13HPD

MERIT® SERIES

R-22

ENGINEERING DATA

Bulletin No. 210428
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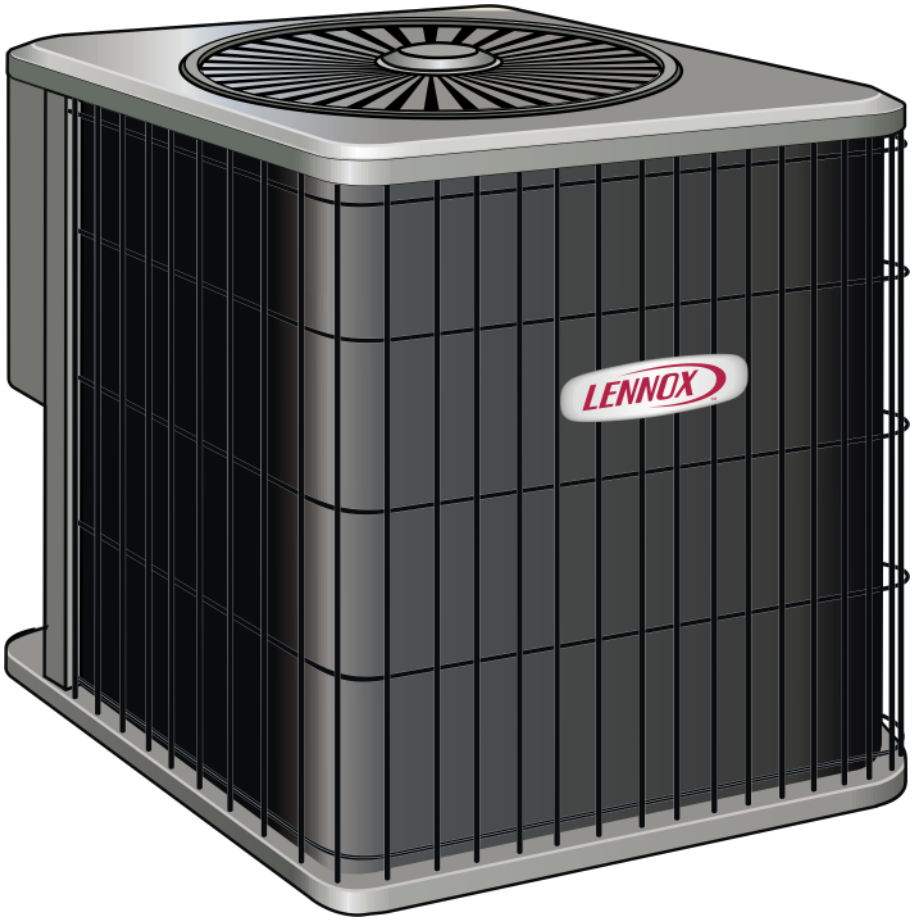
Supersedes November 2007



SEER up to 14.5
1.5 to 5 Tons
Cooling Capacity - 18,500 to 58,000 Btuh
Heating Capacity - 16,700 to 55,500 Btuh

MODEL NUMBER IDENTIFICATION

13 HP D - 024 - 230 - 2

Nominal SEER

Unit Type
HP = Heat Pump Outdoor Unit

Series

Nominal Cooling Capacity
018 = 1.5 tons
024 = 2 tons
030 = 2.5 tons
036 = 3 tons
042 = 3.5 tons
048 = 4 tons
060 = 5 tons

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

Minor Revision Number

FEATURES

CONTENTS

WARRANTY

Compressor - limited warranty for **five 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.

APPROVALS

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

Sound rated in Lennox reverberant sound test room in Accordance with test conditions included in ARI Standard 270-95.

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 UL and ULC listed.

ISO 9001 Registered Manufacturing Quality System.

APPLICATIONS

SEER up to 14.5.

Heating COP up to 3.94.

HSPF (Region IV) up to 8.50.

1.5 through 5 tons.

Single phase power supply.

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.

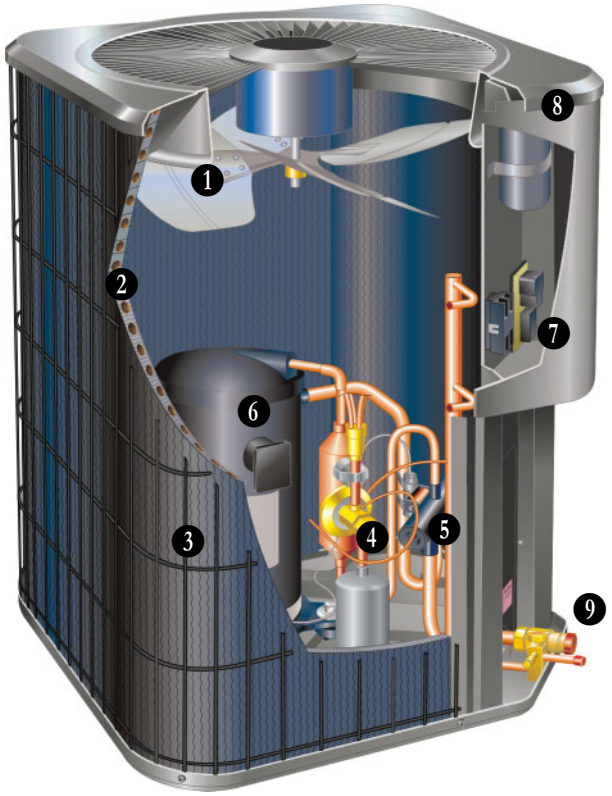
When heat pumps are used with gas furnaces, a dual-fuel control (i.e. FM21) or a control system with dual-fuel capabilities (i.e. Harmony III™, LZP-2 or LZP-4) must be used (ordered extra).

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.lennoxdavenet.com**.



REFRIGERANT SYSTEM

1 Outdoor Coil Fan

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

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.

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 PVC coated steel wire coil guard furnished as standard.

REFRIGERANT SYSTEM (CONTINUED)

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.

5 Reversing Valve

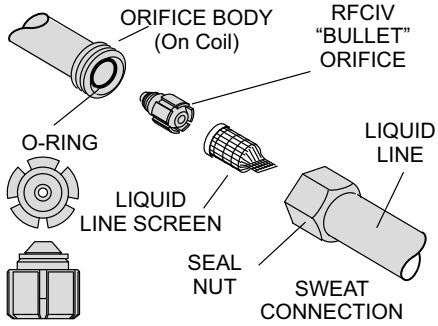
4-way interchange reversing valve effects a rapid change in direction of refrigerant flow resulting in quick changeover from cooling to heating and vice versa.

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

Refrigerant Flow Control

Units applicable to expansion valve systems or RFC systems when matched with specific evaporator coils.

RFCIV METERING SYSTEM



RFCIV:

Accurately meters refrigerant in system.

Refrigerant control is accomplished by exact sizing of refrigerant metering orifice.

The principle involves matching indoor coil with proper bore size of orifice in metering device.

Equalizes pressure shortly after compressor stops, unit starts unloaded, eliminating need for additional controls.

Furnished with air handler.

OPTIONS

Check/Expansion Valve Kits

Must be ordered extra and field installed on certain indoor units.

See ARI Ratings tables.

Chatleff-style fitting.

High Pressure Switch Kit

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

Manual reset.

Loss of Charge Kit

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

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

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 and must be field fabricated.

6 COMPRESSOR

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 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.

OPTIONS

Compressor Crankcase Heater

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.

FEATURES

CONTROLS

7 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.

OPTIONS

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 ARI Rating Tables for usage.

Low Ambient Kit

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

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

Crankcase heater and freezestat should be installed on compressors equipped with a low ambient kit.

A compressor lock-out thermostat should be added to terminate compressor operation below recommended operation conditions.

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.

8 CABINET

Heavy gauge steel cabinet with five station metal wash process.

Powder paint finish provides superior rust and corrosion protection.

Painted base section.

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.

9 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.

OPTIONS

Hail Guards

Constructed of louvered heavy gauge steel painted to match cabinet.

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

Mounting Base

Provides permanent foundation for outdoor units.

High density polyethylene structural material is lightweight, sturdy, sound absorbing and will withstand the rigors of the sun, heat, cold, moisture, oil and refrigerant. Will not mildew or rot.

Can be shipped singly or in packages of 6 to a carton.

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.

SPECIFICATIONS

General Data		Model No.	13HPD-018	13HPD-024	13HPD-030	13HPD-036	13HPD-042	13HPD-048	13HPD-060
		Nominal Tonnage	1.5	2	2.5	3	3.5	4	5
[1] Sound Rating Number			76	76	76	76	80	80	80
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	7/8	7/8	7/8	1-1/8
[2] Refrigerant		R-22 charge furnished	6 lbs. 6 oz.	6 lbs. 3 oz.	8 lbs. 4 oz.	8 lbs. 10 oz.	10 lbs. 6 oz.	11 lbs. 12 oz.	14 lbs. 0oz.
Outdoor Coil	Net face area sq. ft.	Outer coil	15.21	15.21	13.30	15.21	18.66	21.11	24.94
		Inner coil	- - -	- - -	12.60	14.50	17.95	20.31	24.13
	Tube diameter - in.	no. of rows	5/16	5/16	5/16	5/16	5/16	5/16	5/16
		No. of rows	1	1	2	2	2	2	2
		Fins per inch	222	22	22	22	22	22	22
Outdoor Fan	Dia. - in. - No. of Blades		18 - 3	18 - 3	18 - 4	18 - 4	22 - 4	22 - 4	26 - 4
		Motor hp	1/5	1/5	1/5	1/5	1/3	1/3	1/3
		Cfm	2400	2400	2440	2450	3890	3890	4550
		Rpm	1130	1130	1095	1100	1080	1085	830
		Watts	166	166	194	190	400	375	307
Shipping Data - lbs. 1 package			136	150	170	178	210	248	284

ELECTRICAL DATA

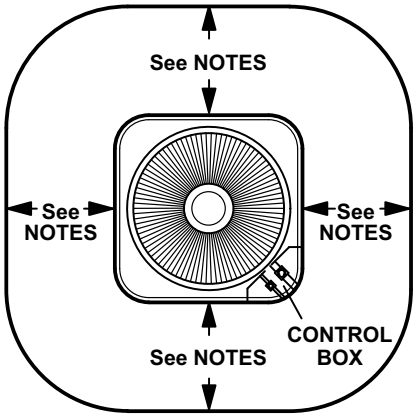
Line voltage data - 60 hz - 1ph			208/230V	208/230V	208/230V	208/230V	208/230V	208/230V	208/230V
[3] Maximum overcurrent protection (amps)			20	20	30	30	40	45	60
[4] Minimum circuit ampacity			12.3	14.0	18	19.4	22.9	25.7	34.3
Compressor		Rated Load Amps	8.9	10.3	13.5	14.7	17	19.2	26.0
		Locked Rotor Amps	41	56	72.5	83	95	129	148
		Power Factor	0.98	0.96	0.96	0.96	0.95	0.96	0.96
Outdoor Fan Motor		Full Load Amps	1.1	1.1	1.1	1.1	1.7	1.7	1.8
		Locked Rotor Amps	1.9	1.9	1.9	1.9	4.1	4.1	2.9

OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA

Compressor Crankcase Heater		93M05	•	•	•	•	•	•	•
Compressor Hard Start Kit		10J42	•	•	•	•	•		
		81J69						•	•
Compressor Low Ambient Cut-Off		45F08	•	•	•	•	•	•	•
Compressor Sound Cover		69J03	•	•	•	•	•	•	•
Freezestat	3/8 in. tubing	93G35	•	•	•	•	•	•	•
	1/2 in. tubing	39H29	•	•	•	•	•	•	•
	5/8 in. tubing	50A93	•	•	•	•	•	•	•
Hail Guards		92M89	•	•		•			
		92M88			•				
		12W21					•		
		92M90						•	
		27W36							•
High Pressure Switch Kit		94J46	•	•	•	•	•	•	•
Indoor Blower Off Delay Relay		58M81	•	•	•	•	•	•	•
Loss of Charge Kit		84M23	•	•	•	•	•	•	•
[5] Low Ambient Kit		27J00	•	•	•	•	•	•	•
Mild Weather Kit		33M07	•	•	•	•	•	•	•
Monitor Kit - Service Light		76F53	•	•	•	•	•	•	•
Mounting Base		69J06	•	•	•	•			
		69J07					•	•	•
Outdoor Thermostat Kit	Thermostat	56A87	•	•	•	•	•	•	•
	Mtg. Box - US	31461	•	•	•	•	•	•	•
	Mtg. Box - Cdn	33A09	•	•	•	•	•	•	•
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							•
Unit Stand-Off Kit		94J45	•	•	•	•	•	•	•

NOTE - Extremes of operating range are plus 10% and minus 5% of line voltage.
[1] Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.
[2] Refrigerant charge sufficient for 15 ft. length of refrigerant lines.
[3] HACR type circuit breaker or fuse.
[4] Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.
[5] Crankcase Heater and Freezestat are recommended with Low Ambient Kit.

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.

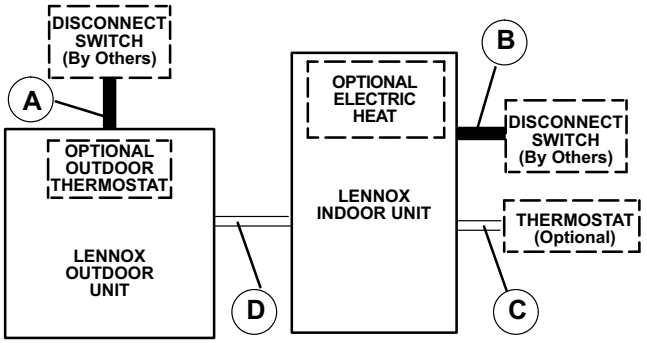
Clearance to one of the other three sides must be 36 in. (914 mm)

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. (610 mm) must be maintained between two units.

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

FIELD WIRING



A — Two Wire Power (see Electrical Data)

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

C — Twelve Wire Low Voltage — 18 ga. minimum

— Fourteen Wire Low Voltage with Optional Outdoor Thermostat

D — Eight Wire Low Voltage — 18 ga. minimum

— Ten Wire Low Voltage with Optional Outdoor Thermostat

— Field Wiring Not Furnished —

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

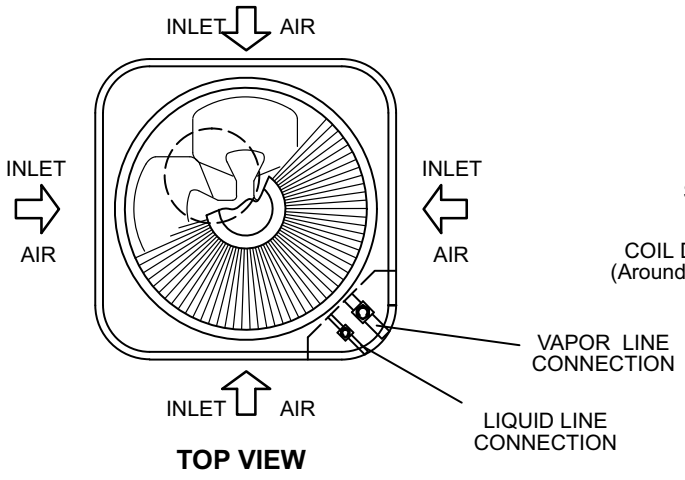
OUTDOOR SOUND DATA

[1] Unit Model No.	Octave Band Sound Power Levels dBA, re 10^{-12} Watts Center Frequency - HZ							[1] Sound Rating Number (dB)
	125	250	500	1000	2000	4000	8000	
13HPD-018	70.5	67	68	67	65.5	60.5	57.5	76
13HPD-024	67.5	66.5	69.5	70	66.5	60.5	56	76
13HPD-030	70.5	69.5	71.5	72.5	67.5	63.5	60	76
13HPD-036	69.5	70.5	71.5	69.5	68.5	62.5	60.5	76
13HPD-042	75.5	79.5	79.5	75.5	70	63.5	58.5	80
13HPD-048	75.5	74.5	75	73.5	70	66.5	63.5	80
13HPD-060	76	76.5	76.5	74.5	69.5	66	61.5	80

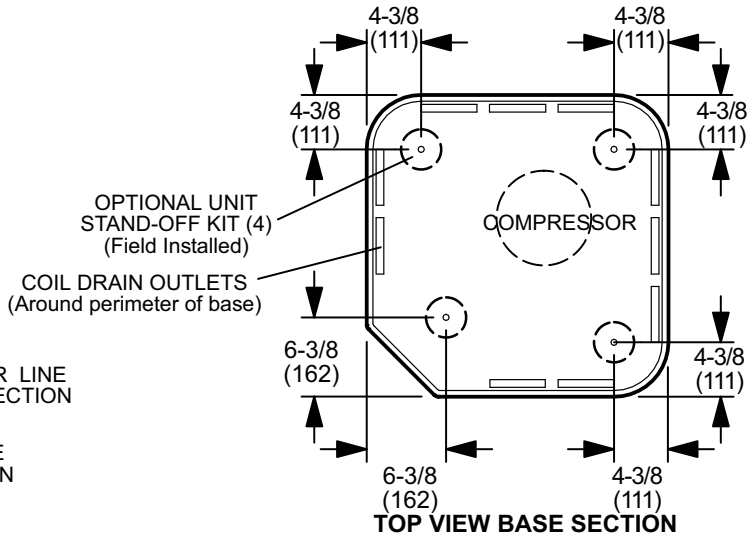
NOTE - the octave sound power data does not include tonal correction.

[1] Tested according to ARI Standard 270 test conditions.

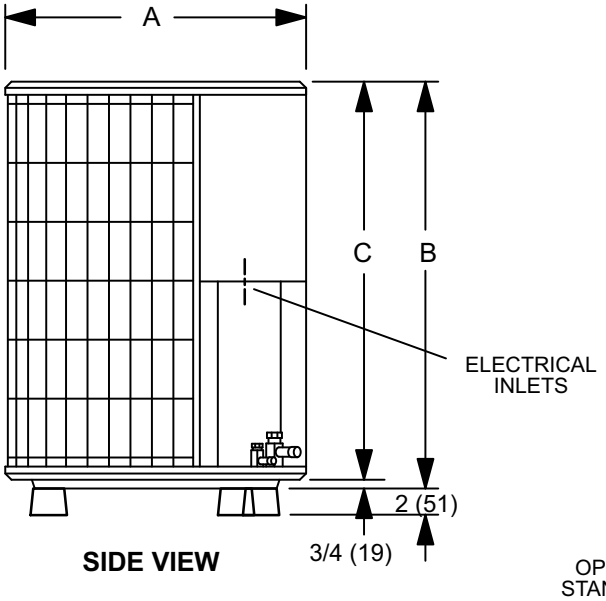
DIMENSIONS - INCHES (MM)



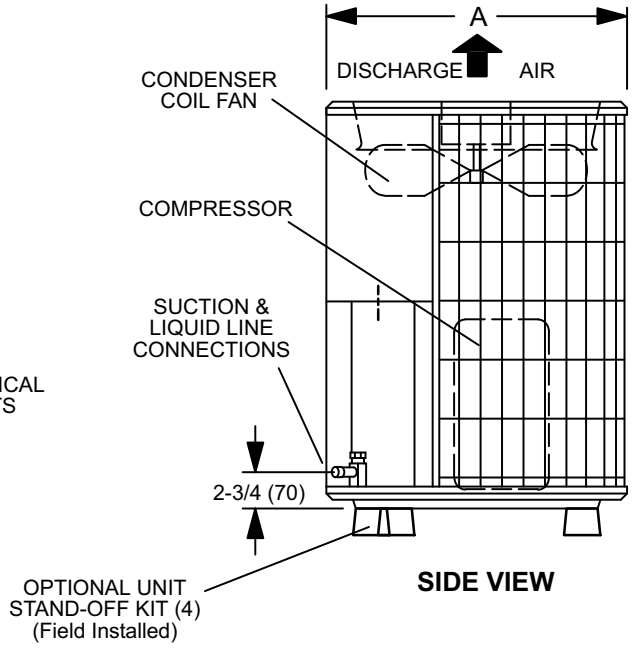
TOP VIEW



TOP VIEW BASE SECTION



SIDE VIEW



SIDE VIEW

Model No.	A		B		C	
	in.	mm	in.	mm	in.	mm
13HPD-018 13HPD-024 13HPD-036	24-1/4	616	33-1/4	845	32-1/2	826
13HPD-030	24-1/4	616	29-1/4	743	28-1/2	724
13HPD-042	28-1/4	718	33-1/4	845	32-1/2	826
13HPD-048	28-1/4	718	37	940	36-1/4	921
13HPD-060	32-1/4	819	37	940	36-1/4	921

ARI RATINGS - INDOOR COIL / AIR HANDLER SUBSTITUTION

Substituting Coils in the ARI Tables

Most R-22 and R-410A indoor coils and air handlers are the same except for the factory installed expansion device. C33 coils can be used in place of the CX34 coils, CB26UH, CB27UH, and CB30M air handlers can be used in place of the CBX26UH, CBX27UH, and CBX32M, respectively.

The expansion device is based on the size of the outdoor unit. The factory installed RFC or TXV on the CX34/CBX26UH/CBX27UH/CBX32MV/CBX32M must be replaced to correspond to the outdoor unit. The correct TXV's are:

1.5-3 ton heat pump units	**56J19**
3.5-5 ton heat pump units	**56J20**

Example:

A four-ton heat pump is being installed. The ARI table shows that CBX32M-048 is a matching air handler. A CB30M-51 with a 91M02 TXV can be used in its place.

UP-FLOW COILS

R-410A		R-22
CX34-18/24A-6F	=	C33-24A-2
CX34-18/24B-6F	=	C33-24B-2
CX34-18/24C-6F	=	C33-24C-2
CX34-19A-6F	=	C33-19A-2
CX34-25A-6F	=	C33-25A-2
CX34-25B-6F	=	C33-25B-2
CX34-30A-6F	=	C33-30A-2
CX34-30B-6F	=	C33-30B-2
CX34-30C-6F	=	C33-30C-2
CX34-31A-6F	=	C33-31A-2
CX34-31B-6F	=	C33-31B-2
CX34-36A-6F	=	C33-36A-2
CX34-36B-6F	=	C33-36B-2
CX34-36C-6F	=	C33-36C-2
CX34-38A-6F	=	C33-38A-2
CX34-38B-6F	=	C33-38B-2
CX34-42B-6F	=	C33-42B-2
CX34-43B-6F	=	C33-43B-2
CX34-43C-6F	=	C33-43C-2
no equivalent		C33-44C-2
CX34-44/48B-6F	=	C33-48B-2
CX34-44/48C-6F	=	C33-48C-2
CX34-49C-6F	=	C33-49C-2
CX34-50/60C-6F	=	C33-50/60C-2
CX34-60D-6F	=	C33-60D-2
CX34-62C-6F	=	C33-62C-2
CX34-62D-6F	=	C33-62D-2

AIR HANDLERS

R-410A		R-22
CBX26UH-018	=	CB26UH-018-R
CBX26UH-024	=	CB26UH-024-R
CBX26UH-030	=	CB26UH-030-R
CBX26UH-036	=	CB26UH-036-R
CBX26UH-042	=	CB26UH-042-R
CBX26UH-048	=	CB26UH-048
CBX26UH-060	=	CB26UH-060-R
CBX27UH-018/024	=	CB27UH-018/024
CBX27UH-030	=	CB27UH-030
CBX27UH-036	=	CB27UH-036
CBX27UH-042	=	CB27UH-042
CBX27UH-048	=	CB27UH-048
CBX27UH-060	=	CB27UH-060
CBX32M-018/024	=	CB30M-21/26
CBX32M-030	=	CB30M-31
CBX32M-036	=	CB30M-41
CBX32M-042	=	CB30M-46
CBX32M-048	=	CB30M-51
CBX32M-060	=	CB30M-65
CBX32MV-all		no equivalent

ARI RATINGS

[1] ARI Standard 210/240 Ratings													
Capacity - Btuh			Efficiency				Total Watts			COP		Indoor Unit Model No.	Expansion Device
Cooling	High Temp. Heating	Low Temp. Heating	SEER	EER	HSPF IV	HSPF V	Cool	High Heat	Low Heat	High Heat	Low Heat		
13HPD-018													**1.5 TON**
Air Handlers												**Air Handlers**	
18,000	16,800	10,600	13.00	11.50	7.70	6.90	1565	1425	1310	3.46	2.36	CB26UH-018-R (Up-Flow/Horizontal)	Factory RFC (0.061)
18,500	16,800	10,600	13.00	11.50	7.70	6.90	1570	1425	1310	3.46	2.36	CB26UH-024-R (Up-Flow/Horizontal)	[2] **56J19**
18,600	16,700	10,600	13.00	11.50	7.70	6.95	1555	1405	1295	3.48	2.40	[5] CB26UH-018-R (Up-Flow/Horizontal)	[2] **56J19**
18,600	17,400	12,100	13.00	11.50	7.70	6.70	1580	1445	1340	3.52	2.64	[3] CB30M-21/26 (Multi-Position)	Factory TXV
13HPD-024													**2 TON**
Air Handlers												**Air Handlers**	
24,000	22,000	13,900	13.00	11.50	7.70	7.05	2085	1825	1715	3.54	2.38	CB26UH-024-R (Up-Flow/Horizontal)	Factory RFC (0.061)
24,200	22,000	14,000	13.00	11.00	7.70	6.90	2170	1880	1775	3.42	2.30	[3] CB30M-21/26 (Multi-Position)	Factory TXV
24,600	22,000	13,900	13.00	11.50	7.70	7.05	2140	1825	1715	3.54	2.38	[5] CB26UH-024-R (Up-Flow / Horizontal)	[2] **56J19**
25,600	22,000	13,800	13.00	11.50	7.70	6.65	2155	1810	1850	3.56	2.18	[3] CB30M-31 (Multi-Position)	Factory TXV
R-22 Up-Flow Indoor Coils + Furnaces												**Up-Flow Coils + Furnaces**	
24,000	21,400	13,500	13.50	11.50	7.70	6.75	2030	1875	1735	3.34	2.28	C33-24B [4] G60UHV-36B-090	[2] **56J19**
24,000	21,600	13,600	13.00	11.50	7.70	7.05	2050	1800	1670	3.52	2.38	C33-30A [4] G60UHV-36A-070	[2] **56J19**
24,000	21,600	13,600	13.50	11.50	7.70	7.10	2020	1775	1645	3.56	2.42	C33-30B [4] G60UHV-36B-090	[2] **56J19**
24,000	21,600	13,700	13.00	11.50	7.70	7.05	2060	1800	1680	3.52	2.38	C33-30B [4] G61MPV-36B-045	[2] **56J19**
24,000	21,600	13,600	13.00	11.50	7.70	7.05	2050	1800	1670	3.52	2.38	C33-30B [4] G61MPV-36B-070	[2] **56J19**
24,000	21,600	13,600	13.00	11.50	7.70	7.05	2050	1800	1670	3.52	2.38	C33-30B [4] G71MPP-36B-070	[2] **56J19**
Down-Flow Indoor Coils + Furnaces												**Down-Flow Coils + Furnaces**	
24,400	21,800	13,800	13.00	11.50	7.70	7.15	2090	1790	1665	3.56	2.42	CR33-24B-F [4] G61MPV-36B-045	[2] **56J19**
24,400	21,800	13,700	13.00	11.50	7.70	7.15	2080	1785	1660	3.58	2.42	CR33-24B-F [4] G61MPV-36B-070	[2] **56J19**
24,400	21,800	13,700	13.00	11.50	7.70	7.15	2080	1785	1660	3.58	2.42	CR33-24B-F [4] G71MPP-36B-070	[2] **56J19**
24,600	21,800	13,800	13.00	11.50	7.70	7.20	2090	1775	1655	3.60	2.44	CR33-24A-F [4] G60DFV-36A-070	[2] **56J19**
Horizontal Indoor Coils + Furnaces												**Horizontal Coils + Furnaces**	
23,000	21,600	13,600	13.00	11.00	7.70	6.80	2035	1885	1725	3.36	2.30	CH23-21 [4] G60UHV-36B-090	[2] **56J19**
23,200	21,400	13,600	13.00	11.00	7.70	7.00	2035	1830	1685	3.42	2.36	CH23-31 [4] G60UHV-36B-090	[2] **56J19**
24,200	21,600	13,600	13.00	11.50	7.70	6.80	2075	1870	1740	3.38	2.28	CH33-24/30A-2F [4] G60UHV-36A-070	[2] **56J19**
13HPD-030													**2.5 TON**
Air Handlers												**Air Handlers**	
30,800	28,600	17,800	13.00	11.00	7.70	6.65	2690	2435	2405	3.44	2.16	[3] CB30M-31 (Multi-Position)	Factory TXV
31,000	28,600	17,900	13.00	11.00	7.70	7.10	2820	2405	2180	3.48	2.40	CB26UH-030-R (Up-Flow/Horizontal)	Factory RFC (0.072)
31,000	28,600	17,900	13.00	11.00	7.70	7.10	2710	2405	2180	3.48	2.40	[5] CB26UH-030-R (Up-Flow / Horizontal)	[2] **56J19**
31,200	28,200	17,500	13.50	12.00	7.70	6.70	2600	2350	2320	3.52	2.20	[4] CB27UH-030 (Up-Flow / Horizontal)	Factory TXV
31,200	28,200	17,400	13.50	12.00	7.70	6.70	2600	2335	2300	3.54	2.22	[4] CB27UH-036 (Up-Flow / Horizontal)	Factory TXV

NOTE - These are the only approved system match-ups. For other matches, contact the Lennox Applications Department.
NOTE - Ratings for C33 coils include all cased and uncased coils.
NOTE - When used with gas furnaces, a dual-fuel control (i.e. FM21) or a control system with dual-fuel capabilities (i.e. Harmony III, LZP-2 or LZP-4) must be used (ordered extra).

1 Certified in accordance with USE certification program which is based on ARI Standard 210/240 with 25 ft. (7.6 m) of connecting refrigerant lines;
Cooling Ratings - 95°F (35°C) outdoor air temperature and 80°F (27°C) db/67°F (19°C) wb entering indoor coil air.
High Temperature Heating Ratings - 47°F (8°C) db/43°F (6°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
Low Temperature Heating Ratings - 17°F (-8.3°C) db/15°F (-9.4°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.

2 **Factory installed expansion valve or RFC on indoor unit MUST be replaced with valve specified (if equipped).**

3 Blower must be capable of time-off blower delay. Indoor Blower Off Delay Relay (**58M81**) is recommend for field installation.

4 Blower control must be set for a time-off blower delay.

5 Most popular air handler combination.

ARI RATINGS

[1] ARI Standard 210/240 Ratings													
Capacity - Btuh			Efficiency				Total Watts			COP		Indoor Unit Model No.		Expansion Device
Cooling	High Temp. Heating	Low Temp. Heating	SEER	EER	HSPF IV	HSPF V	Cool	High Heat	Low Heat	High Heat	Low Heat			
13HPD-030														**2.5 TON**
Up-Flow Indoor Coils + Furnaces												**Up-Flow Coils + Furnaces**		
30,400	28,200	17,600	13.00	11.50	7.70	6.70	2630	2480	2300	3.34	2.24	C33-36A	[4] G60UHV-36A-070	[2] **56J19**
30,600	28,000	17,400	13.50	11.50	7.70	6.80	2575	2420	2240	3.40	2.28	C33-36B	[4] G60UHV-36B-090	[2] **56J19**
30,600	28,400	17,700	13.00	11.50	7.70	6.75	2650	2470	2295	3.36	2.26	C33-36B	[4] G61MPV-36B-045	[2] **56J19**
30,600	28,200	17,600	13.00	11.50	7.70	6.75	2620	2465	2285	3.36	2.26	C33-36B	[4] G61MPV-36B-070	[2] **56J19**
30,600	28,200	17,600	13.00	11.50	7.70	6.75	2620	2465	2285	3.36	2.26	C33-36B	[4] G71MPP-36B-070	[2] **56J19**
30,600	28,000	17,400	13.50	11.50	7.70	6.75	2590	2435	2250	3.38	2.26	C33-36C	[4] G61MPV-36C-090	[2] **56J19**
30,600	28,000	17,400	13.50	11.50	7.70	6.75	2590	2435	2250	3.38	2.26	C33-36C	[4] G71MPP-36C-090	[2] **56J19**
Down-Flow Indoor Coils + Furnaces												**Down-Flow Coils + Furnaces**		
30,800	28,600	17,800	13.00	11.50	7.70	7.20	2660	2340	2120	3.58	2.46	CR33-30/36A-F	[4] G60DFV-36A-070	[2] **56J19**
30,400	28,400	17,800	13.00	11.00	7.70	7.15	2655	2395	2145	3.48	2.42	CR33-24B-F	[4] G60DFV-36B-090	[2] **56J19**
30,800	28,600	17,800	13.00	11.50	7.70	7.20	2665	2350	2130	3.56	2.44	CR33-30/36B-F	[4] G61MPV-36B-070	[2] **56J19**
30,800	28,600	17,800	13.00	11.50	7.70	7.20	2665	2350	2130	3.56	2.44	CR33-30/36B-F	[4] G71MPP-36B-070	[2] **56J19**
31,000	28,600	17,900	13.00	11.50	7.70	7.20	2700	2365	2150	3.54	2.44	CR33-30/36B-F	[4] G61MPV-36B-045	[2] **56J19**
31,000	28,400	17,700	13.00	11.50	7.70	7.25	2635	2320	2100	3.58	2.46	CR33-30/36C-F	[4] G61MPV-36C-090	[2] **56J19**
31,000	28,400	17,700	13.00	11.50	7.70	7.25	2635	2320	2100	3.58	2.46	CR33-30/36C-F	[4] G71MPP-36C-090	[2] **56J19**
31,200	28,400	17,700	13.50	11.50	7.70	7.25	2630	2295	2085	3.62	2.48	CR33-30/36B-F	[4] G60DFV-36B-090	[2] **56J19**
Horizontal Indoor Coils + Furnaces												**Horizontal Coils + Furnaces**		
30,200	28,200	17,700	13.00	11.50	7.70	7.05	2615	2390	2170	3.46	2.38	CH23-41	[4] G60UHV-36B-090	[2] **56J19**
30,400	28,400	17,700	13.00	11.00	7.70	6.70	2660	2500	2320	3.32	2.24	CH33-36B-2F	[4] G61MPV-36B-070	[2] **56J19**
30,400	28,400	17,700	13.00	11.00	7.70	6.70	2660	2500	2320	3.32	2.24	CH33-36B-2F	[4] G71MPP-36B-070	[2] **56J19**
30,600	28,200	17,500	13.00	11.50	7.70	6.75	2620	2460	2280	3.36	2.24	CH33-36B-2F	[4] G60UHV-36B-090	[2] **56J19**
30,800	28,200	17,600	13.00	11.50	7.70	6.70	2635	2430	2325	3.40	2.22	CH33-36C-2F	[4] G61MPV-36C-090	[2] **56J19**
30,800	28,200	17,600	13.00	11.50	7.70	6.70	2635	2430	2325	3.40	2.22	CH33-36C-2F	[4] G71MPP-36C-090	[2] **56J19**
13HPD-036														**3 TON**
Air Handlers												**Air Handlers**		
34,400	33,600	20,800	13.00	11.00	7.70	6.75	3150	2825	2695	3.48	2.26	[3] CB30M-41 (Multi-Position)		Factory TXV
34,600	33,600	20,800	13.00	11.00	7.70	6.80	3130	2790	2670	3.52	2.28	[3] CB30M-46 (Multi-Position)		Factory TXV
34,800	33,200	20,600	13.50	11.00	7.70	6.70	3165	2705	2570	3.60	2.34	[4] CB27UH-036 (Up-Flow / Horizontal)		Factory TXV
35,200	33,800	21,000	13.00	11.00	7.70	7.10	3165	2760	2515	3.58	2.44	[5] CB26UH-036-R (Up-Flow / Horizontal)		[2] **56J19**
35,200	33,800	21,000	13.00	11.00	7.70	7.10	3200	2760	2515	3.58	2.44	CB26UH-36-R (Up-Flow / Horizontal)		Factory RFC (0.074)
36,400	33,000	20,400	14.00	12.00	7.70	6.70	3035	2700	2505	3.58	2.38	[4] CB27UH-042 (Up-Flow / Horizontal)		[2] **56J19**

NOTE - These are the only approved system match-ups. For other matches, contact the Lennox Applications Department.
NOTE - Ratings for C33 coils include all cased and uncased coils.
NOTE - When used with gas furnaces, a dual-fuel control (i.e. FM21) or a control system with dual-fuel capabilities (i.e. Harmony III, LZP-2 or LZP-4) must be used (ordered extra).

[1] Certified in accordance with USE certification program which is based on ARI Standard 210/240 with 25 ft. (7.6 m) of connecting refrigerant lines;
Cooling Ratings - 95°F (35°C) outdoor air temperature and 80°F (27°C) db/67°F (19°C) wb entering indoor coil air.
High Temperature Heating Ratings - 47°F (8°C) db/43°F (6°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
Low Temperature Heating Ratings - 17°F (-8.3°C) db/15°F (-9.4°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.

[2] **Factory installed expansion valve or RFC on indoor unit MUST be replaced with valve specified (if equipped).**

[3] Blower must be capable of time-off blower delay. Indoor Blower Off Delay Relay (**58M81**) is recommend for field installation.

[4] Blower control must be set for a time-off blower delay.

[5] Most popular air handler combination.

ARI RATINGS

[1] ARI Standard 210/240 Ratings												Indoor Unit Model No.		Expansion Device
Capacity - Btuh			Efficiency				Total Watts			COP				
Cooling	High Temp. Heating	Low Temp. Heating	SEER	EER	HSPF IV	HSPF V	Cool	High Heat	Low Heat	High Heat	Low Heat			
13HPD-036														**3 TON**
R-22 Up-Flow Indoor Coils + Furnaces												**Up-Flow Coils + Furnaces**		
34,200	33,200	20,600	13.00	11.00	7.70	6.80	3080	2875	2610	3.38	2.32	C33-36B	[4] G60UHV-36B-090	[2] **56J19**
34,200	33,200	20,600	13.00	11.00	7.70	6.75	3065	2885	2615	3.38	2.30	C33-36C	[4] G61MPV-36C-090	[2] **56J19**
34,200	33,200	20,600	13.00	11.00	7.70	6.75	3065	2885	2615	3.38	2.30	C33-36C	[4] G71MPP-36C-090	[2] **56J19**
34,200	33,200	20,600	13.00	11.00	7.70	6.80	3080	2875	2610	3.38	2.32	C33-42B	[4] G60UHV-36B-090	[2] **56J19**
34,400	33,200	20,800	13.00	11.00	7.70	6.80	3100	2865	2615	3.40	2.32	C33-36C	[4] G61MPV-60C-090	[2] **56J19**
34,400	33,200	20,800	13.00	11.00	7.70	6.80	3100	2865	2615	3.40	2.32	C33-36C	[4] G71MPP-60C-090	[2] **56J19**
34,600	33,200	20,600	13.00	11.00	7.70	6.85	3085	2840	2590	3.42	2.32	C33-36C	[4] G60UHV-60C-110	[2] **56J19**
34,600	33,200	20,800	13.00	11.00	7.70	6.80	3095	2850	2605	3.42	2.34	C33-36C	[4] G61MPV-60C-110	[2] **56J19**
34,600	33,200	20,800	13.00	11.00	7.70	6.80	3095	2850	2605	3.42	2.34	C33-36C	[4] G71MPP-60C-110	[2] **56J19**
Down-Flow Indoor Coils + Furnaces												**Down-Flow Coils + Furnaces**		
34,600	33,400	20,800	13.00	11.00	8.20	7.20	3060	2675	2425	3.66	2.52	CR33-30/36B-F	[4] G60DFV-36B-090	[2] **56J19**
34,600	33,400	20,800	13.00	11.00	8.20	7.20	3075	2695	2435	3.64	2.50	CR33-30/36C-F	[4] G61MPV-36C-090	[2] **56J19**
34,600	33,400	20,800	13.00	11.00	8.20	7.20	3075	2695	2435	3.64	2.50	CR33-30/36C-F	[4] G71MPP-36C-090	[2] **56J19**
34,600	33,200	20,600	13.00	11.00	7.70	7.05	3060	2760	2495	3.52	2.42	CR33-48B-F	[4] G60DFV-36B-090	[2] **56J19**
34,800	33,600	20,800	13.00	11.00	8.20	7.20	3105	2680	2440	3.68	2.50	CR33-30/36C-F	[4] G61MPV-60C-090	[2] **56J19**
34,800	33,600	20,800	13.00	11.00	8.20	7.20	3105	2680	2440	3.68	2.50	CR33-30/36C-F	[4] G71MPP-60C-090	[2] **56J19**
35,000	33,600	20,800	13.00	11.00	8.20	7.25	3100	2665	2430	3.70	2.50	CR33-30/36C-F	[4] G61MPV-60C-110	[2] **56J19**
35,000	33,600	20,800	13.00	11.00	8.20	7.25	3100	2665	2430	3.70	2.50	CR33-30/36C-F	[4] G71MPP-60C-110	[2] **56J19**
Horizontal Indoor Coils + Furnaces												**Horizontal Coils + Furnaces**		
34,000	33,200	20,800	13.00	11.00	7.70	7.00	3075	2785	2510	3.50	2.42	CH23-41	[4] G60UHV-36B-090	[2] **56J19**
34,000	33,200	20,800	13.00	11.00	7.70	7.00	3065	2795	2510	3.48	2.42	CH23-41	[4] G61MPV-36C-090	[2] **56J19**
34,000	33,200	20,800	13.00	11.00	7.70	7.00	3065	2795	2510	3.48	2.42	CH23-41	[4] G71MPP-36C-090	[2] **56J19**
34,400	33,400	20,800	13.00	11.00	7.70	7.05	3090	2765	2505	3.54	2.44	CH23-41	[4] G61MPV-60C-110	[2] **56J19**
34,400	33,400	20,800	13.00	11.00	7.70	7.05	3090	2765	2505	3.54	2.44	CH23-41	[4] G71MPP-60C-110	[2] **56J19**
34,600	33,200	20,600	13.00	11.00	7.70	6.80	3075	2835	2625	3.44	2.30	CH33-36C-2F	[4] G61MPV-36C-090	[2] **56J19**
34,600	33,200	20,600	13.00	11.00	7.70	6.80	3075	2835	2625	3.44	2.30	CH33-36C-2F	[4] G71MPP-36C-090	[2] **56J19**
34,800	33,400	20,800	13.00	11.00	7.70	6.80	3100	2810	2625	3.48	2.32	CH33-36C-2F	[4] G61MPV-60C-090	[2] **56J19**
34,800	33,400	20,800	13.00	11.00	7.70	6.80	3100	2810	2625	3.48	2.32	CH33-36C-2F	[4] G71MPP-60C-090	[2] **56J19**
35,000	33,400	20,800	13.00	11.00	7.70	6.85	3100	2800	2615	3.50	2.32	CH33-36C-2F	[4] G61MPV-60C-110	[2] **56J19**
35,000	33,400	20,800	13.00	11.00	7.70	6.85	3100	2800	2615	3.50	2.32	CH33-36C-2F	[4] G71MPP-60C-110	[2] **56J19**
13HPD-042														**3.5 TON**
Air Handlers												**Air Handlers**		
39,000	37,200	23,400	13.00	11.00	7.70	6.75	3440	3510	3130	3.10	2.18	[3] CB30M-46 (Multi-Position)		Factory TXV
41,500	41,000	26,400	13.00	11.00	8.50	7.45	3775	3780	3275	3.18	2.36	CB26UH-042-R (Up-Flow/Horizontal)		Factory RFC (0.082)
41,500	41,000	26,400	13.00	11.50	8.50	7.45	3500	3780	3275	3.18	2.36	[5] CB26UH-042-R (Up-Flow / Horizontal)		[2] **56J20**

NOTE - These are the only approved system match-ups. For other matches, contact the Lennox Applications Department.
NOTE - Ratings for C33 coils include all cased and uncased coils.
NOTE - When used with gas furnaces, a dual-fuel control (i.e. FM21) or a control system with dual-fuel capabilities (i.e. Harmony III, LZP-2 or LZP-4) must be used (ordered extra).

[1] Certified in accordance with USE certification program which is based on ARI Standard 210/240 with 25 ft. (7.6 m) of connecting refrigerant lines;
Cooling Ratings - 95°F (35°C) outdoor air temperature and 80°F (27°C) db/67°F (19°C) wb entering indoor coil air.
High Temperature Heating Ratings - 47°F (8°C) db/43°F (6°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
Low Temperature Heating Ratings - 17°F (-8.3°C) db/15°F (-9.4°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.

[2] **Factory installed expansion valve or RFC on indoor unit MUST be replaced with valve specified (if equipped).**

[3] Blower must be capable of time-off blower delay. Indoor Blower Off Delay Relay (**58M81**) is recommend for field installation.

[4] Blower control must be set for a time-off blower delay.

[5] Most popular air handler combination.

ARI RATINGS

[1] ARI Standard 210/240 Ratings												Indoor Unit Model No.		Expansion Device
Capacity - Btuh			Efficiency				Total Watts			COP				
Cooling	High Temp. Heating	Low Temp. Heating	SEER	EER	HSPF IV	HSPF V	Cool	High Heat	Low Heat	High Heat	Low Heat			
13HPD-042														**3.5 TON**
Up-Flow Indoor Coils + Furnaces												**Up-Flow Coils + Furnaces**		
40,000	36,400	23,800	14.00	12.00	7.70	7.15	3315	3405	2930	3.14	2.38	C33-48C	[4] G61MPV-60C-110	[2] **56J20**
40,000	36,400	23,800	14.00	12.00	7.70	7.15	3315	3405	2930	3.14	2.38	C33-48C	[4] G71MPP-60C-110	[2] **56J20**
40,000	36,600	23,800	14.00	12.00	7.70	7.10	3325	3380	2950	3.18	2.36	C33-44C	[4] G61MPV-60C-090	[2] **56J20**
40,000	36,600	23,800	14.00	12.00	7.70	7.10	3325	3380	2950	3.18	2.36	C33-44C	[4] G71MPP-60C-090	[2] **56J20**
40,000	36,600	23,800	14.00	12.00	7.70	7.10	3325	3440	2950	3.12	2.36	C33-48B	[4] G60UHV-36B-090	[2] **56J20**
40,000	36,600	23,800	14.00	12.00	7.70	7.10	3330	3430	2950	3.12	2.36	C33-48C	[4] G61MPV-60C-090	[2] **56J20**
40,000	36,600	23,800	14.00	12.00	7.70	7.10	3330	3430	2950	3.12	2.36	C33-48C	[4] G71MPP-60C-090	[2] **56J20**
40,000	36,600	23,600	14.00	12.00	7.70	7.15	3290	3325	2905	3.22	2.38	C33-44C	[4] G60UHV-60C-110	[2] **56J20**
40,000	36,600	23,800	14.00	12.00	7.70	7.15	3310	3355	2930	3.20	2.38	C33-44C	[4] G61MPV-60C-110	[2] **56J20**
40,000	36,600	23,800	14.00	12.00	7.70	7.15	3310	3355	2930	3.20	2.38	C33-44C	[4] G71MPP-60C-110	[2] **56J20**
40,000	36,800	24,200	13.00	11.50	7.70	7.00	3435	3535	3055	3.06	2.32	C33-48B	[4] G61MPV-36B-070	[2] **56J20**
40,000	36,800	24,200	13.00	11.50	7.70	7.00	3435	3535	3055	3.06	2.32	C33-48B	[4] G71MPP-36B-070	[2] **56J20**
40,000	37,000	24,200	13.50	11.50	7.70	7.00	3435	3450	3075	3.14	2.30	C33-38B	[4] G61MPV-36B-070	[2] **56J20**
40,000	37,000	24,200	13.50	11.50	7.70	7.00	3435	3450	3075	3.14	2.30	C33-38B	[4] G71MPP-36B-070	[2] **56J20**
40,000	37,000	24,200	13.50	11.50	7.70	7.05	3415	3440	3020	3.16	2.34	C33-43B	[4] G61MPV-36B-070	[2] **56J20**
40,000	37,000	24,200	13.50	11.50	7.70	7.05	3415	3440	3020	3.16	2.34	C33-43B	[4] G71MPP-36B-070	[2] **56J20**
40,000	37,200	24,400	13.00	11.00	7.70	6.95	3490	3475	3110	3.14	2.30	C33-38B	[4] G61MPV-36B-045	[2] **56J20**
40,000	37,200	24,400	13.00	11.00	7.70	7.00	3490	3545	3090	3.08	2.32	C33-48B	[4] G61MPV-36B-045	[2] **56J20**
40,500	36,400	23,600	14.00	12.00	7.70	7.15	3290	3380	2905	3.16	2.38	C33-48C	[4] G60UHV-60C-110	[2] **56J20**
40,500	36,600	23,600	14.00	12.00	7.70	7.20	3300	3315	2900	3.24	2.38	C33-43C	[4] G60UHV-60C-110	[2] **56J20**
40,500	36,600	23,800	14.00	12.00	7.70	7.15	3310	3300	2950	3.26	2.36	C33-49C	[4] G60UHV-60C-090	[2] **56J20**
40,500	36,600	23,800	14.00	12.00	7.70	7.15	3335	3365	2940	3.18	2.38	C33-43C	[4] G61MPV-60C-090	[2] **56J20**
40,500	36,600	23,800	14.00	12.00	7.70	7.15	3335	3365	2940	3.18	2.38	C33-43C	[4] G71MPP-60C-090	[2] **56J20**
40,500	36,600	23,800	14.00	12.00	7.70	7.15	3325	3340	2920	3.22	2.38	C33-43C	[4] G61MPV-60C-110	[2] **56J20**
40,500	36,600	23,800	14.00	12.00	7.70	7.15	3325	3340	2920	3.22	2.38	C33-43C	[4] G71MPP-60C-110	[2] **56J20**
40,500	36,600	23,800	14.00	12.00	7.70	7.20	3310	3360	2900	3.20	2.40	C33-48C	[4] G60UHV-60C-090	[2] **56J20**
40,500	36,600	23,800	14.00	12.00	7.70	7.20	3310	3305	2905	3.24	2.40	C33-44C	[4] G60UHV-60C-090	[2] **56J20**
40,500	36,800	23,800	14.00	12.00	7.70	7.05	3370	3380	3005	3.20	2.32	C33-38B	[4] G60UHV-36B-090	[2] **56J20**
40,500	36,800	23,800	14.00	12.00	7.70	7.10	3375	3390	2970	3.18	2.34	C33-43B	[4] G60UHV-36B-090	[2] **56J20**
40,500	36,800	24,000	14.00	12.00	7.70	7.20	3370	3340	2940	3.22	2.40	C33-49C	[4] G61MPV-60C-090	[2] **56J20**
40,500	36,800	24,000	14.00	12.00	7.70	7.20	3370	3340	2940	3.22	2.40	C33-49C	[4] G71MPP-60C-090	[2] **56J20**
40,500	37,200	24,400	13.00	11.50	7.70	7.05	3475	3460	3060	3.16	2.34	C33-43B	[4] G61MPV-36B-045	[2] **56J20**
41,000	36,600	23,800	14.00	12.00	7.70	7.15	3320	3285	2960	3.26	2.36	C33-43C	[4] G60UHV-60C-090	[2] **56J20**
41,000	36,600	23,800	14.00	12.00	7.70	7.20	3315	3300	2910	3.26	2.40	C33-50/60C	[4] G60UHV-60C-090	[2] **56J20**
Up-Flow Indoor Coils + Furnaces												**Continued on Next Page**		

NOTE - These are the only approved system match-ups. For other matches, contact the Lennox Applications Department.
NOTE - Ratings for C33 coils include all cased and uncased coils.
NOTE - When used with gas furnaces, a dual-fuel control (i.e. FM21) or a control system with dual-fuel capabilities (i.e. Harmony III, LZP-2 or LZP-4) must be used (ordered extra).

[1] Certified in accordance with USE certification program which is based on ARI Standard 210/240 with 25 ft. (7.6 m) of connecting refrigerant lines;
Cooling Ratings - 95°F (35°C) outdoor air temperature and 80°F (27°C) db/67°F (19°C) wb entering indoor coil air.
High Temperature Heating Ratings - 47°F (8°C) db/43°F (6°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
Low Temperature Heating Ratings - 17°F (-8.3°C) db/15°F (-9.4°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.

[2] **Factory installed expansion valve or RFC on indoor unit MUST be replaced with valve specified (if equipped).**

[3] Blower must be capable of time-off blower delay. Indoor Blower Off Delay Relay (**58M81**) is recommend for field installation.

[4] Blower control must be set for a time-off blower delay.

ARI RATINGS

[1] ARI Standard 210/240 Ratings												Indoor Unit Model No.		Expansion Device
Capacity - Btuh			Efficiency				Total Watts			COP				
Cooling	High Temp. Heating	Low Temp. Heating	SEER	EER	HSPF IV	HSPF V	Cool	High Heat	Low Heat	High Heat	Low Heat			
13HPD-042														**3.5 TON**
Up-Flow Indoor Coils + Furnaces (Continued)												**Up-Flow Coils + Furnaces**		
41,000	36,800	23,800	14.00	12.00	7.70	7.15	3345	3300	2930	3.26	2.38	C33-50/60C	[4] G60UHV-60C-110	[2] **56J20**
41,000	36,800	23,800	14.00	12.00	7.70	7.15	3360	3310	2940	3.26	2.38	C33-50/60C	[4] G61MPV-60C-110	[2] **56J20**
41,000	36,800	23,800	14.00	12.00	7.70	7.15	3360	3310	2940	3.26	2.38	C33-50/60C	[4] G71MPP-60C-110	[2] **56J20**
41,000	36,800	23,800	14.00	12.00	7.70	7.20	3345	3300	2905	3.26	2.40	C33-49C	[4] G60UHV-60C-110	[2] **56J20**
41,000	36,800	23,800	14.00	12.00	7.70	7.20	3360	3310	2920	3.26	2.38	C33-49C	[4] G61MPV-60C-110	[2] **56J20**
41,000	36,800	23,800	14.00	12.00	7.70	7.20	3360	3310	2920	3.26	2.38	C33-49C	[4] G71MPP-60C-110	[2] **56J20**
41,000	36,800	24,000	14.00	12.00	7.70	7.15	3375	3340	2965	3.22	2.38	C33-50/60C	[4] G61MPV-60C-090	[2] **56J20**
41,000	36,800	24,000	14.00	12.00	7.70	7.15	3375	3340	2965	3.22	2.38	C33-50/60C	[4] G71MPP-60C-090	[2] **56J20**
41,500	36,800	23,800	14.00	12.00	7.70	7.20	3345	3260	2900	3.30	2.40	C33-60D	[4] G61MPV-60D-135	[2] **56J20**
41,500	36,800	23,800	14.00	12.00	7.70	7.20	3345	3260	2900	3.30	2.40	C33-60D	[4] G71MPP-60D-135	[2] **56J20**
42,000	36,800	23,800	14.00	12.50	8.20	7.25	3320	3220	2865	3.34	2.44	C33-60D	[4] G60UHV-60D-135	[2] **56J20**
42,000	36,800	23,800	14.00	12.50	8.20	7.25	3325	3210	2880	3.36	2.42	C33-62D	[4] G60UHV-60D-135	[2] **56J20**
42,000	36,800	24,000	14.00	12.50	7.70	7.15	3350	3250	2965	3.32	2.38	C33-62D	[4] G61MPV-60D-135	[2] **56J20**
42,000	36,800	24,000	14.00	12.50	7.70	7.15	3350	3250	2965	3.32	2.38	C33-62D	[4] G71MPP-60D-135	[2] **56J20**
42,500	36,600	23,800	14.00	12.50	7.70	7.10	3330	3300	2930	3.26	2.38	C33-62C	[4] G60UHV-60C-090	[2] **56J20**
42,500	36,800	23,800	14.00	12.50	7.70	7.10	3375	3320	2955	3.24	2.36	C33-62C	[4] G61MPV-60C-110	[2] **56J20**
42,500	36,800	23,800	14.00	12.50	7.70	7.10	3375	3320	2955	3.24	2.36	C33-62C	[4] G71MPP-60C-110	[2] **56J20**
42,500	36,800	23,800	14.00	12.50	7.70	7.15	3360	3310	2950	3.26	2.36	C33-62C	[4] G60UHV-60C-110	[2] **56J20**
42,500	36,800	24,000	14.00	12.50	7.70	7.10	3390	3350	2980	3.22	2.36	C33-62C	[4] G61MPV-60C-090	[2] **56J20**
42,500	36,800	24,000	14.00	12.50	7.70	7.10	3390	3350	2980	3.22	2.36	C33-62C	[4] G71MPP-60C-090	[2] **56J20**
Down-Flow Indoor Coils + Furnaces												**Down-Flow Coils + Furnaces**		
40,500	41,000	26,600	13.00	11.00	7.70	7.05	3565	4135	3500	2.90	2.22	CR33-48B-F	[4] G61MPV-36B-070	[2] **56J20**
40,500	41,000	26,600	13.00	11.00	7.70	7.05	3565	4135	3500	2.90	2.22	CR33-48B-F	[4] G71MPP-36B-070	[2] **56J20**
41,000	40,500	26,200	13.50	11.50	7.70	7.15	3460	4025	3395	2.94	2.26	CR33-48B-F	[4] G60DFV-36B-090	[2] **56J20**
41,000	40,500	26,000	14.00	12.00	8.20	7.20	3375	3950	3315	3.00	2.30	CR33-48C-F	[4] G60DFV-60C-090	[2] **56J20**
41,000	40,500	26,200	13.50	11.50	7.70	7.15	3435	4015	3380	2.96	2.26	CR33-48C-F	[4] G61MPV-60C-090	[2] **56J20**
41,000	40,500	26,200	13.50	11.50	7.70	7.15	3435	4015	3380	2.96	2.26	CR33-48C-F	[4] G71MPP-60C-090	[2] **56J20**
41,000	40,500	26,200	13.50	11.50	7.70	7.20	3435	4000	3370	2.96	2.28	CR33-48C-F	[4] G61MPV-60C-110	[2] **56J20**
41,000	40,500	26,200	13.50	11.50	7.70	7.20	3435	4000	3370	2.96	2.28	CR33-48C-F	[4] G71MPP-60C-110	[2] **56J20**
41,500	40,500	26,200	14.00	12.00	8.20	7.20	3415	3955	3335	3.00	2.30	CR33-48C-F	[4] G60DFV-60C-110	[2] **56J20**
42,000	41,000	26,200	14.00	12.00	8.50	7.40	3445	3800	3265	3.16	2.34	CR33-50/60C-F	[4] G61MPV-60C-090	[2] **56J20**
42,000	41,000	26,200	14.00	12.00	8.50	7.40	3445	3800	3265	3.16	2.34	CR33-50/60C-F	[4] G71MPP-60C-090	[2] **56J20**
42,500	40,500	26,000	14.00	12.50	8.50	7.45	3385	3730	3205	3.18	2.38	CR33-50/60C-F	[4] G60DFV-60C-090	[2] **56J20**
42,500	41,000	26,200	14.00	12.00	8.50	7.45	3425	3740	3230	3.22	2.38	CR33-50/60C-F	[4] G60DFV-60C-110	[2] **56J20**
42,500	41,000	26,200	14.00	12.00	8.50	7.45	3415	3725	3220	3.22	2.38	CR33-60D-F	[4] G60DFV-60D-135	[2] **56J20**
42,500	41,000	26,200	14.00	12.00	8.50	7.40	3440	3780	3260	3.18	2.36	CR33-50/60C-F	[4] G61MPV-60C-110	[2] **56J20**
42,500	41,000	26,200	14.00	12.00	8.50	7.40	3440	3780	3260	3.18	2.36	CR33-50/60C-F	[4] G71MPP-60C-110	[2] **56J20**
42,500	41,000	26,200	14.00	12.00	8.50	7.45	3410	3745	3225	3.20	2.38	CR33-60D-F	[4] G61MPV-60D-135	[2] **56J20**
42,500	41,000	26,200	14.00	12.00	8.50	7.45	3410	3745	3225	3.20	2.38	CR33-60D-F	[4] G71MPP-60D-135	[2] **56J20**

NOTE - These are the only approved system match-ups. For other matches, contact the Lennox Applications Department.
NOTE - Ratings for C33 coils include all cased and uncased coils.
NOTE - When used with gas furnaces, a dual-fuel control (i.e. FM21) or a control system with dual-fuel capabilities (i.e. Harmony III, LZP-2 or LZP-4) must be used (ordered extra).

[1] Certified in accordance with USE certification program which is based on ARI Standard 210/240 with 25 ft. (7.6 m) of connecting refrigerant lines;
Cooling Ratings - 95°F (35°C) outdoor air temperature and 80°F (27°C) db/67°F (19°C) wb entering indoor coil air.
High Temperature Heating Ratings - 47°F (8°C) db/43°F (6°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
Low Temperature Heating Ratings - 17°F (-8.3°C) db/15°F (-9.4°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.

[2] **Factory installed expansion valve or RFC on indoor unit MUST be replaced with valve specified (if equipped).**

[3] Blower must be capable of time-off blower delay. Indoor Blower Off Delay Relay (**58M81**) is recommend for field installation.

[4] Blower control must be set for a time-off blower delay.

ARI RATINGS

[1] ARI Standard 210/240 Ratings														
Capacity - Btuh			Efficiency				Total Watts			COP		Indoor Unit Model No.		Expansion Device
Cooling	High Temp. Heating	Low Temp. Heating	SEER	EER	HSPF IV	HSPF V	Cool	High Heat	Low Heat	High Heat	Low Heat			
13HPD-042														**3.5 TON**
Horizontal Indoor Coils + Furnaces												**Horizontal Coils + Furnaces**		
40,500	40,500	26,000	13.50	11.50	8.20	7.20	3400	3995	3355	2.98	2.26	CH23-41	[4] G60UHV-36B-090	[2] **56J20**
40,500	40,500	25,800	14.00	12.00	8.20	7.20	3345	3960	3305	3.00	2.28	CH23-41	[4] G60UHV-60C-090	[2] **56J20**
40,500	40,500	26,000	14.00	12.00	8.20	7.20	3380	3965	3330	3.00	2.28	CH23-41	[4] G60UHV-60C-110	[2] **56J20**
41,500	40,500	25,800	14.00	12.00	8.20	7.35	3350	3845	3250	3.08	2.32	CH23-51	[4] G60UHV-60C-090	[2] **56J20**
41,500	41,000	26,200	14.00	12.00	8.20	7.25	3445	3915	3335	3.06	2.30	CH23-51	[4] G61MPV-36C-090	[2] **56J20**
41,500	41,000	26,200	14.00	12.00	8.20	7.25	3445	3915	3335	3.06	2.30	CH23-51	[4] G71MPP-36C-090	[2] **56J20**
41,500	40,500	26,200	14.00	12.00	8.20	7.30	3410	3890	3305	3.06	2.32	CH23-51	[4] G61MPV-60C-090	[2] **56J20**
41,500	40,500	26,200	14.00	12.00	8.20	7.30	3410	3890	3305	3.06	2.32	CH23-51	[4] G71MPP-60C-090	[2] **56J20**
42,000	40,500	26,000	14.00	12.00	8.20	7.35	3385	3855	3275	3.08	2.32	CH23-51	[4] G60UHV-60C-110	[2] **56J20**
42,000	40,500	26,000	14.00	12.00	8.20	7.30	3400	3865	3290	3.08	2.32	CH23-51	[4] G61MPV-60C-110	[2] **56J20**
42,000	40,500	26,000	14.00	12.00	8.20	7.30	3400	3865	3290	3.08	2.32	CH23-51	[4] G71MPP-60C-110	[2] **56J20**
42,500	40,500	26,000	14.00	12.00	8.50	7.40	3410	3775	3240	3.14	2.34	CH23-65	[4] G60UHV-60D-135	[2] **56J20**
42,500	41,000	26,200	14.50	12.00	8.50	7.45	3410	3785	3245	3.18	2.36	CH23-65	[4] G61MPV-60D-135	[2] **56J20**
42,500	41,000	26,200	14.50	12.00	8.50	7.45	3410	3785	3245	3.18	2.36	CH23-65	[4] G71MPP-60D-135	[2] **56J20**
13HPD-048														**4 TON**
Air Handlers												**Air Handlers**		
49,000	47,500	30,200	13.00	11.00	8.50	7.50	4455	3660	3420	3.80	2.58	[4] CB27UH-060 (Up-Flow / Horizontal)		Factory TXV
49,500	47,500	30,200	13.00	11.00	8.50	7.50	4500	3690	3435	3.78	2.58	[4] CB27UH-048 (Up-Flow / Horizontal)		Factory TXV
49,500	47,500	30,600	13.00	11.00	7.70	7.40	4455	3775	3525	3.68	2.54	[3] CB30M-51 (Multi-Position)		Factory TXV
50,500	47,500	30,600	13.00	11.00	7.70	7.10	4520	4075	3685	3.42	2.44	[5] CB26UH-048 (Up-Flow / Horizontal)		Factory TXV
Up-Flow Indoor Coils + Furnaces												**Up-Flow Coils + Furnaces**		
49,000	47,500	30,600	13.00	11.00	7.70	7.10	4450	4050	3675	3.44	2.44	C33-50/60C	[4] G60UHV-60C-110	[2] **56J20**
49,500	47,500	30,600	13.00	11.00	7.70	7.10	4470	4040	3670	3.44	2.44	C33-49C	[4] G61MPV-60C-090	[2] **56J20**
49,500	47,500	30,600	13.00	11.00	7.70	7.10	4470	4040	3670	3.44	2.44	C33-49C	[4] G71MPP-60C-090	[2] **56J20**
49,500	47,500	30,600	13.00	11.00	7.70	7.10	4465	4030	3660	3.46	2.44	C33-49C	[4] G61MPV-60C-110	[2] **56J20**
49,500	47,500	30,600	13.00	11.00	7.70	7.10	4465	4030	3660	3.46	2.44	C33-49C	[4] G71MPP-60C-110	[2] **56J20**
49,500	47,500	30,400	13.00	11.00	7.70	7.10	4455	4030	3655	3.46	2.44	C33-50/60C	[4] G60UHV-60C-090	[2] **56J20**
50,000	47,500	30,400	13.00	11.00	7.70	7.15	4430	3975	3620	3.50	2.46	C33-49C	[4] G60UHV-60C-090	[2] **56J20**
50,000	47,000	30,400	13.00	11.00	7.70	7.15	4420	3995	3620	3.44	2.46	C33-49C	[4] G60UHV-60C-110	[2] **56J20**
50,000	47,000	30,000	13.50	11.00	7.70	7.20	4360	3925	3535	3.50	2.48	C33-60D	[4] G60UHV-60D-135	[2] **56J20**
50,000	47,000	30,400	13.00	11.00	7.70	7.20	4410	3965	3585	3.48	2.48	C33-60D	[4] G61MPV-60D-135	[2] **56J20**
50,000	47,000	30,400	13.00	11.00	7.70	7.20	4410	3965	3585	3.48	2.48	C33-60D	[4] G71MPP-60D-135	[2] **56J20**
51,000	47,500	30,400	13.50	11.00	7.70	7.10	4480	4055	3640	3.44	2.44	C33-62C	[4] G60UHV-60C-110	[2] **56J20**
51,000	47,500	30,600	13.00	11.00	7.70	7.05	4525	4100	3685	3.40	2.44	C33-62C	[4] G61MPV-60C-090	[2] **56J20**
51,000	47,500	30,600	13.00	11.00	7.70	7.05	4525	4100	3685	3.40	2.44	C33-62C	[4] G71MPP-60C-090	[2] **56J20**
51,000	47,500	30,600	13.00	11.00	7.70	7.05	4520	4095	3680	3.40	2.44	C33-62C	[4] G61MPV-60C-110	[2] **56J20**
51,000	47,500	30,600	13.00	11.00	7.70	7.05	4520	4095	3680	3.40	2.44	C33-62C	[4] G71MPP-60C-110	[2] **56J20**
51,500	47,500	30,400	13.50	11.50	7.70	7.10	4480	4035	3625	3.46	2.46	C33-62C	[4] G60UHV-60C-090	[2] **56J20**

NOTE - These are the only approved system match-ups. For other matches, contact the Lennox Applications Department.
NOTE - Ratings for C33 coils include all cased and uncased coils.
NOTE - When used with gas furnaces, a dual-fuel control (i.e. FM21) or a control system with dual-fuel capabilities (i.e. Harmony III, LZP-2 or LZP-4) must be used (ordered extra).

[1] Certified in accordance with USE certification program which is based on ARI Standard 210/240 with 25 ft. (7.6 m) of connecting refrigerant lines;
Cooling Ratings - 95°F (35°C) outdoor air temperature and 80°F (27°C) db/67°F (19°C) wb entering indoor coil air.
High Temperature Heating Ratings - 47°F (8°C) db/43°F (6°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
Low Temperature Heating Ratings - 17°F (-8.3°C) db/15°F (-9.4°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.

[2] **Factory installed expansion valve or RFC on indoor unit MUST be replaced with valve specified (if equipped).**

[3] Blower must be capable of time-off blower delay. Indoor Blower Off Delay Relay (**58M81**) is recommend for field installation.

[4] Blower control must be set for a time-off blower delay.

[5] Most popular air handler combination.

ARI RATINGS

[1] ARI Standard 210/240 Ratings												Indoor Unit Model No.		Expansion Device
Capacity - Btuh			Efficiency				Total Watts			COP				
Cooling	High Temp. Heating	Low Temp. Heating	SEER	EER	HSPF IV	HSPF V	Cool	High Heat	Low Heat	High Heat	Low Heat			
13HPD-048														**4 TON**
Down-Flow Indoor Coils + Furnaces												**Down-Flow Coils + Furnaces**		
49,000	47,500	30,200	13.00	11.00	7.70	7.50	4400	3685	3440	3.78	2.58	CR33-50/60C-F	[4] G60DFV-60C-110	[2] **56J20**
49,000	47,500	30,400	13.00	11.00	7.70	7.40	4450	3760	3510	3.70	2.54	CR33-50/60C-F	[4] G61MPV-60C-110	[2] **56J20**
49,000	47,500	30,400	13.00	11.00	7.70	7.40	4450	3760	3510	3.70	2.54	CR33-50/60C-F	[4] G71MPP-60C-110	[2] **56J20**
49,000	47,500	30,200	13.00	11.00	7.70	7.50	4395	3680	3435	3.78	2.58	CR33-60D-F	[4] G60DFV-60D-135	[2] **56J20**
49,000	47,500	30,400	13.00	11.00	7.70	7.50	4395	3705	3455	3.76	2.58	CR33-60D-F	[4] G61MPV-60D-135	[2] **56J20**
49,000	47,500	30,400	13.00	11.00	7.70	7.50	4395	3705	3455	3.76	2.58	CR33-60D-F	[4] G71MPP-60D-135	[2] **56J20**
49,500	47,500	30,400	13.00	11.00	7.70	7.50	4415	3680	3445	3.78	2.58	CR33-50/60C-F	[4] G60DFV-60C-090	[2] **56J20**
Horizontal Indoor Coils + Furnaces												**Horizontal Coils + Furnaces**		
50,000	47,500	30,400	13.00	11.00	7.70	7.15	4460	4020	3625	3.46	2.46	CH33-50/60C-2F	[4] G60UHV-60C-110	[2] **56J20**
50,000	47,500	30,600	13.00	11.00	7.70	7.10	4505	4065	3670	3.42	2.44	CH33-50/60C-2F	[4] G61MPV-60C-090	[2] **56J20**
50,000	47,500	30,600	13.00	11.00	7.70	7.10	4505	4065	3670	3.42	2.44	CH33-50/60C-2F	[4] G71MPP-60C-090	[2] **56J20**
50,000	47,500	30,600	13.00	11.00	7.70	7.10	4505	4045	3665	3.44	2.44	CH33-50/60C-2F	[4] G61MPV-60C-110	[2] **56J20**
50,000	47,500	30,600	13.00	11.00	7.70	7.10	4505	4045	3665	3.44	2.44	CH33-50/60C-2F	[4] G71MPP-60C-110	[2] **56J20**
50,000	47,000	30,200	13.50	11.00	7.70	7.20	4360	3925	3550	3.50	2.50	CH33-60D-2F	[4] G60UHV-60D-135	[2] **56J20**
50,000	47,000	30,400	13.00	11.00	7.70	7.15	4410	3965	3585	3.48	2.48	CH33-60D-2F	[4] G61MPV-60D-135	[2] **56J20**
50,000	47,000	30,400	13.00	11.00	7.70	7.15	4410	3965	3585	3.48	2.48	CH33-60D-2F	[4] G71MPP-60D-135	[2] **56J20**
50,500	47,500	30,200	13.50	11.50	7.70	7.65	4365	3530	3355	3.94	2.64	CH23-68	[4] G60UHV-60D-135	[2] **56J20**
50,500	47,500	30,200	13.50	11.00	7.70	7.60	4420	3570	3400	3.90	2.60	CH23-68	[4] G61MPV-60D-135	[2] **56J20**
50,500	47,500	30,200	13.50	11.00	7.70	7.60	4420	3570	3400	3.90	2.60	CH23-68	[4] G71MPP-60D-135	[2] **56J20**
50,500	47,500	30,600	13.00	11.00	7.70	7.15	4465	3985	3615	3.50	2.48	CH33-50/60C-2F	[4] G60UHV-60C-090	[2] **56J20**
13HPD-060														**5 TON**
Air Handlers												**Air Handlers**		
54,000	55,500	35,600	13.00	11.00	7.70	6.70	4910	4595	4130	3.54	2.52	[4] CB27UH-060 (Up-Flow / Horizontal)		Factory TXV
56,000	55,000	35,400	13.00	11.00	7.70	6.70	5090	4660	4145	3.46	2.50	[4] CBX32MV-048 (Multi-Position)		[2] **56J20**
57,000	55,500	35,800	13.00	11.00	7.70	6.70	5180	4795	4265	3.40	2.46	[5] CB26UH-060-R (Up-Flow / Horizontal)		Factory RFC (0.098)
57,000	55,500	35,800	13.00	11.00	7.70	6.70	5180	4795	4265	3.40	2.46	[5] CB26UH-060-R (Up-Flow / Horizontal)		[2] **56J20**
57,000	55,500	35,800	13.00	11.00	7.70	6.70	5180	4730	4230	3.44	2.48	[3] CB30M-65 (Multi-Position)		Factory TXV
57,500	55,000	35,400	13.00	11.50	7.70	6.70	5000	4655	4155	3.46	2.50	[4] CBX32MV-060 (Multi-Position)		[2] **56J20**

NOTE - These are the only approved system match-ups. For other matches, contact the Lennox Applications Department.

NOTE - Ratings for C33 coils include all cased and uncased coils.

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

[1] Certified in accordance with USE certification program which is based on ARI Standard 210/240 with 25 ft. (7.6 m) of connecting refrigerant lines;
Cooling Ratings - 95°F (35°C) outdoor air temperature and 80°F (27°C) db/67°F (19°C) wb entering indoor coil air.
High Temperature Heating Ratings - 47°F (8°C) db/43°F (6°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.
Low Temperature Heating Ratings - 17°F (-8.3°C) db/15°F (-9.4°C) wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.

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[4] Blower control must be set for a time-off blower delay.

ARI RATINGS

[1] ARI Standard 210/240 Ratings														
Capacity - Btuh			Efficiency				Total Watts			COP		Indoor Unit Model No.		Expansion Device
Cooling	High Temp. Heating	Low Temp. Heating	SEER	EER	HSPF IV	HSPF V	Cool	High Heat	Low Heat	High Heat	Low Heat			
13HPD-060														**5 TON**
Up-Flow Indoor Coils + Furnaces												**Up-Flow Coils + Furnaces**		
55,000	55,000	35,600	13.00	11.50	7.70	6.70	4785	4940	4365	3.26	2.38	C33-60D	[4] G61MPV-60D-135	[2] **56J20**
55,000	55,000	35,600	13.00	11.50	7.70	6.70	4785	4940	4365	3.26	2.38	C33-60D	[4] G71MPP-60D-135	[2] **56J20**
55,500	55,000	35,600	13.00	11.50	7.70	6.70	4825	4855	4290	3.32	2.42	C33-60D	[4] G60UHV-60D-135	[2] **56J20**
56,000	55,500	36,000	13.00	11.00	7.70	6.70	5090	4995	4455	3.26	2.36	C33-62C	[4] G61MPV-60C-090	[2] **56J20**
56,000	55,500	36,000	13.00	11.00	7.70	6.70	5090	4995	4455	3.26	2.36	C33-62C	[4] G71MPP-60C-090	[2] **56J20**
56,000	55,000	35,600	13.00	11.50	7.70	6.70	4870	4920	4335	3.28	2.40	C33-62D	[4] G61MPV-60D-135	[2] **56J20**
56,000	55,000	35,600	13.00	11.50	7.70	6.70	4870	4920	4335	3.28	2.40	C33-62D	[4] G71MPP-60D-135	[2] **56J20**
56,500	55,500	35,800	13.00	11.50	7.70	6.70	4915	4950	4400	3.28	2.38	C33-62C	[4] G60UHV-60C-110	[2] **56J20**
56,500	55,000	35,600	13.50	11.50	7.70	6.70	4915	4835	4275	3.34	2.44	C33-62D	[4] G60UHV-60D-135	[2] **56J20**
56,500	55,500	36,000	13.00	11.00	7.70	6.70	5135	4975	4445	3.26	2.38	C33-62C	[4] G61MPV-60C-110	[2] **56J20**
56,500	55,500	36,000	13.00	11.00	7.70	6.70	5135	4975	4445	3.26	2.38	C33-62C	[4] G71MPP-60C-110	[2] **56J20**
57,000	55,500	35,800	13.00	11.50	7.70	6.70	4955	4895	4390	3.32	2.38	C33-62C	[4] G60UHV-60C-090	[2] **56J20**
Down-Flow Indoor Coils + Furnaces												**Down-Flow Coils + Furnaces**		
53,500	55,000	35,400	13.00	11.00	7.70	6.70	4865	4695	4155	3.44	2.50	CR33-50/60C-F	[4] G60DFV-60C-090	[2] **56J20**
54,000	55,000	35,600	13.00	11.00	7.70	6.70	4910	4670	4145	3.46	2.52	CR33-60D-F	[4] G60DFV-60D-135	[2] **56J20**
Horizontal Indoor Coils + Furnaces												**Horizontal Coils + Furnaces**		
55,000	55,000	35,600	13.00	11.50	7.70	6.70	4785	4990	4365	3.24	2.38	CH33-60D-2F	[4] G61MPV-60D-135	[2] **56J20**
55,000	55,000	35,600	13.00	11.50	7.70	6.70	4785	4990	4365	3.24	2.38	CH33-60D-2F	[4] G71MPP-60D-135	[2] **56J20**
55,000	55,000	35,600	13.00	11.50	7.70	6.70	4785	4935	4370	3.26	2.38	CH33-62D-2F	[4] G61MPV-60D-135	[2] **56J20**
55,000	55,000	35,600	13.00	11.50	7.70	6.70	4785	4935	4370	3.26	2.38	CH33-62D-2F	[4] G71MPP-60D-135	[2] **56J20**
55,500	55,000	35,600	13.00	11.50	7.70	6.70	4825	4895	4305	3.30	2.42	CH33-60D-2F	[4] G60UHV-60D-135	[2] **56J20**
55,500	55,500	35,600	13.00	11.50	7.70	6.70	4825	4540	4100	3.58	2.54	CH23-68	[4] G61MPV-60D-135	[2] **56J20**
55,500	55,500	35,600	13.00	11.50	7.70	6.70	4825	4540	4100	3.58	2.54	CH23-68	[4] G71MPP-60D-135	[2] **56J20**
56,000	54,500	35,400	13.50	11.50	7.70	6.70	4870	4895	4300	3.26	2.42	CH33-62D-2F	[4] G60UHV-60D-135	[2] **56J20**
56,500	55,500	35,600	13.50	11.50	7.70	6.70	4915	4470	4040	3.64	2.58	CH23-68	[4] G60UHV-60D-135	[2] **56J20**
57,500	55,000	35,600	13.00	11.00	7.70	6.70	5225	5000	4415	3.26	2.38	CH33-50/60C-2F	[4] G60UHV-60C-090	[2] **56J20**
57,500	55,000	35,800	13.00	11.00	7.70	6.70	5225	5015	4395	3.22	2.38	CH33-50/60C-2F	[4] G60UHV-60C-110	[2] **56J20**

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NOTE - Ratings for C33 coils include all cased and uncased coils.
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2 **Factory installed expansion valve or RFC on indoor unit MUST be replaced with valve specified (if equipped).**

3 Blower must be capable of time-off blower delay. Indoor Blower Off Delay Relay (**58M81**) is recommend for field installation.

4 Blower control must be set for a time-off blower delay.

5 Most popular air handler combination.

REVISIONS

Sections	Description of Change
Specifications	Changed Crankcase Heater catalog number
ARI Ratings	Added G71MPV ratings Removed CB30U and CB31MV ratings, models discontinued

ARI PERFORMANCE CERTIFIED ™
ARI Standard 210/240
Unitary Small HP
Certification applies only when the complete system is listed with ARI.
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NOTE - Due to Lennox' ongoing committment 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.