

# HEAT PUMP OUTDOOR UNITS



**XP13**  
ELITE® Series  
R-410A

## PRODUCT SPECIFICATIONS

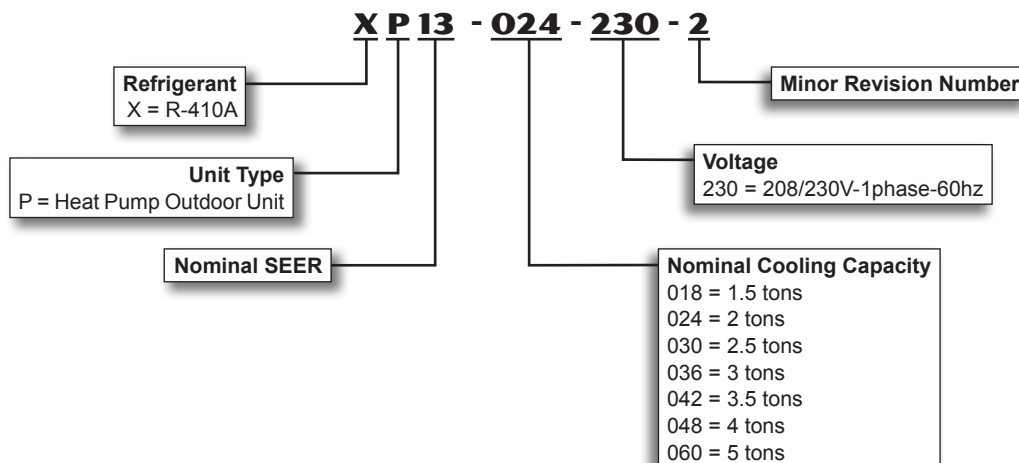
Bulletin No. 210432  
June 2015  
Supersedes January 2015



**SEER up to 15.00**  
**1.5 to 5 Tons**

**Cooling Capacity - 18,300 to 59,500 Btuh**  
**Heating Capacity - 16,900 to 56,000 Btuh**

## MODEL NUMBER IDENTIFICATION



## FEATURES

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### WARRANTY

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

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

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

### APPLICATIONS

SEER up to 15.00.

HSPF (Region IV) up to 8.70

1.5 through 5 ton.

Single phase power supply.

Sound levels as low as 74 dB.

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

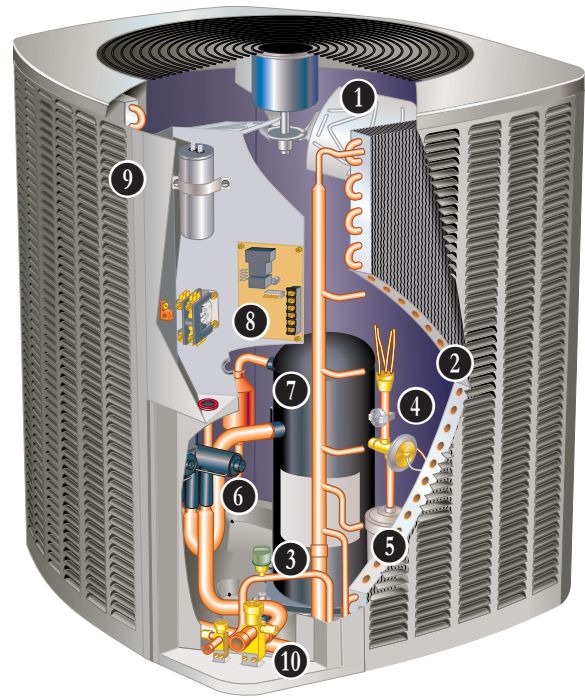
Designed for applications with remotely located indoor air handler units or gas furnaces with indoor add-on coils. When heat pumps are used with gas furnaces, a dual-fuel control or a control system with dual-fuel capabilities (i.e. Harmony III™, LZP-2 or LZP-4) must be used (order separately).

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 outdoor unit, connect refrigerant lines, and make electrical connections to complete job.

For expanded ratings, see [www.lennox.com](http://www.lennox.com)



### 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 pump outdoor units 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.

## FEATURES

### REFRIGERATION SYSTEM

#### R-410A Refrigerant

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

Unit is factory pre-charged with refrigerant. See Specification table.

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.



#### 1 Outdoor Coil Fan

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 has sleeve bearings and is inherently protected.

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

Fan guard constructed of corrosion-resistant PVC (polyvinyl chloride) coated steel.

Fan service access accomplished by removal of fan guard.

#### 2 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.

Flared shoulder tubing connections/silver soldering construction.

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

Entire coil is accessible for cleaning.

#### 3 High Pressure Switch

Protects the system from high pressure conditions that can be a result of fan failure or a blocked/dirty coil.

Manual reset.

#### Low Pressure Switch

Shuts off unit if suction pressure falls below setting.

Provides loss of charge and freeze-up protection.

Automatic reset.

#### 4 Expansion Valve - Outdoor Unit

Designed and sized specifically for use in heat pump system.

Sensing bulb is located on the suction line between the reversing valve and the compressor to sense evaporator suction temperature in any cycle.

Factory installed and piped.

#### 5 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.

#### 6 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

#### Check/Expansion Valve Kits

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

Chatleff-style fittings.

#### Refrigerant Line Kits

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

Suction line fully insulated.

Lines are stubbed at both ends.

Not available for -060 models. Must be field fabricated.

## FEATURES

### COMPRESSOR

#### 7 Scroll Compressor

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

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

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

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

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

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

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

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

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

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 resilient rubber mounts for vibration free operation.

#### Compressor Crankcase Heater (Factory installed on -042-048-060 models)

Protects against refrigerant migration that can occur during low ambient operation.

### Optional Accessories

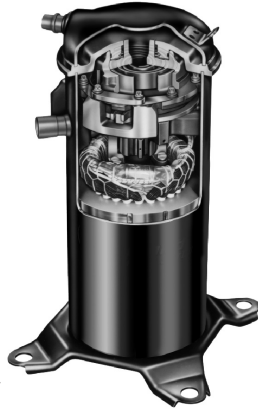
#### Compressor Crankcase Heater (Optional for -018-024-030-036 models)

Protects against refrigerant migration that can occur during low ambient operation.

#### Compressor Sound Cover

A reinforced vinyl compressor cover containing a 1-1/2 inch thick batt of fiberglass insulation.

All open edges are sealed with a one-inch wide hook and loop fastening tape.



### CONTROLS

#### 8 Defrost Control

Solid-state time/temperature defrost control is furnished as standard equipment.

Control initiates a defrost cycle every 30, 60 or 90 minutes of compressor "on" time at outdoor coil temperatures below 42°F (factory setting 60 minutes).

Anti-short cycle, timed-off control incorporated into the board.

High and low pressure switch monitoring with five-trip lockout.

Diagnostic LED's furnished as an aid in troubleshooting. Conveniently located in control box.

### Optional Accessories

#### Compressor Hard Start Kit

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

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

#### Compressor Low Ambient Cut-Off

Non-adjustable switch (low ambient cut-out) prevents compressor operation when outdoor temperature is below 35°F.

#### Freezestat

Installs on or near the vapor line of the indoor coil 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.

#### Indoor Blower Off Delay Relay

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

See AHRI System Matches for usage.

#### Low Ambient Kit

Heat pump in the cooling mode will operate satisfactorily down to 45°F outdoor air temperature without any additional controls.

Low Ambient Control Kit can be field installed, allowing unit operation down to 30°F.

Crankcase heater and 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.

#### Low Pressure Switch Bypass Thermostat

For use in applications where the heat pump is operated in outdoor ambient temperatures below 15°F.

Prevents nuisance trips from the low pressure switch.

Wired in parallel with the low pressure switch.



## FEATURES

### **CONTROLS (continued)**

#### **Optional Accessories**

##### **Mild Weather Kit**

Heat pump units operate satisfactorily in the heating mode at outdoor air temperatures up to 75°F.

Mild Weather Kit can be field installed, allowing heating operation above 75°F.

##### **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.

Thermostat kit and mounting box must be ordered extra.

##### **Thermostat**

Thermostat not furnished with unit. See Thermostat bulletins in Controls Section and Lennox Price Book.

### **CABINET**

Heavy-gauge steel construction

Pre-painted cabinet finish.

Control box is conveniently located with all controls factory wired.

Corner patch plate allows access to compressor components.

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.

##### **9 SmartHinge™ 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.



##### **10 Refrigerant Line Connections, Electrical Inlets, Service Valves**

Suction 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. Suction valve can be fully shut off, while liquid valve may be front seated to manage refrigerant charge while servicing system.

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

## SPECIFICATIONS

General Data		Model No.	XP13-018	XP13-024	XP13-030	XP13-036	XP13-042	XP13-048	XP13-060
Nominal Tonnage			1.5	2	2.5	3	3.5	4	5
Connections (sweat)	Liquid line o.d. - in.		3/8	3/8	3/8	3/8	3/8	3/8	3/8
	Vapor line o.d. - in.		3/4	3/4	3/4	3/4	7/8	7/8	1-1/8
<sup>1</sup> Refrigerant (R-410A) furnished			5 lbs. 13 oz.	4 lbs. 6 oz.	5 lbs. 12 oz.	6 lbs. 6 oz.	7 lbs. 4 oz.	9 lbs. 11 oz.	9 lbs. 11 oz.
Outdoor Coil	Net face area sq. ft.	Outer coil	15.11	15.11	16.33	21.00	24.50	18.67	21.00
		Inner coil	---	---	---	---	---	18.01	20.27
	Tube diameter - in.		5/16	5/16	5/16	5/16	5/16	5/16	5/16
	Number of rows		1	1	1	1	1	2	2
	Fins per inch		22	22	22	22	22	22	22
Outdoor Fan	Diameter - in.		18	18	22	22	22	22	22
	Number of blades		3	3	3	3	4	4	4
	Motor hp		1/10	1/10	1/6	1/6	1/4	1/4	1/3
	Cfm		2215	2215	2770	2890	3520	3375	3875
	Rpm		1040	1040	848	847	844	833	815
	Watts		145	145	200	200	285	290	325
Shipping Data - lbs. 1 package			176	181	195	217	261	264	286

## ELECTRICAL DATA

Line voltage data - 60 hz - 1ph		208/230V	208/230V	208/230V	208/230V	208/230V	208/230V	208/230V
<sup>2</sup> Maximum overcurrent protection (amps)		20	30	30	35	45	50	60
<sup>3</sup> Minimum circuit ampacity		11.9	17.6	18.6	20.2	28.1	28.8	36.2
Compressor	Rated load amps	9.0	13.5	14.1	15.2	21.1	21.8	27.6
	Locked rotor amps	48	58.3	64	70	90	99	120
	Power factor	0.98	0.98	0.98	0.99	0.99	0.99	0.99
Outdoor Fan Motor	Full load amps	0.7	0.8	1.1	1.1	1.4	1.5	1.7
	Locked rotor amps	1.4	1.4	1.9	1.9	3.1	3.1	2.9

## OPTIONAL ACCESSORIES - ORDER SEPARATELY

Compressor Crankcase Heater	93M04	•	•	•	•	Factory	Factory	Factory
Compressor Hard Start Kit	10J42	•						
	88M91		•	•	•	•	•	•
Compressor Low Ambient Cut-Off	45F08	•	•	•	•	•	•	•
Compressor Sound Cover	69J03	•	•	•	•	•	•	•
Freezestat	3/8 in. tubing	93G35	•	•	•	•	•	•
	5/8 in. tubing	50A93	•	•	•	•	•	•
Indoor Blower Off Delay Relay	58M81	•	•	•	•	•	•	•
<sup>4</sup> Low Ambient Kit	54M89	•	•	•	•	•	•	•
Low Pressure Switch Bypass Thermostat	13W07	•	•	•	•	•	•	•
Mild Weather Kit	33M07	•	•	•	•	•	•	•
Monitor Kit - Service Light	76F53	•	•	•	•	•	•	•
Outdoor Thermostat Kit	Thermostat	56A87	•	•	•	•	•	•
	Mounting Box	31461	•	•	•	•	•	•
Refrigerant Line Sets	L15-41-20, L15-41-30, L15-41-40, L15-41-50		•	•	•			
	L15-65-30, L15-65-40, L15-65-50					•	•	
	Field Fabricate							•

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

<sup>1</sup> 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.

<sup>2</sup> HACR type circuit breaker or fuse.

<sup>3</sup> Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.

<sup>4</sup> Crankcase Heater and Freezestat are recommended with Low Ambient Kit.

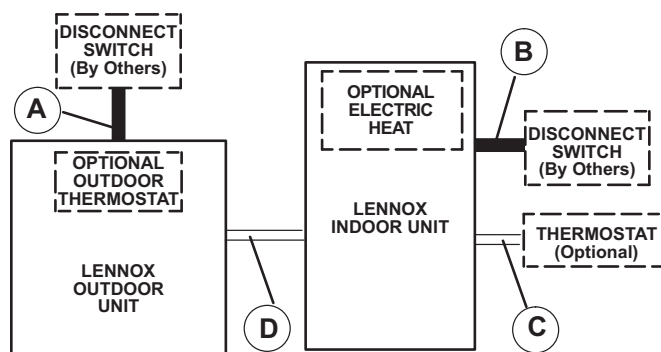
## SOUND DATA

<sup>1</sup> Unit Model No.	Octave Band Linear Sound Power Levels dB, re 10 <sup>-12</sup> Watts Center Frequency - HZ								<sup>1</sup> Sound Rating Number (dB)
	63	125	250	500	1000	2000	4000	8000	
XP13-018	77	70.5	66.5	69.5	71	60.5	55.5	50.5	75
XP13-024	77.5	70	68	70.5	67.5	61.5	58	52.5	74
XP13-030	74.5	70.5	73.5	73	70.5	64.5	59.5	56.5	76
XP13-036	76.5	71	68.5	73.5	69.5	65.5	62.5	59.5	76
XP13-042	79	71	72	73.5	71.5	64.5	59.5	56.5	76
XP13-048	82.5	70.5	70.5	71.5	71.5	66.5	59.5	58.5	76
XP13-060	80.5	75	72.5	73.5	71	65.5	61	60	76

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

<sup>1</sup> Tested according to AHRI Standard 270-95 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

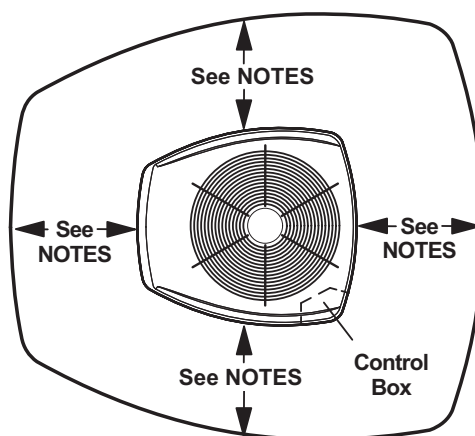
D - Eight Wire Low Voltage 18 ga. minimum

Ten Wire Low Voltage with Optional Outdoor Thermostat

NOTE - Field Wiring Not Furnished

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

## INSTALLATION CLEARANCES - IN. (MM)



### NOTES:

Service clearance of 30 in. (762 mm) must be maintained on one of the sides adjacent to the control box.

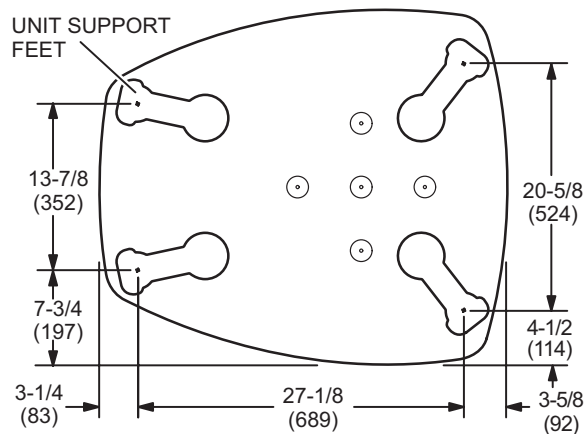
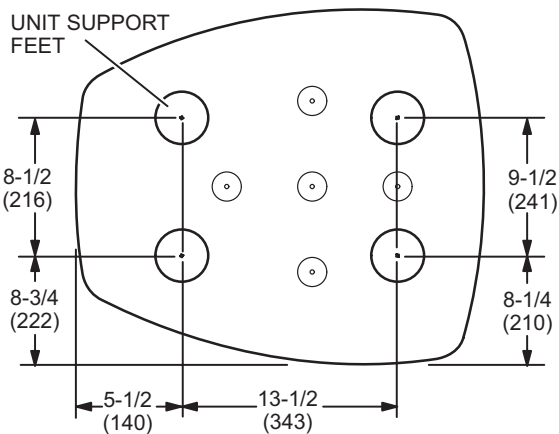
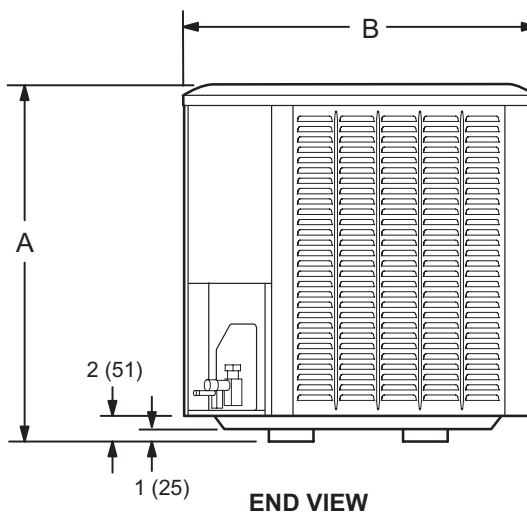
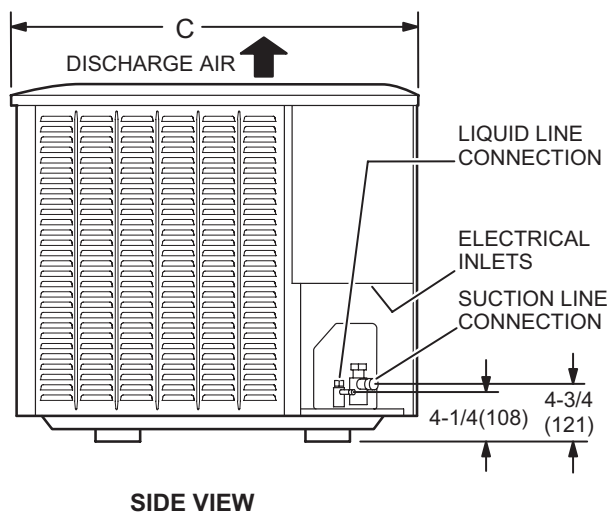
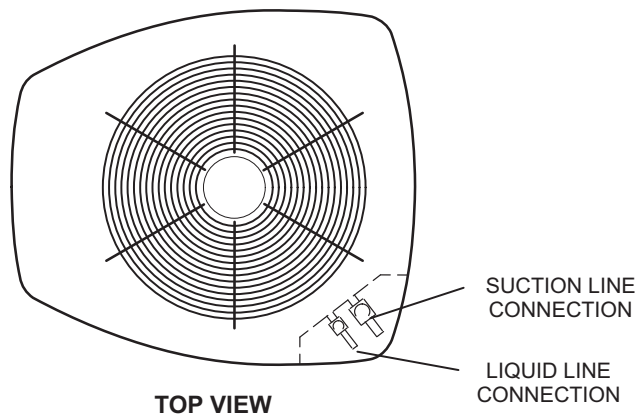
Clearance to one of the other three sides must be 36 in. (914 mm)

Clearance to one of the remaining two sides may be 12 in. (305 mm) and the final side may be 6 in. (152 mm).

A clearance of 24 in. (610 mm) must be maintained between two units.

48 in. (1219 mm) clearance required on top of unit.

# DIMENSIONS - INCHES (MM)



XP13-018 TO -024 BASE SECTION  
(Small Base)

XP13-030 TO -060 BASE SECTION  
(Medium Base)

Model No.	A		B		C	
	inches	mm	inches	mm	inches	mm
XP13-018 XP13-024	35	889	27	686	28	711
XP13-030	31	787	30-1/2	775	35	889
XP13-036	39	991	30-1/2	775	35	889
XP13-042	45	1143	30-1/2	775	35	889
XP13-048	35	889	30-1/2	775	35	889
XP13-060	39	991	30-1/2	775	35	889



## TXV USAGE

Model No.	Order No.
XP13-018	12J18
XP13-024	12J18
XP13-030	12J18
XP13-036	12J19
XP13-042	12J20
XP13-048	12J20
XP13-060	12J20

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 Model No.	Outdoor Model No
XP13-018	CBX26UH-018
XP13-024	CBX26UH-024
XP13-030	CBX26UH-030
XP13-036	CBX26UH-036
XP13-042	CBX26UH-042
XP13-048	CBX26UH-048
XP13-060	CBX26UH-060

## 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.

## \*TXV SUBSTITUTIONS

Indoor Coils with factory installed expansion valves that require field replacement

Model No.	Air Handler	Factory TXV	Replacement TXV
XP13-036	CBX40UHV-030	12J18	12J19
XP13-042	CBX32MV-036	12J19	12J20
XP13-042	CBX40UHV-036	12J19	12J20

\*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 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				
XP13-018-230	19,500	14.50	12.50	17,100	11,000	3.58	2.44	8.20	C33-25	EL180UH045E36A	5741740
XP13-018-230	19,500	14.50	12.50	17,100	11,000	3.58	2.44	8.20	C33-25	EL180UH045XE36A	5741839
XP13-018-230	18,900	13.00	11.50	17,400	11,400	3.26	2.28	7.70	C33-25		5318488
XP13-018-230	18,300	13.00	11.00	17,200	10,900	3.26	2.26	7.70	CBX25UH-018		5726996
XP13-018-230	18,700	14.50	12.00	16,900	10,600	3.42	2.36	8.00	CBX25UHV-018		6970092
XP13-018-230	19,200	14.00	11.50	17,200	10,900	3.72	2.50	8.00	CBX27UH-024		5318493
XP13-018-230	18,700	13.00	11.50	17,500	11,300	3.40	2.32	7.70	CBX32M-018/024		5318491
XP13-018-230	19,100	13.70	11.50	17,300	11,100	3.56	2.42	8.00	CBX32MV-018/024		5318490
XP13-018-230	19,100	13.70	11.50	17,300	11,100	3.60	2.46	8.00	CBX32MV-024/030		5318494
XP13-018-230	19,300	13.00	11.50	17,500	11,200	3.68	2.48	8.00	CBX40UHV-024		5318492
XP13-018-230	18,400	13.00	11.50	17,500	11,300	3.36	2.30	7.70	CH33-25		5318485
XP13-018-230	19,100	15.00	12.50	17,100	10,900	3.64	2.46	8.20	CH33-25A	EL180UH045E36A	5741739
XP13-018-230	19,100	15.00	12.50	17,100	10,900	3.64	2.46	8.20	CH33-25A	EL180UH045XE36A	5741838
XP13-018-230	19,000	14.50	12.50	17,000	10,900	3.56	2.44	8.20	CH33-36A	EL180UH045E36A	5741741
XP13-018-230	19,000	14.50	12.50	17,000	10,900	3.56	2.44	8.20	CH33-36A	EL180UH045XE36A	5741840
XP13-018-230	18,400	13.00	11.50	17,400	11,200	3.26	2.24	7.70	CH33-36A		5318486
XP13-018-230	19,300	15.00	12.50	17,700	10,900	3.82	2.50	8.50	CR33-30/36	EL180DF045E36A	5741524
XP13-018-230	19,000	14.50	12.00	17,800	11,000	3.70	2.42	8.20	CR33-30/36	EL180DF070E36B	5741554
XP13-018-230	18,600	13.00	11.50	17,900	11,300	3.44	2.32	7.70	CR33-30/36		5318487
XP13-018-230	19,500	14.50	12.50	17,100	11,000	3.58	2.44	8.20	CX34-25	EL180UH045E36A	5741738
XP13-018-230	19,500	14.50	12.50	17,100	11,000	3.58	2.44	8.20	CX34-25	EL180UH045XE36A	5741836
XP13-018-230	18,900	13.00	11.50	17,400	11,400	3.26	2.28	7.70	CX34-25		5318484
XP13-024-230	24,800	14.00	12.00	20,800	13,600	3.52	2.46	8.20	C33-25	EL180UH045E36A	5741745
XP13-024-230	24,800	14.00	12.00	20,800	13,600	3.52	2.46	8.20	C33-25	EL180UH045XE36A	5741843
XP13-024-230	25,000	14.00	12.00	20,800	13,400	3.60	2.48	8.50	C33-25	EL180UH070E36B	5742020
XP13-024-230	25,000	14.00	12.00	20,800	13,400	3.60	2.48	8.50	C33-25	EL180UH070XE36B	5742190
XP13-024-230	24,800	14.00	12.00	20,800	13,400	3.52	2.42	8.20	C33-25	EL195UH045XE36B	5326696
XP13-024-230	24,800	14.00	12.00	20,800	13,400	3.58	2.46	8.50	C33-25	EL195UH070XE36B	5326699
XP13-024-230	24,800	14.00	12.00	20,800	13,400	3.52	2.42	8.20	C33-25	EL296UH045XE36B	5650609
XP13-024-230	24,800	14.00	12.00	20,800	13,400	3.58	2.46	8.50	C33-25	EL296UH070XE36B	5650614
XP13-024-230	24,800	14.50	12.00	20,800	13,400	3.60	2.46	8.50	C33-25	EL296UH070XV36B	5326708
XP13-024-230	25,000	14.50	12.00	20,800	13,600	3.56	2.46	8.20	C33-25	SL280UH070V36A	5532363
XP13-024-230	25,000	14.50	12.00	20,800	13,400	3.64	2.50	8.50	C33-25	SL280UH090V36B	5532450
XP13-024-230	24,800	14.00	11.50	20,800	13,400	3.52	2.42	8.20	C33-25	SL280UH090V48B	5326681
XP13-024-230	24,800	14.50	12.00	20,800	13,400	3.60	2.46	8.50	C33-25	SLP98UH070XV36B	5326717
XP13-024-230	24,400	13.00	11.50	21,200	14,000	3.28	2.30	7.70	C33-25		5326661
XP13-024-230	23,400	13.00	11.00	21,400	14,100	3.34	2.34	8.00	CBX25UH-024		5726997
XP13-024-230	24,000	14.00	12.20	21,000	13,600	3.56	2.46	8.20	CBX25UHV-024		6970093
XP13-024-230	24,800	14.00	11.50	21,000	13,700	3.76	2.58	8.50	CBX27UH-024		5326666
XP13-024-230	25,000	14.00	11.50	21,000	13,700	3.84	2.62	8.50	CBX27UH-030		5326669
XP13-024-230	24,400	13.00	11.50	21,600	14,100	3.66	2.50	8.50	CBX32M-030		5326665
XP13-024-230	24,400	13.50	11.50	21,600	14,000	3.56	2.46	8.50	CBX32MV-018/024		5326663
XP13-024-230	25,000	14.00	11.50	21,400	14,000	3.78	2.58	8.50	CBX32MV-024/030		5326664
XP13-024-230	25,200	13.50	11.50	21,400	14,000	3.84	2.60	8.50	CBX32MV-036		5326667
XP13-024-230	25,000	13.70	11.50	21,200	13,800	3.82	2.58	8.70	CBX40UHV-024		5326668
XP13-024-230	24,600	14.00	12.00	20,600	13,500	3.62	2.50	8.70	CH33-25B	EL180UH070E36B	5742021
XP13-024-230	24,600	14.00	12.00	20,600	13,500	3.62	2.50	8.70	CH33-25B	EL180UH070XE36B	5742189

### NOTES:

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 (ordered extra).

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				
XP13-024-230	24,400	14.00	12.00	20,600	13,500	3.56	2.46	8.50	CH33-25B	EL195UH045XE36B	5326697
XP13-024-230	24,600	14.00	12.00	20,400	13,500	3.60	2.50	8.50	CH33-25B	EL195UH070XE36B	5326700
XP13-024-230	24,400	14.00	12.00	20,600	13,500	3.56	2.46	8.50	CH33-25B	EL296UH045XE36B	5650606
XP13-024-230	24,600	14.00	12.00	20,400	13,500	3.60	2.50	8.50	CH33-25B	EL296UH070XE36B	5650612
XP13-024-230	24,600	14.50	12.00	20,400	13,500	3.58	2.50	8.50	CH33-25B	EL296UH070XV36B	5326707
XP13-024-230	24,600	14.00	12.00	20,600	13,500	3.66	2.54	8.50	CH33-25B	SL280UH090V36B	5532449
XP13-024-230	24,400	14.00	11.50	20,600	13,500	3.56	2.46	8.20	CH33-25B	SL280UH090V48B	5326674
XP13-024-230	24,600	14.50	12.00	20,400	13,500	3.58	2.50	8.50	CH33-25B	SLP98UH070XV36B	5326714
XP13-024-230	24,400	13.00	11.50	21,200	14,300	3.32	2.34	8.00	CH33-25B		5326659
XP13-024-230	24,600	14.00	12.00	20,400	13,500	3.58	2.50	8.50	CH33-36B	EL180UH070E36B	5742023
XP13-024-230	24,600	14.00	12.00	20,400	13,500	3.58	2.50	8.50	CH33-36B	EL180UH070XE36B	5742191
XP13-024-230	24,200	14.00	12.00	20,400	13,500	3.50	2.46	8.50	CH33-36B	EL195UH045XE36B	5326698
XP13-024-230	24,400	14.00	12.00	20,400	13,400	3.58	2.48	8.50	CH33-36B	EL195UH070XE36B	5326701
XP13-024-230	24,200	14.00	12.00	20,400	13,500	3.50	2.46	8.50	CH33-36B	EL296UH045XE36B	5650611
XP13-024-230	24,400	14.00	12.00	20,400	13,400	3.58	2.48	8.50	CH33-36B	EL296UH070XE36B	5650615
XP13-024-230	24,400	14.50	12.00	20,400	13,400	3.58	2.48	8.50	CH33-36B	EL296UH070XV36B	5326709
XP13-024-230	24,600	14.25	12.00	20,400	13,400	3.62	2.50	8.50	CH33-36B	SL280UH090V36B	5532452
XP13-024-230	24,200	14.00	11.50	20,600	13,500	3.54	2.46	8.20	CH33-36B	SL280UH090V48B	5326676
XP13-024-230	24,400	14.50	12.00	20,400	13,400	3.58	2.48	8.50	CH33-36B	SLP98UH070XV36B	5326715
XP13-024-230	23,600	14.00	12.00	20,600	13,600	3.58	2.50	8.50	CR33-30/36	EL180DF045E36A	5741526
XP13-024-230	24,000	14.50	12.00	20,800	13,700	3.74	2.58	8.70	CR33-30/36	EL180DF070E36B	5741556
XP13-024-230	23,800	14.50	12.00	20,600	13,700	3.62	2.54	8.70	CR33-30/36	EL195DF045XE36B	5326702
XP13-024-230	24,000	14.00	12.00	20,800	13,700	3.72	2.56	8.70	CR33-30/36	EL195DF070XE48B	5326703
XP13-024-230	23,800	14.50	12.00	20,600	13,700	3.62	2.54	8.70	CR33-30/36	EL296DF045XE36B	5650608
XP13-024-230	24,000	14.50	12.20	20,800	13,800	3.70	2.56	8.70	CR33-30/36	EL296DF045XV36B	7505747
XP13-024-230	24,000	14.00	12.00	20,800	13,700	3.72	2.56	8.70	CR33-30/36	EL296DF070XE48B	5650613
XP13-024-230	24,200	14.50	12.20	21,000	13,900	3.70	2.54	8.70	CR33-30/36	EL296DF070XV48B	7487532
XP13-024-230	23,800	14.00	11.50	20,800	13,700	3.64	2.52	8.50	CR33-30/36	SL280DF070V36A	5326677
XP13-024-230	23,800	14.00	12.00	20,600	13,600	3.64	2.54	8.50	CR33-30/36	SL280DF090V48B	5326678
XP13-024-230	24,000	14.50	12.00	20,800	13,700	3.74	2.58	8.70	CR33-30/36	SLP98DF070XV36B	5326716
XP13-024-230	23,400	13.00	11.50	21,200	14,200	3.38	2.38	8.20	CR33-30/36		5326660
XP13-024-230	24,800	14.00	12.00	20,800	13,600	3.52	2.46	8.20	CX34-25	EL180UH045E36A	5741744
XP13-024-230	24,800	14.00	12.00	20,800	13,600	3.52	2.46	8.20	CX34-25	EL180UH045XE36A	5741844
XP13-024-230	25,000	14.00	12.00	20,800	13,400	3.60	2.48	8.50	CX34-25	EL180UH070E36B	5742022
XP13-024-230	25,000	14.00	12.00	20,800	13,400	3.60	2.48	8.50	CX34-25	EL180UH070XE36B	5742188
XP13-024-230	24,800	14.00	12.00	20,800	13,400	3.52	2.42	8.20	CX34-25	EL195UH045XE36B	5326704
XP13-024-230	24,800	14.00	12.00	20,800	13,400	3.58	2.46	8.50	CX34-25	EL195UH070XE36B	5326705
XP13-024-230	24,800	14.00	12.00	20,800	13,400	3.52	2.42	8.20	CX34-25	EL296UH045XE36B	5650610
XP13-024-230	24,800	14.00	12.00	20,800	13,400	3.58	2.46	8.50	CX34-25	EL296UH070XE36B	5650607
XP13-024-230	24,800	14.50	12.00	20,800	13,400	3.60	2.46	8.50	CX34-25	EL296UH070XV36B	5326710
XP13-024-230	25,000	14.00	12.00	20,800	13,600	3.56	2.46	8.20	CX34-25	SL280UH070V36A	5532362
XP13-024-230	25,000	14.50	12.00	20,800	13,400	3.64	2.50	8.50	CX34-25	SL280UH090V36B	5532451
XP13-024-230	24,800	14.00	11.50	20,800	13,400	3.52	2.42	8.20	CX34-25	SL280UH090V48B	5326672
XP13-024-230	24,800	14.50	12.00	20,800	13,400	3.60	2.46	8.50	CX34-25	SLP98UH070XV36B	5326713
XP13-024-230	24,400	13.00	11.50	21,200	14,000	3.28	2.30	7.70	CX34-25		5326658
XP13-030-230	30,600	14.00	11.50	26,800	17,100	3.52	2.42	8.20	C33-31	EL180UH045E36A	5741742
XP13-030-230	30,600	14.00	11.50	26,800	17,100	3.52	2.42	8.20	C33-31	EL180UH045XE36A	5741841

**NOTES:**

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 (ordered extra).

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				
XP13-030-230	30,400	14.00	11.50	26,600	16,900	3.54	2.44	8.20	C33-31	EL180UH070E36B	5742018
XP13-030-230	30,400	14.00	11.50	26,600	16,900	3.54	2.44	8.20	C33-31	EL180UH070XE36B	5742187
XP13-030-230	30,600	14.00	11.50	26,800	17,000	3.58	2.46	8.50	C33-31	EL180UH090E48B	5742354
XP13-030-230	30,600	14.00	11.50	26,800	17,000	3.58	2.46	8.50	C33-31	EL180UH090XE48B	5740390
XP13-030-230	30,400	14.00	11.50	26,800	17,200	3.50	2.42	8.20	C33-31	EL195UH045XE36B	5326637
XP13-030-230	30,400	14.00	11.50	26,800	17,100	3.54	2.42	8.20	C33-31	EL195UH070XE36B	5326640
XP13-030-230	30,400	14.00	11.50	26,800	17,200	3.50	2.42	8.20	C33-31	EL296UH045XE36B	5650597
XP13-030-230	30,400	14.00	11.50	26,800	17,100	3.54	2.42	8.20	C33-31	EL296UH070XE36B	5650599
XP13-030-230	30,400	14.50	11.50	26,800	17,100	3.54	2.44	8.20	C33-31	EL296UH070XV36B	5326649
XP13-030-230	30,600	14.50	11.50	26,800	17,000	3.56	2.44	8.20	C33-31	SL280UH070V36A	5532360
XP13-030-230	30,600	14.50	11.50	26,600	17,000	3.58	2.46	8.50	C33-31	SL280UH090V36B	5532445
XP13-030-230	30,400	14.50	11.50	26,800	17,100	3.54	2.44	8.20	C33-31	SLP98UH070XV36B	5326657
XP13-030-230	30,000	13.00	10.85	27,400	17,700	3.34	2.32	8.00	C33-31		5326589
XP13-030-230	28,400	13.00	11.00	27,000	17,300	3.46	2.38	8.00	CBX25UH-030		5726998
XP13-030-230	29,000	14.00	11.50	26,400	16,700	3.58	2.46	8.20	CBX25UHV-030		6970094
XP13-030-230	30,800	14.50	11.50	27,200	17,100	3.80	2.58	8.70	CBX27UH-030		5326597
XP13-030-230	30,800	14.50	11.50	27,200	17,100	3.84	2.60	8.70	CBX27UH-036		5326598
XP13-030-230	30,600	13.50	11.00	27,600	17,500	3.70	2.52	8.50	CBX32M-036		5326592
XP13-030-230	30,400	14.20	11.50	27,400	17,300	3.70	2.52	8.70	CBX32MV-024/030		5326591
XP13-030-230	30,600	14.20	11.00	27,200	17,200	3.76	2.56	8.70	CBX32MV-036		5326593
XP13-030-230	30,600	14.00	11.50	27,000	17,100	3.76	2.56	8.55	CBX40UHV-024		5326594
XP13-030-230	30,800	14.00	11.50	27,200	17,200	3.78	2.58	8.55	CBX40UHV-030		5326595
XP13-030-230	30,800	14.00	11.50	27,200	17,100	3.80	2.58	8.55	CBX40UHV-036		5326596
XP13-030-230	29,200	14.00	12.00	26,400	16,800	3.60	2.48	8.50	CH33-31B	EL180UH070E36B	5742015
XP13-030-230	29,200	14.00	12.00	26,400	16,800	3.60	2.48	8.50	CH33-31B	EL180UH070XE36B	5742186
XP13-030-230	29,400	14.00	12.00	26,400	16,900	3.64	2.50	8.50	CH33-31B	EL180UH090E48B	5742357
XP13-030-230	29,400	14.00	12.00	26,400	16,900	3.64	2.50	8.50	CH33-31B	EL180UH090XE48B	5740392
XP13-030-230	29,200	14.00	11.50	26,600	17,000	3.56	2.44	8.50	CH33-31B	EL195UH045XE36B	5326638
XP13-030-230	29,200	14.00	11.50	26,600	17,000	3.60	2.46	8.50	CH33-31B	EL195UH070XE36B	5326641
XP13-030-230	29,200	14.00	11.50	26,600	17,000	3.56	2.44	8.50	CH33-31B	EL296UH045XE36B	5650605
XP13-030-230	29,200	14.00	11.50	26,600	17,000	3.60	2.46	8.50	CH33-31B	EL296UH070XE36B	5650598
XP13-030-230	29,200	14.50	11.50	26,600	17,000	3.60	2.48	8.50	CH33-31B	EL296UH070XV36B	5326646
XP13-030-230	29,400	14.50	12.00	26,400	16,800	3.64	2.50	8.50	CH33-31B	SL280UH090V36B	5532447
XP13-030-230	29,400	14.50	12.00	26,600	16,900	3.64	2.48	8.50	CH33-31B	SL280UH090V48B	5326603
XP13-030-230	29,200	14.50	11.50	26,600	17,000	3.60	2.48	8.50	CH33-31B	SLP98UH070XV36B	5326653
XP13-030-230	28,800	13.00	10.95	27,200	17,500	3.40	2.34	8.00	CH33-31B		5326587
XP13-030-230	29,000	14.00	11.50	26,200	16,800	3.54	2.46	8.20	CH33-42	EL180UH070E36B	5742019
XP13-030-230	29,000	14.00	11.50	26,200	16,800	3.54	2.46	8.20	CH33-42	EL180UH070XE36B	5742185
XP13-030-230	29,200	14.00	11.50	26,400	16,800	3.60	2.46	8.50	CH33-42	EL180UH090E48B	5742355
XP13-030-230	29,200	14.00	11.50	26,400	16,800	3.60	2.46	8.50	CH33-42	EL180UH090XE48B	5740389
XP13-030-230	29,000	14.00	11.50	26,600	17,000	3.52	2.42	8.20	CH33-42	EL195UH045XE36B	5326639
XP13-030-230	29,200	14.00	11.50	26,800	17,100	3.58	2.44	8.20	CH33-42	EL195UH070XE36B	5326642
XP13-030-230	29,000	14.00	11.50	26,600	17,000	3.52	2.42	8.20	CH33-42	EL296UH045XE36B	5650600
XP13-030-230	29,200	14.00	11.50	26,800	17,100	3.58	2.44	8.20	CH33-42	EL296UH070XE36B	5650602
XP13-030-230	29,000	14.50	11.50	26,400	16,900	3.54	2.44	8.20	CH33-42	EL296UH070XV36B	5326648
XP13-030-230	29,200	14.50	12.00	26,400	16,800	3.60	2.48	8.50	CH33-42	SL280UH090V36B	5532448
XP13-030-230	29,200	14.50	11.50	26,400	16,900	3.58	2.46	8.50	CH33-42	SL280UH090V48B	5326605

### NOTES:

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 (ordered extra).

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 High	COP Low	HSPF (IV)	Coil or Air Handler	Furnace	AHRI Reference
				High	Low						
XP13-030-230	29,000	14.50	11.50	26,400	16,900	3.54	2.44	8.20	CH33-42	SLP98UH070XV36B	5326654
XP13-030-230	28,400	13.00	10.80	27,000	17,500	3.34	2.32	8.00	CH33-42		5326586
XP13-030-230	29,200	14.00	11.50	26,800	17,100	3.64	2.48	8.50	CR33-30/36	EL180DF045E36A	5741525
XP13-030-230	29,400	14.50	12.00	26,600	16,900	3.70	2.52	8.70	CR33-30/36	EL180DF070E36B	5741555
XP13-030-230	29,400	14.00	11.50	26,600	16,900	3.70	2.52	8.70	CR33-30/36	EL180DF090E48B	5741581
XP13-030-230	29,200	14.00	11.50	26,800	17,100	3.62	2.48	8.50	CR33-30/36	EL195DF045XE36B	5326634
XP13-030-230	29,400	14.50	11.50	26,800	17,100	3.70	2.52	8.70	CR33-30/36	EL195DF070XE48B	5326635
XP13-030-230	29,200	14.00	11.50	26,600	16,900	3.68	2.50	8.70	CR33-30/36	EL195DF090XE48C	5326636
XP13-030-230	29,200	14.00	11.50	26,800	17,100	3.62	2.48	8.50	CR33-30/36	EL296DF045XE36B	5650601
XP13-030-230	29,200	14.50	12.00	26,600	16,900	3.68	2.52	8.70	CR33-30/36	EL296DF045XV36B	7505746
XP13-030-230	29,400	14.50	11.50	26,800	17,100	3.70	2.52	8.70	CR33-30/36	EL296DF070XE48B	5650595
XP13-030-230	29,200	14.50	11.70	26,600	17,000	3.64	2.50	8.50	CR33-30/36	EL296DF070XV48B	7487531
XP13-030-230	29,200	14.00	11.50	26,600	16,900	3.68	2.50	8.70	CR33-30/36	EL296DF090XE48C	5650603
XP13-030-230	29,200	14.00	11.50	26,800	17,100	3.66	2.50	8.50	CR33-30/36	SL280DF070V36A	5326606
XP13-030-230	29,200	14.50	11.50	26,600	16,900	3.66	2.50	8.70	CR33-30/36	SL280DF090V48B	5532329
XP13-030-230	29,200	14.00	11.50	26,600	17,000	3.62	2.50	8.50	CR33-30/36	SLP98DF070XV36B	5326655
XP13-030-230	29,200	14.50	11.50	26,600	16,900	3.68	2.52	8.70	CR33-30/36	SLP98DF090XV36C	5326656
XP13-030-230	28,600	13.00	10.85	27,200	17,600	3.44	2.38	8.20	CR33-30/36		5326588
XP13-030-230	30,600	14.00	11.50	26,800	17,100	3.52	2.42	8.20	CX34-31	EL180UH045E36A	5741743
XP13-030-230	30,600	14.00	11.50	26,800	17,100	3.52	2.42	8.20	CX34-31	EL180UH045XE36A	5741842
XP13-030-230	30,400	14.00	11.50	26,600	16,900	3.54	2.44	8.20	CX34-31	EL180UH070E36B	5742017
XP13-030-230	30,400	14.00	11.50	26,600	16,900	3.54	2.44	8.20	CX34-31	EL180UH070XE36B	5742184
XP13-030-230	30,600	14.00	11.50	26,800	17,000	3.58	2.46	8.50	CX34-31	EL180UH090E48B	5742356
XP13-030-230	30,600	14.00	11.50	26,800	17,000	3.58	2.46	8.50	CX34-31	EL180UH090XE48B	5740391
XP13-030-230	30,400	14.00	11.50	26,800	17,200	3.50	2.42	8.20	CX34-31	EL195UH045XE36B	5326643
XP13-030-230	30,400	14.00	11.50	26,800	17,100	3.54	2.42	8.20	CX34-31	EL195UH070XE36B	5326644
XP13-030-230	30,400	14.00	11.50	26,800	17,200	3.50	2.42	8.20	CX34-31	EL296UH045XE36B	5650596
XP13-030-230	30,400	14.00	11.50	26,800	17,100	3.54	2.42	8.20	CX34-31	EL296UH070XE36B	5650604
XP13-030-230	30,400	14.50	11.50	26,800	17,100	3.54	2.44	8.20	CX34-31	EL296UH070XV36B	5326647
XP13-030-230	30,600	14.50	11.50	26,800	17,000	3.56	2.44	8.20	CX34-31	SL280UH070V36A	5532361
XP13-030-230	30,600	14.50	11.50	26,600	17,000	3.58	2.46	8.50	CX34-31	SL280UH090V36B	5532446
XP13-030-230	30,600	14.50	11.50	26,800	17,100	3.58	2.46	8.50	CX34-31	SL280UH090V48B	5326601
XP13-030-230	30,400	14.50	11.50	26,800	17,100	3.54	2.44	8.20	CX34-31	SLP98UH070XV36B	5326652
XP13-030-230	30,000	13.00	10.85	27,400	17,700	3.34	2.32	8.00	CX34-31		5326585
XP13-036-230	36,800	13.50	11.50	32,800	21,000	3.50	2.40	8.20	C33-38	EL180UH045E36A	5741736
XP13-036-230	36,800	13.50	11.50	32,800	21,000	3.50	2.40	8.20	C33-38	EL180UH045XE36A	5741835
XP13-036-230	36,800	14.00	11.50	32,200	20,600	3.52	2.44	8.50	C33-38	EL180UH070E36B	5742013
XP13-036-230	36,800	14.00	11.50	32,200	20,600	3.52	2.44	8.50	C33-38	EL180UH070XE36B	5742181
XP13-036-230	37,000	14.00	11.50	32,400	20,800	3.56	2.46	8.50	C33-38	EL180UH090E48B	5742351
XP13-036-230	37,000	14.00	11.50	32,400	20,800	3.56	2.46	8.50	C33-38	EL180UH090XE48B	5740385
XP13-036-230	36,600	13.00	11.00	33,000	21,200	3.42	2.36	8.00	C33-38	EL195UH045XE36B	5317689
XP13-036-230	36,600	13.50	11.50	32,400	20,800	3.46	2.40	8.20	C33-38	EL195UH070XE36B	5317691
XP13-036-230	36,600	13.00	11.00	33,000	21,200	3.42	2.36	8.00	C33-38	EL296UH045XE36B	5650560
XP13-036-230	36,600	13.50	11.50	32,400	20,800	3.46	2.40	8.20	C33-38	EL296UH070XE36B	5650547
XP13-036-230	36,800	13.50	11.50	32,600	21,000	3.46	2.40	8.20	C33-38	EL296UH070XV36B	5317769
XP13-036-230	36,800	13.50	11.50	32,600	21,000	3.46	2.40	8.20	C33-38	SL280UH070V36A	5532359
XP13-036-230	36,800	14.00	11.50	32,400	20,600	3.54	2.44	8.50	C33-38	SL280UH090V36B	5532440

**NOTES:**

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 (ordered extra).

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				
XP13-036-230	36,800	14.00	11.50	32,400	20,800	3.54	2.46	8.50	C33-38	SL280UH090V48B	5317540
XP13-036-230	36,800	13.50	11.50	32,600	21,000	3.46	2.40	8.20	C33-38	SLP98UH070XV36B	5317893
XP13-036-230	36,400	13.00	11.50	33,000	21,400	3.34	2.32	8.00	C33-38		5317446
XP13-036-230	36,600	14.00	11.50	32,200	20,600	3.40	2.38	8.20	C33-48	EL180UH070E36B	5742011
XP13-036-230	36,600	14.00	11.50	32,200	20,600	3.40	2.38	8.20	C33-48	EL180UH070XE36B	5742180
XP13-036-230	36,800	14.00	11.50	32,400	20,600	3.44	2.38	8.20	C33-48	EL180UH090E48B	5742350
XP13-036-230	36,800	14.00	11.50	32,400	20,600	3.46	2.38	8.20	C33-48	EL180UH090E60C	5742679
XP13-036-230	36,800	14.00	11.50	32,400	20,600	3.44	2.38	8.20	C33-48	EL180UH090XE48B	5740384
XP13-036-230	36,600	14.00	11.50	32,200	20,600	3.42	2.38	8.20	C33-48	EL180UH110E60C	5740668
XP13-036-230	36,600	14.00	11.50	32,200	20,600	3.42	2.38	8.20	C33-48	EL180UH110XE60C	5740922
XP13-036-230	36,400	13.00	11.00	32,800	21,200	3.28	2.30	7.70	C33-48	EL195UH045XE36B	5317690
XP13-036-230	36,400	13.50	11.00	32,400	20,800	3.34	2.34	8.00	C33-48	EL195UH070XE36B	5317692
XP13-036-230	36,600	14.00	11.50	32,400	20,600	3.42	2.36	8.20	C33-48	EL195UH090XE48C	5317693
XP13-036-230	37,000	14.00	11.50	32,400	20,800	3.44	2.40	8.20	C33-48	EL195UH110XE60C	5317696
XP13-036-230	36,400	13.00	11.00	32,800	21,200	3.28	2.30	7.70	C33-48	EL296UH045XE36B	5650551
XP13-036-230	36,400	13.50	11.00	32,400	20,800	3.34	2.34	8.00	C33-48	EL296UH070XE36B	5650546
XP13-036-230	36,600	13.50	11.50	32,600	21,000	3.36	2.34	8.00	C33-48	EL296UH070XV36B	5317763
XP13-036-230	36,600	14.00	11.50	32,400	20,600	3.42	2.36	8.20	C33-48	EL296UH090XE48C	5650559
XP13-036-230	36,800	14.00	11.50	32,400	20,600	3.42	2.36	8.20	C33-48	EL296UH090XV36C	5317781
XP13-036-230	36,800	14.00	11.50	32,600	20,800	3.44	2.38	8.20	C33-48	EL296UH090XV48C	5317801
XP13-036-230	37,200	14.00	11.50	32,600	21,000	3.44	2.40	8.20	C33-48	EL296UH090XV60C	5317778
XP13-036-230	37,000	14.00	11.50	32,400	20,800	3.44	2.40	8.20	C33-48	EL296UH110XE60C	5650544
XP13-036-230	36,800	14.20	11.70	32,200	20,600	3.42	2.38	8.20	C33-48	EL296UH110XV48C	5685258
XP13-036-230	37,000	14.00	11.50	32,400	20,800	3.46	2.40	8.20	C33-48	EL296UH110XV60C	5317759
XP13-036-230	36,800	14.00	11.50	32,200	20,600	3.42	2.38	8.20	C33-48	SL280UH090V36B	5532442
XP13-036-230	36,800	14.00	11.50	32,200	20,600	3.40	2.36	8.20	C33-48	SL280UH090V48B	5317542
XP13-036-230	37,200	13.00	11.00	32,600	20,800	3.48	2.40	8.00	C33-48	SL280UH090V60C	5317543
XP13-036-230	37,000	14.00	11.00	32,600	20,800	3.44	2.38	8.00	C33-48	SL280UH110V60C	5317544
XP13-036-230	36,600	13.50	11.50	32,600	21,000	3.36	2.34	8.00	C33-48	SLP98UH070XV36B	5317894
XP13-036-230	36,800	14.00	11.50	32,400	20,600	3.42	2.36	8.20	C33-48	SLP98UH090XV36C	5317895
XP13-036-230	36,800	14.00	11.50	32,600	20,800	3.44	2.38	8.20	C33-48	SLP98UH090XV48C	5317896
XP13-036-230	37,200	14.00	11.50	32,600	21,000	3.44	2.40	8.20	C33-48	SLP98UH090XV60C	5317897
XP13-036-230	37,000	14.00	11.50	32,400	20,800	3.46	2.40	8.20	C33-48	SLP98UH110XV60C	5317898
XP13-036-230	36,000	13.00	11.50	33,000	21,400	3.24	2.26	7.70	C33-48		5317447
XP13-036-230	34,400	13.00	11.00	33,400	21,400	3.50	2.42	8.20	CBX25UH-036		5726999
XP13-036-230	34,800	13.50	11.50	33,200	21,200	3.62	2.48	8.20	CBX25UHV-036		6970095
XP13-036-230	35,600	14.00	11.50	33,200	21,000	3.72	2.54	8.50	CBX27UH-036		5317452
XP13-036-230	35,000	13.00	11.50	33,600	21,400	3.60	2.48	8.50	CBX32M-036		5317497
XP13-036-230	35,400	13.50	11.50	33,000	21,000	3.66	2.54	8.20	CBX32MV-036		5317475
XP13-036-230	35,600	13.50	11.50	33,200	21,000	3.70	2.54	8.50	CBX40UHV-030		5317498
XP13-036-230	35,800	13.50	11.50	33,200	21,000	3.72	2.54	8.50	CBX40UHV-036		5317499
XP13-036-230	34,800	14.00	11.50	32,400	20,600	3.50	2.42	8.20	CH33-31B	EL180UH070E36B	5742010
XP13-036-230	34,800	14.00	11.50	32,400	20,600	3.50	2.42	8.20	CH33-31B	EL180UH070XE36B	5742183
XP13-036-230	34,800	13.00	11.00	33,200	21,400	3.42	2.36	8.00	CH33-31B	EL195UH045XE36B	5317681
XP13-036-230	34,600	13.50	11.50	32,600	21,000	3.44	2.40	8.20	CH33-31B	EL195UH070XE36B	5317684
XP13-036-230	34,800	13.00	11.00	33,200	21,400	3.42	2.36	8.00	CH33-31B	EL296UH045XE36B	5650563
XP13-036-230	34,600	13.50	11.50	32,600	21,000	3.44	2.40	8.20	CH33-31B	EL296UH070XE36B	5650545

### NOTES:

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

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

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 (ordered extra).

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 High	COP Low	HSPF (IV)	Coil or Air Handler	Furnace	AHRI Reference
				High	Low						
XP13-036-230	35,000	13.50	11.50	33,000	21,200	3.48	2.40	8.20	CH33-31B	EL296UH070XV36B	5317761
XP13-036-230	35,000	14.00	11.50	32,600	20,800	3.54	2.44	8.20	CH33-31B	SL280UH090V36B	5532438
XP13-036-230	35,000	14.00	11.50	32,800	21,000	3.52	2.44	8.20	CH33-31B	SL280UH090V48B	5317504
XP13-036-230	35,000	13.50	11.50	33,000	21,200	3.48	2.40	8.20	CH33-31B	SLP98UH070XV36B	5317855
XP13-036-230	34,600	13.00	11.50	33,200	21,400	3.34	2.32	8.00	CH33-31B		5317437
XP13-036-230	35,200	14.00	11.50	32,400	20,800	3.56	2.50	8.50	CH33-36C	EL180UH090E60C	5742678
XP13-036-230	35,600	14.00	11.50	32,800	20,800	3.62	2.48	8.50	CH33-36C	EL180UH110E60C	5740667
XP13-036-230	35,600	14.00	11.50	32,800	20,800	3.62	2.48	8.50	CH33-36C	EL180UH110XE60C	5740921
XP13-036-230	35,200	14.00	11.50	32,600	20,800	3.56	2.46	8.50	CH33-36C	EL195UH090XE48C	5317694
XP13-036-230	35,600	14.00	11.50	32,800	21,000	3.62	2.50	8.50	CH33-36C	EL195UH110XE60C	5317697
XP13-036-230	35,200	14.00	11.50	32,600	20,800	3.56	2.46	8.50	CH33-36C	EL296UH090XE48C	5650556
XP13-036-230	35,400	14.00	11.50	32,800	20,800	3.60	2.46	8.50	CH33-36C	EL296UH090XV36C	5317777
XP13-036-230	35,600	14.00	11.50	32,800	21,000	3.60	2.48	8.50	CH33-36C	EL296UH090XV48C	5317758
XP13-036-230	35,800	14.00	11.50	33,000	21,000	3.64	2.48	8.50	CH33-36C	EL296UH090XV60C	5317772
XP13-036-230	35,600	14.00	11.50	32,800	21,000	3.62	2.50	8.50	CH33-36C	EL296UH110XE60C	5650561
XP13-036-230	35,400	14.00	11.70	32,600	20,800	3.60	2.48	8.50	CH33-36C	EL296UH110XV48C	5685259
XP13-036-230	35,600	14.00	11.50	32,800	21,000	3.64	2.50	8.50	CH33-36C	EL296UH110XV60C	5317766
XP13-036-230	35,800	14.00	11.00	32,800	21,000	3.64	2.52	8.50	CH33-36C	SL280UH090V60C	5317512
XP13-036-230	35,600	14.00	11.00	32,800	21,000	3.60	2.48	8.20	CH33-36C	SL280UH110V60C	5317513
XP13-036-230	35,400	14.00	11.50	32,800	20,800	3.60	2.46	8.50	CH33-36C	SLP98UH090XV36C	5317864
XP13-036-230	35,600	14.00	11.50	32,800	21,000	3.60	2.48	8.50	CH33-36C	SLP98UH090XV48C	5317865
XP13-036-230	35,800	14.00	11.50	33,000	21,000	3.64	2.48	8.50	CH33-36C	SLP98UH090XV60C	5317866
XP13-036-230	35,600	14.00	11.50	32,800	21,000	3.64	2.50	8.50	CH33-36C	SLP98UH110XV60C	5317867
XP13-036-230	34,400	13.00	11.00	33,000	21,200	3.36	2.34	8.00	CH33-42	EL195UH045XE36B	5317682
XP13-036-230	34,400	13.50	11.00	32,600	20,800	3.38	2.36	8.00	CH33-42	EL195UH070XE36B	5317685
XP13-036-230	34,400	13.00	11.00	33,000	21,200	3.36	2.34	8.00	CH33-42	EL296UH045XE36B	5650550
XP13-036-230	34,400	13.50	11.00	32,600	20,800	3.38	2.36	8.00	CH33-42	EL296UH070XE36B	5650558
XP13-036-230	34,600	13.50	11.50	32,800	21,000	3.40	2.36	8.00	CH33-42	EL296UH070XV36B	5317780
XP13-036-230	34,800	14.00	11.50	32,400	20,800	3.46	2.42	8.20	CH33-42	SL280UH090V36B	5532441
XP13-036-230	34,800	14.00	11.50	32,600	20,800	3.46	2.40	8.20	CH33-42	SL280UH090V48B	5317506
XP13-036-230	34,600	13.50	11.50	32,800	21,000	3.40	2.36	8.00	CH33-42	SLP98UH070XV36B	5317856
XP13-036-230	34,200	13.00	11.50	33,200	21,400	3.30	2.30	7.70	CH33-42		5317436
XP13-036-230	35,600	14.00	11.50	32,400	20,800	3.54	2.48	8.50	CR33-48	EL180DF070E36B	5741553
XP13-036-230	35,600	14.00	11.50	32,600	20,800	3.56	2.46	8.20	CR33-48	EL180DF090E48B	5741580
XP13-036-230	35,400	13.50	11.50	32,600	21,000	3.46	2.42	8.20	CR33-48	EL195DF045XE36B	5317686
XP13-036-230	35,600	14.00	11.50	32,600	21,000	3.52	2.46	8.20	CR33-48	EL195DF070XE48B	5317687
XP13-036-230	35,800	14.00	11.50	32,800	21,000	3.58	2.48	8.50	CR33-48	EL195DF090XE48C	5317688
XP13-036-230	35,400	13.50	11.50	32,600	21,000	3.46	2.42	8.20	CR33-48	EL296DF045XE36B	5650555
XP13-036-230	35,400	13.50	11.50	32,800	21,000	3.50	2.42	8.20	CR33-48	EL296DF045XV36B	7505745
XP13-036-230	35,600	14.00	11.50	32,600	21,000	3.52	2.46	8.20	CR33-48	EL296DF070XE48B	5650548
XP13-036-230	35,400	13.50	11.20	33,000	21,200	3.50	2.42	8.20	CR33-48	EL296DF070XV48B	7487528
XP13-036-230	35,800	14.00	11.50	32,800	21,000	3.58	2.48	8.50	CR33-48	EL296DF090XE48C	5650543
XP13-036-230	35,600	14.00	11.50	32,600	20,800	3.54	2.44	8.20	CR33-48	SL280DF090V48B	5532328
XP13-036-230	36,200	14.00	11.50	32,800	20,800	3.66	2.50	8.50	CR33-48	SL280DF090V60C	5317515
XP13-036-230	35,800	14.00	11.50	32,600	20,800	3.62	2.50	8.50	CR33-48	SL280DF110V60C	5317516
XP13-036-230	35,600	13.50	11.50	32,800	21,000	3.52	2.44	8.20	CR33-48	SLP98DF070XV36B	5317868
XP13-036-230	35,600	14.00	11.50	32,800	21,000	3.56	2.46	8.20	CR33-48	SLP98DF090XV36C	5317869

### NOTES:

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 (ordered extra).

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				
XP13-036-230	35,800	14.00	11.50	32,600	20,800	3.56	2.46	8.50	CR33-48	SLP98DF090XV48C	5317881
XP13-036-230	35,800	14.00	11.50	32,800	21,000	3.60	2.48	8.50	CR33-48	SLP98DF090XV60C	5317882
XP13-036-230	36,000	14.00	11.50	32,800	21,000	3.60	2.48	8.50	CR33-48	SLP98DF110XV60C	5317870
XP13-036-230	36,800	13.50	11.50	32,800	21,000	3.50	2.40	8.20	CX34-38	EL180UH045E36A	5741737
XP13-036-230	36,800	13.50	11.50	32,800	21,000	3.50	2.40	8.20	CX34-38	EL180UH045XE36A	5741834
XP13-036-230	36,800	14.00	11.50	32,200	20,600	3.52	2.44	8.50	CX34-38	EL180UH070E36B	5742014
XP13-036-230	36,800	14.00	11.50	32,200	20,600	3.52	2.44	8.50	CX34-38	EL180UH070XE36B	5742182
XP13-036-230	37,000	14.00	11.50	32,400	20,800	3.56	2.46	8.50	CX34-38	EL180UH090E48B	5742348
XP13-036-230	37,000	14.00	11.50	32,400	20,800	3.56	2.46	8.50	CX34-38	EL180UH090XE48B	5740386
XP13-036-230	36,600	13.00	11.00	33,000	21,200	3.42	2.36	8.00	CX34-38	EL195UH045XE36B	5317732
XP13-036-230	36,600	13.50	11.50	32,400	20,800	3.46	2.40	8.20	CX34-38	EL195UH070XE36B	5317734
XP13-036-230	36,600	13.00	11.00	33,000	21,200	3.42	2.36	8.00	CX34-38	EL296UH045XE36B	5650554
XP13-036-230	36,600	13.50	11.50	32,400	20,800	3.46	2.40	8.20	CX34-38	EL296UH070XE36B	5650557
XP13-036-230	36,800	13.50	11.50	32,600	21,000	3.46	2.40	8.20	CX34-38	EL296UH070XV36B	5317776
XP13-036-230	36,800	13.50	11.50	32,600	21,000	3.46	2.40	8.20	CX34-38	SL280UH070V36A	5532358
XP13-036-230	36,800	14.00	11.50	32,400	20,600	3.54	2.44	8.50	CX34-38	SL280UH090V36B	5532439
XP13-036-230	36,800	14.00	11.50	32,400	20,800	3.54	2.46	8.50	CX34-38	SL280UH090V48B	5317455
XP13-036-230	36,800	13.50	11.50	32,600	21,000	3.46	2.40	8.20	CX34-38	SLP98UH070XV36B	5317858
XP13-036-230	36,400	13.00	11.50	33,000	21,400	3.34	2.32	8.00	CX34-38		5317422
XP13-036-230	36,600	14.00	11.50	32,200	20,600	3.40	2.38	8.20	CX34-44/48	EL180UH070E36B	5742012
XP13-036-230	36,600	14.00	11.50	32,200	20,600	3.40	2.38	8.20	CX34-44/48	EL180UH070XE36B	5742179
XP13-036-230	36,800	14.00	11.50	32,400	20,600	3.44	2.38	8.20	CX34-44/48	EL180UH090E48B	5742349
XP13-036-230	36,800	14.00	11.50	32,400	20,600	3.46	2.38	8.20	CX34-44/48	EL180UH090E60C	5742680
XP13-036-230	36,800	14.00	11.50	32,400	20,600	3.44	2.38	8.20	CX34-44/48	EL180UH090XE48B	5740383
XP13-036-230	36,600	14.00	11.50	32,200	20,600	3.42	2.38	8.20	CX34-44/48	EL180UH110E60C	5740666
XP13-036-230	36,600	14.00	11.50	32,200	20,600	3.42	2.38	8.20	CX34-44/48	EL180UH110XE60C	5740923
XP13-036-230	36,400	13.00	11.00	32,800	21,200	3.28	2.30	7.70	CX34-44/48	EL195UH045XE36B	5317733
XP13-036-230	36,400	13.50	11.00	32,400	20,800	3.34	2.34	8.00	CX34-44/48	EL195UH070XE36B	5317735
XP13-036-230	36,600	14.00	11.50	32,400	20,600	3.42	2.36	8.20	CX34-44/48	EL195UH090XE48C	5317695
XP13-036-230	37,000	14.00	11.50	32,400	20,800	3.44	2.40	8.20	CX34-44/48	EL195UH110XE60C	5317698
XP13-036-230	36,400	13.00	11.00	32,800	21,200	3.28	2.30	7.70	CX34-44/48	EL296UH045XE36B	5650562
XP13-036-230	36,400	13.50	11.00	32,400	20,800	3.34	2.34	8.00	CX34-44/48	EL296UH070XE36B	5650553
XP13-036-230	36,600	13.50	11.50	32,600	21,000	3.36	2.34	8.00	CX34-44/48	EL296UH070XV36B	5317757
XP13-036-230	36,600	14.00	11.50	32,400	20,600	3.42	2.36	8.20	CX34-44/48	EL296UH090XE48C	5650549
XP13-036-230	36,800	14.00	11.50	32,400	20,600	3.42	2.36	8.20	CX34-44/48	EL296UH090XV36C	5317771
XP13-036-230	36,800	14.00	11.50	32,600	20,800	3.44	2.38	8.20	CX34-44/48	EL296UH090XV48C	5317765
XP13-036-230	37,200	14.00	11.50	32,600	21,000	3.44	2.40	8.20	CX34-44/48	EL296UH090XV60C	5317768
XP13-036-230	37,000	14.00	11.50	32,400	20,800	3.44	2.40	8.20	CX34-44/48	EL296UH110XE60C	5650552
XP13-036-230	36,800	14.20	11.70	32,200	20,600	3.42	2.38	8.20	CX34-44/48	EL296UH110XV48C	5685260
XP13-036-230	37,000	14.00	11.50	32,400	20,800	3.46	2.40	8.20	CX34-44/48	EL296UH110XV60C	5317762
XP13-036-230	36,800	14.00	11.50	32,200	20,600	3.42	2.38	8.20	CX34-44/48	SL280UH090V36B	5532437
XP13-036-230	36,800	14.00	11.50	32,200	20,600	3.40	2.36	8.20	CX34-44/48	SL280UH090V48B	5317509
XP13-036-230	37,200	14.00	11.00	32,600	20,800	3.48	2.40	8.00	CX34-44/48	SL280UH090V60C	5317510
XP13-036-230	37,000	14.00	11.00	32,600	20,800	3.44	2.38	8.00	CX34-44/48	SL280UH110V60C	5317511
XP13-036-230	36,600	13.50	11.50	32,600	21,000	3.36	2.34	8.00	CX34-44/48	SLP98UH070XV36B	5317859
XP13-036-230	36,800	14.00	11.50	32,400	20,600	3.42	2.36	8.20	CX34-44/48	SLP98UH090XV36C	5317860
XP13-036-230	36,800	14.00	11.50	32,600	20,800	3.44	2.38	8.20	CX34-44/48	SLP98UH090XV48C	5317861

### NOTES:

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 (ordered extra).

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 High	COP Low	HSPF (IV)	Coil or Air Handler	Furnace	AHRI Reference
				High	Low						
XP13-036-230	37,200	14.00	11.50	32,600	21,000	3.44	2.40	8.20	CX34-44/48	SLP98UH090XV60C	5317862
XP13-036-230	37,000	14.00	11.50	32,400	20,800	3.46	2.40	8.20	CX34-44/48	SLP98UH110XV60C	5317863
XP13-036-230	36,000	13.00	11.50	33,000	21,400	3.24	2.26	7.70	CX34-44/48		5317423
XP13-042-230	43,500	14.00	11.50	40,000	26,000	3.46	2.42	8.20	C33-43	EL180UH090E48B	5742352
XP13-042-230	44,000	14.00	12.00	39,500	26,000	3.48	2.48	8.20	C33-43	EL180UH090E60C	5742689
XP13-042-230	43,500	14.00	11.50	40,000	26,000	3.46	2.42	8.20	C33-43	EL180UH090XE48B	5740388
XP13-042-230	44,000	14.00	12.00	39,500	26,000	3.46	2.46	8.20	C33-43	EL180UH110E60C	5740677
XP13-042-230	44,000	14.00	12.00	39,500	26,000	3.46	2.46	8.20	C33-43	EL180UH110XE60C	5740935
XP13-042-230	43,500	14.00	12.00	39,500	26,000	3.42	2.44	8.20	C33-43	EL195UH090XE48C	5326514
XP13-042-230	44,000	14.00	12.00	40,000	26,200	3.50	2.46	8.20	C33-43	EL195UH110XE60C	5326520
XP13-042-230	43,500	14.00	12.00	39,500	26,000	3.42	2.44	8.20	C33-43	EL296UH090XE48C	5650581
XP13-042-230	43,500	14.00	11.50	39,500	26,000	3.40	2.42	8.20	C33-43	EL296UH090XV36C	5326554
XP13-042-230	43,500	14.00	11.50	39,500	26,000	3.42	2.44	8.20	C33-43	EL296UH090XV48C	5326545
XP13-042-230	44,000	14.00	11.50	40,000	26,200	3.48	2.44	8.20	C33-43	EL296UH090XV60C	5326542
XP13-042-230	44,000	14.00	12.00	40,000	26,200	3.50	2.46	8.20	C33-43	EL296UH110XE60C	5650594
XP13-042-230	44,000	14.20	12.00	40,000	26,000	3.48	2.44	8.20	C33-43	EL296UH110XV48C	5685265
XP13-042-230	44,000	14.00	11.50	40,000	26,000	3.50	2.46	8.20	C33-43	EL296UH110XV60C	5326539
XP13-042-230	43,500	14.00	11.50	40,000	26,200	3.44	2.44	8.20	C33-43	SL280UH090V36B	5532443
XP13-042-230	43,500	14.00	11.50	40,000	26,200	3.44	2.42	8.20	C33-43	SL280UH090V48B	5326484
XP13-042-230	44,000	14.50	12.00	40,000	26,000	3.54	2.48	8.20	C33-43	SL280UH090V60C	5326485
XP13-042-230	44,000	14.00	11.50	39,500	26,000	3.46	2.46	8.20	C33-43	SL280UH110V60C	5326486
XP13-042-230	43,500	14.00	11.50	39,500	26,000	3.40	2.42	8.20	C33-43	SLP98UH090XV36C	5326577
XP13-042-230	43,500	14.00	11.50	39,500	26,000	3.42	2.44	8.20	C33-43	SLP98UH090XV48C	5326578
XP13-042-230	44,000	14.00	11.50	40,000	26,200	3.48	2.44	8.20	C33-43	SLP98UH090XV60C	5326579
XP13-042-230	44,000	14.00	11.50	40,000	26,000	3.50	2.46	8.20	C33-43	SLP98UH110XV60C	5326580
XP13-042-230	43,000	13.00	11.50	40,500	26,800	3.32	2.36	8.00	C33-43		5326461
XP13-042-230	43,500	14.00	12.00	39,500	26,000	3.42	2.44	8.20	C33-50/60C	EL180UH090E60C	5742687
XP13-042-230	43,000	14.00	11.50	39,500	26,000	3.40	2.44	8.20	C33-50/60C	EL180UH110E60C	5740680
XP13-042-230	43,000	14.00	11.50	39,500	26,000	3.40	2.44	8.20	C33-50/60C	EL180UH110XE60C	5740933
XP13-042-230	43,000	14.00	11.50	39,500	26,000	3.36	2.42	8.20	C33-50/60C	EL195UH090XE48C	5326515
XP13-042-230	43,500	14.00	11.50	40,000	26,200	3.44	2.44	8.20	C33-50/60C	EL195UH110XE60C	5326521
XP13-042-230	43,000	14.00	11.50	39,500	26,000	3.36	2.42	8.20	C33-50/60C	EL296UH090XE48C	5650588
XP13-042-230	43,000	13.50	11.50	40,000	26,200	3.38	2.42	8.20	C33-50/60C	EL296UH090XV36C	5326552
XP13-042-230	43,500	14.00	11.50	39,500	26,000	3.38	2.42	8.20	C33-50/60C	EL296UH090XV48C	5326550
XP13-042-230	43,500	13.50	11.50	40,000	26,400	3.42	2.44	8.20	C33-50/60C	EL296UH090XV60C	5326546
XP13-042-230	43,500	14.00	11.50	40,000	26,200	3.44	2.44	8.20	C33-50/60C	EL296UH110XE60C	5650591
XP13-042-230	43,500	14.00	11.70	40,000	26,200	3.44	2.44	8.20	C33-50/60C	EL296UH110XV48C	5685266
XP13-042-230	43,500	14.00	11.50	40,000	26,000	3.44	2.42	8.20	C33-50/60C	EL296UH110XV60C	5326556
XP13-042-230	43,500	14.00	11.50	40,000	26,200	3.46	2.46	8.20	C33-50/60C	SL280UH090V60C	5326487
XP13-042-230	43,500	14.00	11.50	39,500	26,000	3.40	2.42	8.20	C33-50/60C	SL280UH110V60C	5326488
XP13-042-230	43,000	13.50	11.50	40,000	26,200	3.38	2.42	8.20	C33-50/60C	SLP98UH090XV36C	5326581
XP13-042-230	43,500	14.00	11.50	39,500	26,000	3.38	2.42	8.20	C33-50/60C	SLP98UH090XV48C	5326582
XP13-042-230	43,500	13.50	11.50	40,000	26,400	3.42	2.44	8.20	C33-50/60C	SLP98UH090XV60C	5326583
XP13-042-230	43,500	14.00	11.50	40,000	26,000	3.44	2.42	8.20	C33-50/60C	SLP98UH110XV60C	5326584
XP13-042-230	43,000	13.00	11.50	40,500	26,600	3.30	2.34	8.00	C33-50/60C		5326460
XP13-042-230	41,000	13.00	11.00	41,000	26,200	3.56	2.50	8.00	CBX25UH-042		5727000
XP13-042-230	42,000	14.50	12.20	40,500	25,600	3.78	2.64	8.50	CBX25UHV-042		6970096

**NOTES:**

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 (ordered extra).

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				
XP13-042-230	45,000	14.20	11.50	41,000	26,600	3.86	2.64	8.30	CBX27UH-042		5326471
XP13-042-230	44,500	14.20	11.50	40,500	26,400	3.78	2.64	8.30	CBX27UH-048		5326472
XP13-042-230	44,000	13.00	11.50	41,000	27,000	3.62	2.54	8.70	CBX32M-048		5326467
XP13-042-230	41,000	13.00	11.50	41,000	26,600	3.60	2.52	8.20	CBX32MV-036		5326466
XP13-042-230	44,500	14.00	11.50	40,500	26,600	3.72	2.62	8.20	CBX32MV-048		5326468
XP13-042-230	41,500	13.50	11.50	40,500	26,600	3.60	2.56	8.15	CBX40UHV-036		5326465
XP13-042-230	44,000	13.50	11.50	40,500	26,600	3.68	2.60	8.15	CBX40UHV-042		5326469
XP13-042-230	44,500	13.50	11.50	40,500	26,600	3.74	2.62	8.15	CBX40UHV-048		5326470
XP13-042-230	44,500	14.00	12.00	40,000	26,000	3.52	2.48	8.20	CH33-43	EL180UH090E60C	5742690
XP13-042-230	44,000	14.00	12.00	40,000	26,000	3.52	2.46	8.20	CH33-43	EL180UH110E60C	5740675
XP13-042-230	44,000	14.00	12.00	40,000	26,000	3.52	2.46	8.20	CH33-43	EL180UH110XE60C	5740930
XP13-042-230	44,000	14.00	12.00	40,000	26,000	3.46	2.44	8.20	CH33-43C	EL195UH090XE48C	5326516
XP13-042-230	44,500	14.00	12.00	40,000	26,200	3.50	2.46	8.20	CH33-43C	EL195UH110XE60C	5326522
XP13-042-230	44,000	14.00	12.00	40,000	26,000	3.46	2.44	8.20	CH33-43C	EL296UH090XE48C	5650583
XP13-042-230	44,000	14.00	11.50	40,000	26,000	3.44	2.42	8.20	CH33-43C	EL296UH090XV36C	5326544
XP13-042-230	44,000	14.00	11.50	40,000	26,000	3.46	2.44	8.20	CH33-43C	EL296UH090XV48C	5326541
XP13-042-230	44,500	14.00	11.50	40,000	26,200	3.48	2.46	8.20	CH33-43C	EL296UH090XV60C	5326538
XP13-042-230	44,500	14.00	12.00	40,000	26,200	3.50	2.46	8.20	CH33-43C	EL296UH110XE60C	5650582
XP13-042-230	44,000	14.20	12.00	40,000	26,000	3.48	2.44	8.20	CH33-43C	EL296UH110XV48C	5685268
XP13-042-230	44,000	14.00	11.50	40,000	26,000	3.50	2.46	8.20	CH33-43C	EL296UH110XV60C	5326551
XP13-042-230	44,000	14.00	11.50	39,500	25,800	3.46	2.46	8.20	CH33-43C	SL280UH090V60C	5326479
XP13-042-230	44,000	14.00	11.50	40,000	26,000	3.50	2.46	8.20	CH33-43C	SL280UH110V60C	5326480
XP13-042-230	44,000	14.00	11.50	40,000	26,000	3.44	2.42	8.20	CH33-43C	SLP98UH090XV36C	5326570
XP13-042-230	44,000	14.00	11.50	40,000	26,000	3.46	2.44	8.20	CH33-43C	SLP98UH090XV48C	5326571
XP13-042-230	44,500	14.00	11.50	40,000	26,200	3.48	2.46	8.20	CH33-43C	SLP98UH090XV60C	5326572
XP13-042-230	44,000	14.00	11.50	40,000	26,000	3.50	2.46	8.20	CH33-43C	SLP98UH110XV60C	5326573
XP13-042-230	43,500	13.00	11.50	40,500	26,800	3.32	2.36	8.00	CH33-43C		5326458
XP13-042-230	44,000	14.00	12.00	39,500	26,000	3.42	2.44	8.20	CH33-48	EL180UH090E60C	5742688
XP13-042-230	43,500	14.00	11.50	39,500	26,000	3.40	2.44	8.20	CH33-48	EL180UH110E60C	5740676
XP13-042-230	43,500	14.00	11.50	39,500	26,000	3.40	2.44	8.20	CH33-48	EL180UH110XE60C	5740934
XP13-042-230	43,500	14.00	11.50	39,500	26,000	3.36	2.40	8.20	CH33-48C	EL195UH090XE48C	5326517
XP13-042-230	44,000	14.00	11.50	40,000	26,200	3.42	2.42	8.20	CH33-48C	EL195UH110XE60C	5326523
XP13-042-230	43,500	14.00	11.50	39,500	26,000	3.36	2.40	8.20	CH33-48C	EL296UH090XE48C	5650585
XP13-042-230	43,500	13.50	11.50	40,000	26,200	3.38	2.40	8.20	CH33-48C	EL296UH090XV36C	5326549
XP13-042-230	43,500	14.00	11.50	40,000	26,000	3.42	2.40	8.20	CH33-48C	EL296UH090XV48C	5326543
XP13-042-230	44,000	13.50	11.50	40,000	26,200	3.42	2.42	8.20	CH33-48C	EL296UH090XV60C	5326555
XP13-042-230	44,000	14.00	11.50	40,000	26,200	3.42	2.42	8.20	CH33-48C	EL296UH110XE60C	5650589
XP13-042-230	44,000	14.00	11.70	40,000	26,200	3.44	2.44	8.20	CH33-48C	EL296UH110XV48C	5685270
XP13-042-230	44,000	14.00	11.50	40,000	26,200	3.44	2.42	8.20	CH33-48C	EL296UH110XV60C	5326534
XP13-042-230	44,000	14.00	11.50	40,000	26,200	3.46	2.44	8.20	CH33-48C	SL280UH090V60C	5326481
XP13-042-230	44,000	14.00	11.50	40,000	26,000	3.44	2.42	8.20	CH33-48C	SL280UH110V60C	5326482
XP13-042-230	43,500	13.50	11.50	40,000	26,200	3.38	2.40	8.20	CH33-48C	SLP98UH090XV36C	5326574
XP13-042-230	43,500	14.00	11.50	40,000	26,000	3.42	2.40	8.20	CH33-48C	SLP98UH090XV48C	5326575
XP13-042-230	44,000	13.50	11.50	40,000	26,200	3.42	2.42	8.20	CH33-48C	SLP98UH090XV60C	5326576
XP13-042-230	44,000	14.00	11.50	40,000	26,200	3.44	2.42	8.20	CH33-48C	SLP98UH110XV60C	5326557
XP13-042-230	43,500	13.00	11.50	40,500	26,600	3.30	2.34	8.00	CH33-48C		5326459
XP13-042-230	44,000	14.00	11.50	40,500	26,200	3.76	2.60	8.70	CR33-50/60	EL180DF110E60C	5741631

### NOTES:

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 (ordered extra).

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 High	COP Low	HSPF (IV)	Coil or Air Handler	Furnace	AHRI Reference
				High	Low						
XP13-042-230	44,000	13.50	11.50	40,500	26,200	3.68	2.56	8.70	CR33-50/60	EL195DF090XE48C	5326512
XP13-042-230	44,000	13.50	11.50	40,500	26,400	3.74	2.60	8.70	CR33-50/60	EL195DF110XE60C	5326513
XP13-042-230	44,000	13.50	11.50	40,500	26,200	3.68	2.56	8.70	CR33-50/60	EL296DF090XE48C	5650593
XP13-042-230	44,000	13.50	11.50	40,500	26,400	3.74	2.60	8.70	CR33-50/60	EL296DF110XE60C	5650590
XP13-042-230	44,000	13.50	11.50	40,500	26,200	3.72	2.58	8.70	CR33-50/60	SL280DF090V60C	5326462
XP13-042-230	44,000	14.00	11.50	40,500	26,200	3.74	2.60	8.70	CR33-50/60	SL280DF110V60C	5326463
XP13-042-230	43,500	13.50	11.50	40,500	26,400	3.66	2.56	8.70	CR33-50/60	SLP98DF090XV36C	5326558
XP13-042-230	44,000	13.50	11.50	40,500	26,400	3.68	2.56	8.70	CR33-50/60	SLP98DF090XV48C	5326559
XP13-042-230	44,000	13.50	11.50	40,500	26,400	3.68	2.56	8.70	CR33-50/60	SLP98DF090XV60C	5326560
XP13-042-230	44,000	13.50	11.50	40,500	26,400	3.70	2.58	8.70	CR33-50/60	SLP98DF110XV60C	5326561
XP13-042-230	43,500	14.00	11.50	40,000	26,000	3.46	2.42	8.20	CX34-43	EL180UH090E48B	5742353
XP13-042-230	44,000	14.00	12.00	39,500	26,000	3.48	2.48	8.20	CX34-43	EL180UH090E60C	5742691
XP13-042-230	43,500	14.00	11.50	40,000	26,000	3.46	2.42	8.20	CX34-43	EL180UH090XE48B	5740387
XP13-042-230	44,000	14.00	12.00	39,500	26,000	3.46	2.46	8.20	CX34-43	EL180UH110E60C	5740678
XP13-042-230	44,000	14.00	12.00	39,500	26,000	3.46	2.46	8.20	CX34-43	EL180UH110XE60C	5740931
XP13-042-230	43,500	14.00	12.00	39,500	26,000	3.42	2.44	8.20	CX34-43	EL195UH090XE48C	5326518
XP13-042-230	44,000	14.00	12.00	40,000	26,200	3.50	2.46	8.20	CX34-43	EL195UH110XE60C	5326524
XP13-042-230	43,500	14.00	12.00	39,500	26,000	3.42	2.44	8.20	CX34-43	EL296UH090XE48C	5650592
XP13-042-230	43,500	14.00	11.50	39,500	26,000	3.40	2.42	8.20	CX34-43	EL296UH090XV36C	5326537
XP13-042-230	43,500	14.00	11.50	39,500	26,000	3.42	2.44	8.20	CX34-43	EL296UH090XV48C	5326536
XP13-042-230	44,000	14.00	11.50	40,000	26,200	3.48	2.44	8.20	CX34-43	EL296UH090XV60C	5326535
XP13-042-230	44,000	14.00	12.00	40,000	26,200	3.50	2.46	8.20	CX34-43	EL296UH110XE60C	5650584
XP13-042-230	44,000	14.20	12.00	40,000	26,000	3.48	2.44	8.20	CX34-43	EL296UH110XV48C	5685269
XP13-042-230	44,000	14.00	11.50	40,000	26,000	3.50	2.46	8.20	CX34-43	EL296UH110XV60C	5326548
XP13-042-230	43,500	14.00	11.50	40,000	26,200	3.44	2.44	8.20	CX34-43	SL280UH090V36B	5532444
XP13-042-230	43,500	14.00	11.50	40,000	26,200	3.44	2.42	8.20	CX34-43	SL280UH090V48B	5326474
XP13-042-230	44,000	14.50	12.00	40,000	26,000	3.54	2.48	8.20	CX34-43	SL280UH090V60C	5326475
XP13-042-230	44,000	14.00	11.50	39,500	26,000	3.46	2.46	8.20	CX34-43	SL280UH110V60C	5326476
XP13-042-230	43,500	14.00	11.50	39,500	26,000	3.40	2.42	8.20	CX34-43	SLP98UH090XV36C	5326562
XP13-042-230	43,500	14.00	11.50	39,500	26,000	3.42	2.44	8.20	CX34-43	SLP98UH090XV48C	5326563
XP13-042-230	44,000	14.00	11.50	40,000	26,200	3.48	2.44	8.20	CX34-43	SLP98UH090XV60C	5326564
XP13-042-230	44,000	14.00	11.50	40,000	26,000	3.50	2.46	8.20	CX34-43	SLP98UH110XV60C	5326565
XP13-042-230	43,000	13.00	11.50	40,500	26,800	3.32	2.36	8.00	CX34-43		5326457
XP13-042-230	43,500	14.00	12.00	39,500	26,000	3.42	2.44	8.20	CX34-50/60C	EL180UH090E60C	5742692
XP13-042-230	43,000	14.00	11.50	39,500	26,000	3.40	2.44	8.20	CX34-50/60C	EL180UH110E60C	5740679
XP13-042-230	43,000	14.00	11.50	39,500	26,000	3.40	2.44	8.20	CX34-50/60C	EL180UH110XE60C	5740932
XP13-042-230	43,000	14.00	11.50	39,500	26,000	3.36	2.42	8.20	CX34-50/60C	EL195UH090XE48C	5326519
XP13-042-230	43,500	14.00	11.50	40,000	26,200	3.44	2.44	8.20	CX34-50/60C	EL195UH110XE60C	5326525
XP13-042-230	43,000	14.00	11.50	39,500	26,000	3.36	2.42	8.20	CX34-50/60C	EL296UH090XE48C	5650587
XP13-042-230	43,000	13.50	11.50	40,000	26,200	3.38	2.42	8.20	CX34-50/60C	EL296UH090XV36C	5326547
XP13-042-230	43,500	14.00	11.50	39,500	26,000	3.38	2.42	8.20	CX34-50/60C	EL296UH090XV48C	5326540
XP13-042-230	43,500	13.50	11.50	40,000	26,400	3.42	2.44	8.20	CX34-50/60C	EL296UH090XV60C	5326533
XP13-042-230	43,500	14.00	11.50	40,000	26,200	3.44	2.44	8.20	CX34-50/60C	EL296UH110XE60C	5650586
XP13-042-230	43,500	14.00	11.70	40,000	26,200	3.44	2.44	8.20	CX34-50/60C	EL296UH110XV48C	5685267
XP13-042-230	43,500	14.00	11.50	40,000	26,000	3.44	2.42	8.20	CX34-50/60C	EL296UH110XV60C	5326553
XP13-042-230	43,500	14.00	11.50	40,000	26,200	3.46	2.46	8.20	CX34-50/60C	SL280UH090V60C	5326477
XP13-042-230	43,500	14.00	11.50	39,500	26,000	3.40	2.42	8.20	CX34-50/60C	SL280UH110V60C	5326478

### NOTES:

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 (ordered extra).

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				
XP13-042-230	43,000	13.50	11.50	40,000	26,200	3.38	2.42	8.20	CX34-50/60C	SLP98UH090XV36C	5326566
XP13-042-230	43,500	14.00	11.50	39,500	26,000	3.38	2.42	8.20	CX34-50/60C	SLP98UH090XV48C	5326567
XP13-042-230	43,500	13.50	11.50	40,000	26,400	3.42	2.44	8.20	CX34-50/60C	SLP98UH090XV60C	5326568
XP13-042-230	43,500	14.00	11.50	40,000	26,000	3.44	2.42	8.20	CX34-50/60C	SLP98UH110XV60C	5326569
XP13-042-230	43,000	13.00	11.50	40,500	26,600	3.30	2.34	8.00	CX34-50/60C		5326456
XP13-048-230	47,000	13.00	11.50	43,000	28,800	3.38	2.40	8.20	C33-49	EL180UH090E60C	5742685
XP13-048-230	47,500	13.00	11.50	44,000	29,600	3.38	2.40	8.20	C33-49	EL180UH110E60C	5740671
XP13-048-230	47,500	13.00	11.50	44,000	29,600	3.38	2.40	8.20	C33-49	EL180UH110XE60C	5740926
XP13-048-230	47,000	13.00	11.50	43,500	29,000	3.34	2.38	8.00	C33-49	EL195UH090XE48C	5326408
XP13-048-230	47,000	13.00	11.50	43,500	29,000	3.36	2.40	8.20	C33-49	EL195UH110XE60C	5326412
XP13-048-230	47,000	13.00	11.50	43,500	29,000	3.34	2.38	8.00	C33-49	EL296UH090XE48C	5650572
XP13-048-230	47,000	13.00	11.50	43,500	29,000	3.34	2.38	8.20	C33-49	EL296UH090XV48C	5326429
XP13-048-230	47,000	13.00	11.50	43,500	29,000	3.34	2.40	8.20	C33-49	EL296UH090XV60C	5326435
XP13-048-230	47,000	13.00	11.50	43,500	29,000	3.36	2.40	8.20	C33-49	EL296UH110XE60C	5650575
XP13-048-230	47,000	13.00	11.50	43,500	29,000	3.34	2.38	8.00	C33-49	EL296UH110XV48C	5685262
XP13-048-230	47,000	13.00	11.50	43,500	29,200	3.34	2.38	8.20	C33-49	EL296UH110XV60C	5498263
XP13-048-230	47,000	13.00	11.50	43,500	29,000	3.38	2.40	8.20	C33-49	SL280UH090V60C	5326387
XP13-048-230	47,000	13.00	11.50	43,500	28,800	3.38	2.40	8.20	C33-49	SL280UH110V60C	5326388
XP13-048-230	47,000	13.00	11.50	43,500	29,000	3.34	2.38	8.20	C33-49	SLP98UH090XV48C	5326453
XP13-048-230	47,000	13.00	11.50	43,500	29,000	3.34	2.40	8.20	C33-49	SLP98UH090XV60C	5326454
XP13-048-230	47,000	13.00	11.50	43,500	29,200	3.38	2.38	8.20	C33-49	SLP98UH110XV60C	5326439
XP13-048-230	46,500	13.00	11.00	44,000	29,400	3.26	2.34	8.00	C33-49		6050007
XP13-048-230	48,500	13.00	12.00	43,500	29,000	3.46	2.44	8.20	C33-60D	EL180UH135E60D	5741079
XP13-048-230	48,000	13.00	11.50	43,500	29,200	3.40	2.42	8.20	C33-60D	EL195UH135XE60D	5326416
XP13-048-230	48,000	13.00	11.50	43,500	29,200	3.40	2.42	8.20	C33-60D	EL296UH135XE60D	5650573
XP13-048-230	48,000	13.00	11.50	43,500	29,200	3.42	2.44	8.20	C33-60D	EL296UH135XV60D	5326427
XP13-048-230	48,500	13.00	12.00	43,500	29,200	3.44	2.44	8.20	C33-60D	SL280UH135V60D	5326389
XP13-048-230	48,500	13.00	11.50	43,500	29,200	3.42	2.44	8.20	C33-60D	SLP98UH135XV60D	5326455
XP13-048-230	48,000	13.00	11.00	44,000	29,600	3.32	2.36	8.00	C33-60D		5326366
XP13-048-230	47,000	13.00	11.00	43,500	29,000	3.46	2.48	8.00	CBX25UH-048		5727001
XP13-048-230	47,500	14.00	12.00	43,000	28,600	3.42	2.50	8.00	CBX25UHV-048		6970097
XP13-048-230	48,000	13.00	11.00	45,000	30,000	3.60	2.58	8.20	CBX27UH-048		5326372
XP13-048-230	50,000	13.00	11.00	44,500	29,600	3.70	2.60	8.20	CBX27UH-060		5326376
XP13-048-230	48,000	13.00	11.50	45,000	30,200	3.58	2.56	8.50	CBX32M-048		5326368
XP13-048-230	49,000	13.00	11.50	44,000	29,800	3.52	2.50	8.50	CBX32M-060		5326374
XP13-048-230	48,000	13.00	11.00	44,500	29,800	3.60	2.58	8.00	CBX32MV-048		5326369
XP13-048-230	49,000	13.00	11.00	43,500	29,400	3.58	2.54	8.00	CBX32MV-060		5326373
XP13-048-230	48,000	13.00	11.50	44,500	30,000	3.58	2.56	8.00	CBX40UHV-042		5326370
XP13-048-230	48,000	13.00	11.50	44,500	29,800	3.62	2.60	8.00	CBX40UHV-048		5326371
XP13-048-230	49,500	13.00	11.00	45,000	29,400	3.56	2.56	8.00	CBX40UHV-060		5326375
XP13-048-230	49,000	13.00	12.00	44,000	29,200	3.40	2.46	8.20	CH33-49	EL180UH090E60C	5742684
XP13-048-230	49,500	13.00	11.50	44,500	29,800	3.44	2.44	8.20	CH33-49	EL180UH110E60C	5740674
XP13-048-230	49,500	13.00	11.50	44,500	29,800	3.44	2.44	8.20	CH33-49	EL180UH110XE60C	5740928
XP13-048-230	49,000	13.00	11.50	44,000	29,200	3.40	2.44	8.20	CH33-49	EL195UH090XE48C	5326409
XP13-048-230	49,000	13.00	11.50	44,000	29,200	3.42	2.44	8.20	CH33-49	EL195UH110XE60C	5326413
XP13-048-230	49,000	13.00	11.50	44,000	29,200	3.40	2.44	8.20	CH33-49	EL296UH090XE48C	5650568
XP13-048-230	48,000	13.00	11.50	44,500	29,600	3.40	2.44	8.20	CH33-49	EL296UH090XV48C	5326434

### NOTES:

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 (ordered extra).

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 High	COP Low	HSPF (IV)	Coil or Air Handler	Furnace	AHRI Reference
				High	Low						
XP13-048-230	48,000	13.00	11.50	44,500	29,600	3.40	2.44	8.20	CH33-49	EL296UH090XV60C	5326432
XP13-048-230	49,000	13.00	11.50	44,000	29,200	3.42	2.44	8.20	CH33-49	EL296UH110XE60C	5650574
XP13-048-230	49,000	13.00	11.70	44,500	29,400	3.40	2.44	8.20	CH33-49	EL296UH110XV48C	5685263
XP13-048-230	48,000	13.00	11.50	44,500	29,600	3.40	2.44	8.20	CH33-49	EL296UH110XV60C	5326426
XP13-048-230	49,500	13.00	12.00	44,000	29,400	3.44	2.48	8.20	CH33-49	SL280UH090V60C	5326380
XP13-048-230	49,000	13.00	11.50	44,000	29,200	3.42	2.46	8.20	CH33-49	SL280UH110V60C	5326381
XP13-048-230	49,000	13.00	11.50	44,500	29,600	3.40	2.44	8.20	CH33-49	SLP98UH090XV48C	5326444
XP13-048-230	49,000	13.00	11.50	44,500	29,600	3.38	2.44	8.20	CH33-49	SLP98UH090XV60C	5326445
XP13-048-230	49,500	13.00	11.50	44,500	29,600	3.40	2.46	8.20	CH33-49	SLP98UH110XV60C	5326446
XP13-048-230	49,000	13.00	11.50	44,500	29,800	3.36	2.40	8.20	CH33-49		5326365
XP13-048-230	48,500	13.00	11.50	44,000	29,000	3.38	2.44	8.20	CH33-50/60C	EL180UH090E60C	5742683
XP13-048-230	49,500	13.00	11.50	44,500	29,800	3.42	2.44	8.20	CH33-50/60C	EL180UH110E60C	5740672
XP13-048-230	49,500	13.00	11.50	44,500	29,800	3.42	2.44	8.20	CH33-50/60C	EL180UH110XE60C	5740929
XP13-048-230	48,500	13.00	11.50	44,000	29,200	3.38	2.42	8.20	CH33-50/60C	EL195UH090XE48C	5326410
XP13-048-230	48,500	13.00	11.50	44,000	29,200	3.40	2.44	8.20	CH33-50/60C	EL195UH110XE60C	5326414
XP13-048-230	48,500	13.00	11.50	44,000	29,200	3.38	2.42	8.20	CH33-50/60C	EL296UH090XE48C	5650578
XP13-048-230	47,500	13.00	11.50	44,500	29,400	3.38	2.42	8.20	CH33-50/60C	EL296UH090XV48C	5326438
XP13-048-230	47,500	13.00	11.50	44,500	29,400	3.36	2.42	8.20	CH33-50/60C	EL296UH090XV60C	5326437
XP13-048-230	48,500	13.00	11.50	44,000	29,200	3.40	2.44	8.20	CH33-50/60C	EL296UH110XE60C	5650577
XP13-048-230	48,500	13.00	11.50	44,500	29,400	3.38	2.44	8.20	CH33-50/60C	EL296UH110XV48C	5685261
XP13-048-230	47,500	13.00	11.50	44,500	29,400	3.36	2.42	8.20	CH33-50/60C	EL296UH110XV60C	5326431
XP13-048-230	49,000	13.00	11.50	44,000	29,200	3.42	2.44	8.20	CH33-50/60C	SL280UH090V60C	5326384
XP13-048-230	49,000	13.00	11.50	44,000	29,200	3.40	2.44	8.20	CH33-50/60C	SL280UH110V60C	5326385
XP13-048-230	49,000	13.00	11.50	44,500	29,400	3.36	2.42	8.20	CH33-50/60C	SLP98UH090XV48C	5326447
XP13-048-230	49,000	13.00	11.50	44,500	29,400	3.36	2.42	8.20	CH33-50/60C	SLP98UH090XV60C	5326448
XP13-048-230	49,000	13.00	11.50	44,500	29,400	3.38	2.42	8.20	CH33-50/60C	SLP98UH110XV60C	5326449
XP13-048-230	48,500	13.00	11.00	44,500	29,600	3.34	2.40	8.00	CH33-50/60C		5326361
XP13-048-230	49,000	13.00	12.00	44,000	29,000	3.38	2.44	8.20	CH33-60D	EL180UH135E60D	5741080
XP13-048-230	48,500	13.00	11.00	44,000	29,200	3.36	2.40	8.00	CH33-60D	EL195UH135XE60D	5326417
XP13-048-230	48,500	13.00	11.00	44,000	29,200	3.36	2.40	8.00	CH33-60D	EL296UH135XE60D	5650569
XP13-048-230	47,500	13.00	11.00	44,500	29,400	3.40	2.42	8.00	CH33-60D	EL296UH135XV60D	5326425
XP13-048-230	48,500	13.00	11.50	44,000	29,000	3.40	2.44	8.20	CH33-60D	SL280UH135V60D	5326386
XP13-048-230	48,500	13.00	11.00	44,500	29,400	3.40	2.42	8.00	CH33-60D	SLP98UH135XV60D	5326450
XP13-048-230	48,500	13.00	11.00	44,500	29,600	3.28	2.36	8.00	CH33-60D		5326364
XP13-048-230	48,500	13.00	12.00	43,500	29,600	3.60	2.58	8.70	CR33-50/60	EL180DF110E60C	5741630
XP13-048-230	48,000	13.00	11.50	44,000	29,800	3.54	2.52	8.50	CR33-50/60	EL195DF090XE48C	5326406
XP13-048-230	48,000	13.00	11.50	43,500	29,600	3.56	2.56	8.50	CR33-50/60	EL195DF110XE60C	5326407
XP13-048-230	48,000	13.00	11.50	44,000	29,800	3.54	2.52	8.50	CR33-50/60	EL296DF090XE48C	5650576
XP13-048-230	48,000	13.00	11.50	43,500	29,600	3.56	2.56	8.50	CR33-50/60	EL296DF110XE60C	5650570
XP13-048-230	48,500	13.00	12.00	43,500	29,600	3.58	2.56	8.50	CR33-50/60	SL280DF090V60C	5326382
XP13-048-230	48,500	13.00	12.00	43,500	29,600	3.58	2.56	8.50	CR33-50/60	SL280DF110V60C	5326383
XP13-048-230	48,000	13.00	11.50	44,000	29,800	3.52	2.52	8.50	CR33-50/60	SLP98DF090XV60C	5326451
XP13-048-230	48,500	13.00	11.50	44,000	30,000	3.52	2.52	8.50	CR33-50/60	SLP98DF110XV60C	5326452
XP13-048-230	48,000	13.00	11.00	44,500	30,200	3.44	2.46	8.20	CR33-50/60		5326362
XP13-048-230	48,000	13.00	11.00	44,500	30,200	3.44	2.46	8.20	CR33-60		5326363
XP13-048-230	47,000	13.00	11.50	43,000	28,800	3.38	2.40	8.20	CX34-49	EL180UH090E60C	5742686
XP13-048-230	47,500	13.00	11.50	44,000	29,600	3.38	2.40	8.20	CX34-49	EL180UH110E60C	5740673

**NOTES:**

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 (ordered extra).

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				
XP13-048-230	47,500	13.00	11.50	44,000	29,600	3.38	2.40	8.20	CX34-49	EL180UH110XE60C	5740927
XP13-048-230	47,000	13.00	11.50	43,500	29,000	3.34	2.38	8.00	CX34-49	EL195UH090XE48C	5326411
XP13-048-230	47,000	13.00	11.50	43,500	29,000	3.36	2.40	8.20	CX34-49	EL195UH110XE60C	5326415
XP13-048-230	47,000	13.00	11.50	43,500	29,000	3.34	2.38	8.00	CX34-49	EL296UH090XE48C	5650580
XP13-048-230	47,000	13.00	11.50	43,500	29,000	3.34	2.38	8.20	CX34-49	EL296UH090XV48C	5326436
XP13-048-230	47,000	13.00	11.50	43,500	29,000	3.34	2.40	8.20	CX34-49	EL296UH090XV60C	5326430
XP13-048-230	47,000	13.00	11.50	43,500	29,000	3.36	2.40	8.20	CX34-49	EL296UH110XE60C	5650571
XP13-048-230	47,000	13.00	11.50	43,500	29,000	3.34	2.38	8.00	CX34-49	EL296UH110XV48C	5685264
XP13-048-230	47,000	13.00	11.50	43,500	29,200	3.34	2.38	8.20	CX34-49	EL296UH110XV60C	5498264
XP13-048-230	47,000	13.00	11.50	43,500	29,000	3.38	2.40	8.20	CX34-49	SL280UH090V60C	5326377
XP13-048-230	47,000	13.00	11.50	43,500	28,800	3.38	2.40	8.20	CX34-49	SL280UH110V60C	5326378
XP13-048-230	47,000	13.00	11.50	43,500	29,000	3.34	2.38	8.20	CX34-49	SLP98UH090XV48C	5326440
XP13-048-230	47,000	13.00	11.50	43,500	29,000	3.34	2.40	8.20	CX34-49	SLP98UH090XV60C	5326441
XP13-048-230	47,000	13.00	11.50	43,500	29,200	3.38	2.38	8.20	CX34-49	SLP98UH110XV60C	5326442
XP13-048-230	46,500	13.00	11.00	44,000	29,400	3.26	2.34	8.00	CX34-49		5326359
XP13-048-230	48,500	13.00	12.00	43,500	29,000	3.46	2.44	8.20	CX34-60D	EL180UH135E60D	5741081
XP13-048-230	48,000	13.00	11.50	43,500	29,200	3.40	2.42	8.20	CX34-60D	EL195UH135XE60D	5326418
XP13-048-230	48,000	13.00	11.50	43,500	29,200	3.40	2.42	8.20	CX34-60D	EL296UH135XE60D	5650579
XP13-048-230	48,000	13.00	11.50	43,500	29,200	3.42	2.44	8.20	CX34-60D	EL296UH135XV60D	5326428
XP13-048-230	48,500	13.00	12.00	43,500	29,200	3.44	2.44	8.20	CX34-60D	SL280UH135V60D	5326379
XP13-048-230	48,500	13.00	11.50	43,500	29,200	3.42	2.44	8.20	CX34-60D	SLP98UH135XV60D	5326443
XP13-048-230	48,000	13.00	11.00	44,000	29,600	3.32	2.36	8.00	CX34-60D		5326360
XP13-060-230	59,000	13.00	11.00	54,500	34,600	3.34	2.32	8.00	C33-62C	EL180UH090E60C	5742682
XP13-060-230	59,000	13.00	11.00	54,500	34,800	3.32	2.34	8.00	C33-62C	EL180UH110E60C	5740669
XP13-060-230	59,000	13.00	11.00	54,500	34,800	3.32	2.34	8.00	C33-62C	EL180UH110XE60C	5740925
XP13-060-230	59,000	13.00	10.95	54,500	34,800	3.30	2.32	7.70	C33-62C	EL195UH110XE60C	5326340
XP13-060-230	59,000	13.00	11.00	55,000	35,000	3.30	2.30	7.70	C33-62C	EL296UH090XV48C	5326346
XP13-060-230	59,000	13.00	10.95	54,500	34,800	3.30	2.32	7.70	C33-62C	EL296UH110XE60C	5650564
XP13-060-230	59,000	13.00	11.00	55,000	35,000	3.30	2.30	7.70	C33-62C	EL296UH110XV60C	5326349
XP13-060-230	59,500	13.00	11.00	55,000	34,800	3.36	2.32	8.00	C33-62C	SL280UH090V60C	5326328
XP13-060-230	59,500	13.00	11.00	55,000	35,000	3.32	2.30	8.00	C33-62C	SL280UH110V60C	5326329
XP13-060-230	59,000	13.00	11.00	55,000	35,000	3.30	2.30	7.70	C33-62C	SLP98UH090XV48C	5326356
XP13-060-230	59,000	13.00	11.00	55,000	35,000	3.30	2.30	7.70	C33-62C	SLP98UH110XV60C	5326357
XP13-060-230	59,500	13.00	11.00	55,000	35,200	3.30	2.30	7.70	C33-62C		5326318
XP13-060-230	59,500	13.00	11.00	54,000	36,000	3.24	2.36	8.00	C33-62D	EL180UH135E60D	5741077
XP13-060-230	59,500	13.00	11.00	54,500	36,200	3.22	2.32	7.70	C33-62D	EL195UH135XE60D	5326342
XP13-060-230	59,500	13.00	11.00	54,500	36,200	3.22	2.32	7.70	C33-62D	EL296UH135XE60D	5650566
XP13-060-230	59,000	13.00	11.00	54,500	36,000	3.26	2.34	8.00	C33-62D	EL296UH135XV60D	5326348
XP13-060-230	59,500	13.00	11.00	54,500	36,200	3.26	2.36	8.00	C33-62D	SL280UH135V60D	5326330
XP13-060-230	59,000	13.00	11.00	54,500	36,000	3.26	2.34	8.00	C33-62D	SLP98UH135XV60D	5326358
XP13-060-230	59,000	13.00	11.00	56,000	36,600	3.24	2.36	7.70	CBX25UH-060		5727002
XP13-060-230	59,500	13.00	11.00	55,500	36,200	3.26	2.40	7.70	CBX25UHV-060		6970098
XP13-060-230	58,500	13.00	11.00	55,500	36,200	3.48	2.46	8.00	CBX27UH-060		5326323
XP13-060-230	58,000	13.00	11.00	55,000	36,000	3.34	2.42	7.70	CBX32MV-060		5326321
XP13-060-230	59,000	13.00	11.00	54,000	35,400	3.18	2.32	7.70	CBX32MV-068		5326322
XP13-060-230	58,000	13.00	11.00	55,000	36,000	3.36	2.42	7.70	CBX40UHV-060		5326320
XP13-060-230	59,500	13.00	11.00	55,000	35,800	3.20	2.34	7.70	CH33-62D	EL180UH135E60D	5741078

### NOTES:

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

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

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

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 (ordered extra).

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				
XP13-060-230	59,000	13.00	11.00	55,000	35,800	3.18	2.32	7.70	CH33-62D	EL296UH135XV60D	5326345
XP13-060-230	59,500	13.00	11.00	55,000	36,000	3.18	2.32	7.70	CH33-62D	SL280UH135V60D	5326327
XP13-060-230	59,000	13.00	11.00	55,000	35,800	3.18	2.32	7.70	CH33-62D	SLP98UH135XV60D	5326355
XP13-060-230	59,000	13.00	11.00	54,500	34,600	3.34	2.32	8.00	CX34-62C	EL180UH090E60C	5742681
XP13-060-230	59,000	13.00	11.00	54,500	34,800	3.32	2.34	8.00	CX34-62C	EL180UH110E60C	5740670
XP13-060-230	59,000	13.00	11.00	54,500	34,800	3.32	2.34	8.00	CX34-62C	EL180UH110XE60C	5740924
XP13-060-230	59,000	13.00	10.95	54,500	34,800	3.30	2.32	7.70	CX34-62C	EL195UH110XE60C	5326341
XP13-060-230	59,000	13.00	11.00	55,000	35,000	3.30	2.30	7.70	CX34-62C	EL296UH090XV48C	5326351
XP13-060-230	59,000	13.00	10.95	54,500	34,800	3.30	2.32	7.70	CX34-62C	EL296UH110XE60C	5650565
XP13-060-230	59,000	13.00	11.00	55,000	35,000	3.30	2.30	7.70	CX34-62C	EL296UH110XV60C	5326350
XP13-060-230	59,500	13.00	11.00	55,000	34,800	3.36	2.32	8.00	CX34-62C	SL280UH090V60C	5326324
XP13-060-230	59,500	13.00	11.00	55,000	35,000	3.32	2.30	8.00	CX34-62C	SL280UH110V60C	5326325
XP13-060-230	59,000	13.00	11.00	55,000	35,000	3.30	2.30	7.70	CX34-62C	SLP98UH090XV48C	5326352
XP13-060-230	59,000	13.00	11.00	55,000	35,000	3.30	2.30	7.70	CX34-62C	SLP98UH110XV60C	5326353
XP13-060-230	59,500	13.00	11.00	55,000	35,200	3.30	2.30	7.70	CX34-62C		5326317
XP13-060-230	59,500	13.00	11.00	54,000	36,000	3.24	2.36	8.00	CX34-62D	EL180UH135E60D	5741076
XP13-060-230	59,500	13.00	11.00	54,500	36,200	3.22	2.32	7.70	CX34-62D	EL195UH135XE60D	5326343
XP13-060-230	59,500	13.00	11.00	54,500	36,200	3.22	2.32	7.70	CX34-62D	EL296UH135XE60D	5650567
XP13-060-230	59,000	13.00	11.00	54,500	36,000	3.26	2.34	8.00	CX34-62D	EL296UH135XV60D	5326347
XP13-060-230	59,500	13.00	11.00	54,500	36,200	3.26	2.36	8.00	CX34-62D	SL280UH135V60D	5326326
XP13-060-230	59,000	13.00	11.00	54,500	36,000	3.26	2.34	8.00	CX34-62D	SLP98UH135XV60D	5326354

**NOTES:**

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



## REVISIONS

Sections	Description of Change
TXV Usage	Updated to reflect new expansion valve catalog numbers and usage.
TXV Substitutions	Updated to reflect new expansion valve catalog numbers and usage.



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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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