

HEAT PUMP OUTDOOR UNITS

XP21N

DAVE LENNOX SIGNATURE® COLLECTION

R-410A - Two-Stage Compressor SilentComfort™ Technology

PRODUCT SPECIFICATIONS

Bulletin No. 210640
December 2013
Supersedes October 2013



iComfort®

So simple. So smart. So comfortable.

SUNSOURCE®
Home Energy System



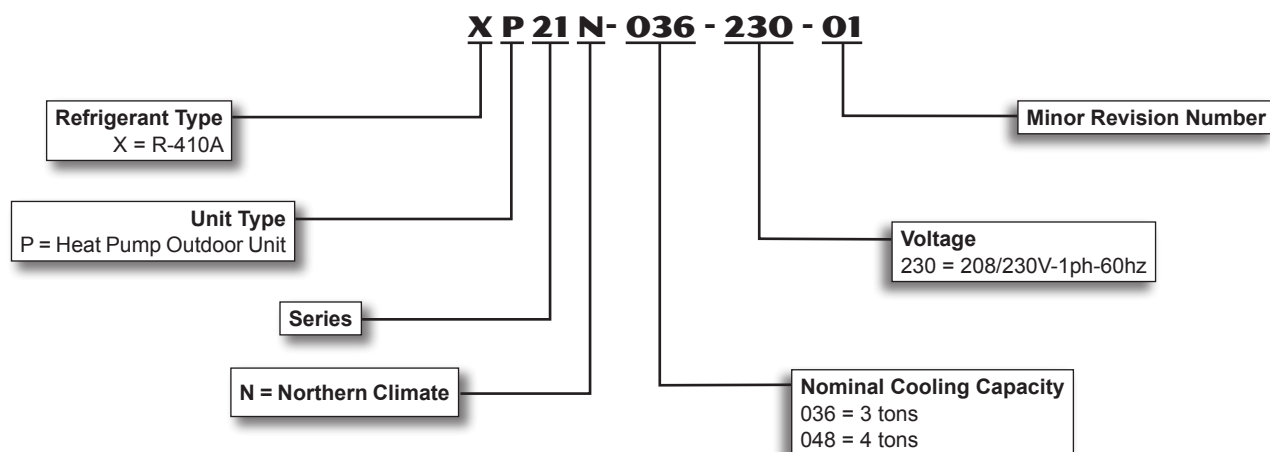
SEER up to 18.20

3 and 4 Tons

Cooling Capacity - 34,600 to 49,000 Btuh

Heating Capacity - 31,800 to 47,500 Btuh

MODEL NUMBER IDENTIFICATION



FEATURES

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WARRANTY

Compressor - Ten year limited warranty 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.

APPROVALS

AHRI Certified to 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 ETL certified for the U.S. and Canada.

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.

All models are listed in the GreenSpec® Directory, a leading resource of environmentally responsible products.

For expanded ratings, see www.lennoxdavenet.com

APPLICATIONS

SEER up to 18.20.

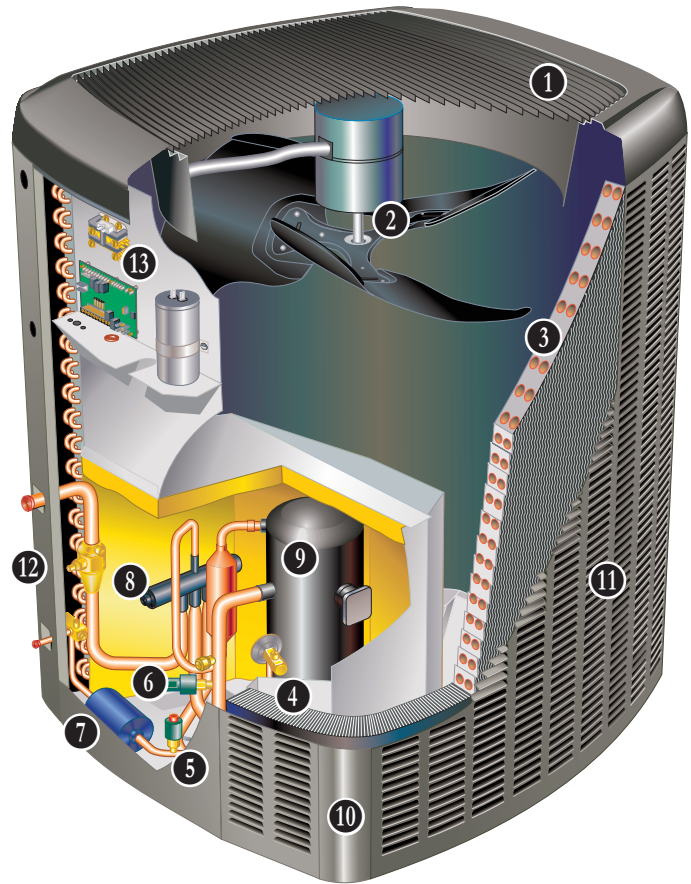
HSPF up to 9.70.

3 and 4 ton.

Single phase power supply.

Sound levels as low as 73 dB.

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 handler units or gas furnaces with indoor add-on coils.

When heat pumps are used with gas furnaces, a dual-fuel control or a control system with dual-fuel capabilities (i.e. Harmony III™, LZP-2 or LZP-4) must be used (order separately).

Also 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 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.



FEATURES

REFRIGERATION SYSTEM (continued)

1 Outdoor Coil Fan Guard with SilentComfort™ Technology

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

Corrosion-resistant PVC (polyvinyl chloride) coated steel wire.

2 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.

Fan motor is inherently protected.

All models have a variable-speed outdoor fan motor for quiet operation.

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

Fan service access accomplished by removal of fan guard.

3 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.

4 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 the heat cycle.

Factory installed and piped.

Discharge Temperature Switch

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

Protects compressor from excessive pressure / temperature.

Automatic reset when temperature drops below setpoint.

5 High Pressure Switch

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

Protects compressor from excessive condensing pressure.

Automatic reset.

6 Low Pressure Switch

Shuts off unit if suction pressure falls below setting.

Provides loss of charge and freeze-up protection.

Automatic reset.

7 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.

8 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.

Optional Accessories

Expansion Valve Kits

Must be ordered separately and field installed on certain indoor units. See TXV 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 setpoint.

Opens at 29°F and closes at 58°F.

Refrigerant Line Kits

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

Suction line fully insulated.

L15 lines are stubbed at both ends.

See Specifications table for selection.

Not available for -060 model and must be field fabricated.

FEATURES

9 COMPRESSOR

Copeland Scroll Ultra Tech™ Two-Stage Compressor

Compressor features high efficiency with uniform suction flow, constant discharge flow, 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 the 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.

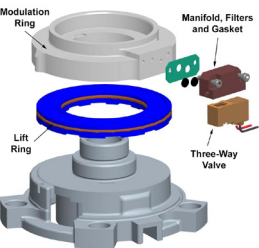
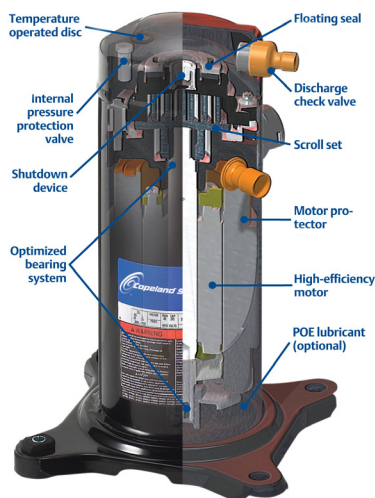
Continuous flank contact, maintained by centrifugal force, minimizes gas leakage and maximizes efficiency. Scroll compressor is tolerant to the effects of slugging and contaminants. If this occurs, scrolls separate, allowing liquid or contaminants to be worked toward the center and discharged.

During the compression process, there are several pockets in the scroll that are compressing gas. Modulation is achieved by venting a portion of the gas in the first suction pocket back to the low side of the compressor thereby reducing the effective displacement of the compressor.

A 24-volt DC solenoid valve inside the compressor controls staging. When the 3-way solenoid is energized it moves the lift ring assembly to block the ports and the compressor operates at full-load or 100% capacity. When the solenoid is de-energized the lift ring assembly moves to unblock the compressor ports and the compressor operates at part-load or approximately 67% of its full-load capacity.

The “loading” and “unloading” of the two stage scroll is done “on the fly” without shutting off the single-speed compressor motor between stages..

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.

10 CABINET

Heavy-gauge steel construction

Pre-painted cabinet finish.

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.

PermaGuard™ Unit Base

Durable zinc-coated base section resists rust and corrosion.

11 SmarHinge™ Louvered Coil Protection

Steel louvered panels provides 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

12 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.

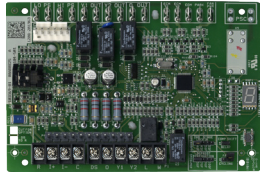
Refrigerant line connections and field wiring inlets are located in one central area of the cabinet. See dimension drawing.

FEATURES

CONTROLS

13 iComfort™ Control

Advanced control communicates information about various operating parameters in the heat pump outdoor unit to the optional *iComfort Wi-Fi® Thermostat* to constantly maintain the highest level of comfort, performance and efficiency available.



Connections for connecting a conventional heat pump thermostat are also provided on the control.

Auto Configuration - On start-up the control automatically sends a description of the unit to the optional *iComfort Wi-Fi® Thermostat* to automatically configure the number of stages and features available.

Seven-Segment Display

Seven-segment display shows information about outdoor unit type and capacity and also displays alerts for common fault conditions (electrical and mechanical).

Control also features:

- Compressor anti-short cycle delay. Five minute delay between 1st and 2nd stage compressor operation (if available). User selectable with communicating thermostat - 1, 2, 3, 4 or 5 minutes. Default setting is 5 minutes. Compressor must operate in first stage a minimum of 5 seconds before second stage operation is permitted.
- Low voltage protection prevents 2nd stage compressor operation when voltage is not within the specified range.
- Compressor defrost shift delay - Adjustable 0 (factory) or 30 seconds.
- Demand defrost using outdoor ambient air temperature, coil temperature and compressor run-time inputs. 14 minute maximum defrost time.
- Selectable defrost termination temperature - 50, 70, 90 or 100°F. Default setting is 50°F.
- Selectable lock-in 2nd-stage (if available) temperature - Off, 40 (factory), 45, 50 or 55°F.
- High and low pressure switch monitoring with provisions for lockout.
- Five-Strike lockout protection protects compressor.
- Discharge line temperature and outdoor air temperature monitoring.
- Fan cycling operates outdoor fan for 5 minutes when outdoor ambient air temperature is between 15°F and 35°F and the compressor has been off for 25 to 30 minutes. Reduces the potential for ice buildup on the fan orifice ring. User selectable 5 minutes on or off (default setting).
- Lennox Humiditrol® Whole Home Dehumidification System (EDA) compatible.

- EEPROM storage of all local configurations.
- Non-volatile memory storage of 100 alarm codes with display of last 10 codes for troubleshooting.

Optional Accessories

Blower Relay Kit

(For Use With EL195E and ML180E Gas Furnaces)

Allows furnace blower speed changes when matched with two-stage heat pumps.

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. Required if outdoor unit is used with a conventional heating-cooling thermostat and air handler (not *iComfort™* control). See furnace or air handler specifications to determine if relay is needed.

Indoor Blower Speed Relay Kit

Relay kit provides optimum humidity control conditions by automatically reducing indoor blower speed during continuous fan or first-stage compressor operation.

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.

Monitor Kit - Service Light

Contains ambient compensating thermistor and service light thermostat.

For use with thermostats requiring input for indicator lights.

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.

Order the thermostat kit and mounting box separately.

FEATURES

CONTROLS (continued)

Optional Accessories

iComfort Wi-Fi® Thermostat (part of the iComfort™ Residential Communicating Control System)

The *iComfort Wi-Fi® Thermostat* recognizes and connects to all *iComfort™*-enabled products to automatically configure and control the heating/cooling system (based on



user-specified settings) for the highest level of comfort, performance and efficiency. Also recognizes model and serial number information for *iComfort™*-enabled products to simplify system installation.

Wi-Fi remote temperature monitoring and adjustment through a home wireless network for desktop PCs, laptops and apps for smartphones or tablets. Service alerts and reminders sent via text message or e-mail.

Dealer Dashboard features online real-time monitoring of installed *iComfort™* systems.

A simple easy-to-use touchscreen allows complete system configuration. Scheduled maintenance alerts, system warnings and troubleshooting are also displayed on thermostat screen.

Easy to read 7-in. color screen (measured diagonally). Conventional outdoor units (not *iComfort™*-enabled) can easily be added and controlled by the *iComfort Wi-Fi® Thermostat*.

Installer setup screens allow quick and simple system configuration without a manual, Installer can also run tests on complete system or individual components for easy maintenance and troubleshooting.

Serial communications bus (RSBus), with less wiring than a conventional heating/cooling system, allows system communication. Uses 4-wire, 18-gauge standard thermostat wiring.

See the *iComfort Wi-Fi® Thermostat* Product Specifications bulletin in the Controls section for more information.

ComfortSense® 7000 Touchscreen Thermostat

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

4 Heat/2 Cool.

Auto-changeover.

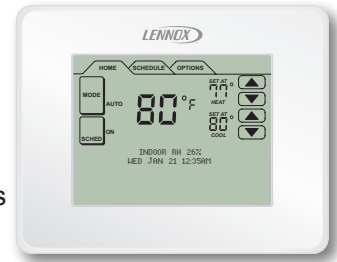
Controls humidity during cooling mode.

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* Product Specifications bulletin in the Controls section for more information.



Outdoor Temperature Sensor

Used with *iComfort Wi-Fi® Thermostats* and *ComfortSense® 7000* thermostat.

When installed outdoors, sensor allows thermostat to display outdoor temperature.

NOTE - Sensor is required for dual fuel and Humiditrol® applications.

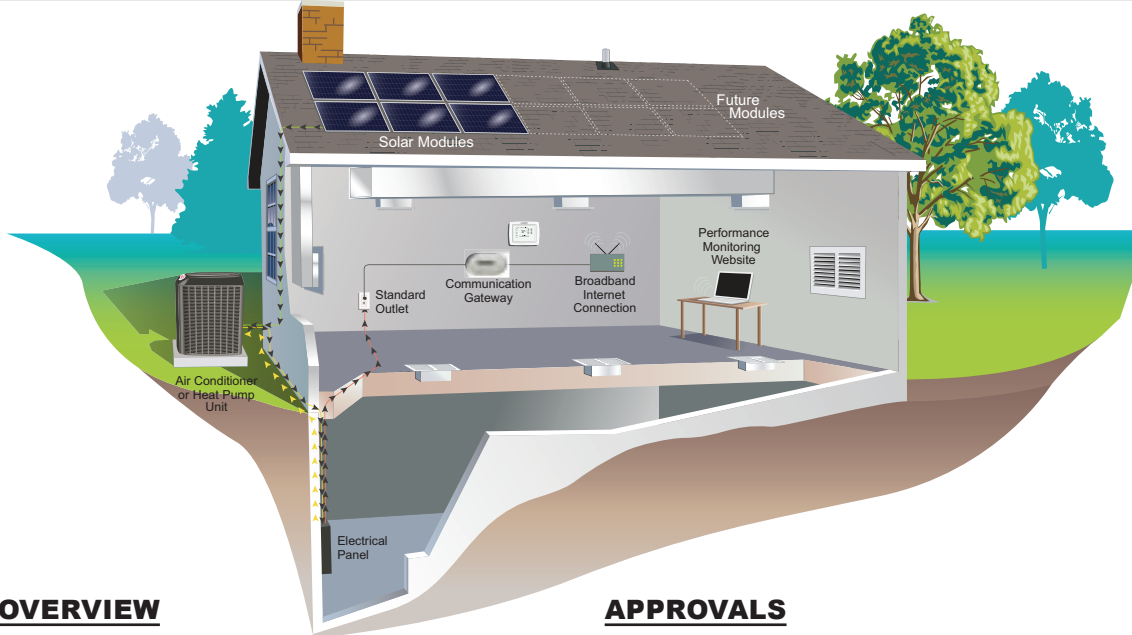


Thermostat

Thermostat (*iComfort Wi-Fi® Thermostats* or programmable/non-programmable) is not furnished with unit.

See Thermostat bulletins in Controls Section and Lennox Price Book for selection.

SUNSOURCE® HOME ENERGY SYSTEM - COMPONENTS



SYSTEM OVERVIEW

All Dave Lennox Signature® Collection air conditioners and heat pumps are equipped at the factory for upgrading to the SunSource® Home Energy System. Units can be upgraded at the time of installation or in the future.

Solar energy is first used to meet cooling/heating demands. When the cooling/heating system is not operating, the system powers lighting, appliances and other electronic devices in the home. And in some locations, any surplus power is sent back to the utility company for a possible credit (check with your local utility company for availability).

The SunSource system consists of the following components:

- Lennox Solar Sub-Panel field installed in a Dave Lennox *Signature*® Collection air conditioner or heat pump unit.
- SolarWorld Pre-Engineered Kits consisting of:
 - SolarWorld Solar Modules (1 to 17 may be used to vary the amount of electricity generated).
 - Enphase Microinverter that converts Direct Current to Alternating Current.
 - Enphase Envoy Communications Gateway for solar power performance monitoring.
 - Roof Mounting Components.

Wiring from the roof mounted solar modules is routed to the outdoor unit. From there power travels to the home electrical service panel using the existing outdoor unit power wiring.

NOTE - Refer to separate Product Specifications Bulletin for the SunSource® Home Energy System for more detailed information. See section Solar - Kits/ Accessories.

Also refer to **SunSource® Home Energy System Applications and Design Guidelines** Manual (Corp. 1312-L2) for complete information on designing, sizing and installing a complete system.

APPROVALS

The SunSource® Home Energy System meets the requirements for federal tax credit eligibility listed under the U.S. Emergency Economic Stabilization Act of 2008, covering 30% of the cost of the solar modules, including installation.

LENNOX® SOLAR SUB-PANEL

The Lennox® Solar Sub-Panel replaces the factory piping panel on the outdoor unit and provides circuit breaker protection and power entry for both HVAC (line) and solar power wiring.

Sub-Panel is equipped with separate circuit breakers for both HVAC (line) voltage and solar power.

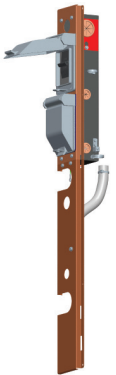
Equipped with pigtail connections for easy field wiring.

Sub-Panel is an ETL listed accessory.

Split design (upper/lower panel) allows installation on different size outdoor units. Sub-Panel is furnished with three separate lower panels. See Outdoor Unit Usage table for correct lower panel size.

NOTE - Sub-Panel is not backwards compatible with older non Solar-Ready Dave Lennox Signature® Collection outdoor units.

Disconnects for HVAC (line) and solar power wiring are not furnished and must be field provided.



SUNSOURCE® HOME ENERGY SYSTEM - COMPONENTS

SOLAR MODULE

Captures solar energy to convert into AC power through the Enphase Microinverter.



Laminated solar module structure consists of the solar glass, two ethylene vinyl acetate (EVA) sheets, the solar cell matrix and a back sheet.

Thick low-iron safety glass withstands extreme weather conditions and heavy snow loads.

Solar modules are ETL/Intertek listed for the US and Canada to UL Standard 1703 and meet National and Canadian Electrical Code requirements.

Solar Module Frame

Available in black or clear anodized silver frame with cast aluminum corner keys.

Low profile with extended flange.

Compatible with “top-down” and “bottom-up” mounting methods.

Eight grounding locations (Four corners of the frame and four locations along the length of the module in the extended flange).

Extended cable lengths for easier installation.

SYSTEM MONITORING

Enphase Envoy Communications Gateway (Communications Booster Furnished)

The Enphase Envoy Communications Gateway monitors microinverter (on solar modules) performance and can be connected to a broadband internet connection to send data to the Enphase



Enlighten™ web site for online monitoring by the homeowner. The Enphase Envoy Communications Gateway is not required, but must be used if system performance monitoring is desired.

System monitoring is also available locally with the Enphase Envoy Communications Gateway and a personal computer if no internet connection is available.

Various Event Messages are also available when monitoring the system via a personal computer locally.

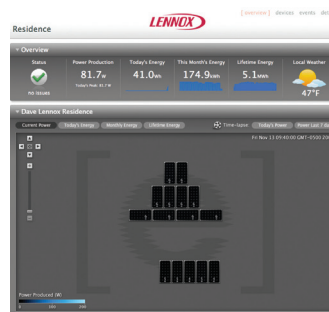
Contents - (1) Enphase Envoy Communications Gateway, (1) 6 ft. power cord, (1) 10 ft. Ethernet cable, communications booster.

CSA (US/C) listed.

Communications Booster

Ethernet bridge signal booster for the Enphase Envoy Communications Gateway. Booster is only needed if the communications gateway is installed and signal is not strong enough in the installed location. Allows the unit to be plugged into an outlet closer to the distribution panel, yet still plug into the broadband router.

Enphase Enlighten™ Performance Monitoring Website



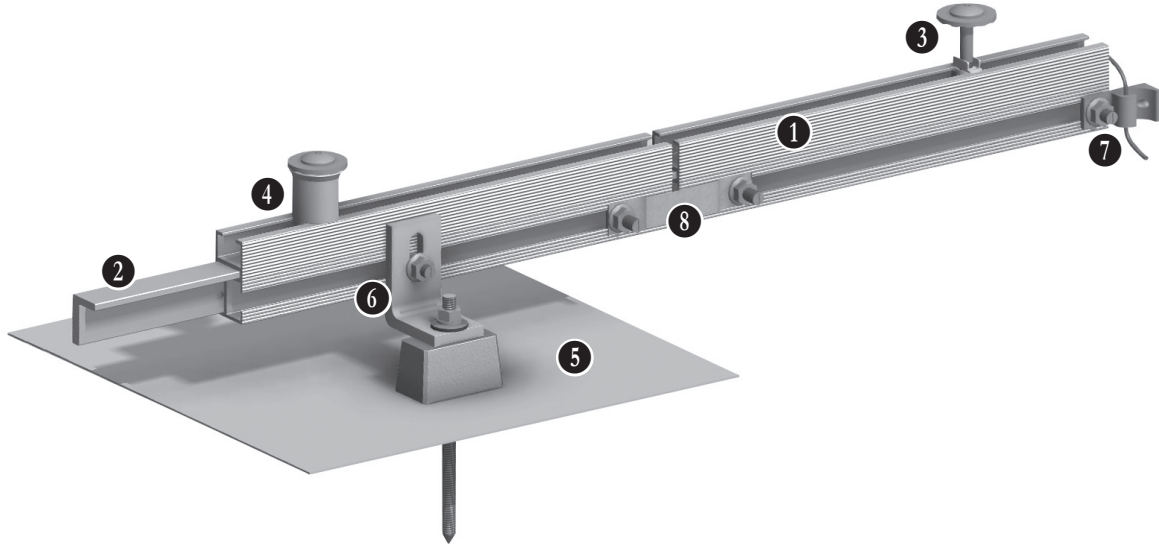
Powered by the Enphase Envoy Communications Gateway, the Enphase Enlighten™ Performance Monitoring website allows the homeowner to keep track of home energy usage and see environmental benefits in real time. Also aids in troubleshooting any solar-

related issues.

See demos, view reference installations and other additional information at:

<http://enlighten.enphaseenergy.com>

ROOF MOUNTING COMPONENTS



- 1 **Rails** - Provides a mounting surface for Solar Modules in portrait orientation using associated hardware. Serrations on sides of rails provide a secure and stable mating surface for hardware (L-Brackets, Rail Splice Ground Jumper, Ground Lug). Available in 122 in. (3099 mm) and 162 in. (4115 mm) lengths.
- 2 **Rail Splice Bar Connector** - For connecting two lengths of rail together. No fasteners required. Pin on center of splice leaves a gap between rails to allow for thermal expansion.
- 3 **Top Clamp Assembly (Silver or Black)** - M8 T40 bolt with channel nut, bolt positioning retainer and serrated module clamping washer. Inserts into rail slot to secure modules and set spacing in-between each one.
- 4 **End Clamp Aluminum Spacer (Silver or Black)** - Used with Top Clamp Assembly for securing the end of module mounting row.
- 5 **Composition Roof Mount/Flashing (Mil Aluminum or Bronze)** - Provides roof mounting surface for mounting system. Size - 12 x 12 in. (305 x 305 mm). Base block, hanger bolt and hardware furnished. Adds 1-1/4 in. (32 mm) height below the L-Bracket.
- 6 **L-Bracket** - Clear anodized aluminum with serrated mating surface. Fastens rail to Roof Mount/Flashing. Has two 1 in. (25 mm) slots that provide adjustment from 2-1/2 to 3-1/2 in. (64 to 89 mm).
Wire Clip (not shown) - Provides wire management for solar array wiring. Fastens to edge of rail. For 10 AWG.
Ground Lug (not shown) - Tin plated, WEEB 8.0, lay-in type. Mounts to corner of solar module.
- 7 **Rail-Equipment Ground WEEB 8.0 Lug** - T-bolt slides into rail for secure connection.
- 8 **Rail Splice Ground Jumper** - WEEB 8.0, pre-assembled with T-bolts. Electrically bonds rails together. Required at each rail splice.
Rooftop Junction Box (not shown) - Soladeck JBox with flashing. Used to transition from the AC-

Interconnection cable to wiring/conduit to the outdoor unit. ETL-listed weather-tight enclosure.

Passthru Kit (not shown) - Used with Rooftop Junction Box. One-branch AC passthru kits. Contains all necessary wiring hardware.

ENPHASE ENGAGE CABLE COMPONENTS

Enphase Engage Cable - The Engage Cable (shown with connector) is a 12 AWG cable with pre-installed connectors (portrait aligned) that plug into the Microinverter. Four wire cable (240V single-phase).

Enphase Engage Cable Terminator - Each Engage Cable is terminated at a junction or combiner box. The opposite end of the cable must be terminated with an Engage Cable Terminator cap.

Enphase Engage Disconnect Tool - Specialized tool that disconnects the Engage Cable from a Microinverter or watertight sealing cap.

Enphase Engage Water-tight Sealing Cap - Use when open connections on the Engage Cable are not mated to a Microinverter.

ENPHASE MICROINVERTER MOUNTING

L-Bracket and associated hardware to mount microinverter to rail.

SUNSOURCE® - PRE-ENGINEERED KITS

ORDERING

SunSource® Pre-Engineered Kits are available for composition shingle roofs, standing seam roofs, trapezoid metal roofs, flat tile roofs and S tile roofs. See the Sunsource Home Energy System Product Specifications bulletin for complete Pre-Engineered Kits ordering instructions and the Ordering Process Flowchart/Worksheet.

The Installation Package contains the appropriate number of required Rails, Splices, Brackets, Clamps, Clips and assorted hardware (nuts/bolts/washers) for the installation.

NOTE

The Lennox® Solar Sub-Panel for the outdoor unit must be ordered separately. See below for ordering information.

Lennox® Solar Sub-Panel



Order one per outdoor unit. Replaces the outdoor unit piping panel and provides the connection between the solar modules and outdoor unit.

62E02

LENNOX® SOLAR SUBPANEL - OUTDOOR UNIT USAGE

Outdoor Unit Model No.	Lower Subpanel Height - in. (mm)	
	17 (432)	27 (686)
XP21N-036	X	
XP21N-048		X

SPECIFICATIONS

General Data		Model No.	XP21N-036	XP21N-048
Nominal Tonnage			3	4
Liquid line (o.d.) - in.			3/8	3/8
Vapor line (o.d.) - in.			7/8	7/8
Refrigerant		¹ R-410A charge furnished	10 lbs. 0 oz.	13 lbs. 15 oz.
Outdoor Coil	Net face area - sq. ft.	Outer coil	20.73	27.21
		Inner Coil	20.08	26.36
		Tube diameter - in.	5/16	5/16
		No. of rows	2	2
		Fins per inch	22	22
Outdoor Fan	Diameter - in.		26	26
	No. of blades		3	3
	Motor hp (W)		1/3	1/3
	Cfm - 1st stage		3000	3700
	2nd stage		3500	4200
	Rpm - 1st stage		700	700
	2nd stage		820	820
	Watts - 1st stage		100	135
	2nd stage		150	185
Shipping Data - lbs. - 1 pkg.			303	346

ELECTRICAL DATA

Line voltage data - 60hz		208/230V-1ph	208/230V-1ph
³ Maximum overcurrent protection (amps)		35	50
² Minimum circuit ampacity		21.9	29.3
Compressor	Rated load amps	15.3	21.2
	Locked rotor amps	83	104
	Power factor	0.98	0.98
Outdoor Coil Fan Motor - Full load amps		2.8	2.8

CONTROLS

iComfort Wi-Fi® Thermostat	10F81	•	•
⁴ Remote Outdoor Sensor (for Humiditrol®)	X2658	•	•
⁵ Discharge Air Temperature Sensor	88K38	•	•
ComfortSense® 7000 Thermostat	Y0349	•	•
Remote Outdoor Sensor (for Humiditrol®)	X2658	•	•

OPTIONAL ACCESSORIES - ORDER SEPARATELY

Blower Relay Kit (for EL195E and ML180E gas furnaces)	85W66	•	•
Compressor Hard Start Kit	63W23	•	
	10J42		•
Freezestat	3/8 in. tubing	93G35	•
	5/8 in. tubing	50A93	•
Indoor Blower Off Delay Relay	58M81	•	•
⁶ Low Ambient Kit	68M04	•	•
Monitor Kit - Service Light	76F53	•	•
Outdoor Thermostat Kit	Thermostat	56A87	•
	Mounting Box	31461	•
Refrigerant Line Sets	L15-65-30 L15-65-40 L15-65-50	•	•

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. For longer line set requirements see the Installation Instructions for information about line set length and additional refrigerant charge required.

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

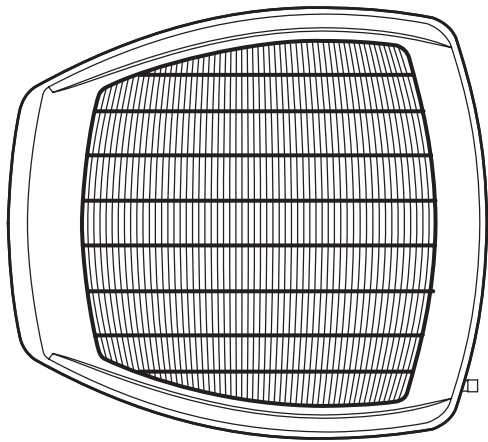
³ HACR type breaker or fuse.

⁴ Remote Outdoor Sensor may be used with an iComfort™-enabled outdoor unit for a secondary (alternate) sensor reading. Sensor may also be used with a conventional outdoor unit.

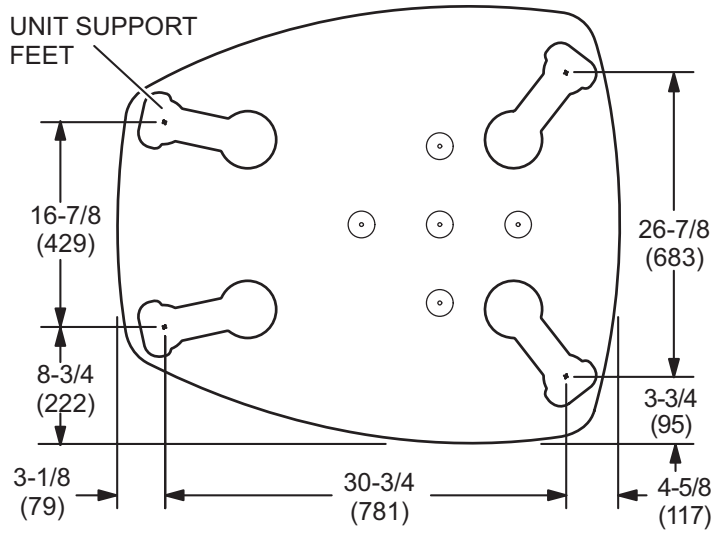
⁵ Optional for EvenHeater® electric heat operation and service diagnostics.

⁶ Compressor Low Ambient Cut-Off and Freezestat are recommended with Low Ambient Kit.

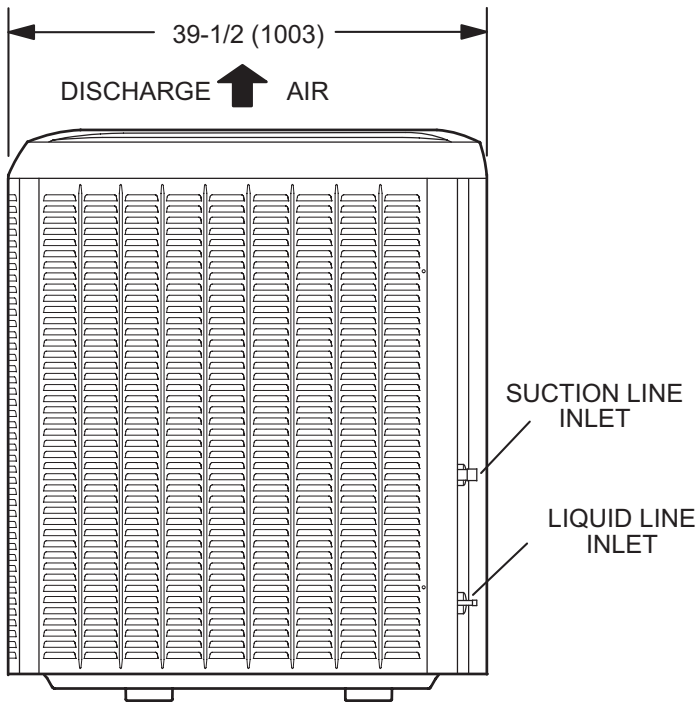
DIMENSIONS - INCHES (MM)



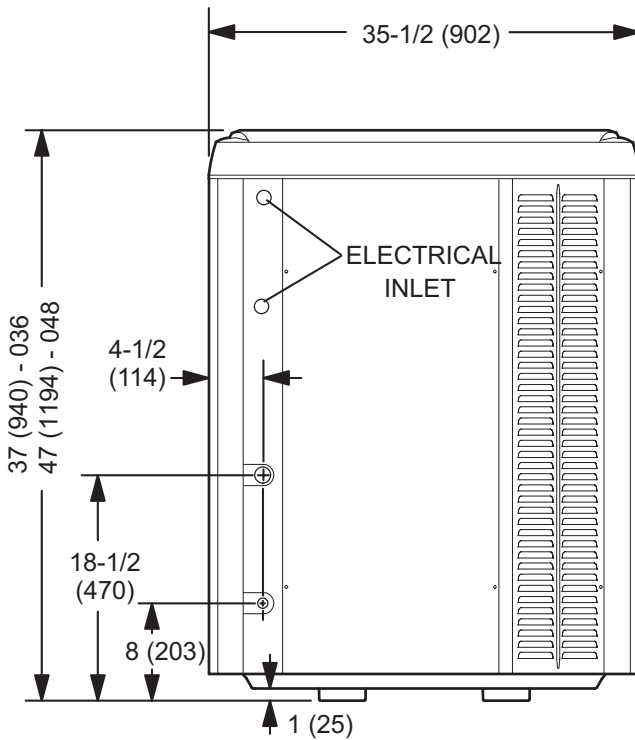
TOP VIEW



**TOP VIEW BASE SECTION
(Large Base)**



SIDE VIEW



ACCESS VIEW

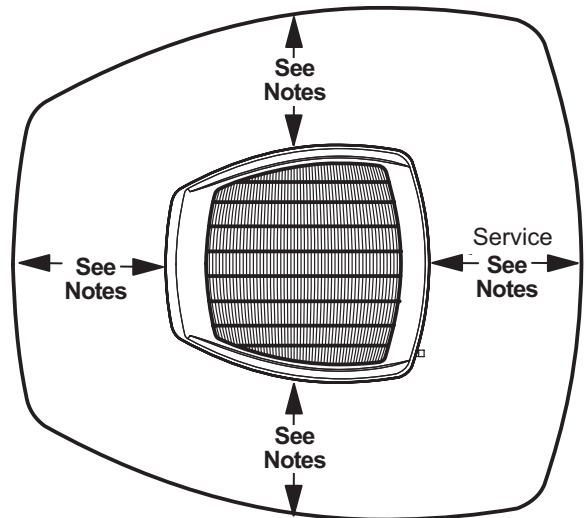
INSTALLATION CLEARANCES - INCHES (MM)

NOTES -

One of these three sides must be 36 in. (914 mm).
 One of the two remaining sides may be 12 in. (305 mm).
 The remaining side may be 6 in. (152 mm).

Service Clearance – 30 in. (762 mm)

48 in. (1219 mm) clearance required on top of unit
 24 in. (610 mm) required between two units



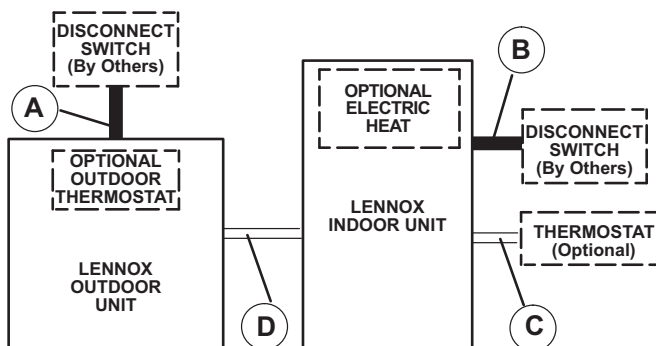
SOUND DATA

¹ Unit Model No.	Octave Band Linear Sound Power Levels dB, re 10 ⁻¹² Center Frequency - HZ								¹ Sound Rating Number (dB)
	63	125	250	500	1000	2000	4000	8000	
XP21N-036	56.6	61.4	68.0	73.3	69.6	65.1	59.6	53.1	76
XP21N-048	49.5	60	64.5	68.5	66	62	56.5	48.5	73

NOTE - the octave sound power data does not include tonal correction.

¹ Tested according to AHRI Standard 270-2008 test conditions.

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 - With Conventional Thermostat
 Ten Wire Low Voltage - With Conventional Thermostat and Optional Outdoor Thermostat
 Four Wire Low Voltage RSBUS (not furnished) 18 ga. minimum - With iComfort Wi-Fi® Thermostat

NOTE - Field Wiring Not Furnished

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

TXV USAGE

Model No.	Order No.
XP21N-036	91M02
XP21N-048	91M02

CX34 upflow coils and all Lennox air handlers are shipped with a factory installed TXV. In most cases, no change out of the valve is needed.

If a change out is required it will be listed in the "TXV SUBSTITUTIONS" table. The correct TXV must be ordered and field installed.

C33 and CH33 coils - Replace the factory installed orifice with the expansion valve listed.

CR33 and CH23 - Use the expansion valve listed.

MOST POPULAR MATCHES

Outdoor Unit Model No.	Indoor Unit Model No
XP21N-036	CBX32MV-048
XP21N-048	CBX32MV-060

*TXV SUBSTITUTIONS

Indoor Coils/Air Handlers with factory installed expansion valves that require field replacement

Model No.	Indoor Coil or Air Handler	Factory TXV	Replacement TXV
XP21N-036	CBX27UH-036	49L24	91M02
XP21N-036	CBX32MV-036	49L24	91M02
XP21N-036	CBX40UHV-036	49L24	91M02
XP21N-036	CX34-38	49L24	91M02
XP21N-036	CX34-43	49L25	91M02
XP21N-036	CX34-44/48	49L25	91M02

* CX34 coils and all air handlers - The factory installed expansion valve must be replaced with the expansion valve listed (ordered separately).

If the combination is not listed above, the factory installed TXV is used.

AHRI STANDARD 210/240

Cooling or heating capacities are net values, including the effects of blower motor heat, and do not include supplementary heat. Power input is the total power input to the compressor(s) and fan(s), plus any controls and other items required as part of the system for normal operation.

Units which do not have an indoor air-circulating blower furnished as part of the model, i.e., split system with indoor coil only, is established by subtracting from the total cooling capacity 1250 Btu/h per 1,000 cfm, and by adding the same amount to the heating capacity. Total power input for both heating and cooling is increased by 365 W per 1,000 cfm of indoor air circulated.

AHRI SYSTEM MATCHES

Model No.	Cooling Capacity	SEER	EER	Heat Capacity		Heat COP		HSPF (IV)	Coil or Air Handler	Furnace	AHRI Reference
				High	Low	High	Low				
XP21N-036-230	37,400	17.20	13.00	32,200	23,000	3.36	2.48	8.50	C33-38	CBWMV-36B-070	5587768
XP21N-036-230	35,400	15.50	11.70	32,600	21,200	3.22	2.38	8.20	C33-38		5588127
XP21N-036-230	36,000	17.00	12.50	32,400	20,800	3.36	2.48	8.50	C33-38A	EL180UH045E36A	5741791
XP21N-036-230	35,800	17.20	12.50	32,400	20,800	3.36	2.46	8.50	C33-38A	SL280UH070V36A	5588006
XP21N-036-230	35,800	17.20	12.50	32,400	20,800	3.36	2.46	8.50	C33-38A	SL280UH070XV36A	5588008
XP21N-036-230	35,800	17.50	13.00	31,800	20,400	3.40	2.50	8.70	C33-38B	EL180UH070E36B	5742106
XP21N-036-230	36,200	17.50	13.00	32,200	20,600	3.46	2.52	8.70	C33-38B	EL180UH090E48B	5742421
XP21N-036-230	35,600	16.70	12.00	32,600	21,000	3.30	2.44	8.50	C33-38B	EL195UH045XE36B	5587791
XP21N-036-230	35,600	17.00	12.50	32,200	20,600	3.36	2.48	8.50	C33-38B	EL195UH070XE36B	5587797
XP21N-036-230	35,600	16.70	12.00	32,600	21,000	3.30	2.44	8.50	C33-38B	EL296UH045XE36B	5650875
XP21N-036-230	35,800	17.50	12.50	32,200	20,800	3.34	2.48	8.50	C33-38B	EL296UH045XV36B	5760899
XP21N-036-230	35,600	17.00	12.50	32,200	20,600	3.36	2.48	8.50	C33-38B	EL296UH070XE36B	5650886
XP21N-036-230	35,800	17.50	12.50	32,200	20,800	3.34	2.46	8.50	C33-38B	EL296UH070XV36B	5761001
XP21N-036-230	35,600	17.00	12.00	32,400	21,000	3.26	2.42	8.50	C33-38B	O23V3/4-105/120	5587903
XP21N-036-230	35,600	17.50	12.20	32,400	21,000	3.32	2.46	8.50	C33-38B	O23V5-140/154	5587920
XP21N-036-230	35,600	17.00	12.20	32,400	21,000	3.30	2.44	8.50	C33-38B	OF23V3/4-105/120	5587937
XP21N-036-230	35,600	17.00	12.20	32,400	21,000	3.30	2.44	8.50	C33-38B	OF23V3/4-105/120R	5587953
XP21N-036-230	35,600	16.20	12.50	32,200	20,800	3.32	2.46	8.50	C33-38B	OF23V5-140/154	5587968
XP21N-036-230	35,600	16.20	12.50	32,200	20,800	3.32	2.46	8.50	C33-38B	OF23V5-140/154R	5587984
XP21N-036-230	36,000	17.50	13.00	32,000	20,600	3.42	2.52	8.50	C33-38B	SL280UH090V36B	5588010
XP21N-036-230	36,000	17.50	12.70	32,000	20,600	3.42	2.52	8.70	C33-38B	SL280UH090V48B	5588017
XP21N-036-230	36,000	17.50	12.70	32,000	20,600	3.42	2.52	8.70	C33-38B	SL280UH090XV48B	5588034
XP21N-036-230	35,800	17.50	12.50	32,200	20,800	3.34	2.46	8.50	C33-38B	SLP98UH070XV36B	5588080
XP21N-036-230	35,800	17.20	12.50	32,400	20,600	3.44	2.58	8.70	C33-43	CBWMV-36B-070	5587769
XP21N-036-230	35,600	15.50	11.70	33,000	21,200	3.28	2.46	8.50	C33-43		5588128
XP21N-036-230	35,800	17.70	13.00	32,000	20,400	3.46	2.60	9.00	C33-43B	EL180UH070E36B	5742102
XP21N-036-230	36,200	18.00	13.00	32,400	20,600	3.52	2.60	9.00	C33-43B	EL180UH090E48B	5742423
XP21N-036-230	35,400	17.00	12.00	32,600	21,000	3.36	2.50	8.50	C33-43B	EL195UH045XE36B	5587792
XP21N-036-230	35,800	17.20	12.50	32,400	20,600	3.42	2.56	8.70	C33-43B	EL195UH070XE36B	5587798
XP21N-036-230	35,400	17.00	12.00	32,600	21,000	3.36	2.50	8.50	C33-43B	EL296UH045XE36B	5650878
XP21N-036-230	36,000	17.50	12.50	32,600	20,800	3.42	2.56	8.70	C33-43B	EL296UH045XV36B	5760900
XP21N-036-230	35,800	17.20	12.50	32,400	20,600	3.42	2.56	8.70	C33-43B	EL296UH070XE36B	5650889
XP21N-036-230	35,800	17.20	12.50	32,600	20,800	3.42	2.54	8.70	C33-43B	EL296UH070XV36B	5760999
XP21N-036-230	35,800	17.00	12.20	32,800	21,000	3.34	2.50	8.50	C33-43B	O23V3/4-105/120	5587904
XP21N-036-230	35,800	17.70	12.20	32,600	20,800	3.40	2.54	8.70	C33-43B	O23V5-140/154	5587921
XP21N-036-230	35,800	17.00	12.20	32,600	21,000	3.36	2.52	8.50	C33-43B	OF23V3/4-105/120	5587938
XP21N-036-230	35,800	17.00	12.20	32,600	21,000	3.36	2.52	8.50	C33-43B	OF23V3/4-105/120R	5588610
XP21N-036-230	35,600	16.20	12.50	32,400	20,800	3.38	2.54	8.70	C33-43B	OF23V5-140/154	5587969
XP21N-036-230	35,600	16.20	12.50	32,400	20,800	3.38	2.54	8.70	C33-43B	OF23V5-140/154R	5587985
XP21N-036-230	36,200	17.50	13.00	32,200	20,600	3.50	2.62	8.70	C33-43B	SL280UH090V36B	5588011
XP21N-036-230	36,000	17.50	12.70	32,400	20,600	3.50	2.60	9.00	C33-43B	SL280UH090V48B	5588018
XP21N-036-230	36,000	17.50	12.70	32,400	20,600	3.50	2.60	9.00	C33-43B	SL280UH090XV48B	5588035
XP21N-036-230	35,800	17.20	12.50	32,600	20,800	3.42	2.54	8.70	C33-43B	SLP98UH070XV36B	5588081
XP21N-036-230	35,800	17.50	12.70	32,200	20,600	3.44	2.58	8.70	C33-43C	CBWMV-36C-090	5587775
XP21N-036-230	36,200	17.50	13.00	32,400	20,600	3.46	2.60	9.00	C33-43C	EL195UH090XE48C	5587807
XP21N-036-230	36,200	17.50	13.00	32,400	20,600	3.46	2.60	9.00	C33-43C	EL296UH090XE48C	5650882

NOTES:

All matches with EL195E and ML180E gas furnaces require the use of a Blower Motor Relay Kit (**85W66**) for proper unit operation.

Ratings are AHRI certified to 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.

Also see TXV Substitution Table at the beginning of the Heat Pump AHRI System Matches section.

When used with gas furnaces, a dual-fuel control, a control system with dual-fuel capabilities (LZP-2 or LZP-4), or a thermostat with dual-fuel capabilities must be used (order separately).

To convert HSPF from Region IV to Region V - Divide by 1.15.

AHRI SYSTEM MATCHES

Model No.	Cooling Capacity	SEER	EER	Heat Capacity		Heat COP		HSPF (IV)	Coil or Air Handler	Furnace	AHRI Reference
				High	Low	High	Low				
XP21N-036-230	36,200	17.50	12.70	32,400	20,600	3.50	2.60	9.00	C33-43C	EL296UH090XV36C	5761087
XP21N-036-230	35,800	17.50	12.70	32,200	20,400	3.46	2.60	8.70	C33-43C	EL296UH090XV48C	5761177
XP21N-036-230	36,600	17.70	12.70	32,600	20,800	3.52	2.60	9.00	C33-43C	EL296UH090XV60C	5761269
XP21N-036-230	36,200	18.00	13.00	32,200	20,600	3.50	2.62	9.00	C33-43C	EL296UH110XV48C	5685278
XP21N-036-230	36,200	18.00	13.00	32,200	20,600	3.50	2.62	9.00	C33-43C	EL296UH110XV48C	5761303
XP21N-036-230	36,400	18.00	13.00	32,600	20,600	3.54	2.62	9.00	C33-43C	EL296UH110XV60C	5761398
XP21N-036-230	35,800	17.00	12.20	32,800	21,000	3.34	2.50	8.50	C33-43C	O23V3/4-105/120	5587905
XP21N-036-230	35,800	17.70	12.20	32,600	20,800	3.40	2.54	8.70	C33-43C	O23V5-140/154	5587922
XP21N-036-230	35,800	17.00	12.20	32,600	21,000	3.36	2.52	8.50	C33-43C	OF23V3/4-105/120	5587939
XP21N-036-230	35,800	17.00	12.20	32,600	21,000	3.36	2.52	8.50	C33-43C	OF23V3/4-105/120R	5588611
XP21N-036-230	35,600	16.20	12.50	32,400	20,800	3.38	2.54	8.70	C33-43C	OF23V5-140/154	5587970
XP21N-036-230	35,600	16.20	12.50	32,400	20,800	3.38	2.54	8.70	C33-43C	OF23V5-140/154R	5587986
XP21N-036-230	36,400	18.00	13.00	32,600	20,600	3.56	2.62	9.00	C33-43C	SL280UH090V60C	5588024
XP21N-036-230	36,400	18.00	13.00	32,600	20,600	3.56	2.62	9.00	C33-43C	SL280UH090XV60C	5588041
XP21N-036-230	36,400	17.70	13.00	32,600	20,800	3.52	2.62	8.70	C33-43C	SL280UH110V60C	5588051
XP21N-036-230	36,400	17.70	13.00	32,600	20,800	3.52	2.62	8.70	C33-43C	SL280UH110XV60C	5588061
XP21N-036-230	36,200	17.50	12.70	32,400	20,600	3.50	2.60	9.00	C33-43C	SLP98UH090XV36C	5588087
XP21N-036-230	35,800	17.50	12.70	32,200	20,400	3.46	2.60	8.70	C33-43C	SLP98UH090XV48C	5588097
XP21N-036-230	36,600	17.70	12.70	32,600	20,800	3.52	2.60	9.00	C33-43C	SLP98UH090XV60C	5588107
XP21N-036-230	36,400	18.00	13.00	32,600	20,600	3.54	2.62	9.00	C33-43C	SLP98UH110XV60C	5588117
XP21N-036-230	35,000	15.00	11.70	32,600	21,000	3.12	2.34	8.00	C33-48		5588129
XP21N-036-230	35,400	16.70	12.50	32,200	20,600	3.24	2.44	8.20	C33-48B	CBWMV-36B-070	5587770
XP21N-036-230	35,400	17.00	12.70	31,800	20,200	3.28	2.48	8.50	C33-48B	EL180UH070E36B	5742107
XP21N-036-230	35,800	17.00	12.70	32,200	20,400	3.32	2.48	8.50	C33-48B	EL180UH090E48B	5742418
XP21N-036-230	36,600	16.20	12.20	33,000	21,200	3.18	2.40	8.20	C33-48B	EL195UH045XE36B	5587793
XP21N-036-230	35,400	16.50	12.50	32,200	20,600	3.22	2.44	8.50	C33-48B	EL195UH070XE36B	5587799
XP21N-036-230	36,600	16.20	12.20	33,000	21,200	3.18	2.40	8.20	C33-48B	EL296UH045XE36B	5650896
XP21N-036-230	35,400	16.70	12.20	32,200	20,600	3.24	2.42	8.20	C33-48B	EL296UH045XV36B	5760897
XP21N-036-230	35,400	16.50	12.50	32,200	20,600	3.22	2.44	8.50	C33-48B	EL296UH070XE36B	5650881
XP21N-036-230	35,600	16.70	12.50	32,400	20,600	3.24	2.42	8.20	C33-48B	EL296UH070XV36B	5761000
XP21N-036-230	35,200	16.20	12.00	32,400	20,800	3.18	2.38	8.20	C33-48B	O23V3/4-105/120	5587906
XP21N-036-230	35,400	17.00	12.20	32,400	20,800	3.20	2.42	8.50	C33-48B	O23V5-140/154	5587923
XP21N-036-230	35,400	16.50	12.20	32,400	20,800	3.20	2.40	8.20	C33-48B	OF23V3/4-105/120	5587940
XP21N-036-230	35,400	16.50	12.20	32,400	20,800	3.20	2.40	8.20	C33-48B	OF23V3/4-105/120R	5587954
XP21N-036-230	35,200	15.70	12.20	32,200	20,600	3.20	2.42	8.20	C33-48B	OF23V5-140/154	5587971
XP21N-036-230	35,200	15.70	12.20	32,200	20,600	3.20	2.42	8.20	C33-48B	OF23V5-140/154R	5587987
XP21N-036-230	35,600	17.00	12.70	32,000	20,400	3.30	2.48	8.50	C33-48B	SL280UH090V36B	5588012
XP21N-036-230	35,800	16.70	12.70	32,000	20,400	3.30	2.48	8.50	C33-48B	SL280UH090V48B	5588019
XP21N-036-230	35,800	16.70	12.70	32,000	20,400	3.30	2.48	8.50	C33-48B	SL280UH090XV48B	5588036
XP21N-036-230	35,600	16.70	12.50	32,400	20,600	3.24	2.42	8.20	C33-48B	SLP98UH070XV36B	5588082
XP21N-036-230	35,400	16.70	12.50	32,000	20,400	3.26	2.46	8.50	C33-48C	CBWMV-36C-090	5587776
XP21N-036-230	36,200	16.70	13.00	32,400	20,600	3.28	2.46	8.50	C33-48C	EL195UH090XE48C	5587808
XP21N-036-230	36,200	16.70	13.00	32,400	20,600	3.28	2.46	8.50	C33-48C	EL296UH090XE48C	5650880
XP21N-036-230	35,600	17.00	12.70	32,200	20,400	3.28	2.46	8.50	C33-48C	EL296UH090XV36C	5761083
XP21N-036-230	35,400	17.00	12.70	32,000	20,400	3.26	2.48	8.50	C33-48C	EL296UH090XV48C	5761179
XP21N-036-230	36,200	17.00	12.70	32,400	20,800	3.34	2.48	8.50	C33-48C	EL296UH090XV60C	5761275

NOTES:

All matches with EL195E and ML180E gas furnaces require the use of a Blower Motor Relay Kit (**85W66**) for proper unit operation.

Ratings are AHRI certified to 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.

Also see TXV Substitution Table at the beginning of the Heat Pump AHRI System Matches section.

When used with gas furnaces, a dual-fuel control, a control system with dual-fuel capabilities (LZP-2 or LZP-4), or a thermostat with dual-fuel capabilities must be used (order separately).

To convert HSPF from Region IV to Region V - Divide by 1.15.

AHRI SYSTEM MATCHES

Model No.	Cooling Capacity	SEER	EER	Heat Capacity		Heat COP		HSPF (IV)	Coil or Air Handler	Furnace	AHRI Reference
				High	Low	High	Low				
XP21N-036-230	35,600	17.20	12.70	32,000	20,400	3.30	2.48	8.50	C33-48C	EL296UH110XV48C	5685272
XP21N-036-230	35,600	17.20	12.70	32,000	20,400	3.30	2.48	8.50	C33-48C	EL296UH110XV48C	5761297
XP21N-036-230	36,000	17.20	12.70	32,200	20,600	3.36	2.48	8.50	C33-48C	EL296UH110XV60C	5761395
XP21N-036-230	35,200	16.20	12.00	32,400	20,800	3.18	2.38	8.20	C33-48C	O23V3/4-105/120	5587907
XP21N-036-230	35,400	17.00	12.20	32,400	20,800	3.20	2.42	8.50	C33-48C	O23V5-140/154	5587924
XP21N-036-230	35,400	16.50	12.20	32,400	20,800	3.20	2.40	8.20	C33-48C	OF23V3/4-105/120	5587941
XP21N-036-230	35,400	16.50	12.20	32,400	20,800	3.20	2.40	8.20	C33-48C	OF23V3/4-105/120R	5587955
XP21N-036-230	35,200	15.70	12.20	32,200	20,600	3.20	2.42	8.20	C33-48C	OF23V5-140/154	5587972
XP21N-036-230	35,200	15.70	12.20	32,200	20,600	3.20	2.42	8.20	C33-48C	OF23V5-140/154R	5587988
XP21N-036-230	36,200	17.20	12.70	32,200	20,600	3.36	2.52	8.50	C33-48C	SL280UH090V60C	5588025
XP21N-036-230	36,200	17.20	12.70	32,200	20,600	3.36	2.52	8.50	C33-48C	SL280UH090XV60C	5588042
XP21N-036-230	36,000	17.00	12.70	32,400	20,600	3.34	2.48	8.50	C33-48C	SL280UH110V60C	5588052
XP21N-036-230	36,000	17.00	12.70	32,400	20,600	3.34	2.48	8.50	C33-48C	SL280UH110XV60C	5588062
XP21N-036-230	35,600	17.00	12.70	32,200	20,400	3.28	2.46	8.50	C33-48C	SLP98UH090XV36C	5588088
XP21N-036-230	35,400	17.00	12.70	32,000	20,400	3.26	2.48	8.50	C33-48C	SLP98UH090XV48C	5588098
XP21N-036-230	36,200	17.00	12.70	32,400	20,800	3.34	2.48	8.50	C33-48C	SLP98UH090XV60C	5588108
XP21N-036-230	36,000	17.20	12.70	32,200	20,600	3.36	2.48	8.50	C33-48C	SLP98UH110XV60C	5588118
XP21N-036-230	35,600	15.00	11.70	32,600	21,200	3.38	2.50	8.50	C33-49		5588130
XP21N-036-230	36,000	16.70	12.70	32,000	20,600	3.56	2.64	9.00	C33-49C	CBWMV-36C-090	5587777
XP21N-036-230	36,200	16.70	12.70	32,000	20,600	3.58	2.64	9.00	C33-49C	EL195UH090XE48C	5587809
XP21N-036-230	36,200	16.70	12.70	32,000	20,600	3.58	2.64	9.00	C33-49C	EL296UH090XE48C	5650897
XP21N-036-230	36,200	16.70	12.70	32,000	20,600	3.58	2.64	9.00	C33-49C	EL296UH090XV36C	5761081
XP21N-036-230	36,000	17.00	12.70	32,000	20,400	3.58	2.64	9.00	C33-49C	EL296UH090XV48C	5761175
XP21N-036-230	36,800	17.00	12.70	32,400	20,800	3.64	2.66	9.00	C33-49C	EL296UH090XV60C	5761277
XP21N-036-230	36,400	17.20	12.70	32,000	20,600	3.60	2.66	9.00	C33-49C	EL296UH110XV48C	5685280
XP21N-036-230	36,400	17.20	12.70	32,000	20,600	3.60	2.66	9.00	C33-49C	EL296UH110XV48C	5761305
XP21N-036-230	36,600	17.00	13.00	32,200	20,600	3.66	2.66	9.00	C33-49C	EL296UH110XV60C	5761393
XP21N-036-230	35,800	16.20	12.00	32,400	21,000	3.44	2.54	8.50	C33-49C	O23V3/4-105/120	5587908
XP21N-036-230	36,000	17.00	12.20	32,400	21,000	3.50	2.56	8.70	C33-49C	O23V5-140/154	5587925
XP21N-036-230	35,800	16.50	12.20	32,400	21,000	3.46	2.56	8.50	C33-49C	OF23V3/4-105/120	5587942
XP21N-036-230	35,800	16.50	12.20	32,400	21,000	3.46	2.56	8.50	C33-49C	OF23V3/4-105/120R	5587956
XP21N-036-230	35,800	15.70	12.50	32,200	20,800	3.50	2.60	8.70	C33-49C	OF23V5-140/154	5587973
XP21N-036-230	35,800	15.70	12.50	32,200	20,800	3.50	2.60	8.70	C33-49C	OF23V5-140/154R	5587989
XP21N-036-230	36,800	17.20	13.00	32,200	20,600	3.66	2.66	9.00	C33-49C	SL280UH090V60C	5588026
XP21N-036-230	36,800	17.20	13.00	32,200	20,600	3.66	2.66	9.00	C33-49C	SL280UH090XV60C	5588043
XP21N-036-230	36,600	17.00	12.70	32,200	20,800	3.62	2.66	9.00	C33-49C	SL280UH110V60C	5588053
XP21N-036-230	36,600	17.00	12.70	32,200	20,800	3.62	2.66	9.00	C33-49C	SL280UH110XV60C	5588063
XP21N-036-230	36,200	16.70	12.70	32,000	20,600	3.58	2.64	9.00	C33-49C	SLP98UH090XV36C	5588089
XP21N-036-230	36,000	17.00	12.70	32,000	20,400	3.58	2.64	9.00	C33-49C	SLP98UH090XV48C	5588099
XP21N-036-230	36,800	17.00	12.70	32,400	20,800	3.64	2.66	9.00	C33-49C	SLP98UH090XV60C	5588109
XP21N-036-230	36,600	17.00	13.00	32,200	20,600	3.66	2.66	9.00	C33-49C	SLP98UH110XV60C	5588119
XP21N-036-230	35,800	17.50	12.70	32,200	20,600	3.44	2.58	8.70	C33-50/60C	CBWMV-36C-090	5587778
XP21N-036-230	36,000	17.50	12.70	32,200	20,600	3.44	2.58	9.00	C33-50/60C	EL195UH090XE48C	5587810
XP21N-036-230	36,000	17.50	12.70	32,200	20,600	3.44	2.58	9.00	C33-50/60C	EL296UH090XE48C	5650885
XP21N-036-230	36,000	17.50	12.70	32,400	20,600	3.48	2.58	8.70	C33-50/60C	EL296UH090XV36C	5761082
XP21N-036-230	35,800	17.70	12.70	32,200	20,400	3.46	2.58	8.70	C33-50/60C	EL296UH090XV48C	5761183

NOTES:

All matches with EL195E and ML180E gas furnaces require the use of a Blower Motor Relay Kit (**85W66**) for proper unit operation.

Ratings are AHRI certified to 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.

Also see TXV Substitution Table at the beginning of the Heat Pump AHRI System Matches section.

When used with gas furnaces, a dual-fuel control, a control system with dual-fuel capabilities (LZP-2 or LZP-4), or a thermostat with dual-fuel capabilities must be used (order separately).

To convert HSPF from Region IV to Region V - Divide by 1.15.

AHRI SYSTEM MATCHES

Model No.	Cooling Capacity	SEER	EER	Heat Capacity		Heat COP		HSPF (IV)	Coil or Air Handler	Furnace	AHRI Reference
				High	Low	High	Low				
XP21N-036-230	36,400	17.70	12.70	32,600	20,800	3.52	2.60	8.70	C33-50/60C	EL296UH090XV60C	5761274
XP21N-036-230	36,000	17.70	13.00	32,200	20,600	3.48	2.62	9.00	C33-50/60C	EL296UH110XV48C	5685277
XP21N-036-230	36,000	17.70	13.00	32,200	20,600	3.48	2.62	9.00	C33-50/60C	EL296UH110XV48C	5761302
XP21N-036-230	36,400	17.70	13.00	32,400	20,600	3.52	2.62	9.00	C33-50/60C	EL296UH110XV60C	5761392
XP21N-036-230	35,600	17.00	12.00	32,600	21,000	3.32	2.50	8.50	C33-50/60C	O23V3/4-105/120	5587909
XP21N-036-230	35,800	17.70	12.20	32,600	20,800	3.38	2.52	8.70	C33-50/60C	O23V5-140/154	5587926
XP21N-036-230	35,600	17.00	12.20	32,600	21,000	3.36	2.52	8.50	C33-50/60C	OF23V3/4-105/120	5587943
XP21N-036-230	35,600	17.00	12.20	32,600	21,000	3.36	2.52	8.50	C33-50/60C	OF23V3/4-105/120R	5587957
XP21N-036-230	35,600	16.20	12.50	32,400	20,800	3.38	2.54	8.70	C33-50/60C	OF23V5-140/154	5587974
XP21N-036-230	35,600	16.20	12.50	32,400	20,800	3.38	2.54	8.70	C33-50/60C	OF23V5-140/154R	5587990
XP21N-036-230	36,400	18.00	13.00	32,600	20,600	3.54	2.62	9.00	C33-50/60C	SL280UH090V60C	5588027
XP21N-036-230	36,400	18.00	13.00	32,600	20,600	3.54	2.62	9.00	C33-50/60C	SL280UH090XV60C	5588044
XP21N-036-230	36,400	17.70	12.70	32,600	20,600	3.50	2.62	8.70	C33-50/60C	SL280UH110V60C	5588054
XP21N-036-230	36,400	17.70	12.70	32,600	20,600	3.50	2.62	8.70	C33-50/60C	SL280UH110XV60C	5588064
XP21N-036-230	36,000	17.50	12.70	32,400	20,600	3.48	2.58	8.70	C33-50/60C	SLP98UH090XV36C	5588090
XP21N-036-230	35,800	17.70	12.70	32,200	20,400	3.46	2.58	8.70	C33-50/60C	SLP98UH090XV48C	5588100
XP21N-036-230	36,400	17.70	12.70	32,600	20,800	3.52	2.60	8.70	C33-50/60C	SLP98UH090XV60C	5588110
XP21N-036-230	36,400	17.70	13.00	32,400	20,600	3.52	2.62	9.00	C33-50/60C	SLP98UH110XV60C	5588120
XP21N-036-230	35,400	15.50	11.70	32,800	21,200	3.28	2.46	8.20	C33-50/60C		5588131
XP21N-036-230	35,200	17.20	12.50	33,200	21,000	3.72	2.56	9.20	CBX27UH-036		5588132
XP21N-036-230	36,400	17.50	13.20	33,000	21,000	3.94	2.88	9.70	CBX27UH-042		5588133
XP21N-036-230	35,200	17.70	12.20	33,400	21,200	3.70	2.52	9.20	CBX32MV-036		5588134
XP21N-036-230	36,600	18.00	13.20	33,200	21,000	3.94	2.88	9.70	CBX32MV-048		5588135
XP21N-036-230	35,200	17.20	12.50	33,200	21,000	3.74	2.54	9.20	CBX40UHV-036		5588136
XP21N-036-230	36,400	17.70	13.00	33,200	21,000	3.94	2.88	9.50	CBX40UHV-042		5588137
XP21N-036-230	36,400	17.20	13.20	33,000	21,000	3.94	2.88	9.50	CBX40UHV-048		5588138
XP21N-036-230	36,600	16.50	12.70	32,600	20,800	3.64	2.64	8.70	CH33-43B	CBWMV-36B-070	5587771
XP21N-036-230	37,000	16.50	12.50	33,000	21,000	3.66	2.66	9.00	CH33-43B	EL180UH070E36B	5742105
XP21N-036-230	36,600	16.50	13.00	32,600	20,800	3.68	2.66	9.00	CH33-43B	EL180UH090E48B	5742424
XP21N-036-230	35,600	16.00	12.00	32,800	21,000	3.56	2.60	8.70	CH33-43B	EL195UH045XE36B	5587794
XP21N-036-230	36,600	15.50	12.20	33,000	21,200	3.58	2.60	8.70	CH33-43B	EL195UH070XE36B	5587800
XP21N-036-230	35,600	16.00	12.00	32,800	21,000	3.56	2.60	8.70	CH33-43B	EL296UH045XE36B	5650883
XP21N-036-230	36,600	16.50	12.50	32,800	21,000	3.62	2.62	8.70	CH33-43B	EL296UH045XV36B	5760896
XP21N-036-230	36,600	15.50	12.20	33,000	21,200	3.58	2.60	8.70	CH33-43B	EL296UH070XE36B	5650879
XP21N-036-230	36,800	16.50	12.50	32,800	21,000	3.62	2.64	8.70	CH33-43B	EL296UH070XV36B	5760997
XP21N-036-230	36,400	16.00	12.20	33,000	21,200	3.54	2.56	8.70	CH33-43B	O23V3/4-105/120	5587910
XP21N-036-230	36,600	16.70	12.50	33,000	21,000	3.58	2.60	8.70	CH33-43B	O23V5-140/154	5587927
XP21N-036-230	36,400	16.20	12.20	33,000	21,200	3.56	2.60	8.70	CH33-43B	OF23V3/4-105/120	5587944
XP21N-036-230	36,400	16.20	12.20	33,000	21,200	3.56	2.60	8.70	CH33-43B	OF23V3/4-105/120R	5587958
XP21N-036-230	36,400	15.20	12.50	32,800	21,000	3.58	2.62	8.70	CH33-43B	OF23V5-140/154	5587975
XP21N-036-230	36,400	15.20	12.50	32,800	21,000	3.58	2.62	8.70	CH33-43B	OF23V5-140/154R	5587991
XP21N-036-230	36,800	16.70	13.00	32,600	20,800	3.70	2.68	9.00	CH33-43B	SL280UH090V36B	5588013
XP21N-036-230	36,800	16.50	12.70	32,600	20,800	3.70	2.68	9.00	CH33-43B	SL280UH090V48B	5588020
XP21N-036-230	36,800	16.50	12.70	32,600	20,800	3.70	2.68	9.00	CH33-43B	SL280UH090XV48B	5588037
XP21N-036-230	36,800	16.50	12.50	32,800	21,000	3.62	2.64	8.70	CH33-43B	SLP98UH070XV36B	5588083
XP21N-036-230	36,400	15.00	12.00	33,200	21,400	3.50	2.54	8.50	CH33-43B		5588139

NOTES:

All matches with EL195E and ML180E gas furnaces require the use of a Blower Motor Relay Kit (**85W66**) for proper unit operation.

Ratings are AHRI certified to 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.

Also see TXV Substitution Table at the beginning of the Heat Pump AHRI System Matches section.

When used with gas furnaces, a dual-fuel control, a control system with dual-fuel capabilities (LZP-2 or LZP-4), or a thermostat with dual-fuel capabilities must be used (order separately).

To convert HSPF from Region IV to Region V - Divide by 1.15.

AHRI SYSTEM MATCHES

Model No.	Cooling Capacity	SEER	EER	Heat Capacity		Heat COP		HSPF (IV)	Coil or Air Handler	Furnace	AHRI Reference
				High	Low	High	Low				
XP21N-036-230	36,400	17.50	13.00	32,400	20,600	3.54	2.70	9.00	CH33-49	CBWMV-36C-090	5587779
XP21N-036-230	36,600	17.50	13.00	32,400	20,600	3.56	2.72	9.00	CH33-49	EL195UH090XE48B	5587805
XP21N-036-230	36,600	17.50	13.00	32,400	20,600	3.56	2.72	9.00	CH33-49	EL296UH090XE48C	5650887
XP21N-036-230	36,600	17.50	13.00	32,600	20,600	3.56	2.72	9.00	CH33-49	EL296UH090XV36C	5761079
XP21N-036-230	36,400	17.70	13.00	32,400	20,600	3.56	2.70	9.00	CH33-49	EL296UH090XV48C	5761182
XP21N-036-230	37,200	17.70	13.00	32,800	20,800	3.62	2.74	9.00	CH33-49	EL296UH090XV60C	5761278
XP21N-036-230	36,600	17.70	13.20	32,400	20,600	3.58	2.72	9.00	CH33-49	EL296UH110XV48C	5685275
XP21N-036-230	36,600	17.70	13.20	32,400	20,600	3.58	2.72	9.00	CH33-49	EL296UH110XV48C	5761300
XP21N-036-230	37,000	17.70	13.20	32,600	20,800	3.64	2.74	9.00	CH33-49	EL296UH110XV60C	5761390
XP21N-036-230	36,200	17.00	12.20	32,800	21,000	3.42	2.62	8.70	CH33-49	O23V3/4-105/120	5587911
XP21N-036-230	36,400	17.70	12.50	32,800	21,000	3.48	2.64	8.70	CH33-49	O23V5-140/154	5587928
XP21N-036-230	36,400	17.00	12.50	32,800	21,000	3.44	2.64	8.70	CH33-49	OF23V3/4-105/120	5587945
XP21N-036-230	36,400	17.00	12.50	32,800	21,000	3.44	2.64	8.70	CH33-49	OF23V3/4-105/120R	5587959
XP21N-036-230	36,200	16.20	12.50	32,600	20,800	3.48	2.64	8.70	CH33-49	OF23V5-140/154	5588612
XP21N-036-230	36,200	16.20	12.50	32,600	20,800	3.48	2.64	8.70	CH33-49	OF23V5-140/154R	5587992
XP21N-036-230	37,200	18.00	13.20	32,600	20,800	3.64	2.74	9.00	CH33-49	SL280UH090V60C	5588028
XP21N-036-230	37,200	18.00	13.20	32,600	20,800	3.64	2.74	9.00	CH33-49	SL280UH090XV60C	5588045
XP21N-036-230	37,000	17.70	13.00	32,600	20,800	3.62	2.72	9.00	CH33-49	SL280UH110V60C	5588055
XP21N-036-230	37,000	17.70	13.00	32,600	20,800	3.62	2.72	9.00	CH33-49	SL280UH110XV60C	5588065
XP21N-036-230	36,600	17.50	13.00	32,600	20,600	3.56	2.72	9.00	CH33-49	SLP98UH090XV36C	5588091
XP21N-036-230	36,400	17.70	13.00	32,400	20,600	3.56	2.70	9.00	CH33-49	SLP98UH090XV48C	5588101
XP21N-036-230	37,200	17.70	13.00	32,800	20,800	3.62	2.74	9.00	CH33-49	SLP98UH090XV60C	5588111
XP21N-036-230	37,000	17.70	13.20	32,600	20,800	3.64	2.74	9.00	CH33-49	SLP98UH110XV60C	5588121
XP21N-036-230	36,000	15.50	12.00	33,000	21,200	3.36	2.56	8.50	CH33-49		5588140
XP21N-036-230	36,400	17.50	13.00	32,400	20,600	3.52	2.70	9.00	CH33-50/60C	CBWMV-36C-090	5587780
XP21N-036-230	36,400	17.50	13.00	32,400	20,600	3.54	2.70	9.00	CH33-50/60C	EL195UH090XE48B	5587806
XP21N-036-230	36,400	17.50	13.00	32,400	20,600	3.54	2.70	9.00	CH33-50/60C	EL296UH090XE48C	5650890
XP21N-036-230	36,600	17.50	13.00	32,400	20,600	3.54	2.70	9.00	CH33-50/60C	EL296UH090XV36C	5761086
XP21N-036-230	36,200	17.70	13.00	32,400	20,600	3.52	2.70	9.00	CH33-50/60C	EL296UH090XV48C	5761176
XP21N-036-230	37,000	17.70	13.00	32,800	21,000	3.62	2.72	9.00	CH33-50/60C	EL296UH090XV60C	5761273
XP21N-036-230	36,600	17.70	13.00	32,400	20,600	3.58	2.70	9.00	CH33-50/60C	EL296UH110XV48C	5685274
XP21N-036-230	36,600	17.70	13.00	32,400	20,600	3.58	2.70	9.00	CH33-50/60C	EL296UH110XV48C	5761299
XP21N-036-230	38,500	17.70	13.20	32,800	22,200	3.62	2.74	9.50	CH33-50/60C	EL296UH110XV60C	5761394
XP21N-036-230	36,200	17.00	12.20	32,800	21,000	3.40	2.60	8.70	CH33-50/60C	O23V3/4-105/120	5587912
XP21N-036-230	36,200	17.70	12.50	32,800	21,000	3.46	2.62	8.70	CH33-50/60C	O23V5-140/154	5587929
XP21N-036-230	36,200	17.00	12.20	32,800	21,000	3.44	2.60	8.70	CH33-50/60C	OF23V3/4-105/120	5587946
XP21N-036-230	36,200	17.00	12.20	32,800	21,000	3.44	2.60	8.70	CH33-50/60C	OF23V3/4-105/120R	5587960
XP21N-036-230	36,200	16.20	12.70	32,600	20,800	3.46	2.64	8.70	CH33-50/60C	OF23V5-140/154	5587976
XP21N-036-230	36,200	16.20	12.70	32,600	20,800	3.46	2.64	8.70	CH33-50/60C	OF23V5-140/154R	5587993
XP21N-036-230	37,000	17.70	13.20	32,600	20,800	3.64	2.74	9.00	CH33-50/60C	SL280UH090V60C	5588029
XP21N-036-230	37,000	17.70	13.20	32,600	20,800	3.64	2.74	9.00	CH33-50/60C	SL280UH090XV60C	5588046
XP21N-036-230	36,800	17.70	13.00	32,600	20,800	3.58	2.70	9.00	CH33-50/60C	SL280UH110V60C	5588056
XP21N-036-230	36,800	17.70	13.00	32,600	20,800	3.58	2.70	9.00	CH33-50/60C	SL280UH110XV60C	5588066
XP21N-036-230	36,600	17.50	13.00	32,400	20,600	3.54	2.70	9.00	CH33-50/60C	SLP98UH090XV36C	5588092
XP21N-036-230	36,200	17.70	13.00	32,400	20,600	3.52	2.70	9.00	CH33-50/60C	SLP98UH090XV48C	5588102
XP21N-036-230	37,000	17.70	13.00	32,800	21,000	3.62	2.72	9.00	CH33-50/60C	SLP98UH090XV60C	5588112

NOTES:

All matches with EL195E and ML180E gas furnaces require the use of a Blower Motor Relay Kit (**85W66**) for proper unit operation.

Ratings are AHRI certified to 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.

Also see TXV Substitution Table at the beginning of the Heat Pump AHRI System Matches section.

When used with gas furnaces, a dual-fuel control, a control system with dual-fuel capabilities (LZP-2 or LZP-4), or a thermostat with dual-fuel capabilities must be used (order separately).

To convert HSPF from Region IV to Region V - Divide by 1.15.

AHRI SYSTEM MATCHES

Model No.	Cooling Capacity	SEER	EER	Heat Capacity		Heat COP		HSPF (IV)	Coil or Air Handler	Furnace	AHRI Reference
				High	Low	High	Low				
XP21N-036-230	36,800	17.70	13.00	32,600	20,800	3.62	2.74	9.00	CH33-50/60C	SLP98UH110XV60C	5588122
XP21N-036-230	36,000	15.50	12.00	33,000	21,200	3.36	2.56	8.50	CH33-50/60C		5588141
XP21N-036-230	34,600	15.00	11.50	33,000	21,200	3.30	2.44	8.50	CR33-48		5588142
XP21N-036-230	35,000	17.50	12.50	32,200	20,600	3.48	2.58	9.00	CR33-48B	EL180DF070E36B	5741566
XP21N-036-230	35,000	17.20	12.50	32,400	20,600	3.48	2.56	9.00	CR33-48B	EL180DF090E48B	5741590
XP21N-036-230	35,000	17.00	12.20	32,600	20,800	3.44	2.56	9.00	CR33-48B	EL195DF070XE48B	5587787
XP21N-036-230	35,000	17.00	12.00	32,600	21,000	3.42	2.54	9.00	CR33-48B	EL296DF045V36B	5587815
XP21N-036-230	35,000	16.70	12.00	32,800	21,000	3.44	2.52	9.00	CR33-48B	EL296DF070V48B	5587816
XP21N-036-230	35,000	17.00	12.20	32,600	20,800	3.44	2.56	9.00	CR33-48B	EL296DF070XE48B	5650895
XP21N-036-230	35,200	17.20	12.50	32,400	20,800	3.48	2.58	9.00	CR33-48B	SL280DF090V48B	5588001
XP21N-036-230	35,200	17.20	12.50	32,800	20,800	3.46	2.54	9.00	CR33-48B	SLP98DF070XV36B	5588071
XP21N-036-230	35,000	17.00	12.50	32,400	20,600	3.46	2.54	9.00	CR33-48C	CBWMV-36C-090	5587781
XP21N-036-230	35,400	17.20	12.50	32,600	20,800	3.52	2.58	9.00	CR33-48C	EL195DF090XE48C	5587788
XP21N-036-230	35,400	17.20	12.50	32,600	20,800	3.52	2.58	9.00	CR33-48C	EL296DF090V60C	5587817
XP21N-036-230	35,400	17.20	12.50	32,600	20,800	3.52	2.58	9.00	CR33-48C	EL296DF090XE48C	5650876
XP21N-036-230	35,400	17.20	12.50	32,600	20,800	3.52	2.58	9.00	CR33-48C	EL296DF110V60C	5587819
XP21N-036-230	35,800	17.50	12.70	32,600	20,800	3.58	2.62	9.20	CR33-48C	SL280DF090V60C	5588002
XP21N-036-230	37,000	17.70	13.20	34,400	22,200	3.54	2.60	9.20	CR33-48C	SL280DF110V60C	5588004
XP21N-036-230	35,200	17.20	12.50	32,600	20,800	3.46	2.56	9.00	CR33-48C	SLP98DF090XV36C	5588072
XP21N-036-230	35,200	17.50	12.50	32,600	20,800	3.50	2.58	9.00	CR33-48C	SLP98DF090XV48C	5588074
XP21N-036-230	35,400	17.20	12.50	32,600	20,800	3.52	2.58	9.00	CR33-48C	SLP98DF090XV60C	5588076
XP21N-036-230	35,400	17.20	12.50	32,600	20,800	3.52	2.58	9.00	CR33-48C	SLP98DF110XV60C	5588078
XP21N-036-230	36,000	17.50	12.70	32,600	20,800	3.76	2.74	9.20	CR33-50/60	CBWMV-36C-090	5587782
XP21N-036-230	35,400	17.50	12.70	32,800	20,800	3.82	2.74	9.20	CR33-50/60	EL195DF090XE48C	5587789
XP21N-036-230	36,400	17.70	12.70	32,800	20,800	3.82	2.76	9.20	CR33-50/60	EL296DF090V60C	5587818
XP21N-036-230	35,400	17.50	12.70	32,800	20,800	3.82	2.74	9.20	CR33-50/60	EL296DF090XE48C	5650874
XP21N-036-230	36,400	17.70	12.70	33,000	21,000	3.82	2.76	9.20	CR33-50/60	EL296DF110V60C	5587820
XP21N-036-230	36,600	18.00	13.00	33,000	20,800	3.88	2.78	9.50	CR33-50/60	SL280DF090V60C	5588003
XP21N-036-230	37,800	18.20	13.50	33,400	22,000	3.84	2.78	9.70	CR33-50/60	SL280DF110V60C	5588005
XP21N-036-230	36,000	17.70	12.50	32,800	20,800	3.78	2.72	9.20	CR33-50/60	SLP98DF090XV36C	5588073
XP21N-036-230	36,200	17.70	12.70	32,800	20,800	3.80	2.76	9.20	CR33-50/60	SLP98DF090XV48C	5588075
XP21N-036-230	36,400	17.70	12.70	32,800	20,800	3.82	2.76	9.20	CR33-50/60	SLP98DF090XV60C	5588077
XP21N-036-230	36,400	17.70	12.70	33,000	21,000	3.82	2.76	9.20	CR33-50/60	SLP98DF110XV60C	5588079
XP21N-036-230	35,600	15.70	11.70	33,400	21,200	3.56	2.60	8.70	CR33-50/60		5588143
XP21N-036-230	35,400	15.50	11.70	32,600	21,200	3.22	2.38	8.20	CX34-38		5588144
XP21N-036-230	36,000	17.00	12.50	32,400	20,800	3.36	2.48	8.50	CX34-38A	EL180UH045E36A	5741792
XP21N-036-230	35,800	17.20	12.50	32,400	20,800	3.36	2.46	8.50	CX34-38A	SL280UH070V36A	5588007
XP21N-036-230	35,800	17.20	12.50	32,400	20,800	3.36	2.46	8.50	CX34-38A	SL280UH070XV36A	5588009
XP21N-036-230	35,800	17.20	12.50	32,200	20,800	3.36	2.48	8.50	CX34-38B	CBWMV-36B-070	5587772
XP21N-036-230	35,800	17.50	13.00	31,800	20,400	3.40	2.50	8.70	CX34-38B	EL180UH070E36B	5742104
XP21N-036-230	36,200	17.50	13.00	32,200	20,600	3.46	2.52	8.70	CX34-38B	EL180UH090E48B	5742422
XP21N-036-230	35,600	16.70	12.00	32,600	21,000	3.30	2.44	8.50	CX34-38B	EL195UH045XE36B	5587795
XP21N-036-230	35,600	17.00	12.50	32,200	20,600	3.36	2.48	8.50	CX34-38B	EL195UH070XE36B	5587802
XP21N-036-230	35,600	16.70	12.00	32,600	21,000	3.30	2.44	8.50	CX34-38B	EL296UH045XE36B	5650898
XP21N-036-230	35,800	17.50	12.50	32,200	20,800	3.34	2.48	8.50	CX34-38B	EL296UH045XV36B	5760901
XP21N-036-230	35,600	17.00	12.50	32,200	20,600	3.36	2.48	8.50	CX34-38B	EL296UH070XE36B	5650884

NOTES:

All matches with EL195E and ML180E gas furnaces require the use of a Blower Motor Relay Kit (**85W66**) for proper unit operation.

Ratings are AHRI certified to 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.

Also see TXV Substitution Table at the beginning of the Heat Pump AHRI System Matches section.

When used with gas furnaces, a dual-fuel control, a control system with dual-fuel capabilities (LZP-2 or LZP-4), or a thermostat with dual-fuel capabilities must be used (order separately).

To convert HSPF from Region IV to Region V - Divide by 1.15.

AHRI SYSTEM MATCHES

Model No.	Cooling Capacity	SEER	EER	Heat Capacity		Heat COP		HSPF (IV)	Coil or Air Handler	Furnace	AHRI Reference
				High	Low	High	Low				
XP21N-036-230	35,800	17.50	12.50	32,200	20,800	3.34	2.46	8.50	CX34-38B	EL296UH070XV36B	5760996
XP21N-036-230	35,600	17.00	12.00	32,400	21,000	3.26	2.42	8.50	CX34-38B	O23V3/4-105/120	5587913
XP21N-036-230	35,600	17.50	12.20	32,400	21,000	3.32	2.46	8.50	CX34-38B	O23V5-140/154	5587930
XP21N-036-230	35,600	17.00	12.20	32,400	21,000	3.30	2.44	8.50	CX34-38B	OF23V3/4-105/120	5587947
XP21N-036-230	35,600	17.00	12.20	32,400	21,000	3.30	2.44	8.50	CX34-38B	OF23V3/4-105/120R	5587961
XP21N-036-230	35,600	16.20	12.50	32,200	20,800	3.32	2.46	8.50	CX34-38B	OF23V5-140/154	5587977
XP21N-036-230	35,600	16.20	12.50	32,200	20,800	3.32	2.46	8.50	CX34-38B	OF23V5-140/154R	5587994
XP21N-036-230	36,000	17.50	13.00	32,000	20,600	3.42	2.52	8.50	CX34-38B	SL280UH090V36B	5588014
XP21N-036-230	36,000	17.50	12.70	32,000	20,600	3.42	2.52	8.70	CX34-38B	SL280UH090V48B	5588021
XP21N-036-230	36,000	17.50	12.70	32,000	20,600	3.42	2.52	8.70	CX34-38B	SL280UH090XV48B	5588038
XP21N-036-230	35,800	17.50	12.50	32,200	20,800	3.34	2.46	8.50	CX34-38B	SLP98UH070XV36B	5588084
XP21N-036-230	35,600	15.50	11.70	33,000	21,200	3.28	2.46	8.50	CX34-43		5588145
XP21N-036-230	35,800	17.20	12.50	32,400	20,600	3.44	2.58	8.70	CX34-43B	CBWMV-36B-070	5587773
XP21N-036-230	35,800	17.70	13.00	32,000	20,400	3.46	2.60	9.00	CX34-43B	EL180UH070E36B	5742103
XP21N-036-230	36,200	18.00	13.00	32,400	20,600	3.52	2.60	9.00	CX34-43B	EL180UH090E48B	5742420
XP21N-036-230	35,600	17.20	12.00	32,800	21,000	3.36	2.50	8.70	CX34-43B	EL195UH045X36B	5587790
XP21N-036-230	35,800	17.20	12.50	32,400	20,600	3.42	2.56	8.70	CX34-43B	EL195UH070XE36B	5587803
XP21N-036-230	35,600	17.20	12.00	32,800	21,000	3.36	2.50	8.70	CX34-43B	EL296UH045XE36B	5650877
XP21N-036-230	36,000	17.50	12.50	32,600	20,800	3.42	2.56	8.70	CX34-43B	EL296UH045XV36B	5760898
XP21N-036-230	35,800	17.20	12.50	32,400	20,600	3.42	2.56	8.70	CX34-43B	EL296UH070XE36B	5650899
XP21N-036-230	35,800	17.20	12.50	32,600	20,800	3.42	2.54	8.70	CX34-43B	EL296UH070XV36B	5761002
XP21N-036-230	35,800	17.00	12.20	32,800	21,000	3.34	2.50	8.50	CX34-43B	O23V3/4-105/120	5587914
XP21N-036-230	35,800	17.70	12.20	32,600	20,800	3.40	2.54	8.70	CX34-43B	O23V5-140/154	5587931
XP21N-036-230	35,800	17.00	12.20	32,600	21,000	3.36	2.52	8.50	CX34-43B	OF23V3/4-105/120	5587948
XP21N-036-230	35,800	17.00	12.20	32,600	21,000	3.36	2.52	8.50	CX34-43B	OF23V3/4-105/120R	5587962
XP21N-036-230	35,600	16.20	12.50	32,400	20,800	3.38	2.54	8.70	CX34-43B	OF23V5-140/154	5587978
XP21N-036-230	35,600	16.20	12.50	32,400	20,800	3.38	2.54	8.70	CX34-43B	OF23V5-140/154R	5587995
XP21N-036-230	36,200	17.50	13.00	32,200	20,600	3.50	2.62	8.70	CX34-43B	SL280UH090V36B	5588015
XP21N-036-230	36,000	17.50	12.70	32,400	20,600	3.50	2.60	9.00	CX34-43B	SL280UH090V48B	5588022
XP21N-036-230	36,000	17.50	12.70	32,400	20,600	3.50	2.60	9.00	CX34-43B	SL280UH090XV48B	5588039
XP21N-036-230	35,800	17.20	12.50	32,600	20,800	3.42	2.54	8.70	CX34-43B	SLP98UH070XV36B	5588085
XP21N-036-230	35,800	17.50	12.70	32,200	20,600	3.44	2.58	8.70	CX34-43C	CBWMV-36C-090	5587783
XP21N-036-230	36,200	17.50	13.00	32,400	20,600	3.46	2.60	9.00	CX34-43C	EL195UH090XE48C	5587811
XP21N-036-230	36,200	17.50	13.00	32,400	20,600	3.46	2.60	9.00	CX34-43C	EL296UH090XE48C	5650900
XP21N-036-230	36,200	17.50	12.70	32,400	20,600	3.50	2.60	9.00	CX34-43C	EL296UH090XV36C	5761085
XP21N-036-230	35,800	17.50	12.70	32,200	20,400	3.46	2.60	8.70	CX34-43C	EL296UH090XV48C	5761184
XP21N-036-230	36,600	17.70	12.70	32,600	20,800	3.52	2.60	9.00	CX34-43C	EL296UH090XV60C	5761271
XP21N-036-230	36,200	18.00	13.00	32,200	20,600	3.50	2.62	9.00	CX34-43C	EL296UH110XV48C	5685271
XP21N-036-230	36,200	18.00	13.00	32,200	20,600	3.50	2.62	9.00	CX34-43C	EL296UH110XV48C	5761296
XP21N-036-230	36,400	18.00	13.00	32,600	20,600	3.54	2.62	9.00	CX34-43C	EL296UH110XV60C	5761397
XP21N-036-230	35,800	17.00	12.20	32,800	21,000	3.34	2.50	8.50	CX34-43C	O23V3/4-105/120	5587915
XP21N-036-230	35,800	17.70	12.20	32,600	20,800	3.40	2.54	8.70	CX34-43C	O23V5-140/154	5587932
XP21N-036-230	35,800	17.00	12.20	32,600	21,000	3.36	2.52	8.50	CX34-43C	OF23V3/4-105/120	5587949
XP21N-036-230	35,800	17.00	12.20	32,600	21,000	3.36	2.52	8.50	CX34-43C	OF23V3/4-105/120R	5587963
XP21N-036-230	35,600	16.20	12.50	32,400	20,800	3.38	2.54	8.70	CX34-43C	OF23V5-140/154	5587979
XP21N-036-230	35,600	16.20	12.50	32,400	20,800	3.38	2.54	8.70	CX34-43C	OF23V5-140/154R	5587996

NOTES:

All matches with EL195E and ML180E gas furnaces require the use of a Blower Motor Relay Kit (**85W66**) for proper unit operation.

Ratings are AHRI certified to 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.

Also see TXV Substitution Table at the beginning of the Heat Pump AHRI System Matches section.

When used with gas furnaces, a dual-fuel control, a control system with dual-fuel capabilities (LZP-2 or LZP-4), or a thermostat with dual-fuel capabilities must be used (order separately).

To convert HSPF from Region IV to Region V - Divide by 1.15.

AHRI SYSTEM MATCHES

Model No.	Cooling Capacity	SEER	EER	Heat Capacity		Heat COP		HSPF (IV)	Coil or Air Handler	Furnace	AHRI Reference
				High	Low	High	Low				
XP21N-036-230	36,400	18.00	13.00	32,600	20,600	3.56	2.62	9.00	CX34-43C	SL280UH090V60C	5588030
XP21N-036-230	36,400	18.00	13.00	32,600	20,600	3.56	2.62	9.00	CX34-43C	SL280UH090XV60C	5588047
XP21N-036-230	36,400	17.70	13.00	32,600	20,800	3.52	2.62	8.70	CX34-43C	SL280UH110V60C	5588057
XP21N-036-230	36,400	17.70	13.00	32,600	20,800	3.52	2.62	8.70	CX34-43C	SL280UH110XV60C	5588067
XP21N-036-230	36,200	17.50	12.70	32,400	20,600	3.50	2.60	9.00	CX34-43C	SLP98UH090XV36C	5588093
XP21N-036-230	35,800	17.50	12.70	32,200	20,400	3.46	2.60	8.70	CX34-43C	SLP98UH090XV48C	5588103
XP21N-036-230	36,600	17.70	12.70	32,600	20,800	3.52	2.60	9.00	CX34-43C	SLP98UH090XV60C	5588113
XP21N-036-230	36,400	18.00	13.00	32,600	20,600	3.54	2.62	9.00	CX34-43C	SLP98UH110XV60C	5588123
XP21N-036-230	35,000	15.00	11.70	32,600	21,000	3.12	2.34	8.00	CX34-44/48		5588146
XP21N-036-230	35,400	16.70	12.50	32,200	20,600	3.24	2.44	8.20	CX34-44/48B	CBWMV-36B-070	5587774
XP21N-036-230	35,400	17.00	12.70	31,800	20,200	3.28	2.48	8.50	CX34-44/48B	EL180UH070E36B	5742101
XP21N-036-230	35,800	17.00	12.70	32,200	20,400	3.32	2.48	8.50	CX34-44/48B	EL180UH090E48B	5742419
XP21N-036-230	35,400	16.20	12.00	32,600	21,000	3.18	2.40	8.20	CX34-44/48B	EL195UH045XE36B	5587796
XP21N-036-230	35,400	16.50	12.50	32,200	20,600	3.22	2.44	8.50	CX34-44/48B	EL195UH070XE36B	5587804
XP21N-036-230	35,400	16.20	12.00	32,600	21,000	3.18	2.40	8.20	CX34-44/48B	EL296UH045XE36B	5650892
XP21N-036-230	35,400	16.70	12.20	32,200	20,600	3.24	2.42	8.20	CX34-44/48B	EL296UH045XV36B	5760902
XP21N-036-230	35,400	16.50	12.50	32,200	20,600	3.22	2.44	8.50	CX34-44/48B	EL296UH070XE36B	5650893
XP21N-036-230	35,600	16.70	12.50	32,400	20,600	3.24	2.42	8.20	CX34-44/48B	EL296UH070XV36B	5760998
XP21N-036-230	35,200	16.20	12.00	32,400	20,800	3.18	2.38	8.20	CX34-44/48B	O23V3/4-105/120	5587916
XP21N-036-230	35,400	17.00	12.20	32,400	20,800	3.20	2.42	8.50	CX34-44/48B	O23V5-140/154	5587933
XP21N-036-230	35,400	16.50	12.20	32,400	20,800	3.20	2.40	8.20	CX34-44/48B	OF23V3/4-105/120	5587950
XP21N-036-230	35,400	16.50	12.20	32,400	20,800	3.20	2.40	8.20	CX34-44/48B	OF23V3/4-105/120R	5587964
XP21N-036-230	35,200	15.70	12.20	32,200	20,600	3.20	2.42	8.20	CX34-44/48B	OF23V5-140/154	5587980
XP21N-036-230	35,200	15.70	12.20	32,200	20,600	3.20	2.42	8.20	CX34-44/48B	OF23V5-140/154R	5587997
XP21N-036-230	35,600	17.00	12.70	32,000	20,400	3.30	2.48	8.50	CX34-44/48B	SL280UH090V36B	5588016
XP21N-036-230	35,800	16.70	12.70	32,000	20,400	3.30	2.48	8.50	CX34-44/48B	SL280UH090V48B	5588023
XP21N-036-230	35,800	16.70	12.70	32,000	20,400	3.30	2.48	8.50	CX34-44/48B	SL280UH090XV48B	5588040
XP21N-036-230	35,600	16.70	12.50	32,400	20,600	3.24	2.42	8.20	CX34-44/48B	SLP98UH070XV36B	5588086
XP21N-036-230	35,400	16.70	12.50	32,000	20,400	3.26	2.46	8.50	CX34-44/48C	CBWMV-36C-090	5587784
XP21N-036-230	36,200	16.70	13.00	32,400	20,600	3.28	2.46	8.50	CX34-44/48C	EL195UH090XE48C	5587812
XP21N-036-230	36,200	16.70	13.00	32,400	20,600	3.28	2.46	8.50	CX34-44/48C	EL296UH090XE48C	5650894
XP21N-036-230	35,600	17.00	12.70	32,200	20,400	3.28	2.46	8.50	CX34-44/48C	EL296UH090XV36C	5761080
XP21N-036-230	35,400	17.00	12.70	32,000	20,400	3.26	2.48	8.50	CX34-44/48C	EL296UH090XV48C	5761181
XP21N-036-230	36,200	17.00	12.70	32,400	20,800	3.34	2.48	8.50	CX34-44/48C	EL296UH090XV60C	5761272
XP21N-036-230	35,600	17.20	12.70	32,000	20,400	3.30	2.48	8.50	CX34-44/48C	EL296UH110XV48C	5685276
XP21N-036-230	35,600	17.20	12.70	32,000	20,400	3.30	2.48	8.50	CX34-44/48C	EL296UH110XV48C	5761301
XP21N-036-230	36,000	17.20	12.70	32,200	20,600	3.36	2.48	8.50	CX34-44/48C	EL296UH110XV60C	5761391
XP21N-036-230	35,200	16.20	12.20	32,400	20,800	3.18	2.38	8.20	CX34-44/48C	O23V3/4-105/120	5587917
XP21N-036-230	35,400	17.00	12.20	32,400	20,800	3.20	2.42	8.50	CX34-44/48C	O23V5-140/154	5587934
XP21N-036-230	35,400	16.50	12.20	32,400	20,800	3.20	2.40	8.20	CX34-44/48C	OF23V3/4-105/120	5587951
XP21N-036-230	35,400	16.50	12.20	32,400	20,800	3.20	2.40	8.20	CX34-44/48C	OF23V3/4-105/120R	5587965
XP21N-036-230	35,200	15.70	12.20	32,200	20,600	3.20	2.42	8.20	CX34-44/48C	OF23V5-140/154	5587981
XP21N-036-230	35,200	15.70	12.20	32,200	20,600	3.20	2.42	8.20	CX34-44/48C	OF23V5-140/154R	5587998
XP21N-036-230	36,200	17.20	12.70	32,200	20,600	3.36	2.52	8.50	CX34-44/48C	SL280UH090V60C	5588031
XP21N-036-230	36,200	17.20	12.70	32,200	20,600	3.36	2.52	8.50	CX34-44/48C	SL280UH090XV60C	5588048
XP21N-036-230	36,000	17.00	12.70	32,400	20,600	3.34	2.48	8.50	CX34-44/48C	SL280UH110V60C	5588058

NOTES:

All matches with EL195E and ML180E gas furnaces require the use of a Blower Motor Relay Kit (**85W66**) for proper unit operation.

Ratings are AHRI certified to 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.

Also see TXV Substitution Table at the beginning of the Heat Pump AHRI System Matches section.

When used with gas furnaces, a dual-fuel control, a control system with dual-fuel capabilities (LZP-2 or LZP-4), or a thermostat with dual-fuel capabilities must be used (order separately).

To convert HSPF from Region IV to Region V - Divide by 1.15.

AHRI SYSTEM MATCHES

Model No.	Cooling Capacity	SEER	EER	Heat Capacity		Heat COP		HSPF (IV)	Coil or Air Handler	Furnace	AHRI Reference
				High	Low	High	Low				
XP21N-036-230	36,000	17.00	12.70	32,400	20,600	3.34	2.48	8.50	CX34-44/48C	SL280UH110XV60C	5588068
XP21N-036-230	35,600	17.00	12.70	32,200	20,400	3.28	2.46	8.50	CX34-44/48C	SLP98UH090XV36C	5588094
XP21N-036-230	35,400	17.00	12.70	32,000	20,400	3.26	2.48	8.50	CX34-44/48C	SLP98UH090XV48C	5588104
XP21N-036-230	36,200	17.00	12.70	32,400	20,800	3.34	2.48	8.50	CX34-44/48C	SLP98UH090XV60C	5588114
XP21N-036-230	36,000	17.20	12.70	32,200	20,600	3.36	2.48	8.50	CX34-44/48C	SLP98UH110XV60C	5588124
XP21N-036-230	36,000	16.70	12.70	32,000	20,600	3.56	2.64	9.00	CX34-49C	CBWMV-36C-090	5587785
XP21N-036-230	36,200	16.70	12.70	32,000	20,600	3.58	2.64	9.00	CX34-49C	EL195UH090XE48C	5587813
XP21N-036-230	36,200	16.70	12.70	32,000	20,600	3.58	2.64	9.00	CX34-49C	EL296UH090XE48C	5650888
XP21N-036-230	36,200	16.70	12.70	32,000	20,600	3.58	2.64	9.00	CX34-49C	EL296UH090XV36C	5761088
XP21N-036-230	36,000	17.00	12.70	32,000	20,400	3.58	2.64	9.00	CX34-49C	EL296UH090XV48C	5761178
XP21N-036-230	36,800	17.00	12.70	32,400	20,800	3.64	2.66	9.00	CX34-49C	EL296UH090XV60C	5761270
XP21N-036-230	36,400	17.20	12.70	32,000	20,600	3.60	2.66	9.00	CX34-49C	EL296UH110XV48C	5685279
XP21N-036-230	36,400	17.20	12.70	32,000	20,600	3.60	2.66	9.00	CX34-49C	EL296UH110XV48C	5761304
XP21N-036-230	36,600	17.00	13.00	32,200	20,600	3.66	2.66	9.00	CX34-49C	EL296UH110XV60C	5761399
XP21N-036-230	35,800	16.20	12.00	32,400	21,000	3.44	2.54	8.50	CX34-49C	O23V3/4-105/120	5587918
XP21N-036-230	36,000	17.00	12.20	32,400	21,000	3.50	2.56	8.70	CX34-49C	O23V5-140/154	5587935
XP21N-036-230	37,800	16.50	12.20	32,400	22,000	3.46	2.56	9.00	CX34-49C	OF23V3/4-105/120	5588609
XP21N-036-230	37,800	16.50	12.20	32,400	22,000	3.46	2.56	9.00	CX34-49C	OF23V3/4-105/120R	5587966
XP21N-036-230	35,800	15.70	12.50	32,200	20,800	3.50	2.60	8.70	CX34-49C	OF23V5-140/154	5587982
XP21N-036-230	35,800	15.70	12.50	32,200	20,800	3.50	2.60	8.70	CX34-49C	OF23V5-140/154R	5587999
XP21N-036-230	36,800	17.20	13.00	32,200	20,600	3.66	2.66	9.00	CX34-49C	SL280UH090V60C	5588032
XP21N-036-230	36,800	17.20	13.00	32,200	20,600	3.66	2.66	9.00	CX34-49C	SL280UH090XV60C	5588049
XP21N-036-230	36,600	17.00	12.70	32,200	20,800	3.62	2.66	9.00	CX34-49C	SL280UH110V60C	5588059
XP21N-036-230	36,600	17.00	12.70	32,200	20,800	3.62	2.66	9.00	CX34-49C	SL280UH110XV60C	5588069
XP21N-036-230	36,200	16.70	12.70	32,000	20,600	3.58	2.64	9.00	CX34-49C	SLP98UH090XV36C	5588095
XP21N-036-230	36,000	17.00	12.70	32,000	20,400	3.58	2.64	9.00	CX34-49C	SLP98UH090XV48C	5588105
XP21N-036-230	36,800	17.00	12.70	32,400	20,800	3.64	2.66	9.00	CX34-49C	SLP98UH090XV60C	5588115
XP21N-036-230	36,600	17.00	13.00	32,200	20,600	3.66	2.66	9.00	CX34-49C	SLP98UH110XV60C	5588125
XP21N-036-230	35,600	15.00	11.70	32,600	21,200	3.38	2.50	8.50	CX34-49C		5588147
XP21N-036-230	35,800	17.50	12.70	32,200	20,600	3.44	2.58	8.70	CX34-50/60C	CBWMV-36C-090	5587786
XP21N-036-230	36,000	17.50	12.70	32,200	20,600	3.44	2.58	9.00	CX34-50/60C	EL195UH090XE48C	5587814
XP21N-036-230	36,000	17.50	12.70	32,200	20,600	3.44	2.58	9.00	CX34-50/60C	EL296UH090XE48C	5650891
XP21N-036-230	36,000	17.50	12.70	32,400	20,600	3.48	2.58	8.70	CX34-50/60C	EL296UH090XV36C	5761084
XP21N-036-230	35,800	17.70	12.70	32,200	20,400	3.46	2.58	8.70	CX34-50/60C	EL296UH090XV48C	5761180
XP21N-036-230	36,400	17.70	12.70	32,600	20,800	3.52	2.60	8.70	CX34-50/60C	EL296UH090XV60C	5761276
XP21N-036-230	36,000	17.70	13.00	32,200	20,600	3.48	2.62	9.00	CX34-50/60C	EL296UH110XV48C	5685273
XP21N-036-230	36,000	17.70	13.00	32,200	20,600	3.48	2.62	9.00	CX34-50/60C	EL296UH110XV48C	5761298
XP21N-036-230	36,400	17.70	13.00	32,400	20,600	3.52	2.62	9.00	CX34-50/60C	EL296UH110XV60C	5761396
XP21N-036-230	35,600	17.00	12.00	32,600	21,000	3.32	2.50	8.50	CX34-50/60C	O23V3/4-105/120	5587919
XP21N-036-230	35,800	17.70	12.20	32,600	20,800	3.38	2.52	8.70	CX34-50/60C	O23V5-140/154	5587936
XP21N-036-230	35,600	17.00	12.20	32,600	21,000	3.36	2.52	8.50	CX34-50/60C	OF23V3/4-105/120	5587952
XP21N-036-230	35,600	17.00	12.20	32,600	21,000	3.36	2.52	8.50	CX34-50/60C	OF23V3/4-105/120R	5587967
XP21N-036-230	35,600	16.20	12.50	32,400	20,800	3.38	2.54	8.70	CX34-50/60C	OF23V5-140/154	5587983
XP21N-036-230	35,600	16.20	12.50	32,400	20,800	3.38	2.54	8.70	CX34-50/60C	OF23V5-140/154R	5588000
XP21N-036-230	36,400	18.00	13.00	32,600	20,600	3.54	2.62	9.00	CX34-50/60C	SL280UH090V60C	5588033
XP21N-036-230	36,400	18.00	13.00	32,600	20,600	3.54	2.62	9.00	CX34-50/60C	SL280UH090XV60C	5588050

NOTES:

All matches with EL195E and ML180E gas furnaces require the use of a Blower Motor Relay Kit (**85W66**) for proper unit operation.

Ratings are AHRI certified to 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.

Also see TXV Substitution Table at the beginning of the Heat Pump AHRI System Matches section.

When used with gas furnaces, a dual-fuel control, a control system with dual-fuel capabilities (LZP-2 or LZP-4), or a thermostat with dual-fuel capabilities must be used (order separately).

To convert HSPF from Region IV to Region V - Divide by 1.15.

AHRI SYSTEM MATCHES

Model No.	Cooling Capacity	SEER	EER	Heat Capacity		Heat COP		HSPF (IV)	Coil or Air Handler	Furnace	AHRI Reference
				High	Low	High	Low				
XP21N-036-230	36,400	17.70	12.70	32,600	20,600	3.50	2.62	8.70	CX34-50/60C	SL280UH110V60C	5588060
XP21N-036-230	36,400	17.70	12.70	32,600	20,600	3.50	2.62	8.70	CX34-50/60C	SL280UH110XV60C	5588070
XP21N-036-230	36,000	17.50	12.70	32,400	20,600	3.48	2.58	8.70	CX34-50/60C	SLP98UH090XV36C	5588096
XP21N-036-230	35,800	17.70	12.70	32,200	20,400	3.46	2.58	8.70	CX34-50/60C	SLP98UH090XV48C	5588106
XP21N-036-230	36,400	17.70	12.70	32,600	20,800	3.52	2.60	8.70	CX34-50/60C	SLP98UH090XV60C	5588116
XP21N-036-230	36,400	17.70	13.00	32,400	20,600	3.52	2.62	9.00	CX34-50/60C	SLP98UH110XV60C	5588126
XP21N-036-230	35,400	15.50	11.70	32,800	21,200	3.28	2.46	8.20	CX34-50/60C		5588148
XP21N-048-230	47,000	14.70	11.50	45,000	29,000	3.18	2.48	8.20	C33-49		5581886
XP21N-048-230	47,500	16.50	12.20	44,500	28,400	3.28	2.56	8.20	C33-49C	CBWMV-60C-100	5581765
XP21N-048-230	47,500	16.20	12.00	44,500	28,600	3.28	2.56	8.20	C33-49C	CBWMV-60C-120	5581772
XP21N-048-230	47,500	16.50	12.20	44,000	28,200	3.28	2.58	8.50	C33-49C	EL180UH090E60C	5740303
XP21N-048-230	47,000	16.20	12.20	44,000	28,200	3.26	2.56	8.50	C33-49C	EL180UH110E60C	5740757
XP21N-048-230	47,000	16.20	12.20	44,500	28,400	3.28	2.54	8.20	C33-49C	EL195UH090XE48C	5581781
XP21N-048-230	47,500	16.20	12.20	44,500	28,400	3.30	2.56	8.20	C33-49C	EL195UH110XE60C	5581787
XP21N-048-230	47,000	16.20	12.20	44,500	28,400	3.28	2.54	8.20	C33-49C	EL296UH090XE48C	5650865
XP21N-048-230	47,500	16.50	12.20	44,500	28,400	3.28	2.56	8.20	C33-49C	EL296UH090XV48C	5581796
XP21N-048-230	47,500	16.20	12.20	44,500	28,600	3.28	2.56	8.20	C33-49C	EL296UH090XV60C	5581802
XP21N-048-230	47,500	16.20	12.20	44,500	28,400	3.30	2.56	8.20	C33-49C	EL296UH110XE60C	5650873
XP21N-048-230	47,500	16.50	12.20	44,500	28,400	3.28	2.54	8.20	C33-49C	EL296UH110XV48C	5581808
XP21N-048-230	47,500	16.50	12.00	44,500	28,600	3.28	2.54	8.20	C33-49C	EL296UH110XV60C	5581814
XP21N-048-230	47,000	15.70	11.50	45,000	29,000	3.22	2.50	8.20	C33-49C	O23V3/4-105/120	5581832
XP21N-048-230	47,000	16.20	11.70	45,000	28,800	3.24	2.50	8.20	C33-49C	O23V5-140/154	5581836
XP21N-048-230	47,500	16.70	12.20	44,500	28,400	3.32	2.56	8.20	C33-49C	SL280UH090V60C	5581842
XP21N-048-230	47,500	16.70	12.20	44,500	28,400	3.32	2.56	8.20	C33-49C	SL280UH090XV60C	5581848
XP21N-048-230	47,500	16.50	12.20	44,500	28,200	3.30	2.58	8.20	C33-49C	SL280UH110V60C	5581854
XP21N-048-230	47,500	16.50	12.20	44,500	28,200	3.30	2.58	8.20	C33-49C	SL280UH110XV60C	5581858
XP21N-048-230	47,500	16.50	12.20	44,500	28,400	3.28	2.56	8.20	C33-49C	SLP98UH090XV48C	5581867
XP21N-048-230	47,500	16.20	12.20	44,500	28,600	3.28	2.56	8.20	C33-49C	SLP98UH090XV60C	5581873
XP21N-048-230	47,500	16.50	12.00	44,500	28,600	3.28	2.54	8.20	C33-49C	SLP98UH110XV60C	5581879
XP21N-048-230	49,000	16.70	12.50	45,500	28,400	3.38	2.64	8.20	C33-62C	CBWMV-60C-100	5581766
XP21N-048-230	49,000	16.70	12.50	45,500	28,600	3.38	2.62	8.20	C33-62C	CBWMV-60C-120	5581773
XP21N-048-230	48,500	16.70	12.50	45,000	28,200	3.38	2.66	8.20	C33-62C	EL180UH090E60C	5740299
XP21N-048-230	48,500	16.70	12.70	45,000	28,200	3.34	2.64	8.50	C33-62C	EL180UH110E60C	5740760
XP21N-048-230	48,500	16.50	12.50	45,000	28,400	3.34	2.62	8.20	C33-62C	EL195UH090XE48C	5581782
XP21N-048-230	48,500	16.70	12.50	45,000	28,400	3.36	2.64	8.20	C33-62C	EL195UH110XE60C	5581788
XP21N-048-230	48,500	16.50	12.50	45,000	28,400	3.34	2.62	8.20	C33-62C	EL296UH090XE48C	5650870
XP21N-048-230	48,500	17.00	12.20	45,000	28,400	3.34	2.62	8.20	C33-62C	EL296UH090XV48C	5581797
XP21N-048-230	48,500	16.70	12.20	45,000	28,400	3.34	2.62	8.20	C33-62C	EL296UH090XV60C	5581803
XP21N-048-230	48,500	16.70	12.50	45,000	28,400	3.36	2.64	8.20	C33-62C	EL296UH110XE60C	5650872
XP21N-048-230	48,500	16.70	12.50	45,000	28,400	3.34	2.62	8.20	C33-62C	EL296UH110XV48C	5581809
XP21N-048-230	48,500	16.70	12.20	45,500	28,600	3.36	2.62	8.20	C33-62C	EL296UH110XV60C	5581815
XP21N-048-230	48,500	16.00	12.00	45,500	29,000	3.28	2.56	8.20	C33-62C	O23V3/4-105/120	5581833
XP21N-048-230	48,500	16.70	12.00	45,500	28,800	3.30	2.56	8.20	C33-62C	O23V5-140/154	5581837
XP21N-048-230	49,000	17.00	12.50	45,000	28,400	3.38	2.64	8.20	C33-62C	SL280UH090V60C	5581843
XP21N-048-230	49,000	17.00	12.50	45,000	28,400	3.38	2.64	8.20	C33-62C	SL280UH090XV60C	5581849
XP21N-048-230	48,500	16.70	12.50	45,000	28,200	3.38	2.64	8.20	C33-62C	SL280UH110V60C	5581855

NOTES:

All matches with EL195E and ML180E gas furnaces require the use of a Blower Motor Relay Kit (**85W66**) for proper unit operation.

Ratings are AHRI certified to 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.

Also see TXV Substitution Table at the beginning of the Heat Pump AHRI System Matches section.

When used with gas furnaces, a dual-fuel control, a control system with dual-fuel capabilities (LZP-2 or LZP-4), or a thermostat with dual-fuel capabilities must be used (order separately).

To convert HSPF from Region IV to Region V - Divide by 1.15.

AHRI SYSTEM MATCHES

Model No.	Cooling Capacity	SEER	EER	Heat Capacity		Heat COP		HSPF (IV)	Coil or Air Handler	Furnace	AHRI Reference
				High	Low	High	Low				
XP21N-048-230	48,500	16.70	12.50	45,000	28,200	3.38	2.64	8.20	C33-62C	SL280UH110XV60C	5581859
XP21N-048-230	48,500	17.00	12.20	45,000	28,400	3.34	2.62	8.20	C33-62C	SLP98UH090XV48C	5581868
XP21N-048-230	48,500	16.70	12.20	45,000	28,400	3.34	2.62	8.20	C33-62C	SLP98UH090XV60C	5581874
XP21N-048-230	48,500	16.70	12.20	45,500	28,600	3.36	2.62	8.20	C33-62C	SLP98UH110XV60C	5581880
XP21N-048-230	48,500	15.20	12.00	45,500	29,000	3.26	2.56	8.20	C33-62C		5581887
XP21N-048-230	46,000	16.00	12.00	45,000	28,600	3.38	2.50	9.00	C33-62D	EL180UH135E60D	5741106
XP21N-048-230	46,000	16.00	12.00	45,000	28,800	3.34	2.48	8.50	C33-62D	SLP98UH135XV60D	5581885
XP21N-048-230	47,500	17.00	12.20	46,500	29,000	3.30	2.52	8.70	CBX27UH-048		5581888
XP21N-048-230	46,500	16.70	12.20	42,500	28,200	3.44	2.66	9.20	CBX27UH-060		5581889
XP21N-048-230	47,500	17.00	12.20	46,500	29,000	3.28	2.52	8.70	CBX32MV-048		5581890
XP21N-048-230	47,500	17.00	12.50	45,500	28,800	3.34	2.54	9.00	CBX32MV-060		5581543
XP21N-048-230	47,500	16.70	12.20	46,500	29,000	3.28	2.52	8.70	CBX40UHV-048		5581891
XP21N-048-230	47,000	16.50	12.20	46,000	29,000	3.36	2.56	9.00	CBX40UHV-060		5581892
XP21N-048-230	47,500	16.00	12.00	44,500	28,200	3.12	2.40	8.20	CH33-49	CBWMV-60C-100	5581767
XP21N-048-230	47,500	16.00	12.00	44,500	28,400	3.10	2.38	8.20	CH33-49	CBWMV-60C-120	5581774
XP21N-048-230	47,000	16.00	12.20	44,000	27,800	3.10	2.40	8.20	CH33-49	EL180UH090E60C	5740301
XP21N-048-230	47,000	16.00	12.20	44,000	27,800	3.08	2.40	8.50	CH33-49	EL180UH110E60C	5740758
XP21N-048-230	47,000	15.70	12.00	44,500	28,000	3.10	2.38	8.20	CH33-49	EL195UH090XE48C	5581783
XP21N-048-230	47,000	16.00	12.00	44,000	28,000	3.08	2.40	8.20	CH33-49	EL195UH110XE60C	5581789
XP21N-048-230	47,000	15.70	12.00	44,500	28,000	3.10	2.38	8.20	CH33-49	EL296UH090XE48C	5650867
XP21N-048-230	47,500	16.00	12.00	44,500	28,200	3.10	2.38	8.20	CH33-49	EL296UH090XV48C	5581798
XP21N-048-230	47,500	16.00	12.00	44,500	28,200	3.10	2.38	8.20	CH33-49	EL296UH090XV60C	5581804
XP21N-048-230	47,000	16.00	12.00	44,000	28,000	3.08	2.40	8.20	CH33-49	EL296UH110XE60C	5650866
XP21N-048-230	47,500	16.00	12.00	44,500	28,200	3.12	2.40	8.20	CH33-49	EL296UH110XV48C	5581810
XP21N-048-230	47,500	16.00	12.00	44,500	28,200	3.12	2.38	8.20	CH33-49	EL296UH110XV60C	5581816
XP21N-048-230	47,500	16.20	12.20	44,500	28,000	3.14	2.40	8.20	CH33-49	SL280UH090V60C	5581844
XP21N-048-230	47,500	16.20	12.20	44,500	28,000	3.14	2.40	8.20	CH33-49	SL280UH090XV60C	5581850
XP21N-048-230	47,500	16.00	12.20	44,500	28,000	3.12	2.38	8.20	CH33-49	SL280UH110V60C	5581856
XP21N-048-230	47,500	16.00	12.20	44,500	28,000	3.12	2.38	8.20	CH33-49	SL280UH110XV60C	5581860
XP21N-048-230	47,500	16.00	12.00	44,500	28,200	3.10	2.38	8.20	CH33-49	SLP98UH090XV48C	5581869
XP21N-048-230	47,500	16.00	12.00	44,500	28,200	3.10	2.38	8.20	CH33-49	SLP98UH090XV60C	5581875
XP21N-048-230	47,500	16.00	12.00	44,500	28,200	3.12	2.38	8.20	CH33-49	SLP98UH110XV60C	5581881
XP21N-048-230	47,000	14.70	11.50	45,000	28,600	3.08	2.36	8.20	CH33-49		5581893
XP21N-048-230	47,000	16.00	12.00	44,500	28,200	3.12	2.40	8.20	CH33-50/60C	CBWMV-60C-100	5581768
XP21N-048-230	47,000	16.00	11.70	44,500	28,400	3.10	2.38	8.20	CH33-50/60C	CBWMV-60C-120	5581775
XP21N-048-230	47,000	16.00	12.20	44,000	27,800	3.10	2.40	8.20	CH33-50/60C	EL180UH090E60C	5740304
XP21N-048-230	47,000	15.70	12.20	44,000	27,800	3.08	2.40	8.50	CH33-50/60C	EL180UH110E60C	5740755
XP21N-048-230	47,000	15.70	12.00	44,000	28,000	3.06	2.38	8.20	CH33-50/60C	EL195UH090XE48C	5581784
XP21N-048-230	47,000	15.70	12.00	44,000	28,000	3.08	2.38	8.20	CH33-50/60C	EL195UH110XE60C	5581790
XP21N-048-230	47,000	15.70	12.00	44,000	28,000	3.06	2.38	8.20	CH33-50/60C	EL296UH090XE48C	5650861
XP21N-048-230	47,000	16.00	11.70	44,500	28,200	3.10	2.38	8.20	CH33-50/60C	EL296UH090XV48C	5581799
XP21N-048-230	47,000	15.70	11.70	44,500	28,200	3.10	2.38	8.20	CH33-50/60C	EL296UH090XV60C	5581805
XP21N-048-230	47,000	15.70	12.00	44,000	28,000	3.08	2.38	8.20	CH33-50/60C	EL296UH110XE60C	5650871
XP21N-048-230	47,000	16.00	12.00	44,500	28,200	3.10	2.38	8.20	CH33-50/60C	EL296UH110XV48C	5581811
XP21N-048-230	47,500	16.00	12.00	44,500	28,200	3.12	2.38	8.20	CH33-50/60C	EL296UH110XV60C	5581817
XP21N-048-230	47,500	16.00	12.20	44,500	28,000	3.14	2.40	8.50	CH33-50/60C	SL280UH090V60C	5581845

NOTES:

All matches with EL195E and ML180E gas furnaces require the use of a Blower Motor Relay Kit (**85W66**) for proper unit operation.

Ratings are AHRI certified to 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.

Also see TXV Substitution Table at the beginning of the Heat Pump AHRI System Matches section.

When used with gas furnaces, a dual-fuel control, a control system with dual-fuel capabilities (LZP-2 or LZP-4), or a thermostat with dual-fuel capabilities must be used (order separately).

To convert HSPF from Region IV to Region V - Divide by 1.15.

AHRI SYSTEM MATCHES

Model No.	Cooling Capacity	SEER	EER	Heat Capacity		Heat COP		HSPF (IV)	Coil or Air Handler	Furnace	AHRI Reference
				High	Low	High	Low				
XP21N-048-230	47,500	16.00	12.20	44,500	28,000	3.14	2.40	8.50	CH33-50/60C	SL280UH090XV60C	5581851
XP21N-048-230	47,000	16.00	12.00	44,500	28,000	3.12	2.38	8.20	CH33-50/60C	SL280UH110V60C	5581857
XP21N-048-230	47,000	16.00	12.00	44,500	28,000	3.12	2.38	8.20	CH33-50/60C	SL280UH110XV60C	5581861
XP21N-048-230	47,000	16.00	11.70	44,500	28,200	3.10	2.38	8.20	CH33-50/60C	SLP98UH090XV48C	5581870
XP21N-048-230	47,000	15.70	11.70	44,500	28,200	3.10	2.38	8.20	CH33-50/60C	SLP98UH090XV60C	5581876
XP21N-048-230	47,500	16.00	12.00	44,500	28,200	3.12	2.38	8.20	CH33-50/60C	SLP98UH110XV60C	5581882
XP21N-048-230	47,000	14.70	11.50	45,000	28,600	3.08	2.36	8.20	CH33-50/60C		5581894
XP21N-048-230	46,000	15.50	11.70	45,000	28,800	3.30	2.46	8.50	CH33-62D	EL195UH135XE60D	5581793
XP21N-048-230	46,000	15.50	11.70	45,000	28,800	3.30	2.46	8.50	CH33-62D	EL296UH135XE60D	5650864
XP21N-048-230	45,500	14.50	11.20	45,500	29,200	3.24	2.40	8.20	CH33-62D		5581895
XP21N-048-230	47,000	16.20	11.70	46,000	29,000	3.22	2.52	8.70	CR33-50/60	CBWVMV-60C-100	5581769
XP21N-048-230	47,000	16.20	11.70	46,000	29,000	3.22	2.52	8.70	CR33-50/60	CBWVMV-60C-120	5581776
XP21N-048-230	47,000	16.20	11.70	46,000	29,000	3.20	2.50	8.50	CR33-50/60	EL296DF090XV60C	5581794
XP21N-048-230	47,000	16.20	11.70	46,000	29,000	3.20	2.50	8.50	CR33-50/60	EL296DF110XV60C	5581795
XP21N-048-230	47,000	16.50	12.20	46,000	28,600	3.24	2.56	8.70	CR33-50/60	SL280DF090V60C	5581840
XP21N-048-230	47,000	16.50	12.50	46,000	28,600	3.24	2.56	8.70	CR33-50/60	SL280DF110V60C	5581841
XP21N-048-230	47,000	16.20	12.00	46,000	29,000	3.18	2.50	8.50	CR33-50/60	SLP98DF090XV48C	5581864
XP21N-048-230	47,000	16.20	11.70	46,000	29,000	3.20	2.50	8.50	CR33-50/60	SLP98DF090XV60C	5581865
XP21N-048-230	47,000	16.20	11.70	46,000	29,000	3.20	2.50	8.50	CR33-50/60	SLP98DF110XV60C	5581866
XP21N-048-230	46,500	14.70	11.50	47,000	29,200	3.12	2.46	8.50	CR33-50/60		5581896
XP21N-048-230	46,500	14.70	11.50	47,000	29,200	3.12	2.46	8.50	CR33-60		5581897
XP21N-048-230	47,500	16.50	12.20	44,500	28,200	3.30	2.58	8.20	CX34-49	SL280UH110V60C	5581909
XP21N-048-230	47,500	16.50	12.20	44,500	28,400	3.28	2.56	8.20	CX34-49C	CBWVMV-60C-100	5581770
XP21N-048-230	47,500	16.20	12.00	44,500	28,600	3.28	2.56	8.20	CX34-49C	CBWVMV-60C-120	5581777
XP21N-048-230	47,500	16.50	12.20	44,000	28,200	3.28	2.58	8.50	CX34-49C	EL180UH090E60C	5740300
XP21N-048-230	47,000	16.20	12.20	44,000	28,200	3.26	2.56	8.50	CX34-49C	EL180UH110E60C	5740756
XP21N-048-230	47,000	16.20	12.20	44,500	28,400	3.28	2.54	8.20	CX34-49C	EL195UH090XE48C	5581785
XP21N-048-230	47,500	16.20	12.20	44,500	28,400	3.30	2.56	8.20	CX34-49C	EL195UH110XE60C	5581791
XP21N-048-230	47,000	16.20	12.20	44,500	28,400	3.28	2.54	8.20	CX34-49C	EL296UH090XE48C	5650863
XP21N-048-230	47,500	16.50	12.20	44,500	28,400	3.28	2.56	8.20	CX34-49C	EL296UH090XV48C	5581800
XP21N-048-230	47,500	16.20	12.20	44,500	28,600	3.28	2.56	8.20	CX34-49C	EL296UH090XV60C	5581806
XP21N-048-230	47,500	16.20	12.20	44,500	28,400	3.30	2.56	8.20	CX34-49C	EL296UH110XE60C	5650868
XP21N-048-230	47,500	16.50	12.20	44,500	28,400	3.28	2.54	8.20	CX34-49C	EL296UH110XV48C	5581812
XP21N-048-230	47,500	16.50	12.00	44,500	28,600	3.28	2.54	8.20	CX34-49C	EL296UH110XV60C	5581818
XP21N-048-230	47,000	15.70	11.50	45,000	29,000	3.22	2.50	8.20	CX34-49C	O23V3/4-105/120	5581834
XP21N-048-230	47,000	16.20	11.70	45,000	28,800	3.24	2.50	8.20	CX34-49C	O23V5-140/154	5581838
XP21N-048-230	47,500	16.70	12.20	44,500	28,400	3.32	2.56	8.20	CX34-49C	SL280UH090V60C	5581846
XP21N-048-230	47,500	16.70	12.20	44,500	28,400	3.32	2.56	8.20	CX34-49C	SL280UH110V60C	5581852
XP21N-048-230	47,500	16.50	12.20	44,500	28,200	3.30	2.58	8.20	CX34-49C	SL280UH110XV60C	5581862
XP21N-048-230	47,500	16.50	12.20	44,500	28,400	3.28	2.56	8.20	CX34-49C	SLP98UH090XV48C	5581871
XP21N-048-230	47,500	16.20	12.20	44,500	28,600	3.28	2.56	8.20	CX34-49C	SLP98UH090XV60C	5581877
XP21N-048-230	47,500	16.50	12.00	44,500	28,600	3.28	2.54	8.20	CX34-49C	SLP98UH110XV60C	5581883
XP21N-048-230	47,000	15.00	11.50	45,000	29,000	3.20	2.50	8.20	CX34-49C		5581898
XP21N-048-230	49,000	16.70	12.50	45,500	28,400	3.38	2.64	8.20	CX34-62C	CBWVMV-60C-100	5581771
XP21N-048-230	49,000	16.70	12.50	45,500	28,600	3.38	2.62	8.20	CX34-62C	CBWVMV-60C-120	5581778
XP21N-048-230	48,500	16.70	12.50	45,000	28,200	3.38	2.66	8.20	CX34-62C	EL180UH090E60C	5740302

NOTES:

All matches with EL195E and ML180E gas furnaces require the use of a Blower Motor Relay Kit (**85W66**) for proper unit operation.

Ratings are AHRI certified to 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.

Also see TXV Substitution Table at the beginning of the Heat Pump AHRI System Matches section.

When used with gas furnaces, a dual-fuel control, a control system with dual-fuel capabilities (LZP-2 or LZP-4), or a thermostat with dual-fuel capabilities must be used (order separately).

To convert HSPF from Region IV to Region V - Divide by 1.15.

AHRI SYSTEM MATCHES

Model No.	Cooling Capacity	SEER	EER	Heat Capacity		Heat COP		HSPF (IV)	Coil or Air Handler	Furnace	AHRI Reference
				High	Low	High	Low				
XP21N-048-230	48,500	16.70	12.70	45,000	28,200	3.34	2.64	8.50	CX34-62C	EL180UH110E60C	5740759
XP21N-048-230	48,500	16.50	12.50	45,000	28,400	3.34	2.62	8.20	CX34-62C	EL195UH090XE48C	5581786
XP21N-048-230	48,500	16.70	12.50	45,000	28,400	3.36	2.64	8.20	CX34-62C	EL195UH110XE60C	5581792
XP21N-048-230	48,500	16.50	12.50	45,000	28,400	3.34	2.62	8.20	CX34-62C	EL296UH090XE48C	5650869
XP21N-048-230	48,500	17.00	12.20	45,000	28,400	3.34	2.62	8.20	CX34-62C	EL296UH090XV48C	5581801
XP21N-048-230	48,500	16.70	12.20	45,000	28,400	3.34	2.62	8.20	CX34-62C	EL296UH090XV60C	5581807
XP21N-048-230	48,500	16.70	12.50	45,000	28,400	3.36	2.64	8.20	CX34-62C	EL296UH110XE60C	5650862
XP21N-048-230	48,500	16.70	12.50	45,000	28,400	3.34	2.62	8.20	CX34-62C	EL296UH110XV48C	5581813
XP21N-048-230	48,500	16.70	12.20	45,500	28,600	3.36	2.62	8.20	CX34-62C	EL296UH110XV60C	5581819
XP21N-048-230	48,500	16.00	12.00	45,500	29,000	3.28	2.56	8.20	CX34-62C	O23V3/4-105/120	5581835
XP21N-048-230	48,500	16.70	12.00	45,500	28,800	3.30	2.56	8.20	CX34-62C	O23V5-140/154	5581839
XP21N-048-230	49,000	17.00	12.50	45,000	8,400	3.38	2.64	8.20	CX34-62C	SL280UH090V60C	5581847
XP21N-048-230	49,000	17.00	12.50	45,000	28,400	3.38	2.64	8.20	CX34-62C	SL280UH110V60C	5581853
XP21N-048-230	48,500	17.00	12.50	45,000	28,200	3.36	2.64	8.20	CX34-62C	SL280UH110V60C	5581908
XP21N-048-230	48,500	17.00	12.50	45,000	28,200	3.36	2.64	8.20	CX34-62C	SL280UH110XV60C	5581863
XP21N-048-230	48,500	17.00	12.20	45,000	28,400	3.34	2.62	8.20	CX34-62C	SLP98UH090XV48C	5581872
XP21N-048-230	48,500	16.70	12.20	45,000	28,400	3.34	2.62	8.20	CX34-62C	SLP98UH090XV60C	5581878
XP21N-048-230	48,500	16.70	12.20	45,500	28,600	3.36	2.62	8.20	CX34-62C	SLP98UH110XV60C	5581884
XP21N-048-230	48,500	15.20	12.00	45,500	29,000	3.26	2.56	8.20	CX34-62C		5581899

NOTES:

All matches with EL195E and ML180E gas furnaces require the use of a Blower Motor Relay Kit (**85W66**) for proper unit operation.

Ratings are AHRI certified to 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.

Also see TXV Substitution Table at the beginning of the Heat Pump AHRI System Matches section.

When used with gas furnaces, a dual-fuel control, a control system with dual-fuel capabilities (LZP-2 or LZP-4), or a thermostat with dual-fuel capabilities must be used (order separately).

To convert HSPF from Region IV to Region V - Divide by 1.15.

REVISIONS

Sections	Description of Change
AHRI System Matches	Updated.



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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.

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