HEAT PUMP OUTDOOR UNITS



T-CLASS™ SPLIT SYSTEM UNITS Standard Efficiency - R-410A - 60 HZ

PRODUCT SPECIFICATIONS

Bulletin No. 210802 October 2017 Supersedes August 2017

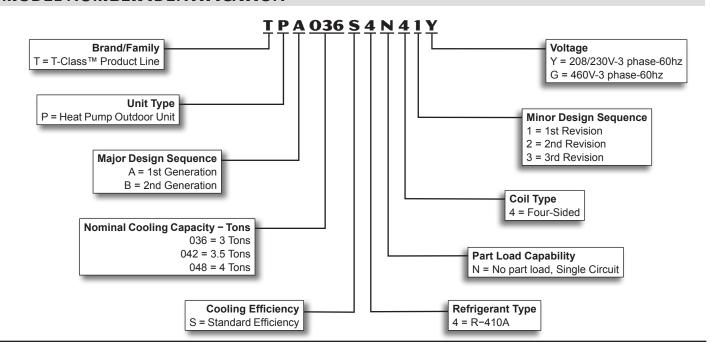


SEER up to 14.50

3 to 4 Tons

Cooling Capacity - 34,800 to 48,000 Btuh Heating Capacity - 32,200 to 44,000 Btuh

MODEL NUMBER IDENTIFICATION



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WARRANTY

Compressor - Limited warranty for five years. installations.

All other covered components - One year. Refer to Lennox Equipment Limited Warranty certificate included with unit for specific details.

APPROVALS

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

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

Tested in the Lennox Research Laboratory environmental test room.

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

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.

APPLICATIONS

SEER up to 14.20.

HSPF (Region IV) up to 8.70.

3 through 4 tons.

Three phase power supply.

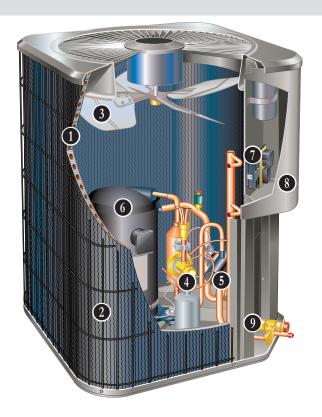
Sound levels as low as 76 dB

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 matching indoor coils with gas furnaces (dual fuel applications).

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.LennoxPROs.com

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.

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.

2 PVC coated steel wire coil guard furnished.

REFRIGERATION SYSTEM (continued)

Outdoor Coil Fan

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

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

Fan motor has ball bearings and is inherently protected.

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

Rain shield on motor provides additional protection from moisture.

Louvered steel top fan guard furnished as standard. Fan service access accomplished by removal of top panel.

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.

High 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 bi-flow drier.

High Pressure Switch

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

Automatic reset.

Low Pressure Switch

Helps protect the compressor from damage due low refrigerant charge conditions.

SPST, normally-closed switch, automatic reset switch mounted on vapor line.

5 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

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.

Check/Expansion Valve Kits

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

Chatleff-style fittings.

COMPRESSOR

6 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.

Muffler in discharge line reduces operating sound levels.

Compressor is installed in the unit on resilient rubber mounts for vibration free operation.

Compressor Crankcase Heater

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

Optional Accessories

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.

TP - 3 to 4 Ton R-410A Standard Efficiency Heat Pump / Page 3

CONTROLS

Defrost Control

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 90 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

L Connection® Commercial Building Automation System

Complete building automation control system for single or multi-zone applications. Options include local interface, software for local or remote communication, and hardware for networking other control functions. See L Connection Network Product Specifications Bulletin for details.

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

Two low ambient control options are available for field installation:

- 1. Low Ambient Control Kit (30°F) Allows unit operation down to 30°F.
- 2. Low Ambient Control (0°F) Allows unit operation down to 0°F. Requires Speed Control and Weatherproof Kit (ordered separately). Available for 208/230V models only.

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

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 separately.

Thermostat

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

CABINET

8 Heavy gauge steel cabinet with five station metal wash process.

Powder paint finish provides superior rust and corrosion protection.

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.

PermaGuard™ Unit Base

Durable zinc-coated base section resists rust and corrosion.

Refrigerant Line Connections, Electrical Inlets, Service Valves

Sweat connection vapor and liquid lines are located on corner of unit cabinet.

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

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

Optional Accessories

Hail Guards

Constructed of louvered, heavy-gauge steel painted to match cabinet.

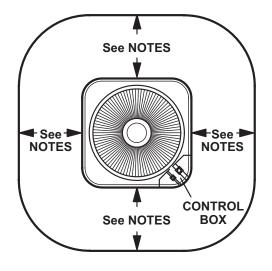
Surrounds unit on all four sides to prevent damage to the coil.

Unit Stand-Off Kit

Black high density polyethylene feet are available to raise unit off of mounting surface away from damaging moisture.

Four feet are furnished per order number.

INSTALLATION CLEARANCES - INCHES (MM)



NOTES:

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

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

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

A clearance of 24 in. must be maintained between two units.

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

SOUND DATA	<u>.</u>							
¹ Unit	Octave Ba	¹ Sound Rating						
Model No.	125	250	500	1000	2000	4000	8000	Number (dB)
TPA036S4	69.5	70.5	71.5	69.5	68.5	62.5	60.5	76
TPA042S4	75.5	79.5	79.5	75.5	70	63.5	58.5	80
TPA048S4	75.5	74.5	75	73.5	70	66.5	63.5	80

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

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

OPTIONAL CONVENTIONAL TEMPERATURE CONTROL SYSTEMS	Model	Catalog
Item	No.	No.
COMFORTSENSE® 7500 COMMERCIAL 7-DAY PROGRAMMABLE THERMOSTAT		
 Four-Stage Heating / Two-Stage Cooling Universal Multi-Stage Intuitive Touchscreen Interface Remote Indoor Temperature Sensing with Averaging Outside or Discharge Air Temperature Display Full Seven-Day Programming Four Time Periods Per Day Occupancy Scheduling with Economizer Relay Control Away Mode Holiday Scheduling Smooth Setback Recovery (SSR) Performance Reports Notifications/Reminders Dehumidification/Humiditrol® Control for Split Systems and Rooftop Units Economizer Relay Control Backlit Display Wallplate Furnished 	COSTATO6FF1L	13H15
Optional Accessories		
¹ Remote non-adjustable wall mount 20k temperature sensor	C0SNZN01AE2-	47W36
¹ Remote non-adjustable wall mount 10k temperature sensor	C0SNZN73AE1-	47W37
Remote non-adjustable discharge air (duct mount) temperature sensor	C0SNDC00AE1-	19L22
Outdoor temperature sensor	C0SNSR03AE1-	X2658
Locking cover (clear)	C0MISC15AE1-	39P21
Two Sensors - (2) 47W37 Three Sensors - (2) 47W36 and (1) 47W37 Four Sensors - (4) 47W36 Five Sensors - (3) 47W36 and (2) 47W37 COMFORTSENSE® 3000 COMMERCIAL 5-2 DAY PROGRAMMABLE THERMOSTAT • Two-Stage Heating / Two-Stage Cooling Conventional Systems • Intuitive Interface • 5-2 Day Programming • Program Hold	C0STAT05FF1L	11Y05
Remote Indoor Temperature Sensing Smooth Setback Recovery (SSR) Economizer Relay Control Maintenance/Filter/Service Reminders Backlit Display Wallplate Furnished Simple Up and Down Temperature Control.		
Optional Accessories		
Remote non-adjustable wall mount 10k averaging temperature sensor	C0SNZN73AE1-	47W37
Optional wall mounting plate	C0MISC17AE1-	X2659
	C0STAT12AE1L	51M32
 One-Stage Heating / Cooling Conventional Systems Intuitive Interface Automatic Changeover Backlit Display Simple Up and Down Temperature Control. 		
 One-Stage Heating / Cooling Conventional Systems Intuitive Interface Automatic Changeover Backlit Display 		

SPECIFICATION	IS							
General		Model No.	TPA0	36S4	TPA0	42S4	TPA0	48 S 4
Data	Nomir	nal Tonnage	3	3	3.	5	4	
Connections	Liquid li	ine o.d in.	3/	/8	3/	8	3/	8
(sweat)	Vapor li	ine o.d in.	7/	/8	7/	8	7/	8
¹ Refrigerant (R-410A) fu	urnished		6 lbs.	6 oz.	7 lbs.	11 oz.	9 lbs. 11 oz.	
	et face area	Outer coil	21.	.00	24.	50	18.	67
Coil sq	. ft.	Inner coil		· -		-	18.	01
	Tube di	ameter - in.	5/	16	5/1	16	5/1	16
	Num	ber of rows	1	<u> </u>	1		2	
	F	ins per inch	2	2	2:	2	2:	2
Outdoor	Di	ameter - in.	2	2	2:	2	2:	2
Fan	Numbe	er of blades	3	3	4		4	
		Motor hp	1/	6	1/	4	1/	
		Cfm	28		35		33	
		Rpm	84		84		83	
		Watts	20	-	28		29	
Shipping Data - lbs. 1 p	ackage		18	37	22	23	23	6
ELECTRICAL DA	TA							
	Line voltage data -	60 hz - 3ph	208/230V	460V	208/230V	460V	208/230V	460V
² Maxir	mum overcurrent protec	tion (amps)	20	15	30	15	25	15
	³ Minimum circu		11.9	5.6	18.6	8.4	15.5	7.8
Compressor		l load amps	8.7	4.0	13.5	6.0	11.0	5.5
		rotor amps	70	31	88	44	86	37
		ower factor	0.85	0.84	0.83	0.81	0.90	0.92
Outdoor Fan Motor		I load amps	1.0	0.6	1.7	0.9	1.7	0.9
		rotor amps	1.9	1.0	3.1	2.3	3.1	2.3
OPTIONAL ACC	ESSORIES - OR		PARATEL	. Y	1		_	
Compressor Low Ambie		45F08	•	•	•		•	
Compressor Sound Cov		69J03	•	•	•		•	
Freezestat	3/8 in. tubing		•	•	•		•	
	5/8 in. tubing	-	•	•	•		•	
Hail Guards	28 x 28 x 36 in		•)				
	28 x 28 x 42 in				•			
	28 x 28 x 32 in						•	
Indoor Blower Off Delay		58M81	•		•		•	
⁴ Low Ambient Kit (30°F	•	54M89	•		•		•	
⁴ Low Ambient Control (0°F)	Speed Contro		•	•	•		•	
208/230V only	Weatherproof Ki	t 56N41	'	•	•		•	
Low Pressure Switch B	ypass Thermostat	13W07)	•		•	
Mild Weather Kit		33M07	•	•	•		•	
Monitor Kit - Service Lig	ght	76F53		,	•		•	
Outdoor Thermostat	Thermosta	t 56A87	•	,	•		•	
Kit	Mounting Box	31461	•	•	•		•	
Refrigerant Line Sets	L15-65-30, L15-65-40	, L15-65-50		,	•		•	
Unit Stand-Off Kit		94J45		,	•		•	

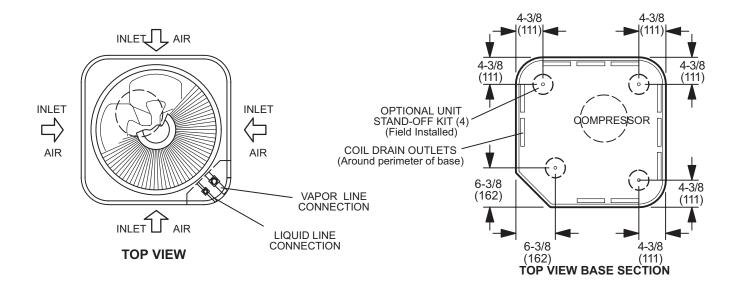
 $\ensuremath{\mathsf{NOTE}}$ - Extremes of operating range are plus 10% and minus 5% of line voltage.

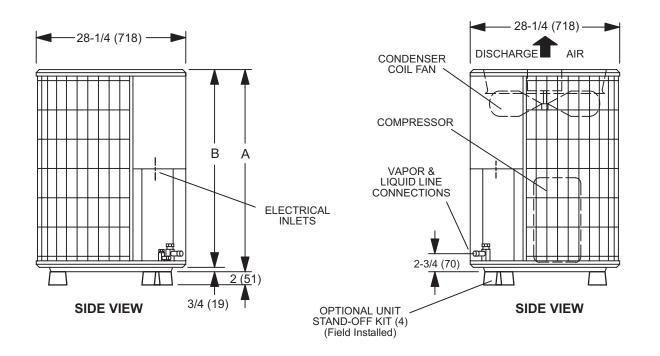
¹ Refrigerant charge sufficient for 15 ft. length of refrigerant lines.

² HACR type circuit breaker or fuse.

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

⁴ Freezestat is recommended with Low Ambient Control.





Model No.		A	В		
Widdel No.	inches	mm	inches	mm	
TPA036S4	37-1/4	946	36-1/2	927	
TPA042S4	43-1/4	1099	42-1/4	1073	
TPA048S4	33-1/4	845	32-1/2	826	

THERMAL EXPANSION VALVES (TXV)

Use this table for C33, CH23, CH33 and CR33 Field Installed TXV Match-Ups.

Model No.	Order No.
TPA036S4	12J19
TPA042S4	12J20
TPA048S4	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.

*TXV SUBSTITUTIONS

Use this table to determine if the factory installed TXV in the indoor unit needs to be replaced.

Model No.	Air Handler	Factory TXV	Replacement TXV
TPA042S4	CBX32M-036	12J19	12J20
TPA042S4	CBX32MV-036	12J19	12J20
TPA042S4	CBX40UHV-036	12J19	12J20

^{*}Air handlers - The factory installed expansion valve must be replaced with the expansion valve listed (ordered separately).

AHRI STANDARD 210/240

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

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

C33 coils and all horizontal and downflow coils are shipped without a TXV. The TXV must be ordered and field installed.

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

AHRI SYSTEM	MATO	CHES									
Model No.	Cooling	SEER	EED	Heat C	apacity	1		HSPF	Coil or	Furnace	AHRI
Wiodel No.	Capacity	SEEK	LLK	High	Low	High	Low	(IV)	Air Handler	rumace	Reference
TPA036S4 (208/230V)	36000	14	11.5	32200	20600	3.52	2.44	8.5	C33-38B	EL180UH070E36B	9038636
TPA036S4 (208/230V)	36000	14	11.5	32200	20600	3.52	2.44	8.5	C33-38B	EL180UH070XE36B	9038637
TPA036S4 (208/230V)	36000	14	11.5	32400	20800	3.56	2.46	8.5	C33-38B	EL180UH090E48B	9038638
TPA036S4 (208/230V)	36000	14	11.5	32400	20800	3.56	2.46	8.5	C33-38B	EL180UH090XE48B	9038639
TPA036S4 (208/230V)	36000	14	11.5	32400	20800	3.54	2.46	8.5	C33-38B	SL280UH090V36B	9038645
TPA036S4 (208/230V)	36000	14	11.5	32400	20800	3.52	2.44	8.5	C33-38B	SL280UH090V48B	9038646
TPA036S4 (208/230V)	36000	14	11.5	32400	20800	3.52	2.44	8.5	C33-38B	SL280UH090XV48B	9038647
TPA036S4 (208/230V)	36000	14	11.5	32200	20600	3.4	2.38	8.2	C33-48B	EL180UH070E36B	9038650
TPA036S4 (208/230V)	36000	14	11.5	32200	20600	3.4	2.38	8.2	C33-48B	EL180UH070XE36B	9038651
TPA036S4 (208/230V)	36000	14	11.5	32400	20600	3.44	2.38	8.2	C33-48B	EL180UH090E48B	9038652
TPA036S4 (208/230V)	36000	14	11.5	32400	20600	3.44	2.38	8.2	C33-48B	EL180UH090XE48B	9038653
TPA036S4 (208/230V)	36000	14	11.5	32200	20600	3.4	2.36	8.2	C33-48B	SL280UH090V36B	9038659
TPA036S4 (208/230V)	36000	14	11.5	32400	20800	3.42	2.38	8.2	C33-48B	SL280UH090V48B	9038660
TPA036S4 (208/230V)	36000	14	11.5	32400	20800	3.42	2.38	8.2	C33-48B	SL280UH090XV48B	9038661
TPA036S4 (208/230V)	36000	14	11.5	32400	20600	3.46	2.38	8.2	C33-48C	EL180UH090E60C	9038663
TPA036S4 (208/230V)	36000	14	11.5	32200	20600	3.42	2.38	8.2	C33-48C	EL180UH110E60C	9038664
TPA036S4 (208/230V)	36000	14	11.5	32200	20600	3.42	2.38	8.2	C33-48C	EL180UH110XE60C	9038665
TPA036S4 (208/230V)		14	11.5	32400	20600	3.42	2.36	8.2	C33-48C	EL195UH090XE48C	9038666
TPA036S4 (208/230V)		14	11.5	32400	20800		2.4	8.2	C33-48C	EL195UH110XE60C	9038667
TPA036S4 (208/230V)		14	11.5	32400	20600	3.42	2.36	8.2	C33-48C	EL296UH090XE48C	9038668
TPA036S4 (208/230V)		14	11.5	32400	20800	3.42	2.38	8.2	C33-48C	EL296UH090XV36C	9038669
TPA036S4 (208/230V)		14	11.5	32200	20600	3.4	2.38	8.2	C33-48C	EL296UH090XV48C	9038670
TPA036S4 (208/230V)		14	11.5	32600	21000		2.4	8.2	C33-48C	EL296UH090XV60C	9038671
TPA036S4 (208/230V)		14	11.5	32400	20800		2.4	8.2	C33-48C	EL296UH110XE60C	9038672
TPA036S4 (208/230V)		14.2	11.7	32200	20600		2.38	8.2	C33-48C	EL296UH110XV48C	9038673
TPA036S4 (208/230V)		14	11.5	32400	20800		2.4	8.2	C33-48C	EL296UH110XV60C	9038674
TPA036S4 (208/230V)		14	11	32600	20800		2.38	8	C33-48C	SL280UH110V60C	9038677
TPA036S4 (208/230V)		14	11	32600	20800		2.38	8	C33-48C	SL280UH110XV60C	9038678
TPA036S4 (208/230V)		14	11.5	32400	20800		2.38	8.2	C33-48C	SLP98UH090XV36C	9038679
TPA036S4 (208/230V)		14	11.5	32200	20600	3.4	2.38	8.2	C33-48C	SLP98UH090XV48C	9038680
TPA036S4 (208/230V)		14	11.5	32600	21000		2.4	8.2	C33-48C	SLP98UH090XV60C	9038681
TPA036S4 (208/230V)		14	11.5	32400	20800		2.4	8.2	C33-48C	SLP98UH110XV60C	9038682
TPA036S4 (208/230V)		14	11.5		21000		2.54		CBX32MV-036		9038688
TPA036S4 (208/230V)		14	11.5		20600		2.42		CH33-31B	EL180UH070E36B	9038690
TPA036S4 (208/230V)		14	11.5	32400		3.5	2.42		CH33-31B	EL180UH070XE36B	9038691
TPA036S4 (208/230V)		14	11.5				2.44		CH33-31B	SL280UH090V36B	9038697
TPA036S4 (208/230V)		14	11.5	32600		3.5	2.44		CH33-31B	SL280UH090V48B	9038698
TPA036S4 (208/230V)		14	11.5	32600	21000	3.5	2.44		CH33-31B	SL280UH090XV48B	9038699
TPA036S4 (208/230V)		14	11.5	32600	20800	3.6	2.48		CH33-36C	EL180UH090E60C	9038702
TPA036S4 (208/230V)		14	11.5	32600	20800	3.6	2.48		CH33-36C	EL180UH110E60C	9038703
TPA036S4 (208/230V)		14	11.5	32600	20800	3.6	2.48		CH33-36C	EL180UH110XE60C	9038704
TPA036S4 (208/230V)		14	11.5	32600	20800		2.46		CH33-36C	EL195UH090XE48C	9038705
TPA036S4 (208/230V)		14	11.5		21000			8.5	CH33-36C	EL195UH110XE60C	9038706
TPA036S4 (208/230V)		14	11.5	32600	20800		2.46		CH33-36C	EL296UH090XE48C	9038707
TPA036S4 (208/230V)		14	11.5	32800		3.58			CH33-36C	EL296UH090XV36C	9038708
TPA036S4 (208/230V)		14	11.5		20800	3.56			CH33-36C	EL296UH090XV48C	9038709
TPA036S4 (208/230V)		14	11.5	33000		3.62			CH33-36C	EL296UH090XV60C	9038710
TPA036S4 (208/230V)		14	11.5	32800	21000	1		8.5	CH33-36C	EL296UH110XE60C	9038710
NOTES:	33000	17	11.5	32000	21000	0.02	2.5	0.0	01100-000	LLZ30011110AE00C	3030711

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

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

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

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

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

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

AHRI SYSTEM	MATO	CHES									
Model No.	Cooling	SEER	EED	Heat C	apacity	Heat	СОР	HSPF	Coil or	Furnace	AHRI
Wiodei No.	Capacity	SEEK	LLK	High	Low	High	Low	(IV)	Air Handler	rumace	Reference
TPA036S4 (208/230V)	35400	14	11.7	32600	20800	3.6	2.48	8.5	CH33-36C	EL296UH110XV48C	9038712
TPA036S4 (208/230V)	35600	14	11.5	32800	21000	3.62	2.5	8.5	CH33-36C	EL296UH110XV60C	9038713
TPA036S4 (208/230V)	35800	14	11	32800	21000	3.64	2.5	8.5	CH33-36C	SL280UH090V60C	9038714
TPA036S4 (208/230V)	35800	14	11	32800	21000	3.64	2.5	8.5	CH33-36C	SL280UH090XV60C	9038715
TPA036S4 (208/230V)	35600	14	11	32800	21000	3.6	2.48	8.2	CH33-36C	SL280UH110V60C	9038716
TPA036S4 (208/230V)	35600	14	11	32800	21000	3.6	2.48	8.2	CH33-36C	SL280UH110XV60C	9038717
TPA036S4 (208/230V)	35400	14	11.5	32800	20800	3.6	2.46	8.5	CH33-36C	SLP98UH090XV36C	9038718
TPA036S4 (208/230V)	35600	14	11.5	32800	21000	3.6	2.48	8.5	CH33-36C	SLP98UH090XV48C	9038719
TPA036S4 (208/230V)	35800	14	11.5	33000	21000	3.64	2.48	8.5	CH33-36C	SLP98UH090XV60C	9038720
TPA036S4 (208/230V)	35600	14	11.5	32800	21000	3.64	2.5	8.5	CH33-36C	SLP98UH110XV60C	9038721
TPA036S4 (208/230V)	34800	14	11.5	32400	20800	3.46	2.42	8.2	CH33-42	SL280UH090V36B	9038727
TPA036S4 (208/230V)	34800	14	11.5	32600	20800	3.48	2.4	8.2	CH33-42	SL280UH090V48B	9038728
TPA036S4 (208/230V)	34800	14	11.5	32600	20800	3.48	2.4	8.2	CH33-42	SL280UH090XV48B	9038729
TPA036S4 (208/230V)	35600	14	11.5	32400	20800	3.56	2.48	8.5	CR33-48	EL180DF070E36B	9038732
TPA036S4 (208/230V)	35600	14	11.5	32600	20800	3.58	2.48	8.2	CR33-48	EL180DF090E48B	9038733
TPA036S4 (208/230V)	35600	14	11.5	32800	21000	3.56	2.46	8.2	CR33-48	EL195DF070XE48B	9038735
TPA036S4 (208/230V)	35600	14	11.5	32800	21000	3.56	2.46	8.2	CR33-48	EL296DF070XE48B	9038738
TPA036S4 (208/230V)	35600	14	11.5	32600	20800	3.56	2.46	8.2	CR33-48	SL280DF090V48B	9038740
TPA036S4 (208/230V)	36000	14	11.5	32800	21000	3.6	2.48	8.5	CR33-48C	EL195DF090XE48C	9038956
TPA036S4 (208/230V)		14	11.5	32800	21000	3.6	2.48	8.5	CR33-48C	EL296DF090XE48C	9038957
TPA036S4 (208/230V)		14	11.7	32800	21000	3.66	2.52	8.5	CR33-48C	SL280DF090V60C	9038958
TPA036S4 (208/230V)		14	11.7	32600	20800		2.5	8.5	CR33-48C	SL280DF110V60C	9038959
TPA036S4 (208/230V)		14	11.5	32800	21000			8.2	CR33-48C	SLP98DF090XV36C	9038960
TPA036S4 (208/230V)		14	11.5	32800	20800	3.6	2.46		CR33-48C	SLP98DF090XV48C	9038961
TPA036S4 (208/230V)		14	11.5	32800	21000	3.6		8.5	CR33-48C	SLP98DF090XV60C	9038962
TPA036S4 (208/230V)		14	11.5	32800	21000	3.6	2.48	8.5	CR33-48C	SLP98DF110XV60C	9038963
TPA036S4 (208/230V)		14	11.5	32200	20600	3.52	2.44	8.5	CX34-38B	EL180UH070E36B	9038746
TPA036S4 (208/230V)		14	11.5	32200	20600	3.52	2.44	8.5	CX34-38B	EL180UH070XE36B	9038747
TPA036S4 (208/230V)		14	11.5	32400	20800			8.5	CX34-38B	EL180UH090E48B	9038748
TPA036S4 (208/230V)		14	11.5	32400	20800		2.46		CX34-38B	EL180UH090XE48B	9038749
TPA036S4 (208/230V)		14	11.5	32400	20800			8.5	CX34-38B	SL280UH090V36B	9038755
TPA036S4 (208/230V)		14	11.5	32400	20800		2.46		CX34-38B	SL280UH090V48B	9038756
TPA036S4 (208/230V)		14	11.5	32400	20800		2.46		CX34-38B	SL280UH090XV48B	9038757
TPA036S4 (208/230V)		14	11.5			3.4	2.38		CX34-44/48B	EL180UH070E36B	9038760
TPA036S4 (208/230V)		14	11.5	32200			2.38		CX34-44/48B	EL180UH070XE36B	9038761
TPA036S4 (208/230V)		14	11.5		20600		2.38		CX34-44/48B	EL180UH090E48B	9038762
TPA036S4 (208/230V)		14	11.5		20600	3.44			CX34-44/48B	EL180UH090XE48B	9038763
TPA036S4 (208/230V)		14	11.5	32200			2.38		CX34-44/48B	SL280UH090V36B	9038769
TPA036S4 (208/230V)		14	11.5	32200			2.36		CX34-44/48B	SL280UH090V48B	9038770
TPA036S4 (208/230V)		14	11.5	32200		3.4	2.36		CX34-44/48B	SL280UH090XV48B	9038771
TPA036S4 (208/230V)		14	11.5	32400	20600		2.38		CX34-44/48C	EL180UH090E60C	9038774
TPA036S4 (208/230V)		14	11.5	32200			2.38		CX34-44/48C	EL180UH110E60C	9038775
TPA036S4 (208/230V)		14	11.5	32200		3.42			CX34-44/48C	EL180UH110XE60C	9038776
TPA036S4 (208/230V)		14	11.5	32400			2.36		CX34-44/48C	EL195UH090XE48C	9038777
TPA036S4 (208/230V)		14	11.5		20800	3.44		8.2	CX34-44/48C		9038778
TPA036S4 (208/230V)		14	11.5	1	20600	3.42			CX34-44/48C	EL296UH090XE48C	9038779
TPA036S4 (208/230V)		14	11.5	32400		3.42			CX34-44/48C	EL296UH090XV36C	9038780
TPA036S4 (208/230V)		14	11.5	32200	20600	3.4	2.38		CX34-44/48C	EL296UH090XV48C	9038781
NOTES:	155550	1	11.5	02200		J U. T		J.2	3/10 1 77/700		3000701

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 (order separately).

AHRI SYSTEM	MATO	CHES									
Model No.	Cooling	SEER	EED	Heat C	apacity	Heat	COP	HSPF	Coil or	Furnace	AHRI
Wiodel No.	Capacity	SEEK	LLK	High	Low	High	Low	(IV)	Air Handler	rumace	Reference
TPA036S4 (208/230V)	36000	14	11.5	32600	21000	3.44	2.4	8.2	CX34-44/48C	EL296UH090XV60C	9038782
TPA036S4 (208/230V)	36000	14	11.5	32400	20800	3.44	2.4	8.2	CX34-44/48C	EL296UH110XE60C	9038783
TPA036S4 (208/230V)	36000	14.2	11.7	32200	20600	3.42	2.38	8.2	CX34-44/48C	EL296UH110XV48C	9038784
TPA036S4 (208/230V)	36000	14	11.5	32400	20800	3.46	2.4	8.2	CX34-44/48C	EL296UH110XV60C	9038785
TPA036S4 (208/230V)	36000	14	11	32600	20800	3.5	2.4	8	CX34-44/48C	SL280UH090V60C	9038786
TPA036S4 (208/230V)	36000	14	11	32600	20800	3.5	2.4	8	CX34-44/48C	SL280UH090XV60C	9038787
TPA036S4 (208/230V)	36000	14	11	32600	20800	3.44	2.38	8	CX34-44/48C	SL280UH110V60C	9038788
TPA036S4 (208/230V)	36000	14	11	32600	20800	3.44	2.38	8	CX34-44/48C	SL280UH110XV60C	9038789
TPA036S4 (208/230V)	36000	14	11.5	32400	20800	3.42	2.38	8.2	CX34-44/48C	SLP98UH090XV36C	9038790
TPA036S4 (208/230V)	36000	14	11.5	32600	20800	3.44	2.38	8.2	CX34-44/48C	SLP98UH090XV48C	9038791
TPA036S4 (208/230V)	36000	14	11.5	32600	21000	3.44	2.4	8.2	CX34-44/48C	SLP98UH090XV60C	9038792
TPA036S4 (208/230V)	36000	14	11.5	32400	20800	3.46	2.4	8.2	CX34-44/48C	SLP98UH110XV60C	9038793
TPA036S4 (460V)	36000	14	11.5	32200	20600	3.52	2.44	8.5	C33-38B	EL180UH070E36B	9038798
TPA036S4 (460V)	36000	14	11.5	32200	20600		2.44	8.5	C33-38B	EL180UH070XE36B	9038799
TPA036S4 (460V)	36000	14	11.5	32400	20800	3.56	2.46	8.5	C33-38B	EL180UH090E48B	9038800
TPA036S4 (460V)	36000	14	11.5	32400	20800	3.56	2.46	8.5	C33-38B	EL180UH090XE48B	9038801
TPA036S4 (460V)	36000	14	11.5	32400	20800		2.46	8.5	C33-38B	SL280UH090V36B	9038807
TPA036S4 (460V)	36000	14	11.5	32400	20800		2.44	8.5	C33-38B	SL280UH090V48B	9038808
TPA036S4 (460V)	36000	14	11.5	32400	20800		2.44	8.5	C33-38B	SL280UH090XV48B	9038809
TPA036S4 (460V)	36000	14	11.5	32200	20600	3.4	2.38	8.2	C33-48B	EL180UH070E36B	9038812
TPA036S4 (460V)	36000	14	11.5	32200	20600	3.4	2.38	8.2	C33-48B	EL180UH070XE36B	9038813
TPA036S4 (460V)	36000	14	11.5	32400	20600	3.44	2.38	8.2	C33-48B	EL180UH090E48B	9038814
TPA036S4 (460V)	36000	14	11.5	32400	20600		2.38	8.2	C33-48B	EL180UH090XE48B	9038815
TPA036S4 (460V)	36000	14	11.5	32200	20600	3.4	2.36	8.2	C33-48B	SL280UH090V36B	9038821
TPA036S4 (460V)	36000	14	11.5	32400	20800		2.38	8.2	C33-48B	SL280UH090V48B	9038822
TPA036S4 (460V)	36000	14	11.5	32400	20800		2.38	8.2	C33-48B	SL280UH090XV48B	9038823
TPA036S4 (460V)	36000	14	11.5	32400	20600		2.38	8.2	C33-48C	EL180UH090E60C	9038825
TPA036S4 (460V)	36000	14	11.5	32200	20600		2.38	8.2	C33-48C	EL180UH110E60C	9038826
TPA036S4 (460V)	36000	14	11.5	32200	20600		2.38	8.2	C33-48C	EL180UH110XE60C	9038827
TPA036S4 (460V)	36000	14	11.5	32400	20600	3.42	2.36	8.2	C33-48C	EL195UH090XE48C	9038828
TPA036S4 (460V)	36000	14	11.5	32400	20800		2.4	8.2	C33-48C	EL195UH110XE60C	9038829
TPA036S4 (460V)	36000	14	11.5	32400	20600		2.36	8.2	C33-48C	EL296UH090XE48C	9038830
TPA036S4 (460V)	36000	14	11.5		20800		2.38		C33-48C		9038831
TPA036S4 (460V)	36000	14	11.5	1	20600		2.38		C33-48C	EL296UH090XV48C	9038832
TPA036S4 (460V)	36000	14	11.5		21000			8.2	C33-48C	EL296UH090XV60C	9038833
TPA036S4 (460V)	36000	14	11.5	1	20800			8.2	C33-48C	EL296UH110XE60C	9038834
TPA036S4 (460V)	36000	14.2	11.7	32200		3.42			C33-48C	EL296UH110XV48C	9038835
TPA036S4 (460V)	36000	14.2	11.5	32400	20800	3.46		8.2	C33-48C	EL296UH110XV40C	9038836
TPA036S4 (460V)	36000	14	11.3	32600	20800		2.38		C33-48C	SL280UH110V60C	9038839
TPA036S4 (460V)	36000	14	11	32600	20800		2.38		C33-48C	SL280UH110XV60C	9038840
, ,											
TPA036S4 (460V)	36000 36000	14	11.5 11.5	32400 32200	20800	3.42	2.38 2.38		C33-48C C33-48C		9038841
TPA036S4 (460V) TPA036S4 (460V)		14			21000						
, ,	36000	14	11.5					8.2	C33-48C		9038843
TPA036S4 (460V)	36000	14	11.5	32400	20800		2.4	8.2	C33-48C	SLP98UH110XV60C	9038844
TPA036S4 (460V)	35400	14	11.5	1	21000	3.66			CBX32MV-036	EL 400LU 1070E00D	9038850
TPA036S4 (460V)	34800	14	11.5		20600	3.5	2.42		CH33-31B	EL180UH070E36B	9038852
TPA036S4 (460V)	34800	14	11.5	32400		3.5	2.42		CH33-31B	EL180UH070XE36B	9038853
TPA036S4 (460V)	35000	14	11.5	32600	20800	3.54	2.44	8.2	CH33-31B	SL280UH090V36B	9038859

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

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

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

All ratings include the use of a blower time delay relay (TDR). All Lennox variable-speed Furnaces and Air Handlers have time delay capabilities. Other Furnaces and Air Handlers may require an optional time delay relay (58M81) for field installation. See furnace or air handler specifications to determine if relay is needed. Also see TXV Substitution Table at the beginning of the Heat Pump AHRI System Matches section.

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

AHRI SYSTE	M MATO	HES									
Model No.	Cooling Capacity	SEER	EER	Heat C High	apacity Low	1	Low	HSPF (IV)	Coil or Air Handler	Furnace	AHRI Reference
TPA036S4 (460V)	35000	14	11.5	32600	21000	3.5	2.44	8.2	CH33-31B	SL280UH090V48B	9038860
TPA036S4 (460V)	35000	14	11.5	32600	21000	3.5	2.44	8.2	CH33-31B	SL280UH090XV48B	9038861
TPA036S4 (460V)	35600	14	11.5	32600	20800	3.6	2.48	8.5	CH33-36C	EL180UH090E60C	9038864
TPA036S4 (460V)	35200	14	11.5	32600	20800	3.6	2.48	8.5	CH33-36C	EL180UH110E60C	9038865
TPA036S4 (460V)	35200	14	11.5	32600	20800	3.6	2.48	8.5	CH33-36C	EL180UH110XE60C	9038866
TPA036S4 (460V)	35200	14	11.5	32600	20800	3.56	2.46	8.5	CH33-36C	EL195UH090XE48C	9038867
TPA036S4 (460V)	35600	14	11.5	32800	21000	3.62	2.5	8.5	CH33-36C	EL195UH110XE60C	9038868
TPA036S4 (460V)	35200	14	11.5	32600	20800	3.56	2.46	8.5	CH33-36C	EL296UH090XE48C	9038869
TPA036S4 (460V)	35400	14	11.5	32800	20800	3.58	2.46	8.5	CH33-36C	EL296UH090XV36C	9038870
TPA036S4 (460V)	35000	14	11.5	32600	20800	3.56	2.46	8.2	CH33-36C	EL296UH090XV48C	9038871
TPA036S4 (460V)	35800	14	11.5	33000	21000	3.62	2.46	8.5	CH33-36C	EL296UH090XV60C	9038872
TPA036S4 (460V)	35600	14	11.5	32800	21000	3.62	2.5	8.5	CH33-36C	EL296UH110XE60C	9038873
TPA036S4 (460V)	35400	14	11.7	32600	20800	3.6	2.48	8.5	CH33-36C	EL296UH110XV48C	9038874
TPA036S4 (460V)	35600	14	11.5	32800	21000	3.62	2.5	8.5	CH33-36C	EL296UH110XV60C	9038875
TPA036S4 (460V)	35800	14	11	32800	21000	3.64	2.5	8.5	CH33-36C	SL280UH090V60C	9038876
TPA036S4 (460V)	35800	14	11	32800	21000	3.64	2.5	8.5	CH33-36C	SL280UH090XV60C	9038877
TPA036S4 (460V)	35600	14	11	32800	21000	3.6	2.48	8.2	CH33-36C	SL280UH110V60C	9038878
TPA036S4 (460V)	35600	14	11	32800	21000	3.6	2.48	8.2	CH33-36C	SL280UH110XV60C	9038879
TPA036S4 (460V)	35400	14	11.5	32800	20800	3.6		8.5	CH33-36C	SLP98UH090XV36C	9038880
TPA036S4 (460V)	35600	14	11.5	32800	21000	3.6	2.48	8.5	CH33-36C	SLP98UH090XV48C	9038881
TPA036S4 (460V)	35800	14	11.5	33000	21000			8.5	CH33-36C	SLP98UH090XV60C	9038882
TPA036S4 (460V)	35600	14	11.5	32800	21000	3.64	2.5	8.5	CH33-36C	SLP98UH110XV60C	9038883
TPA036S4 (460V)	34800	14	11.5	32400	20800		2.42	8.2	CH33-42	SL280UH090V36B	9038889
TPA036S4 (460V)	34800	14	11.5	32600	20800	3.48	2.4	8.2	CH33-42	SL280UH090V48B	9038890
TPA036S4 (460V)	34800	14	11.5	32600	20800		2.4	8.2	CH33-42	SL280UH090XV48B	9038891
TPA036S4 (460V)	35600	14	11.5	32400	20800		2.48	8.5	CR33-48	EL180DF070E36B	9038894
TPA036S4 (460V)	35600	14	11.5	32600	20800		2.48		CR33-48	EL180DF090E48B	9038895
TPA036S4 (460V)	35600	14	11.5	32800	21000		2.46	8.2	CR33-48	EL195DF070XE48B	9038897
TPA036S4 (460V)	35600	14	11.5	32800	21000			8.2	CR33-48	EL296DF070XE48B	9038900
TPA036S4 (460V)	35600	14	11.5	32600	20800	3.56	2.46	8.2	CR33-48	SL280DF090V48B	9038902
TPA036S4 (460V)	36000	14	11.5	32800	21000	3.6	2.48	8.5	CR33-48C	EL195DF090XE48C	9038964
TPA036S4 (460V)	36000	14	11.5	32800	21000	3.6	2.48		CR33-48C	EL296DF090XE48C	9038965
TPA036S4 (460V)	36000	14	11.7				2.52	8.5	CR33-48C	SL280DF090V60C	9038966
TPA036S4 (460V)	35800	14	11.7		20800	3.62		8.5	CR33-48C	SL280DF110V60C	9038967
TPA036S4 (460V)	35800	14	11.5		21000		2.48		CR33-48C	SLP98DF090XV36C	9038968
TPA036S4 (460V)	35800	14	11.5		20800	3.6	2.46		CR33-48C	SLP98DF090XV48C	9038969
TPA036S4 (460V)	36000	14	11.5	32800			2.48		CR33-48C	SLP98DF090XV60C	9038970
TPA036S4 (460V)	36000	14	11.5		21000		2.48		CR33-48C	SLP98DF110XV60C	9038971
TPA036S4 (460V)	36000	14	11.5			3.52			CX34-38B	EL180UH070E36B	9038908
TPA036S4 (460V)	36000	14	11.5		20600		2.44	1	CX34-38B	EL180UH070XE36B	9038909
TPA036S4 (460V)	36000	14	11.5	32400			2.46		CX34-38B	EL180UH090E48B	9038910
TPA036S4 (460V)	36000	14	11.5		20800		2.46		CX34-38B	EL180UH090XE48B	9038911
TPA036S4 (460V)	36000	14	11.5	32400			2.46		CX34-38B	SL280UH090V36B	9038917
TPA036S4 (460V)	36000	14	11.5	32400	1		2.46		CX34-38B	SL280UH090V48B	9038918
TPA036S4 (460V)	36000	14	11.5	32400			2.46		CX34-38B	SL280UH090XV48B	9038919
TPA036S4 (460V)	36000	14	11.5	32200		3.4	2.38	1	CX34-44/48B	EL180UH070E36B	9038922
TPA036S4 (460V)	36000	14	11.5			3.4	2.38		CX34-44/48B	EL180UH070XE36B	9038923
TPA036S4 (460V)	36000	14	11.5			3.44			CX34-44/48B	EL180UH090E48B	9038924
NOTES:	100000		1 . 1.5	102-100		J		U.2	JONG 1 44/40D		3333324

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

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

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

All ratings include the use of a blower time delay relay (TDR). All Lennox variable-speed Furnaces and Air Handlers have time delay capabilities. Other Furnaces and Air Handlers may require an optional time delay relay (58M81) for field installation. See furnace or air handler specifications to determine if relay is needed. Also see TXV Substitution Table at the beginning of the Heat Pump AHRI System Matches section.

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

AHRI SYSTEM MATCHES											
Model No.	Cooling	SEER	EER	1	apacity	1	i .	1	Coil or	Furnace	AHRI
	Capacity			High	Low	_	Low	(IV)	Air Handler		Reference
TPA036S4 (460V)	36000	14	11.5	32400	20600		2.38	8.2	CX34-44/48B	EL180UH090XE48B	9038925
TPA036S4 (460V)	36000	14	11.5	32200	20600	3.42	2.38	8.2	CX34-44/48B	SL280UH090V36B	9038931
TPA036S4 (460V)	36000	14	11.5	32200	20600	3.4		8.2	CX34-44/48B	SL280UH090V48B	9038932
TPA036S4 (460V)	36000	14	11.5	32200	20600	3.4	2.36	8.2	CX34-44/48B	SL280UH090XV48B	9038933
TPA036S4 (460V)	36000	14	11.5	32400	20600		2.38	8.2	CX34-44/48C	EL180UH090E60C	9038936
TPA036S4 (460V)	36000	14	11.5	32200	20600		2.38	8.2	CX34-44/48C	EL180UH110E60C	9038937
TPA036S4 (460V)	36000	14	11.5	32200	20600	3.42	2.38	8.2	CX34-44/48C	EL180UH110XE60C	9038938
TPA036S4 (460V)	36000	14	11.5	32400	20600	3.42	2.36	8.2	CX34-44/48C	EL195UH090XE48C	9038939
TPA036S4 (460V)	36000	14	11.5	32400	20800	3.44	2.4	8.2	CX34-44/48C	EL195UH110XE60C	9038940
TPA036S4 (460V)	36000	14	11.5	32400	20600	3.42	2.36	8.2	CX34-44/48C	EL296UH090XE48C	9038941
TPA036S4 (460V)	36000	14	11.5	32400	20800	3.42	2.38	8.2	CX34-44/48C	EL296UH090XV36C	9038942
TPA036S4 (460V)	36000	14	11.5	32200	20600	3.4	2.38	8.2	CX34-44/48C	EL296UH090XV48C	9038943
TPA036S4 (460V)	36000	14	11.5	32600	21000	3.44	2.4	8.2	CX34-44/48C	EL296UH090XV60C	9038944
TPA036S4 (460V)	36000	14	11.5	32400	20800	3.44	2.4	8.2	CX34-44/48C	EL296UH110XE60C	9038945
TPA036S4 (460V)	36000	14.2	11.7	32200	20600	3.42	2.38	8.2	CX34-44/48C	EL296UH110XV48C	9038946
TPA036S4 (460V)	36000	14	11.5	32400	20800	3.46	2.4	8.2	CX34-44/48C	EL296UH110XV60C	9038947
TPA036S4 (460V)	36000	14	11	32600	20800	3.5	2.4	8	CX34-44/48C	SL280UH090V60C	9038948
TPA036S4 (460V)	36000	14	11	32600	20800	3.5	2.4	8	CX34-44/48C	SL280UH090XV60C	9038949
TPA036S4 (460V)	36000	14	11	32600	20800	3.44	2.38	8	CX34-44/48C	SL280UH110V60C	9038950
TPA036S4 (460V)	36000	14	11	32600	20800	3.44	2.38	8	CX34-44/48C	SL280UH110XV60C	9038951
TPA036S4 (460V)	36000	14	11.5	32400	20800		2.38	8.2	CX34-44/48C	SLP98UH090XV36C	9038952
TPA036S4 (460V)	36000	14	11.5	32600	20800	3.44	2.38	8.2	CX34-44/48C	SLP98UH090XV48C	9038953
TPA036S4 (460V)	36000	14	11.5	32600	21000		2.4	8.2	CX34-44/48C	SLP98UH090XV60C	9038954
TPA036S4 (460V)	36000	14	11.5	32400	20800		2.4	8.2	CX34-44/48C	SLP98UH110XV60C	9038955
TPA042S4 (208/230V)		14	11.5	39500	26400		2.52	8.2	C33-43B	EL180UH090E48B	9083959
TPA042S4 (208/230V)		14	11.5	39500	26400		2.52	8.2	C33-43B	EL180UH090XE48B	9083960
TPA042S4 (208/230V)		14	11.5	39500	26400			8.2	C33-43C	EL180UH090E60C	9083961
TPA042S4 (208/230V)		14	11.5	39500	26400	3.5	2.56	8.2	C33-43C	EL180UH110E60C	9083962
TPA042S4 (208/230V)		14	11.5	39500	26400	3.5	2.56	8.2	C33-43C	EL180UH110XE60C	9083963
TPA042S4 (208/230V)		14	11.5	39500	26400		2.54	8.2	C33-43C	EL195UH090XE48C	9083964
TPA042S4 (208/230V)		14	11.5	39500	26600		2.56	8.2	C33-43C	EL195UH110XE60C	9083965
TPA042S4 (208/230V)		14	11.5	39500	26400		2.54	8.2	C33-43C	EL296UH090XE48C	9083966
TPA042S4 (208/230V)		14	11.5	39500	26400		2.54	8.2	C33-43C	EL296UH090XV48C	
TPA042S4 (208/230V)		14	11.5		26600				C33-43C	EL296UH090XV60C	
TPA042S4 (208/230V)		14	11.5		26600				C33-43C	EL296UH110XE60C	9083970
TPA042S4 (208/230V)		14	11.5		26400				C33-43C	EL296UH110XV48C	9083971
TPA042S4 (208/230V)		14	11.5		26400				C33-43C	EL296UH110XV60C	9083971
TPA042S4 (208/230V)		14	11.5	1	26400				C33-43C	SL280UH090V60C	9083976
						3.54					9083977
TPA042S4 (208/230V)		14	11.5	39500	26400	3.54	2.56		C33-43C C33-43C	SL280UH090XV60C	
TPA042S4 (208/230V)		14	11.5							SL280UH110V60C	9083978
TPA042S4 (208/230V)		14	11.5	39500	26400	3.5	2.56		C33-43C	SL280UH110XV60C	9083979
TPA042S4 (208/230V)		14	11.5	39500	26400	3.46			C33-43C	SLP98UH090XV48C	9083981
TPA042S4 (208/230V)		14	11.5	40000			2.54		C33-43C	SLP98UH090XV60C	9083982
TPA042S4 (208/230V)		14	11.5	39500	26400		2.54		C33-43C	SLP98UH110XV60C	9083983
TPA042S4 (208/230V)		14.5	12	39000		3.7	2.64		CBX25UHV-042	El 4001 !! 1000 = : : : :	9084006
TPA042S4 (208/230V)		14	11.5	39500			2.52		CX34-43B	EL180UH090E48B	9084031
TPA042S4 (208/230V)		14	11.5	39500		3.44			CX34-43B	EL180UH090XE48B	9084032
TPA042S4 (208/230V)	42000	14	11.5	39500	26400	3.52	2.56	8.2	CX34-43C	EL180UH090E60C	9084035

- 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 47°F db/15°F wb outdoor air temperature and 70°F db entering indoor coil air.

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

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

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

AHRI SYSTEM MATCHES											
Model No.	Cooling Capacity	SEER	EER	Heat C High	apacity Low	1	Low	HSPF (IV)	Coil or Air Handler	Furnace	AHRI Reference
TPA042S4 (208/230V)	42000	14	11.5	39500	26400	3.5	2.56	8.2	CX34-43C	EL180UH110E60C	9084036
TPA042S4 (208/230V)	42000	14	11.5	39500	26400	3.5	2.56	8.2	CX34-43C	EL180UH110XE60C	9084037
TPA042S4 (208/230V)	42000	14	11.5	39500	26400	3.46	2.54	8.2	CX34-43C	EL195UH090XE48C	9084038
TPA042S4 (208/230V)		14	11.5	39500	26600	3.48	2.56	8.2	CX34-43C	EL195UH110XE60C	9084039
TPA042S4 (208/230V)		14	11.5	39500	26400	3.46	2.54	8.2	CX34-43C	EL296UH090XE48C	9084040
TPA042S4 (208/230V)		14	11.5	39500	26400	3.46	2.54	8.2	CX34-43C	EL296UH090XV48C	9084042
TPA042S4 (208/230V)		14	11.5	40000	26600	3.52	2.54	8.2	CX34-43C	EL296UH090XV60C	9084043
TPA042S4 (208/230V)		14	11.5	39500	26600		2.56	8.2	CX34-43C	EL296UH110XE60C	9084044
TPA042S4 (208/230V)		14	11.5	39500	26400		2.54	8.2	CX34-43C	EL296UH110XV48C	9084045
TPA042S4 (208/230V)		14	11.5	39500	26400		2.54	8.2	CX34-43C	EL296UH110XV60C	9084046
TPA042S4 (208/230V)		14	11.5	39500	26400			8.2	CX34-43C	SL280UH090V60C	9084047
TPA042S4 (208/230V)		14	11.5	39500	26400	3.52	2.56	8.2	CX34-43C	SL280UH090XV60C	9084048
TPA042S4 (208/230V)		14	11.5	39500	26400	3.5	2.56		CX34-43C	SL280UH110V60C	9084049
TPA042S4 (208/230V)		14	11.5	39500	26400	3.5		8.2	CX34-43C	SL280UH110XV60C	9084050
TPA042S4 (208/230V)		14	11.5		26400		2.52		CX34-43C	SLP98UH090XV48C	
TPA042S4 (208/230V)		14	11.5	40000	26600		2.54		CX34-43C		
TPA042S4 (208/230V)		14	11.5	39500	26400		2.54		CX34-43C	SLP98UH110XV60C	9084054
TPA042S4 (460V)	42000	14	11.5	39500	26400		2.52	8.2	C33-43B	EL180UH090E48B	9084074
TPA042S4 (460V)	42000	14	11.5	39500	26400		2.52		C33-43B	EL180UH090XE48B	9084075
TPA042S4 (460V)	42000	14	11.5	39500	26400		2.56	8.2	C33-43C	EL180UH090E60C	9084076
TPA042S4 (460V)	42000	14	11.5	39500	26400	3.5	2.56		C33-43C	EL180UH110E60C	9084077
TPA042S4 (460V)	42000	14	11.5	39500	26400	3.5	2.56	8.2	C33-43C	EL180UH110XE60C	9084077
TPA042S4 (460V)	42000	14	11.5	39500	26400		2.54		C33-43C	EL195UH090XE48C	9084078
, ,		14			26600	3.48		8.2	C33-43C		9084079
TPA042S4 (460V)	42000		11.5	39500						EL195UH110XE60C	
TPA042S4 (460V)	42000	14	11.5	39500	26400				C33-43C	EL296UH090XE48C	9084081
TPA042S4 (460V)	42000	14	11.5	39500	26400		2.54	8.2	C33-43C	EL296UH090XV48C	9084083
TPA042S4 (460V)	42000	14	11.5	40000	26600			8.2	C33-43C	EL296UH090XV60C	9084084
TPA042S4 (460V)	42000	14	11.5	39500	26600		2.56	8.2	C33-43C	EL296UH110XE60C	9084085
TPA042S4 (460V)	42000	14	11.5	39500	26400		2.54		C33-43C	EL296UH110XV48C	9084086
TPA042S4 (460V)	42000	14	11.5	39500	26400		2.54	8.2	C33-43C	EL296UH110XV60C	9084087
TPA042S4 (460V)	42000	14	11.5	39500	26400			8.2	C33-43C	SL280UH090V60C	9084091
TPA042S4 (460V)	42000	14	11.5	39500	26400		2.58		C33-43C	SL280UH090XV60C	9084092
TPA042S4 (460V)	42000	14	11.5			3.5	2.56		C33-43C	SL280UH110V60C	9084093
TPA042S4 (460V)	42000	14	11.5		26400	3.5	2.56		C33-43C		
TPA042S4 (460V)	42000	14	11.5	39500		3.46			C33-43C	SLP98UH090XV48C	
TPA042S4 (460V)	42000	14	11.5	40000			2.54		C33-43C	SLP98UH090XV60C	
TPA042S4 (460V)	42000	14	11.5	39500		3.48			C33-43C	SLP98UH110XV60C	
TPA042S4 (460V)	42000	14.5	12	39000		3.7	2.64		CBX25UHV-042		9084121
TPA042S4 (460V)	42000	14	11.5	39500		3.44			CX34-43B	EL180UH090E48B	9084146
TPA042S4 (460V)	42000	14	11.5	39500			2.52		CX34-43B	EL180UH090XE48B	9084147
TPA042S4 (460V)	42000	14	11.5	39500			2.56	1	CX34-43C	EL180UH090E60C	9084150
TPA042S4 (460V)	42000	14	11.5	39500		3.5	2.56		CX34-43C	EL180UH110E60C	9084151
TPA042S4 (460V)	42000	14	11.5	39500			2.56	1	CX34-43C	EL180UH110XE60C	9084152
TPA042S4 (460V)	42000	14	11.5	39500	26400		2.54		CX34-43C	EL195UH090XE48C	9084153
TPA042S4 (460V)	42000	14	11.5	39500	26600	3.48	2.56	8.2	CX34-43C	EL195UH110XE60C	9084154
TPA042S4 (460V)	42000	14	11.5	39500	26400	3.46	2.54	8.2	CX34-43C	EL296UH090XE48C	9084155
TPA042S4 (460V)	42000	14	11.5	39500	26400	3.46	2.54	8.2	CX34-43C	EL296UH090XV48C	9084157
TPA042S4 (460V)	42000	14	11.5	40000	26600	3.52	2.54	8.2	CX34-43C	EL296UH090XV60C	9084158

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

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

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

All ratings include the use of a blower time delay relay (TDR). All Lennox variable-speed Furnaces and Air Handlers have time delay capabilities. Other Furnaces and Air Handlers may require an optional time delay relay (58M81) for field installation. See furnace or air handler specifications to determine if relay is needed. Also see TXV Substitution Table at the beginning of the Heat Pump AHRI System Matches section.

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

AHRI SYSTEM MATCHES											
Model No.	odel No. Cooling Capacity SEER	EER	Heat Capacity High Low		Heat COP High Low		HSPF	Coil or Air Handler	Furnace	AHRI Reference	
TDA04204 (460V)	42000	14	11.5			3.48	2.56	-	CX34-43C		9084159
TPA042S4 (460V)	42000	14	11.5	39500	26600	3.40	2.50	0.2	CX34-43C	EL296UH110XE60C	9004159
TPA042S4 (460V)	42000	14	11.5	39500	26400	3.48	2.54	8.2	CX34-43C	EL296UH110XV48C	9084160
TPA042S4 (460V)	42000	14	11.5	39500	26400	3.48	2.54	8.2	CX34-43C	EL296UH110XV60C	9084161
TPA042S4 (460V)	42000	14	11.5	39500	26400	3.52	2.56	8.2	CX34-43C	SL280UH090V60C	9084162
TPA042S4 (460V)	42000	14	11.5	39500	26400	3.52	2.56	8.2	CX34-43C	SL280UH090XV60C	9084163
TPA042S4 (460V)	42000	14	11.5	39500	26400	3.5	2.56	8.2	CX34-43C	SL280UH110V60C	9084164
TPA042S4 (460V)	42000	14	11.5	39500	26400	3.5	2.56	8.2	CX34-43C	SL280UH110XV60C	9084165
TPA042S4 (460V)	42000	14	11.5	39500	26400	3.46	2.52	8.2	CX34-43C	SLP98UH090XV48C	9084167
TPA042S4 (460V)	42000	14	11.5	40000	26600	3.52	2.54	8.2	CX34-43C	SLP98UH090XV60C	9084168
TPA042S4 (460V)	42000	14	11.5	39500	26400	3.48	2.54	8.2	CX34-43C	SLP98UH110XV60C	9084169
TPA048S4 (208/230V)	48000	14	12	44000	29200	3.56	2.56	8	CBX25UHV-048		9038353
TPA048S4 (460V)	48000	14	12	44000	29200	3.56	2.56	8	CBX25UHV-048		9038472

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 (order separately).

REVISIONS	
Sections	Description of Change
AHRI System Matches	Updated.







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