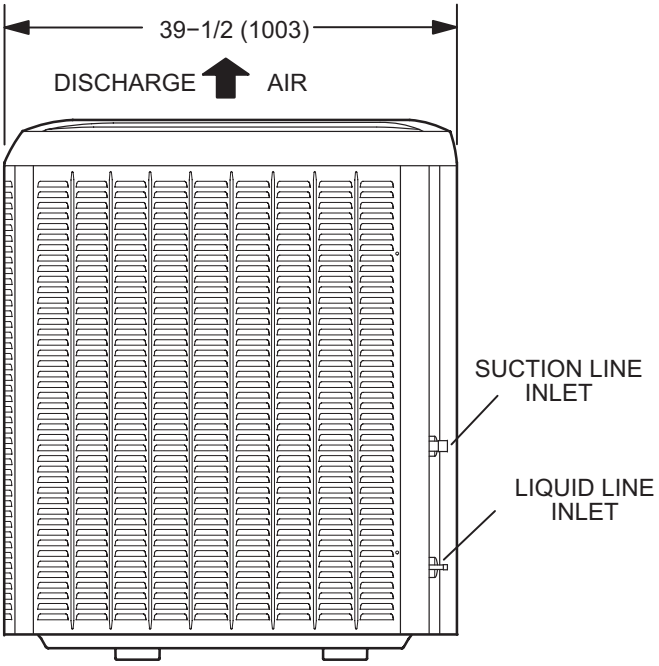
DIMENSIONS - INCHES (MM)



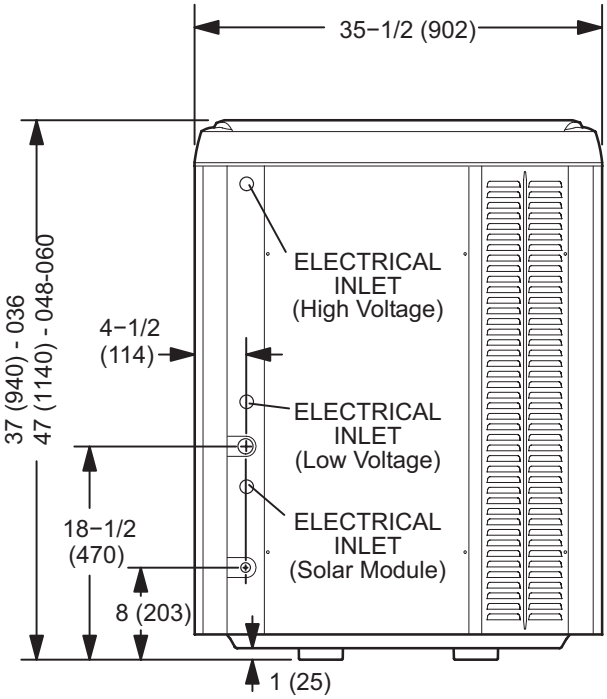
TOP VIEW



TOP VIEW BASE SECTION

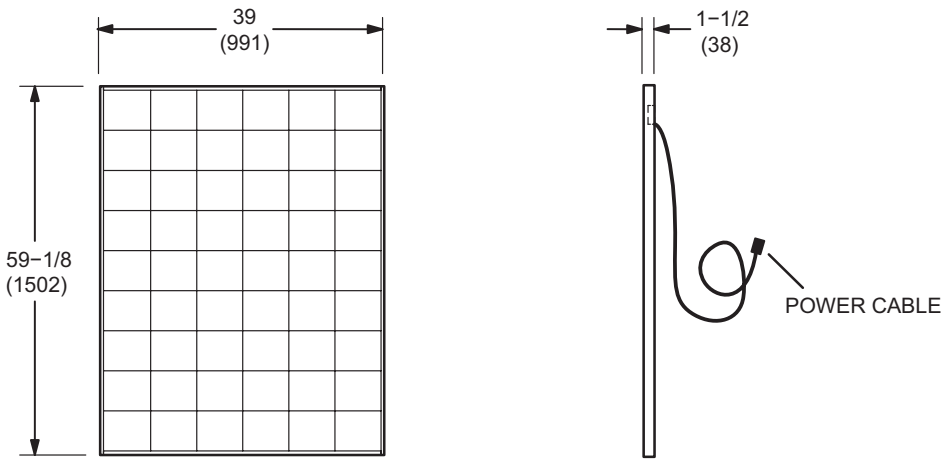


SIDE VIEW



ACCESS VIEW

DIMENSIONS - SOLAR PANEL - INCHES (MM)



FRONT VIEW **SIDE VIEW**

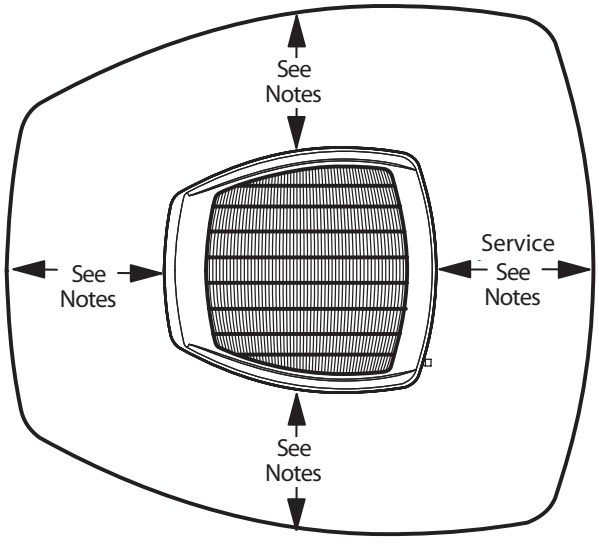
SOUND DATA

[1] Unit Model No.		Octave Band Sound Power Levels dBA, re 10^{-12} Watts Center Frequency - HZ								[1] Sound Rating Number (dB)
		63	125	250	500	1000	2000	4000	8000	
XPG20-036	without solar assist	49.0	55.5	63.5	68.5	65.5	60.0	53.5	47.0	72
XPG20-036	with solar assist	50.0	58.0	68.5	71.5	69.0	63.5	56.5	49.5	75
XPG20-048	with or without solar assist	49.5	60.0	64.5	68.5	66.0	62.0	56.5	46.5	73
XPG20-060	with or without solar assist	50.5	57.0	64.5	68.0	67.0	62.5	56.0	49.5	73

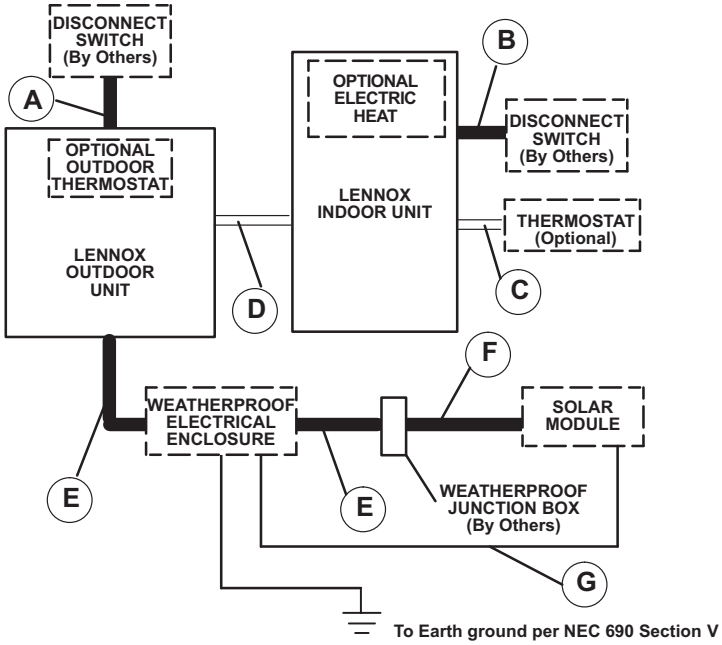
NOTE - the octave sound power data does not include tonal correction.
[1] Tested according to AHRI Standard 270-95 test conditions.

INSTALLATION CLEARANCES - INCHES (MM)

NOTES:
Service clearance of 30 in. (762 mm) must be maintained on one of the sides adjacent to the control box.
Clearance to one of the other three sides must be 36 in. (914 mm)
Clearance to one of the remaining two sides may be 12 in. (305 mm) and the nal side may be 6 in. (152 mm).
A clearance of 24 in. (610 mm) must be maintained between two units.
48 in. (1219 mm) clearance required on top of unit.



FIELD WIRING



A — Two Wire Power (see Electrical Data)

B — Two or Three Wire Power (size to heater capacity)

C — Twelve Wire Low Voltage — 18 ga. minimum

— Fourteen Wire Low Voltage with Optional Outdoor Thermostat

D — Eight Wire Low Voltage — 18 ga. minimum

— Ten Wire Low Voltage with Optional Outdoor Thermostat

E — Two Wire Copper - 10 to 14 ga.

F — Two Wire with MC connectors

G — Single Bare Wire Copper Ground

— Field Wiring Not Furnished —

All wiring must conform to NEC or CEC and local electrical codes.

*THERMAL EXPANSION VALVES (TXV)

Model No.	Order No.
XPG20-036	**49L24**
XPG20-048	**91M02**
XPG20-060	**91M02**

*CX34 coils and all air handlers (except CB26UH “R”) - the factory installed expansion valve does not need to be changed out..

C33 and CH33 coils and CB26UH “R” air handlers - replace the factory installed RFC with the expansion valve listed above.

CR33 and CH23 - use the expansion valve listed above.

MOST POPULAR MATCHES

Outdoor Unit Model No.	Indoor Unit Model No
XPG20-024	CBX32MV-036
XPG20-036	CBX32MV-048
XPG20-048	CBX32MV-060
XPG20-060	CBX32MV-060

AHRI SYSTEM MATCHES

Model No.	Capacity	SEER	EER	Heat Capacity		HSPF	Coil or Air Handler	Furnace	AHRI Reference
				High	Low				
XPG20-036-230 (IV)	35,800	15.20	11.50	33,800	22,400	8.70	C33-38		3302652
XPG20-036-230 (IV)	37,000	17.20	12.70	33,200	21,800	9.20	C33-44C	G60UHV-60C-090	3302629
XPG20-036-230 (IV)	35,400	15.00	11.50	33,600	22,400	8.70	C33-44C		3302623
XPG20-036-230 (IV)	36,400	17.20	12.50	32,600	21,600	8.70	C33-48	G60UHV-36B-090	3302654
XPG20-036-230 (IV)	37,000	17.20	12.70	33,000	21,800	8.70	C33-48	G60UHV-60C-090	3302655
XPG20-036-230 (IV)	36,000	16.50	12.20	32,800	21,800	8.50	C33-48	G61MPV-36B-045	3302659
XPG20-036-230 (IV)	36,000	16.70	12.20	32,800	21,800	8.50	C33-48	G61MPV-36B-070	3302660
XPG20-036-230 (IV)	36,600	17.00	12.50	32,800	21,800	8.70	C33-48	G61MPV-60C-090	3302662
XPG20-036-230 (IV)	36,600	17.20	12.50	33,000	21,800	8.70	C33-48	G61MPV-60C-110	3302664
XPG20-036-230 (IV)	36,000	16.70	12.20	32,800	21,800	8.50	C33-48	G71MPP-36B-070	3302661
XPG20-036-230 (IV)	36,600	17.00	12.50	32,800	21,800	8.70	C33-48	G71MPP-60C-090	3302663
XPG20-036-230 (IV)	36,600	17.20	12.50	33,000	21,800	8.70	C33-48	G71MPP-60C-110	3302665
XPG20-036-230 (IV)	35,800	15.20	11.50	33,200	22,200	8.20	C33-48		3302651
XPG20-036-230 (IV)	38,000	17.50	13.00	33,400	22,000	9.20	C33-49	G60UHV-60C-090	3302672
XPG20-036-230 (IV)	37,600	17.20	12.70	33,200	21,800	9.00	C33-49	G61MPV-60C-090	3302673
XPG20-036-230 (IV)	37,600	17.50	12.70	33,400	21,800	9.20	C33-49	G61MPV-60C-110	3302675
XPG20-036-230 (IV)	37,600	17.20	12.70	33,200	21,800	9.00	C33-49	G71MPP-60C-090	3302674
XPG20-036-230 (IV)	37,600	17.50	12.70	33,400	21,800	9.20	C33-49	G71MPP-60C-110	3302676
XPG20-036-230 (IV)	36,400	15.20	11.70	33,800	22,400	8.70	C33-49		3302653
XPG20-036-230 (IV)	37,400	17.50	12.70	33,400	21,800	9.20	C33-50/60C	G60UHV-60C-090	3302656
XPG20-036-230 (IV)	37,000	17.20	12.70	33,200	21,800	9.00	C33-50/60C	G61MPV-60C-090	3302666
XPG20-036-230 (IV)	37,000	17.20	12.70	33,200	21,800	9.00	C33-50/60C	G61MPV-60C-110	3302668
XPG20-036-230 (IV)	37,000	17.20	12.70	33,200	21,800	9.00	C33-50/60C	G71MPP-60C-090	3302667
XPG20-036-230 (IV)	37,000	17.20	12.70	33,200	21,800	9.00	C33-50/60C	G71MPP-60C-110	3302669
XPG20-036-230 (IV)	37,600	17.70	13.00	33,200	21,800	9.20	C33-60D	G60UHV-60D-135	3302657
XPG20-036-230 (IV)	37,600	17.50	12.70	33,400	21,800	9.20	C33-60D	G61MPV-60D-135	3302670
XPG20-036-230 (IV)	37,800	17.70	13.20	33,200	21,800	9.20	C33-62D	G60UHV-60D-135	3302658
XPG20-036-230 (IV)	38,000	17.50	13.00	33,400	21,800	9.20	C33-62D	G61MPV-60D-135	3302671
XPG20-036-230 (IV)	35,800	16.70	12.20	33,600	22,000	9.50	CB27UH-036-230		3302621
XPG20-036-230 (IV)	37,000	17.50	13.00	33,600	21,800	9.70	CB27UH-042-230		3302622
XPG20-036-230 (IV)	35,800	16.70	12.20	33,600	22,000	9.50	CBX27UH-036-230		3302619
XPG20-036-230 (IV)	37,000	17.50	13.00	33,600	21,800	9.70	CBX27UH-042-230		3302620
XPG20-036-230 (IV)	35,400	15.70	11.70	34,000	22,400	9.20	CBX32M-036		3302614
XPG20-036-230 (IV)	35,400	15.70	11.70	34,000	22,400	9.20	CBX32M-042		3302618
XPG20-036-230 (IV)	36,600	15.70	12.20	34,000	22,400	9.20	CBX32M-048		3302617
XPG20-036-230 (IV)	35,800	16.50	11.70	34,200	22,400	9.20	CBX32MV-036		3302615
XPG20-036-230 (IV)	37,800	18.20	12.70	34,200	22,200	9.70	CBX32MV-048		3302612
XPG20-036-230 (IV)	35,800	16.50	11.70	34,200	22,400	9.20	CBX40UHV-036		3302616
XPG20-036-230 (IV)	37,000	17.50	13.00	33,600	21,800	9.70	CBX40UHV-042		3302702
XPG20-036-230 (IV)	37,800	18.20	12.70	34,200	22,200	9.70	CBX40UHV-048		3302613
XPG20-036-230 (IV)	35,200	15.00	11.50	33,600	22,400	8.50	CH23-51		3302688
XPG20-036-230 (IV)	35,600	15.00	11.50	34,000	22,400	8.70	CH23-65		3302689
XPG20-036-230 (IV)	36,600	17.20	12.50	33,400	22,000	9.20	CH33-44/48	G60UHV-36B-090	3302690
XPG20-036-230 (IV)	36,200	16.50	12.00	33,400	22,200	8.70	CH33-44/48	G61MPV-36B-045	3302699
XPG20-036-230 (IV)	36,200	16.50	12.00	33,400	22,200	9.00	CH33-44/48	G61MPV-36B-070	3302700
XPG20-036-230 (IV)	36,200	16.50	12.00	33,400	22,200	9.00	CH33-44/48	G71MPP-36B-070	3302701
XPG20-036-230 (IV)	35,800	15.20	11.50	33,800	22,600	8.70	CH33-44/48		3302686
XPG20-036-230 (IV)	37,600	17.50	12.70	33,400	21,800	9.20	CH33-48	G60UHV-60C-090	3302691
XPG20-036-230 (IV)	36,000	15.20	11.50	33,600	22,400	8.70	CH33-48		3302687

NOTES:

Heat Pump suffixes:

-230 (IV) = HSPF Region IV

-230 (V) = HSPF Region V

When used with gas furnaces, a dual-fuel control (i.e. FM21), a control system with dual-fuel capabilities (LZP-2 or LZP-4), or a thermostat with dual-fuel capabilities must be used (ordered extra).

Certified in accordance with USE certification program which is based on AHRI Standard 210/240 with 25 ft. of connecting refrigerant lines;

Cooling Ratings − 95°F outdoor air temperature and 80 °F db/67° F wb entering indoor coil air.

High Temperature Heating Ratings − 47° F db/43° F wb outdoor air temperature and 70 °F db entering indoor coil air.

Low Temperature Heating Ratings − 17 °F db/15° F wb outdoor air temperature and 70 °F db entering indoor coil air.

All ratings include the use of a blower time delay relay (TDR). All Lennox variable-speed furnaces and Air Handlers have time delay capabilities. Other Furnaces and Air Handlers may require an optional time delay relay (**58M81**) for field installation. See furnace or air handler specifications to determine if relay is needed.

AHRI SYSTEM MATCHES

Model No.	Capacity	SEER	EER	Heat Capacity		HSPF	Coil or Air Handler	Furnace	AHRI Reference
				High	Low				
XPG20-036-230 (IV)	38,000	17.50	13.00	33,600	22,000	9.50	CH33-50/60C	G60UHV-60C-090	3302693
XPG20-036-230 (IV)	37,600	17.50	12.70	33,400	22,000	9.20	CH33-50/60C	G61MPV-60C-110	3302696
XPG20-036-230 (IV)	37,600	17.50	12.70	33,400	22,000	9.20	CH33-50/60C	G71MPP-60C-110	3302697
XPG20-036-230 (IV)	37,400	17.70	13.00	33,200	21,800	9.20	CH33-60D	G60UHV-60D-135	3302692
XPG20-036-230 (IV)	37,400	17.50	12.70	33,400	21,800	9.20	CH33-60D	G61MPV-60D-135	3302695
XPG20-036-230 (IV)	37,400	18.00	13.00	33,200	21,800	9.20	CH33-62D	G60UHV-60D-135	3302694
XPG20-036-230 (IV)	37,400	17.70	12.70	33,400	22,000	9.20	CH33-62D	G61MPV-60D-135	3302698
XPG20-036-230 (IV)	35,600	17.00	12.20	33,200	21,800	9.20	CR33-48	G60DFV-36B-090	3302678
XPG20-036-230 (IV)	35,200	16.20	11.70	33,400	22,000	9.00	CR33-48	G61MPV-36B-045	3302680
XPG20-036-230 (IV)	35,200	16.50	11.70	33,400	22,000	9.00	CR33-48	G61MPV-36B-070	3302681
XPG20-036-230 (IV)	35,600	16.70	12.20	33,400	22,000	9.20	CR33-48	G61MPV-60C-090	3320459
XPG20-036-230 (IV)	35,200	16.50	11.70	33,400	22,000	9.00	CR33-48	G71MPP-36B-070	3302682
XPG20-036-230 (IV)	35,600	16.70	12.20	33,400	22,000	9.20	CR33-48	G71MPP-60C-090	3320468
XPG20-036-230 (IV)	35,000	14.70	11.20	33,800	22,400	8.70	CR33-48		3302677
XPG20-036-230 (IV)	36,600	17.20	12.70	33,600	22,000	9.50	CR33-50/60	G60DFV-36B-090	3302679
XPG20-036-230 (IV)	36,400	16.70	12.20	33,800	22,200	9.20	CR33-50/60	G61MPV-36B-045	3302683
XPG20-036-230 (IV)	36,400	16.70	12.20	33,800	22,200	9.20	CR33-50/60	G61MPV-36B-070	3302684
XPG20-036-230 (IV)	36,400	16.70	12.20	33,800	22,200	9.20	CR33-50/60	G71MPP-36B-070	3302685
XPG20-036-230 (IV)	35,800	15.20	11.50	33,800	22,400	8.70	CX34-38		3302625
XPG20-036-230 (IV)	36,400	17.20	12.50	32,600	21,600	8.70	CX34-44/48	G60UHV-36B-090	3302627
XPG20-036-230 (IV)	37,000	17.20	12.70	33,000	21,800	8.70	CX34-44/48	G60UHV-60C-090	3302628
XPG20-036-230 (IV)	36,000	16.50	12.20	32,800	21,800	8.50	CX34-44/48	G61MPV-36B-045	3302633
XPG20-036-230 (IV)	36,000	16.70	12.20	32,800	21,800	8.50	CX34-44/48	G61MPV-36B-070	3302634
XPG20-036-230 (IV)	36,600	17.00	12.50	32,800	21,800	8.70	CX34-44/48	G61MPV-60C-090	3302636
XPG20-036-230 (IV)	36,600	17.20	12.50	33,000	21,800	8.70	CX34-44/48	G61MPV-60C-110	3302638
XPG20-036-230 (IV)	36,000	16.70	12.20	32,800	21,800	8.50	CX34-44/48	G71MPP-36B-070	3302635
XPG20-036-230 (IV)	36,600	17.00	12.50	32,800	21,800	8.70	CX34-44/48	G71MPP-60C-090	3302637
XPG20-036-230 (IV)	36,600	17.20	12.50	33,000	21,800	8.70	CX34-44/48	G71MPP-60C-110	3302639
XPG20-036-230 (IV)	35,800	15.20	11.50	33,200	22,200	8.20	CX34-44/48		3302624
XPG20-036-230 (IV)	38,000	17.50	13.00	33,400	22,000	9.20	CX34-49	G60UHV-60C-090	3302646
XPG20-036-230 (IV)	37,600	17.20	12.70	33,200	21,800	9.00	CX34-49	G61MPV-60C-090	3302647
XPG20-036-230 (IV)	37,600	17.50	12.70	33,400	21,800	9.20	CX34-49	G61MPV-60C-110	3302649
XPG20-036-230 (IV)	37,600	17.20	12.70	33,200	21,800	9.00	CX34-49	G71MPP-60C-090	3302648
XPG20-036-230 (IV)	37,600	17.50	12.70	33,400	21,800	9.20	CX34-49	G71MPP-60C-110	3302650
XPG20-036-230 (IV)	36,400	15.20	11.70	33,800	22,400	8.70	CX34-49		3302626
XPG20-036-230 (IV)	37,400	17.50	12.70	33,400	21,800	9.20	CX34-50/60C	G60UHV-60C-090	3302630
XPG20-036-230 (IV)	37,000	17.20	12.70	33,200	21,800	9.00	CX34-50/60C	G61MPV-60C-090	3302640
XPG20-036-230 (IV)	37,000	17.20	12.70	33,200	21,800	9.00	CX34-50/60C	G61MPV-60C-110	3302642
XPG20-036-230 (IV)	37,000	17.20	12.70	33,200	21,800	9.00	CX34-50/60C	G71MPP-60C-090	3302641
XPG20-036-230 (IV)	37,000	17.20	12.70	33,200	21,800	9.00	CX34-50/60C	G71MPP-60C-110	3302643
XPG20-036-230 (IV)	37,600	17.70	13.00	33,200	21,800	9.20	CX34-60D	G60UHV-60D-135	3302631
XPG20-036-230 (IV)	37,600	17.50	12.70	33,400	21,800	9.20	CX34-60D	G61MPV-60D-135	3302644
XPG20-036-230 (IV)	37,800	17.70	13.20	33,200	21,800	9.20	CX34-62D	G60UHV-60D-135	3302632
XPG20-036-230 (IV)	38,000	17.50	13.00	33,400	21,800	9.20	CX34-62D	G61MPV-60D-135	3302645
XPG20-036-230 (V)	35,800	15.20	11.50	33,800	22,400	8.05	C33-38		3302743
XPG20-036-230 (V)	37,000	17.20	12.70	33,200	21,800	8.30	C33-44C	G60UHV-60C-090	3302720
XPG20-036-230 (V)	35,400	15.00	11.50	33,600	22,400	7.95	C33-44C		3302714
XPG20-036-230 (V)	36,400	17.20	12.50	32,600	21,600	8.00	C33-48	G60UHV-36B-090	3302745
XPG20-036-230 (V)	37,000	17.20	12.70	33,000	21,800	8.15	C33-48	G60UHV-60C-090	3302746

NOTES:

Heat Pump suffixes:

-230 (IV) = HSPF Region IV

-230 (V) = HSPF Region V

When used with gas furnaces, a dual-fuel control (i.e. FM21), a control system with dual-fuel capabilities (LZP-2 or LZP-4), or a thermostat with dual-fuel capabilities must be used (ordered extra).

Certified in accordance with USE certification program which is based on AHRI Standard 210/240 with 25 ft. of connecting refrigerant lines;

Cooling Ratings − 95°F outdoor air temperature and 80 °F db/67° F wb entering indoor coil air.

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Low Temperature Heating Ratings − 17 °F db/15° F wb outdoor air temperature and 70 °F db entering indoor coil air.

All ratings include the use of a blower time delay relay (TDR). All Lennox variable-speed furnaces and Air Handlers have time delay capabilities. Other Furnaces and Air Handlers may require an optional time delay relay (**58M81**) for field installation. See furnace or air handler specifications to determine if relay is needed.

AHRI SYSTEM MATCHES

Model No.	Capacity	SEER	EER	Heat Capacity		HSPF	Coil or Air Handler	Furnace	AHRI Reference
				High	Low				
XPG20-036-230 (V)	36,000	16.50	12.20	32,800	21,800	7.85	C33-48	G61MPV-36B-045	3302750
XPG20-036-230 (V)	36,000	16.70	12.20	32,800	21,800	7.90	C33-48	G61MPV-36B-070	3302751
XPG20-036-230 (V)	36,600	17.00	12.50	32,800	21,800	8.05	C33-48	G61MPV-60C-090	3302753
XPG20-036-230 (V)	36,600	17.20	12.50	33,000	21,800	8.05	C33-48	G61MPV-60C-110	3302755
XPG20-036-230 (V)	36,000	16.70	12.20	32,800	21,800	7.90	C33-48	G71MPP-36B-070	3302752
XPG20-036-230 (V)	36,600	17.00	12.50	32,800	21,800	8.05	C33-48	G71MPP-60C-090	3302754
XPG20-036-230 (V)	36,600	17.20	12.50	33,000	21,800	8.05	C33-48	G71MPP-60C-110	3302756
XPG20-036-230 (V)	35,800	15.20	11.50	33,200	22,200	7.70	C33-48		3302742
XPG20-036-230 (V)	38,000	17.50	13.00	33,400	22,000	8.35	C33-49	G60UHV-60C-090	3302763
XPG20-036-230 (V)	37,600	17.20	12.70	33,200	21,800	8.25	C33-49	G61MPV-60C-090	3302764
XPG20-036-230 (V)	37,600	17.50	12.70	33,400	21,800	8.30	C33-49	G61MPV-60C-110	3302766
XPG20-036-230 (V)	37,600	17.20	12.70	33,200	21,800	8.25	C33-49	G71MPP-60C-090	3302765
XPG20-036-230 (V)	37,600	17.50	12.70	33,400	21,800	8.30	C33-49	G71MPP-60C-110	3302767
XPG20-036-230 (V)	36,400	15.20	11.70	33,800	22,400	8.00	C33-49		3302744
XPG20-036-230 (V)	37,400	17.50	12.70	33,400	21,800	8.35	C33-50/60C	G60UHV-60C-090	3302747
XPG20-036-230 (V)	37,000	17.20	12.70	33,200	21,800	8.25	C33-50/60C	G61MPV-60C-090	3302757
XPG20-036-230 (V)	37,000	17.20	12.70	33,200	21,800	8.30	C33-50/60C	G61MPV-60C-110	3302759
XPG20-036-230 (V)	37,000	17.20	12.70	33,200	21,800	8.25	C33-50/60C	G71MPP-60C-090	3302758
XPG20-036-230 (V)	37,000	17.20	12.70	33,200	21,800	8.30	C33-50/60C	G71MPP-60C-110	3302760
XPG20-036-230 (V)	37,600	17.70	13.00	33,200	21,800	8.45	C33-60D	G60UHV-60D-135	3302748
XPG20-036-230 (V)	37,600	17.50	12.70	33,400	21,800	8.45	C33-60D	G61MPV-60D-135	3302761
XPG20-036-230 (V)	37,800	17.70	13.20	33,200	21,800	8.50	C33-62D	G60UHV-60D-135	3302749
XPG20-036-230 (V)	38,000	17.50	13.00	33,400	21,800	8.45	C33-62D	G61MPV-60D-135	3302762
XPG20-036-230 (V)	35,800	16.70	12.20	33,600	22,000	8.60	CB27UH-036-230		3302712
XPG20-036-230 (V)	37,000	17.50	13.00	33,600	21,800	8.75	CB27UH-042-230		3302713
XPG20-036-230 (V)	35,800	16.70	12.20	33,600	22,000	8.60	CBX27UH-036-230		3302710
XPG20-036-230 (V)	37,000	17.50	13.00	33,600	21,800	8.75	CBX27UH-042-230		3302711
XPG20-036-230 (V)	35,400	15.70	11.70	34,000	22,400	8.40	CBX32M-036		3302705
XPG20-036-230 (V)	35,400	15.70	11.70	34,000	22,400	8.40	CBX32M-042		3302709
XPG20-036-230 (V)	36,600	15.70	12.20	34,000	22,400	8.50	CBX32M-048		3302708
XPG20-036-230 (V)	35,800	16.50	11.70	34,200	22,400	8.50	CBX32MV-036		3302706
XPG20-036-230 (V)	37,800	18.20	12.70	34,200	22,200	8.85	CBX32MV-048		3302703
XPG20-036-230 (V)	35,800	16.50	11.70	34,200	22,400	8.50	CBX40UHV-036		3302707
XPG20-036-230 (V)	37,000	17.50	13.00	33,600	21,800	8.75	CBX40UHV-042		3302793
XPG20-036-230 (V)	37,800	18.20	12.70	34,200	22,200	8.85	CBX40UHV-048		3302704
XPG20-036-230 (V)	35,200	15.00	11.50	33,600	22,400	7.95	CH23-51		3302779
XPG20-036-230 (V)	35,600	15.00	11.50	34,000	22,400	8.10	CH23-65		3302780
XPG20-036-230 (V)	36,600	17.20	12.50	33,400	22,000	8.35	CH33-44/48	G60UHV-36B-090	3302781
XPG20-036-230 (V)	36,200	16.50	12.00	33,400	22,200	8.15	CH33-44/48	G61MPV-36B-045	3302790
XPG20-036-230 (V)	36,200	16.50	12.00	33,400	22,200	8.20	CH33-44/48	G61MPV-36B-070	3302791
XPG20-036-230 (V)	36,200	16.50	12.00	33,400	22,200	8.20	CH33-44/48	G71MPP-36B-070	3302792
XPG20-036-230 (V)	35,800	15.20	11.50	33,800	22,600	8.15	CH33-44/48		3302777
XPG20-036-230 (V)	37,600	17.50	12.70	33,400	21,800	8.35	CH33-48	G60UHV-60C-090	3302782
XPG20-036-230 (V)	36,000	15.20	11.50	33,600	22,400	8.00	CH33-48		3302778
XPG20-036-230 (V)	38,000	17.50	13.00	33,600	22,000	8.55	CH33-50/60C	G60UHV-60C-090	3302784
XPG20-036-230 (V)	37,600	17.50	12.70	33,400	22,000	8.45	CH33-50/60C	G61MPV-60C-110	3302787
XPG20-036-230 (V)	37,600	17.50	12.70	33,400	22,000	8.45	CH33-50/60C	G71MPP-60C-110	3302788
XPG20-036-230 (V)	37,400	17.70	13.00	33,200	21,800	8.45	CH33-60D	G60UHV-60D-135	3302783
XPG20-036-230 (V)	37,400	17.50	12.70	33,400	21,800	8.40	CH33-60D	G61MPV-60D-135	3302786

NOTES:

Heat Pump suffixes:

-230 (IV) = HSPF Region IV

-230 (V) = HSPF Region V

When used with gas furnaces, a dual-fuel control (i.e. FM21), a control system with dual-fuel capabilities (LZP-2 or LZP-4), or a thermostat with dual-fuel capabilities must be used (ordered extra).

Certified in accordance with USE certification program which is based on AHRI Standard 210/240 with 25 ft. of connecting refrigerant lines;

Cooling Ratings − 95°F outdoor air temperature and 80 °F db/67° F wb entering indoor coil air.

High Temperature Heating Ratings − 47° F db/43° F wb outdoor air temperature and 70 °F db entering indoor coil air.

Low Temperature Heating Ratings − 17 °F db/15° F wb outdoor air temperature and 70 °F db entering indoor coil air.

All ratings include the use of a blower time delay relay (TDR). All Lennox variable-speed furnaces and Air Handlers have time delay capabilities. Other Furnaces and Air Handlers may require an optional time delay relay (**58M81**) for field installation. See furnace or air handler specifications to determine if relay is needed.

AHRI SYSTEM MATCHES

Model No.	Capacity	SEER	EER	Heat Capacity		HSPF	Coil or Air Handler	Furnace	AHRI Reference
				High	Low				
XPG20-036-230 (V)	37,400	18.00	13.00	33,200	21,800	8.50	CH33-62D	G60UHV-60D-135	3302785
XPG20-036-230 (V)	37,400	17.70	12.70	33,400	22,000	8.45	CH33-62D	G61MPV-60D-135	3302789
XPG20-036-230 (V)	35,600	17.00	12.20	33,200	21,800	8.40	CR33-48	G60DFV-36B-090	3302769
XPG20-036-230 (V)	35,200	16.20	11.70	33,400	22,000	8.25	CR33-48	G61MPV-36B-045	3302771
XPG20-036-230 (V)	35,200	16.50	11.70	33,400	22,000	8.25	CR33-48	G61MPV-36B-070	3302772
XPG20-036-230 (V)	35,600	16.70	12.20	33,400	22,000	8.40	CR33-48	G61MPV-60C-090	3320472
XPG20-036-230 (V)	35,200	16.50	11.70	33,400	22,000	8.25	CR33-48	G71MPP-36B-070	3302773
XPG20-036-230 (V)	35,600	16.70	12.20	33,400	22,000	8.40	CR33-48	G71MPP-60C-090	3320473
XPG20-036-230 (V)	35,000	14.70	11.20	33,800	22,400	8.05	CR33-48		3302768
XPG20-036-230 (V)	36,600	17.20	12.70	33,600	22,000	8.65	CR33-50/60	G60DFV-36B-090	3302770
XPG20-036-230 (V)	36,400	16.70	12.20	33,800	22,200	8.50	CR33-50/60	G61MPV-36B-045	3302774
XPG20-036-230 (V)	36,400	16.70	12.20	33,800	22,200	8.50	CR33-50/60	G61MPV-36B-070	3302775
XPG20-036-230 (V)	36,400	16.70	12.20	33,800	22,200	8.50	CR33-50/60	G71MPP-36B-070	3302776
XPG20-036-230 (V)	35,800	15.20	11.50	33,800	22,400	8.05	CX34-38		3302716
XPG20-036-230 (V)	36,400	17.20	12.50	32,600	21,600	8.00	CX34-44/48	G60UHV-36B-090	3302718
XPG20-036-230 (V)	37,000	17.20	12.70	33,000	21,800	8.15	CX34-44/48	G60UHV-60C-090	3302719
XPG20-036-230 (V)	36,000	16.50	12.20	32,800	21,800	7.85	CX34-44/48	G61MPV-36B-045	3302724
XPG20-036-230 (V)	36,000	16.70	12.20	32,800	21,800	7.90	CX34-44/48	G61MPV-36B-070	3302725
XPG20-036-230 (V)	36,600	17.00	12.50	32,800	21,800	8.05	CX34-44/48	G61MPV-60C-090	3302727
XPG20-036-230 (V)	36,600	17.20	12.50	33,000	21,800	8.05	CX34-44/48	G61MPV-60C-110	3302729
XPG20-036-230 (V)	36,000	16.70	12.20	32,800	21,800	7.90	CX34-44/48	G71MPP-36B-070	3302726
XPG20-036-230 (V)	36,600	17.00	12.50	32,800	21,800	8.05	CX34-44/48	G71MPP-60C-090	3302728
XPG20-036-230 (V)	36,600	17.20	12.50	33,000	21,800	8.05	CX34-44/48	G71MPP-60C-110	3302730
XPG20-036-230 (V)	35,800	15.20	11.50	33,200	22,200	7.70	CX34-44/48		3302715
XPG20-036-230 (V)	38,000	17.50	13.00	33,400	22,000	8.35	CX34-49	G60UHV-60C-090	3302737
XPG20-036-230 (V)	37,600	17.20	12.70	33,200	21,800	8.25	CX34-49	G61MPV-60C-090	3302738
XPG20-036-230 (V)	37,600	17.50	12.70	33,400	21,800	8.30	CX34-49	G61MPV-60C-110	3302740
XPG20-036-230 (V)	37,600	17.20	12.70	33,200	21,800	8.25	CX34-49	G71MPP-60C-090	3302739
XPG20-036-230 (V)	37,600	17.50	12.70	33,400	21,800	8.30	CX34-49	G71MPP-60C-110	3302741
XPG20-036-230 (V)	36,400	15.20	11.70	33,800	22,400	8.00	CX34-49		3302717
XPG20-036-230 (V)	37,400	17.50	12.70	33,400	21,800	8.35	CX34-50/60C	G60UHV-60C-090	3302721
XPG20-036-230 (V)	37,000	17.20	12.70	33,200	21,800	8.25	CX34-50/60C	G61MPV-60C-090	3302731
XPG20-036-230 (V)	37,000	17.20	12.70	33,200	21,800	8.30	CX34-50/60C	G61MPV-60C-110	3302733
XPG20-036-230 (V)	37,000	17.20	12.70	33,200	21,800	8.25	CX34-50/60C	G71MPP-60C-090	3302732
XPG20-036-230 (V)	37,000	17.20	12.70	33,200	21,800	8.30	CX34-50/60C	G71MPP-60C-110	3302734
XPG20-036-230 (V)	37,600	17.70	13.00	33,200	21,800	8.45	CX34-60D	G60UHV-60D-135	3302722
XPG20-036-230 (V)	37,600	17.50	12.70	33,400	21,800	8.45	CX34-60D	G61MPV-60D-135	3302735
XPG20-036-230 (V)	37,800	17.70	13.20	33,200	21,800	8.50	CX34-62D	G60UHV-60D-135	3302723
XPG20-036-230 (V)	38,000	17.50	13.00	33,400	21,800	8.45	CX34-62D	G61MPV-60D-135	3302736
XPG20-048-230 (IV)	46,000	16.55	12.25	44,000	26,200	8.40	C33-49	G60UHV-60C-090	3509277
XPG20-048-230 (IV)	45,500	16.25	12.00	44,000	26,400	8.30	C33-49	G61MPV-60C-090	3509267
XPG20-048-230 (IV)	45,500	16.60	12.05	44,000	26,600	8.30	C33-49	G61MPV-60C-091	3509251
XPG20-048-230 (IV)	45,500	16.00	12.00	44,000	26,400	8.25	C33-49	G61MPV-60C-110	3509264
XPG20-048-230 (IV)	45,500	16.70	12.30	44,000	26,400	8.30	C33-49	G61MPV-60C-111	3509252
XPG20-048-230 (IV)	45,500	16.25	12.00	44,000	26,400	8.30	C33-49	G71MPP-60C-090	3509294
XPG20-048-230 (IV)	45,500	16.00	12.00	44,000	26,400	8.25	C33-49	G71MPP-60C-110	3509297
XPG20-048-230 (IV)	45,000	14.60	11.65	44,000	26,600	8.20	C33-49		3509343
XPG20-048-230 (IV)	46,000	14.85	11.85	44,500	26,800	8.35	C33-60D		3509347
XPG20-048-230 (IV)	47,500	17.00	12.50	44,500	26,400	8.60	C33-62C	G61MPV-60C-111	3509258

NOTES:

Heat Pump suffixes:

-230 (IV) = HSPF Region IV

-230 (V) = HSPF Region V

When used with gas furnaces, a dual-fuel control (i.e. FM21), a control system with dual-fuel capabilities (LZP-2 or LZP-4), or a thermostat with dual-fuel capabilities must be used (ordered extra).

Certified in accordance with USE certification program which is based on AHRI Standard 210/240 with 25 ft. of connecting refrigerant lines;

Cooling Ratings − 95°F outdoor air temperature and 80 °F db/67° F wb entering indoor coil air.

High Temperature Heating Ratings − 47° F db/43° F wb outdoor air temperature and 70 °F db entering indoor coil air.

Low Temperature Heating Ratings − 17 °F db/15° F wb outdoor air temperature and 70 °F db entering indoor coil air.

All ratings include the use of a blower time delay relay (TDR). All Lennox variable-speed furnaces and Air Handlers have time delay capabilities. Other Furnaces and Air Handlers may require an optional time delay relay (**58M81**) for field installation. See furnace or air handler specifications to determine if relay is needed.

AHRI SYSTEM MATCHES

Model No.	Capacity	SEER	EER	Heat Capacity		HSPF	Coil or Air Handler	Furnace	AHRI Reference
				High	Low				
XPG20-048-230 (IV)	47,000	17.00	12.80	44,000	26,000	8.65	C33-62D	G60UHV-60D-135	3509286
XPG20-048-230 (IV)	47,000	16.90	12.65	44,000	26,200	8.65	C33-62D	G61MPV-60D-135	3509283
XPG20-048-230 (IV)	47,000	16.90	12.65	44,000	26,200	8.65	C33-62D	G71MPP-60D-135	3509302
XPG20-048-230 (IV)	46,500	14.90	12.00	44,500	26,800	8.35	C33-62D		3509346
XPG20-048-230 (IV)	46,500	16.60	12.60	44,500	26,400	9.00	CB27UH-048-230		3509291
XPG20-048-230 (IV)	46,000	16.40	12.50	44,500	26,400	9.00	CB27UH-060-230		3509292
XPG20-048-230 (IV)	46,500	16.60	12.60	44,500	26,400	9.00	CBX27UH-048-230		3509288
XPG20-048-230 (IV)	46,000	16.40	12.50	44,500	26,400	9.00	CBX27UH-060-230		3509289
XPG20-048-230 (IV)	46,000	15.40	12.10	45,000	26,800	8.95	CBX32M-048		3509279
XPG20-048-230 (IV)	46,500	15.35	12.25	45,000	26,800	8.90	CBX32M-060-230		3509269
XPG20-048-230 (IV)	46,500	17.00	12.35	45,000	26,800	9.00	CBX32MV-048		3509271
XPG20-048-230 (IV)	46,500	17.00	12.30	45,000	26,800	9.00	CBX32MV-060		3509274
XPG20-048-230 (IV)	47,000	16.90	12.80	43,500	26,000	8.65	CBX32MV-068		3509265
XPG20-048-230 (IV)	46,500	17.00	12.35	45,000	26,800	9.00	CBX40UHV-048		3509309
XPG20-048-230 (IV)	46,500	17.00	12.30	45,000	26,800	9.00	CBX40UHV-060		3509310
XPG20-048-230 (IV)	46,500	15.00	12.00	45,500	27,400	8.75	CH23-68		3509345
XPG20-048-230 (IV)	46,500	17.00	12.00	44,000	26,000	8.60	CH33-50/60C	G60UHV-60C-090	3509257
XPG20-048-230 (IV)	46,500	16.20	12.20	44,000	26,400	8.20	CH33-50/60C	G61MPV-60C-090	3509307
XPG20-048-230 (IV)	46,500	16.20	12.20	44,000	26,400	8.20	CH33-50/60C	G61MPV-60C-110	3509287
XPG20-048-230 (IV)	46,500	16.20	12.20	44,000	26,400	8.20	CH33-50/60C	G71MPP-60C-090	3509308
XPG20-048-230 (IV)	46,500	16.20	12.20	44,000	26,400	8.20	CH33-50/60C	G71MPP-60C-110	3509299
XPG20-048-230 (IV)	46,500	16.90	12.70	43,500	26,000	8.65	CH33-62D	G60UHV-60D-135	3509280
XPG20-048-230 (IV)	46,500	16.75	12.50	44,000	26,200	8.60	CH33-62D	G61MPV-60D-135	3509275
XPG20-048-230 (IV)	46,500	16.75	12.50	44,000	26,200	8.60	CH33-62D	G71MPP-60D-135	3509300
XPG20-048-230 (IV)	46,000	14.80	11.85	44,500	26,800	8.30	CH33-62D		3509349
XPG20-048-230 (IV)	46,500	16.00	12.00	45,000	26,800	9.00	CR33-50/60	G60DFV-60C-110	3509293
XPG20-048-230 (IV)	46,500	17.00	12.55	44,500	26,600	9.10	CR33-50/60	G60DFV-60D-135	3509266
XPG20-048-230 (IV)	45,500	15.30	12.15	44,500	27,000	8.65	CR33-50/60	G61MPV-60C-090	3509250
XPG20-048-230 (IV)	45,500	16.60	12.00	44,500	27,000	8.80	CR33-50/60	G61MPV-60C-091	3509253
XPG20-048-230 (IV)	46,500	16.85	12.50	44,500	26,600	9.10	CR33-50/60	G61MPV-60D-135	3509260
XPG20-048-230 (IV)	45,500	15.30	12.15	44,500	27,000	8.65	CR33-50/60	G71MPP-60C-090	3509296
XPG20-048-230 (IV)	46,500	16.85	12.50	44,500	26,600	9.10	CR33-50/60	G71MPP-60D-135	3509303
XPG20-048-230 (IV)	45,500	14.85	11.75	45,000	27,200	8.50	CR33-50/60		3509342
XPG20-048-230 (IV)	46,500	17.00	12.55	44,500	26,600	9.10	CR33-60	G60DFV-60D-135	3509263
XPG20-048-230 (IV)	46,500	16.85	12.50	44,500	26,600	9.10	CR33-60	G61MPV-60D-135	3509276
XPG20-048-230 (IV)	46,500	16.85	12.50	44,500	26,600	9.10	CR33-60	G71MPP-60D-135	3509304
XPG20-048-230 (IV)	45,500	14.85	11.75	45,000	27,200	8.50	CR33-60		3509344
XPG20-048-230 (IV)	46,000	16.20	12.50	43,500	25,800	8.25	CX34-49	CBWMV-60C-100	3509290
XPG20-048-230 (IV)	46,000	16.55	12.25	44,000	26,200	8.40	CX34-49	G60UHV-60C-090	3509273
XPG20-048-230 (IV)	46,500	16.85	12.50	44,000	26,200	8.50	CX34-49	G60UHV-60C-110	3509256
XPG20-048-230 (IV)	45,500	16.25	12.00	44,000	26,400	8.30	CX34-49	G61MPV-60C-090	3509268
XPG20-048-230 (IV)	45,500	16.60	12.05	44,000	26,600	8.30	CX34-49	G61MPV-60C-091	3509254
XPG20-048-230 (IV)	45,500	16.00	12.00	44,000	26,400	8.25	CX34-49	G61MPV-60C-110	3509282
XPG20-048-230 (IV)	45,500	16.70	12.30	44,000	26,400	8.30	CX34-49	G61MPV-60C-111	3509255
XPG20-048-230 (IV)	45,500	16.25	12.00	44,000	26,400	8.30	CX34-49	G71MPP-60C-090	3509295
XPG20-048-230 (IV)	45,500	16.00	12.00	44,000	26,400	8.25	CX34-49	G71MPP-60C-110	3509298
XPG20-048-230 (IV)	45,000	14.60	11.65	44,000	26,600	8.20	CX34-49		3509351
XPG20-048-230 (IV)	46,500	16.00	11.95	44,500	26,600	8.00	CX34-60D	O23V3/4-105/120	3509306
XPG20-048-230 (IV)	46,000	14.85	11.85	44,500	26,800	8.35	CX34-60D		3509348

NOTES:

Heat Pump suffixes:

-230 (IV) = HSPF Region IV

-230 (V) = HSPF Region V

When used with gas furnaces, a dual-fuel control (i.e. FM21), a control system with dual-fuel capabilities (LZP-2 or LZP-4), or a thermostat with dual-fuel capabilities must be used (ordered extra).

Certified in accordance with USE certification program which is based on AHRI Standard 210/240 with 25 ft. of connecting refrigerant lines;

Cooling Ratings − 95°F outdoor air temperature and 80 °F db/67° F wb entering indoor coil air.

High Temperature Heating Ratings − 47° F db/43° F wb outdoor air temperature and 70 °F db entering indoor coil air.

Low Temperature Heating Ratings − 17 °F db/15° F wb outdoor air temperature and 70 °F db entering indoor coil air.

All ratings include the use of a blower time delay relay (TDR). All Lennox variable-speed furnaces and Air Handlers have time delay capabilities. Other Furnaces and Air Handlers may require an optional time delay relay (**58M81**) for field installation. See furnace or air handler specifications to determine if relay is needed.

AHRI SYSTEM MATCHES

Model No.	Capacity	SEER	EER	Heat Capacity		HSPF	Coil or Air Handler	Furnace	AHRI Reference
				High	Low				
XPG20-048-230 (IV)	48,000	16.70	12.50	44,500	26,400	8.50	CX34-62C	CBWMV-60C-120	3509312
XPG20-048-230 (IV)	47,500	17.00	12.50	44,500	26,400	8.50	CX34-62C	G61MPV-60C-110	3509311
XPG20-048-230 (IV)	47,500	17.00	12.50	44,500	26,400	8.60	CX34-62C	G61MPV-60C-111	3509259
XPG20-048-230 (IV)	47,000	17.00	12.80	44,000	26,000	8.65	CX34-62D	G60UHV-60D-135	3509262
XPG20-048-230 (IV)	47,000	16.90	12.65	44,000	26,200	8.65	CX34-62D	G61MPV-60D-135	3509261
XPG20-048-230 (IV)	47,000	16.90	12.65	44,000	26,200	8.65	CX34-62D	G71MPP-60D-135	3509301
XPG20-048-230 (IV)	47,000	16.00	12.00	44,500	26,800	8.50	CX34-62D	O23V3/4-105/120	3509305
XPG20-048-230 (IV)	46,500	14.90	12.00	44,500	26,800	8.35	CX34-62D		3509350
XPG20-048-230 (V)	46,000	16.55	12.25	44,000	26,200	7.15	C33-49	G60UHV-60C-090	3509332
XPG20-048-230 (V)	45,500	16.25	12.00	44,000	26,400	7.10	C33-49	G61MPV-60C-090	3509336
XPG20-048-230 (V)	45,500	16.00	12.00	44,000	26,400	7.05	C33-49	G61MPV-60C-110	3509338
XPG20-048-230 (V)	45,000	14.60	11.65	44,000	26,600	7.00	C33-49		3509359
XPG20-048-230 (V)	46,000	14.85	11.85	44,500	26,800	7.10	C33-60D		3509356
XPG20-048-230 (V)	47,000	17.00	12.80	44,000	26,000	7.30	C33-62D	G60UHV-60D-135	3509317
XPG20-048-230 (V)	47,000	16.90	12.65	44,000	26,200	7.25	C33-62D	G61MPV-60D-135	3509324
XPG20-048-230 (V)	46,500	14.90	12.00	44,500	26,800	7.10	C33-62D		3509361
XPG20-048-230 (V)	46,000	15.40	12.10	45,000	26,800	7.55	CBX32M-048		3509333
XPG20-048-230 (V)	46,500	15.35	12.25	45,000	26,800	7.50	CBX32M-060		3509334
XPG20-048-230 (V)	46,500	17.00	12.35	45,000	26,800	7.65	CBX32MV-048		3509315
XPG20-048-230 (V)	46,500	17.00	12.30	45,000	26,800	7.60	CBX32MV-060		3509328
XPG20-048-230 (V)	47,000	16.95	12.85	43,500	26,000	7.30	CBX32MV-068		3509339
XPG20-048-230 (V)	46,500	17.00	12.35	45,000	26,800	7.65	CBX40UHV-048		3509340
XPG20-048-230 (V)	46,500	17.00	12.30	45,000	26,800	7.60	CBX40UHV-060		3509341
XPG20-048-230 (V)	46,500	15.00	12.00	45,500	27,400	7.35	CH23-68		3509357
XPG20-048-230 (V)	46,500	16.90	12.70	43,500	26,000	7.30	CH33-62D	G60UHV-60D-135	3509321
XPG20-048-230 (V)	46,500	16.75	12.50	44,000	26,200	7.25	CH33-62D	G61MPV-60D-135	3509320
XPG20-048-230 (V)	46,000	14.80	11.85	44,500	26,800	7.10	CH33-62D		3509354
XPG20-048-230 (V)	46,500	16.85	12.50	44,500	26,600	7.60	CR33-50/60	G61MPV-60D-135	3509325
XPG20-048-230 (V)	46,500	17.00	12.55	44,500	26,600	7.65	CR33-50/60	G60DFV-60D-135	3509319
XPG20-048-230 (V)	45,500	14.85	11.75	45,000	27,200	7.20	CR33-50/60		3509355
XPG20-048-230 (V)	46,500	17.00	12.55	44,500	26,600	7.65	CR33-60	G60DFV-60D-135	3509323
XPG20-048-230 (V)	46,500	16.85	12.50	44,500	26,600	7.60	CR33-60	G61MPV-60D-135	3509329
XPG20-048-230 (V)	45,500	14.85	11.75	45,000	27,200	7.20	CR33-60		3509352
XPG20-048-230 (V)	46,000	16.55	12.25	44,000	26,200	7.15	CX34-49	G60UHV-60C-090	3509330
XPG20-048-230 (V)	45,500	16.25	12.00	44,000	26,400	7.10	CX34-49	G61MPV-60C-090	3509337
XPG20-048-230 (V)	45,500	16.00	12.00	44,000	26,400	7.05	CX34-49	G61MPV-60C-110	3509322
XPG20-048-230 (V)	45,000	14.60	11.65	44,000	26,600	7.00	CX34-49		3509358
XPG20-048-230 (V)	46,000	14.85	11.85	44,500	26,800	7.10	CX34-60D		3509360
XPG20-048-230 (V)	47,000	17.00	12.80	44,000	26,000	7.30	CX34-62D	G60UHV-60D-135	3509318
XPG20-048-230 (V)	47,000	16.90	12.65	44,000	26,200	7.25	CX34-62D	G61MPV-60D-135	3509314
XPG20-048-230 (V)	46,500	14.90	12.00	44,500	26,800	7.10	CX34-62D		3509353
XPG20-060-230 (IV)	56,500	15.60	11.00	54,000	34,000	8.00	C33-49	G60UHV-60C-090	3509398
XPG20-060-230 (IV)	56,000	15.30	10.80	55,000	34,000	7.90	C33-49	G61MPV-60C-090	3509377
XPG20-060-230 (IV)	56,000	15.60	11.15	54,500	33,600	7.85	C33-49	G61MPV-60C-091	3509364
XPG20-060-230 (IV)	56,500	15.25	10.95	55,000	34,000	7.85	C33-49	G61MPV-60C-110	3509374
XPG20-060-230 (IV)	56,500	15.70	11.50	54,000	33,200	7.90	C33-49	G61MPV-60C-111	3509365
XPG20-060-230 (IV)	56,000	15.30	10.80	55,000	34,000	7.90	C33-49	G71MPP-60C-090	3509410
XPG20-060-230 (IV)	56,500	15.25	10.95	55,000	34,000	7.85	C33-49	G71MPP-60C-110	3509414
XPG20-060-230 (IV)	57,000	14.30	11.20	54,500	33,800	7.95	C33-49		3509462

NOTES:

Heat Pump suffixes:

-230 (IV) = HSPF Region IV

-230 (V) = HSPF Region V

When used with gas furnaces, a dual-fuel control (i.e. FM21), a control system with dual-fuel capabilities (LZP-2 or LZP-4), or a thermostat with dual-fuel capabilities must be used (ordered extra).

Certified in accordance with USE certification program which is based on AHRI Standard 210/240 with 25 ft. of connecting refrigerant lines;

Cooling Ratings − 95°F outdoor air temperature and 80 °F db/67° F wb entering indoor coil air.

High Temperature Heating Ratings − 47° F db/43° F wb outdoor air temperature and 70 °F db entering indoor coil air.

Low Temperature Heating Ratings − 17 °F db/15° F wb outdoor air temperature and 70 °F db entering indoor coil air.

All ratings include the use of a blower time delay relay (TDR). All Lennox variable-speed furnaces and Air Handlers have time delay capabilities. Other Furnaces and Air Handlers may require an optional time delay relay (**58M81**) for field installation. See furnace or air handler specifications to determine if relay is needed.

AHRI SYSTEM MATCHES

Model No.	Capacity	SEER	EER	Heat Capacity		HSPF	Coil or Air Handler	Furnace	AHRI Reference
				High	Low				
XPG20-060-230 (IV)	58,000	14.55	11.35	55,000	34,000	8.15	C33-60D		3509470
XPG20-060-230 (IV)	58,000	15.50	11.50	55,000	33,800	8.30	C33-62C	CBWMV-60C-120	3509404
XPG20-060-230 (IV)	59,000	16.50	11.50	55,500	34,000	8.25	C33-62C	G60UHV-60C-090	3509383
XPG20-060-230 (IV)	58,500	16.15	11.30	55,500	34,200	8.10	C33-62C	G61MPV-60C-090	3509375
XPG20-060-230 (IV)	58,500	15.95	11.40	54,500	33,800	8.05	C33-62C	G61MPV-60C-091	3509366
XPG20-060-230 (IV)	59,000	16.15	11.45	55,500	34,000	8.10	C33-62C	G61MPV-60C-110	3509396
XPG20-060-230 (IV)	58,500	16.10	11.70	54,500	33,400	8.10	C33-62C	G61MPV-60C-111	3509367
XPG20-060-230 (IV)	58,500	16.15	11.30	55,500	34,200	8.10	C33-62C	G71MPP-60C-090	3509412
XPG20-060-230 (IV)	59,000	16.15	11.45	55,500	34,000	8.10	C33-62C	G71MPP-60C-110	3509417
XPG20-060-230 (IV)	59,000	14.90	11.55	55,500	34,000	8.10	C33-62C		3509464
XPG20-060-230 (IV)	58,500	16.45	11.75	54,500	33,400	8.35	C33-62D	G60UHV-60D-135	3509391
XPG20-060-230 (IV)	58,500	16.10	11.50	55,000	33,800	8.30	C33-62D	G61MPV-60D-135	3509382
XPG20-060-230 (IV)	58,500	16.10	11.50	55,000	33,800	8.30	C33-62D	G71MPP-60D-135	3509418
XPG20-060-230 (IV)	58,500	14.65	11.45	55,000	34,000	8.05	C33-62D		3509467
XPG20-060-230 (IV)	56,500	15.70	11.60	54,500	33,400	8.50	CB27UH-060-230		3509407
XPG20-060-230 (IV)	56,500	15.70	11.60	54,500	33,400	8.50	CBX27UH-060-230		3509403
XPG20-060-230 (IV)	56,500	15.10	11.20	55,500	34,200	8.35	CBX32M-048		3509397
XPG20-060-230 (IV)	57,000	15.15	11.30	55,000	34,000	8.30	CBX32M-060		3509373
XPG20-060-230 (IV)	57,000	16.30	11.60	54,500	33,400	8.50	CBX32MV-060		3509362
XPG20-060-230 (IV)	58,500	16.30	12.05	53,500	32,800	8.25	CBX32MV-068		3509385
XPG20-060-230 (IV)	57,000	16.30	11.60	54,500	33,400	8.50	CBX40UHV-060		3509429
XPG20-060-230 (IV)	58,000	16.00	11.50	55,000	33,800	8.70	CH23-68	G60UHV-60C-110	3509409
XPG20-060-230 (IV)	57,500	14.70	11.45	55,500	34,200	8.55	CH23-68		3509465
XPG20-060-230 (IV)	57,000	16.00	11.50	53,500	33,200	8.00	CH33-62D	G60UHV-60C-110	3509423
XPG20-060-230 (IV)	57,500	16.20	11.60	54,500	33,400	8.30	CH33-62D	G60UHV-60D-135	3509376
XPG20-060-230 (IV)	56,500	15.20	11.20	54,000	33,200	8.00	CH33-62D	G61MPV-60C-090	3509430
XPG20-060-230 (IV)	57,500	15.95	11.35	55,000	33,800	8.25	CH33-62D	G61MPV-60D-135	3509393
XPG20-060-230 (IV)	56,500	15.20	11.20	54,000	33,200	8.00	CH33-62D	G71MPP-60C-090	3509431
XPG20-060-230 (IV)	57,500	15.95	11.35	55,000	33,800	8.25	CH33-62D	G71MPP-60D-135	3509420
XPG20-060-230 (IV)	56,500	14.50	11.30	54,000	33,600	8.00	CH33-62D		3509469
XPG20-060-230 (IV)	57,500	16.10	11.35	57,500	34,200	8.50	CR33-50/60	G60DFV-60D-135	3509378
XPG20-060-230 (IV)	56,500	15.50	11.20	54,500	33,600	8.25	CR33-50/60	G61MPV-60C-111	3509408
XPG20-060-230 (IV)	57,000	15.95	11.25	55,500	34,200	8.45	CR33-50/60	G61MPV-60D-135	3509390
XPG20-060-230 (IV)	57,000	15.95	11.25	55,500	34,200	8.45	CR33-50/60	G71MPP-60D-135	3509422
XPG20-060-230 (IV)	56,000	14.50	11.20	55,000	34,000	8.45	CR33-50/60		3509460
XPG20-060-230 (IV)	57,500	16.10	11.35	57,500	34,200	8.50	CR33-60	G60DFV-60D-135	3509381
XPG20-060-230 (IV)	56,000	15.50	11.00	54,500	33,800	8.50	CR33-60	G61MPV-60C-090	3509425
XPG20-060-230 (IV)	56,000	15.50	11.00	55,000	34,000	8.20	CR33-60	G61MPV-60C-091	3509424
XPG20-060-230 (IV)	57,000	15.95	11.25	55,500	34,200	8.45	CR33-60	G61MPV-60D-135	3509389
XPG20-060-230 (IV)	56,000	15.50	11.00	54,500	33,800	8.50	CR33-60	G71MPP-60C-090	3509426
XPG20-060-230 (IV)	57,000	15.95	11.25	55,500	34,200	8.45	CR33-60	G71MPP-60D-135	3509421
XPG20-060-230 (IV)	56,000	14.50	11.20	55,000	34,000	8.45	CR33-60		3509471
XPG20-060-230 (IV)	57,000	15.85	11.40	54,000	33,600	8.05	CX34-49	G60UHV-60C-110	3509406
XPG20-060-230 (IV)	56,500	15.60	11.00	54,000	34,000	8.00	CX34-49	G60UHV-60C-090	3509387
XPG20-060-230 (IV)	56,000	15.30	10.80	55,000	34,000	7.90	CX34-49	G61MPV-60C-090	3509399
XPG20-060-230 (IV)	56,000	15.60	11.15	54,500	33,600	7.85	CX34-49	G61MPV-60C-091	3509368
XPG20-060-230 (IV)	56,500	15.25	10.95	55,000	34,000	7.85	CX34-49	G61MPV-60C-110	3509392
XPG20-060-230 (IV)	56,500	15.70	11.50	54,000	33,200	7.90	CX34-49	G61MPV-60C-111	3509369
XPG20-060-230 (IV)	56,000	15.30	10.80	55,000	34,000	7.90	CX34-49	G71MPP-60C-090	3509411

NOTES:

Heat Pump suffixes:

-230 (IV) = HSPF Region IV

-230 (V) = HSPF Region V

When used with gas furnaces, a dual-fuel control (i.e. FM21), a control system with dual-fuel capabilities (LZP-2 or LZP-4), or a thermostat with dual-fuel capabilities must be used (ordered extra).

Certified in accordance with USE certification program which is based on AHRI Standard 210/240 with 25 ft. of connecting refrigerant lines;

Cooling Ratings − 95°F outdoor air temperature and 80 °F db/67° F wb entering indoor coil air.

High Temperature Heating Ratings − 47° F db/43° F wb outdoor air temperature and 70 °F db entering indoor coil air.

Low Temperature Heating Ratings − 17 °F db/15° F wb outdoor air temperature and 70 °F db entering indoor coil air.

All ratings include the use of a blower time delay relay (TDR). All Lennox variable-speed furnaces and Air Handlers have time delay capabilities. Other Furnaces and Air Handlers may require an optional time delay relay (**58M81**) for field installation. See furnace or air handler specifications to determine if relay is needed.

AHRI SYSTEM MATCHES

Model No.	Capacity	SEER	EER	Heat Capacity		HSPF	Coil or Air Handler	Furnace	AHRI Reference
				High	Low				
XPG20-060-230 (IV)	56,500	15.25	10.95	55,000	34,000	7.85	CX34-49	G71MPP-60C-110	3509415
XPG20-060-230 (IV)	57,000	14.30	11.20	54,500	33,800	7.95	CX34-49		3509466
XPG20-060-230 (IV)	58,000	14.55	11.35	55,000	34,000	8.15	CX34-60D		3509461
XPG20-060-230 (IV)	58,000	15.50	11.50	55,000	33,800	8.30	CX34-62C	CBWMV-60C-120	3509405
XPG20-060-230 (IV)	59,000	16.50	11.50	55,500	34,000	8.25	CX34-62C	G60UHV-60C-090	3509380
XPG20-060-230 (IV)	59,500	16.00	11.50	55,000	33,800	8.00	CX34-62C	G60UHV-60C-110	3509427
XPG20-060-230 (IV)	58,500	16.15	11.30	55,500	34,200	8.10	CX34-62C	G61MPV-60C-090	3509400
XPG20-060-230 (IV)	58,500	15.95	11.40	54,500	33,800	8.05	CX34-62C	G61MPV-60C-091	3509370
XPG20-060-230 (IV)	59,000	16.15	11.45	55,500	34,000	8.10	CX34-62C	G61MPV-60C-110	3509395
XPG20-060-230 (IV)	58,500	16.10	11.70	54,500	33,400	8.10	CX34-62C	G61MPV-60C-111	3509371
XPG20-060-230 (IV)	58,500	16.15	11.30	55,500	34,200	8.10	CX34-62C	G71MPP-60C-090	3509413
XPG20-060-230 (IV)	59,000	16.15	11.45	55,500	34,000	8.10	CX34-62C	G71MPP-60C-110	3509416
XPG20-060-230 (IV)	59,000	14.90	11.55	55,500	34,000	8.10	CX34-62C		3509463
XPG20-060-230 (IV)	58,500	16.45	11.75	54,500	33,400	8.35	CX34-62D	G60UHV-60D-135	3509384
XPG20-060-230 (IV)	58,500	16.10	11.50	55,000	33,800	8.30	CX34-62D	G61MPV-60D-135	3509386
XPG20-060-230 (IV)	58,500	16.10	11.50	55,000	33,800	8.30	CX34-62D	G71MPP-60D-135	3509419
XPG20-060-230 (IV)	57,500	15.50	11.20	54,500	33,600	8.00	CX34-62D	O23V5-140/154	3509428
XPG20-060-230 (IV)	58,500	14.65	11.45	55,000	34,000	8.05	CX34-62D		3509468
XPG20-060-230 (V)	56,500	15.60	11.00	54,000	34,000	6.95	C33-49	G60UHV-60C-090	3509443
XPG20-060-230 (V)	56,000	15.30	10.80	55,000	34,000	6.90	C33-49	G61MPV-60C-090	3509441
XPG20-060-230 (V)	56,500	15.25	10.95	55,000	34,000	6.85	C33-49	G61MPV-60C-110	3509452
XPG20-060-230 (V)	57,000	14.30	11.20	54,500	33,800	6.90	C33-49		3509482
XPG20-060-230 (V)	58,000	14.55	11.35	55,000	34,000	7.05	C33-60D		3509479
XPG20-060-230 (V)	59,000	16.50	11.50	55,500	34,000	7.00	C33-62C	G60UHV-60C-090	3509437
XPG20-060-230 (V)	58,500	16.15	11.30	55,500	34,200	6.95	C33-62C	G61MPV-60C-090	3509435
XPG20-060-230 (V)	59,000	14.90	11.55	55,500	34,000	6.95	C33-62C		3509474
XPG20-060-230 (V)	58,500	16.45	11.75	54,500	33,400	7.20	C33-62D	G60UHV-60D-135	3509432
XPG20-060-230 (V)	58,500	16.10	11.50	55,000	33,800	7.15	C33-62D	G61MPV-60D-135	3509434
XPG20-060-230 (V)	58,500	14.65	11.45	55,000	34,000	6.95	C33-62D		3509480
XPG20-060-230 (V)	57,000	15.15	11.30	55,000	34,000	7.15	CBX32M-060		3509448
XPG20-060-230 (V)	57,000	16.30	11.60	54,500	33,400	7.35	CBX32MV-060		3509363
XPG20-060-230 (V)	58,500	16.30	12.05	53,500	32,800	7.10	CBX32MV-068		3509445
XPG20-060-230 (V)	57,000	16.30	11.60	54,500	33,400	7.35	CBX40UHV-060		3509459
XPG20-060-230 (V)	57,500	14.70	11.45	55,500	34,200	7.35	CH23-68		3509473
XPG20-060-230 (V)	57,500	16.20	11.60	54,500	33,400	7.15	CH33-62D	G60UHV-60D-135	3509450
XPG20-060-230 (V)	57,500	15.95	11.35	55,000	33,800	7.10	CH33-62D	G61MPV-60D-135	3509454
XPG20-060-230 (V)	56,500	14.50	11.30	54,000	33,600	7.00	CH33-62D		3509481
XPG20-060-230 (V)	57,500	16.10	11.35	57,500	34,200	7.30	CR33-50/60	G60DFV-60D-135	3509458
XPG20-060-230 (V)	57,000	15.95	11.25	55,500	34,200	7.25	CR33-50/60	G61MPV-60D-135	3509438
XPG20-060-230 (V)	56,000	14.50	11.20	55,000	34,000	7.35	CR33-50/60		3509483
XPG20-060-230 (V)	57,500	16.10	11.35	57,500	34,200	7.30	CR33-60	G60DFV-60D-135	3509457
XPG20-060-230 (V)	57,000	15.95	11.25	55,500	34,200	7.25	CR33-60	G61MPV-60D-135	3509455
XPG20-060-230 (V)	56,000	14.50	11.20	55,000	34,000	7.35	CR33-60		3509476
XPG20-060-230 (V)	56,500	15.60	11.00	54,000	34,000	6.95	CX34-49	G60UHV-60C-090	3509444
XPG20-060-230 (V)	56,000	15.30	10.80	55,000	34,000	6.90	CX34-49	G61MPV-60C-090	3509446
XPG20-060-230 (V)	56,500	15.25	10.95	55,000	34,000	6.85	CX34-49	G61MPV-60C-110	3509440
XPG20-060-230 (V)	57,000	14.30	11.20	54,500	33,800	6.90	CX34-49		3509477
XPG20-060-230 (V)	58,000	14.55	11.35	55,000	34,000	7.05	CX34-60D		3509478
XPG20-060-230 (V)	58,500	16.15	11.30	55,500	34,200	6.95	CX34-62C	G61MPV-60C-090	3509436

NOTES:

Heat Pump suffixes:

-230 (IV) = HSPF Region IV

-230 (V) = HSPF Region V

When used with gas furnaces, a dual-fuel control (i.e. FM21), a control system with dual-fuel capabilities (LZP-2 or LZP-4), or a thermostat with dual-fuel capabilities must be used (ordered extra).

Certified in accordance with USE certification program which is based on AHRI Standard 210/240 with 25 ft. of connecting refrigerant lines;

Cooling Ratings − 95°F outdoor air temperature and 80 °F db/67° F wb entering indoor coil air.

High Temperature Heating Ratings − 47° F db/43° F wb outdoor air temperature and 70 °F db entering indoor coil air.

Low Temperature Heating Ratings − 17 °F db/15° F wb outdoor air temperature and 70 °F db entering indoor coil air.

All ratings include the use of a blower time delay relay (TDR). All Lennox variable-speed furnaces and Air Handlers have time delay capabilities. Other Furnaces and Air Handlers may require an optional time delay relay (**58M81**) for field installation. See furnace or air handler specifications to determine if relay is needed.

AHRI SYSTEM MATCHES

Model No.	Capacity	SEER	EER	Heat Capacity		HSPF	Coil or Air Handler	Furnace	AHRI Reference
				High	Low				
XPG20-060-230 (V)	59,000	14.90	11.55	55,500	34,000	6.95	CX34-62C		3509472
XPG20-060-230 (V)	58,500	16.45	11.75	54,500	33,400	7.20	CX34-62D	G60UHV-60D-135	3509453
XPG20-060-230 (V)	58,500	16.10	11.50	55,000	33,800	7.15	CX34-62D	G61MPV-60D-135	3509449
XPG20-060-230 (V)	58,500	14.65	11.45	55,000	34,000	6.95	CX34-62D		3509475

NOTES:

Heat Pump suffixes:

-230 (IV) = HSPF Region IV

-230 (V) = HSPF Region V

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REVISIONS

Sections	Description of Change
Specifications	Updated hard start kits for -036-048-060.
AHRI Ratings	Updated all

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NOTE - Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability.
Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury.
Installation and service must be performed by a qualified installer and servicing agency.