



## HEAT PUMP OUTDOOR UNITS

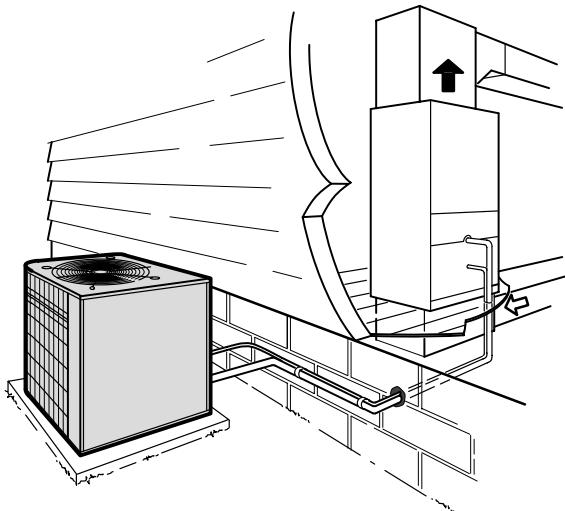
**HP21**

### INNOVATOR™ SERIES - TWO SPEED POWERSAVER® SEER - 12.0 to 16.15



CERTIFICATION APPLIES ONLY  
WHEN THE COMPLETE  
SYSTEM IS LISTED  
WITH ARI

#### Typical Application



Bulletin No. 210058  
July 2000  
Supersedes April 1996

#### MODEL NUMBER IDENTIFICATION

**HP21 - 36 - 230 - 1**

Unit Type  
**HP** = Heat Pump Outdoor Unit

Series  
Cooling Capacity Tons (kW)  
36 = 3 (10.6)  
48 = 4 (14.1)  
60 = 5 (17.6)

Minor Revision Number

Voltage  
230 = 208/230v-1 phase-60hz  
233 = 208/230v-3 phase-60hz  
460 = 460v-3 phase-60hz

#### FEATURES

##### Applications

- SEER up to 16.15.
- HSPF up to 8.50.
- 3, 4 or 5 Ton (10.6, 14.1 or 17.6 kW) sizes.
- Two-speed compressor staged for precise heating or cooling capacity with minimum operating costs. Compressor operates on low speed under light and medium heating or cooling loads and automatically shifts to high speed for heavy load conditions.
- Units are designed for applications with remotely located indoor multi-position blower-coil units or indoor add-on coils with gas or oil furnaces in FM21 control applications.
- Units equally suited for installation on a slab at grade level or on a rooftop.
- For FM21 applications, see section — Thermostats and Controls.
- For indoor unit data, see section, Coil—Blower Coil Units.
- Units are test operated at the factory insuring proper operation.
- Installer must set unit, connect refrigerant lines and make electrical connections to complete job.

##### Approvals

- Certified in accordance with the USE certification program, which is based on ARI Standard 210/240-94.
- 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 listed and ULC certified.
- Developed in accordance with ISO 9000 quality standards.

##### Equipment Warranty

- Compressor — ten year limited warranty in residential applications and five years in non-residential applications.
- All other covered components — five year limited warranty in residential applications and one year in non-residential applications.
- Refer to Lennox Equipment Limited Warranty certificate included with unit for details.

NOTE - Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability.  
Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury.

Installation and service must be performed by a qualified installer and servicing agency.

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## FEATURES (CONTINUED)

### Unit Cabinet

- Heavy gauge steel cabinet with five station metal wash process.
- Powder paint finish provides superior rust and corrosion protection.
- Control box located in HushTone™ compressor compartment.
- Control box is conveniently located with all controls factory wired.
- Drainage holes are provided in base section for moisture removal.
- High density polyethylene feet raise unit off mounting surface away from damaging moisture.
- Corrosion resistant PVC (polyvinyl chloride) coated steel wire condenser coil guard furnished.

### HushTone™ Compressor Compartment

- Compressor is located in separate, fiberglass insulated compartment to keep sound levels at a minimum.
- Large removable panel provides service access

### Copper Tube Outdoor Coil

- Lennox designed and fabricated coil
- Constructed of precisely spaced ripple-edge aluminum fins machine fitted to seamless copper tubes.
- Precise coil circuiting gives uniform refrigerant distribution for high efficiency.
- Extra large wrap around "U" shaped coil configuration provides extra large surface area for excellent heat transfer with minimum air resistance.
- Fins are equipped with collars that grip tubing for maximum contact area.
- Inverted coil circuiting prevents ice buildup at coil base in low ambients. Discharge gas enters bottom of coil during defrost and heat of refrigerant flows counter to water drainage resulting in extremely clean and unobstructed fins and tubes. Fin spacing allows rapid and complete water drainage.
- Flared tubing connections and silver soldering provide tight, leakproof joints.
- Long life copper tubing is corrosion-resistant and easy to service.
- Factory tested under high pressure to insure leakproof construction.
- HP21-48 & -60 models equipped with enhanced fin coil and rifled tubing.
- Entire coil is accessible for cleaning.

### Outdoor Fan

- Efficient direct drive fan moves large volumes of air uniformly through entire outdoor coil resulting in high refrigerant cooling capacity.
- Vertical discharge of air minimizes operating sounds and eliminates hot air damage to lawn and shrubs.
- Totally enclosed fan motor provides maximum protection from weather, dust and corrosion.
- Motor rain shield provides additional protection from moisture.
- Fan service access is accomplished by removal of fan guard.
- Corrosion resistant PVC coated steel wire fan guard furnished as standard.

### Two Speed Compressor

- Designed for superior efficiency at minimum operating cost.
- Two speed operation gives staging control to fit varying cooling and heating load requirements, extends operating life of compressor and provides operating economy during periods of reduced loads. During part load conditions the compressor operates in the low speed mode.
- Compressor is suction cooled, and hermetically sealed with built-in solid-state motor protection from excessive current and temperatures.
- Features vertical crankshaft, ringed valves and pistons, tuned discharge muffler, two stage oil pump and positive venting of lubrication system.
- Crankcase heater assures proper compressor lubrication.
- Running gear assembly resiliently suspended internally inside case. Compressor is installed in unit on resilient rubber mounts assuring low sound and vibration free operation.

### Lennox TSC-6 Two-Speed Control Module

- Prevents compressor short-cycling and also allows time for suction and discharge pressure to equalize, permitting the compressor to start in an unloaded condition.
- Module also provides a time delay between compressor shutoff and start-up and between speed changes.
- Diagnostic LED's are furnished as an aid in troubleshooting.

### Defrost Control

- Solid-state demand defrost control furnished as standard equipment.
- Defrost cycle is temperature activated and time or temperature terminated. Unit only goes into defrost when system temperatures indicate a demand.
- Defrost cycle terminates when system temperatures are satisfied or defrost time exceeds 15 minutes.

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

- Vapor and liquid line connections made with sweat connections inside unit.
- Shrader fitting are factory installed in the vapor and discharge lines.
- Fully serviceable brass service valves prevent corrosion and provide easy access to refrigerant system.
- Liquid and vapor valves can be fully shut off, and the liquid valve may be front seated to manage refrigerant charge while servicing the system.
- Field wiring inlets are conveniently located for ease of entry.
- High capacity dual flow drier is furnished and factory installed in the liquid line.

### Service Light Thermostat

- Factory installed on the compressor discharge line.
- Required for operation of conditioned area thermostat with service light.

### Reversing Valve

- Four-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.

### Expansion Valve

- Designed and sized specifically for use in heat pump system.
- Sensing bulb is located on suction line between reversing valve and compressor thus sensing suction temperature in any cycle.
- Factory installed and piped.

## FEATURES (CONTINUED)

### High Pressure Switch

- Factory installed and wired. Protects system from abnormal operating conditions.
- Manual reset.

### Start Controls

- Furnished and factory installed.
- Provides assistance for compressor start under loaded conditions or in the event of low voltage.

### Ambient Compensating Thermistor

- Reduces thermostat droop to improve the operating characteristics of the heat pump system.
- Thermistor varies heat anticipator resistance as ambient temperature changes.
- Factory installed in the discharge air stream.

## OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA

### Thermostat

- Thermostat not furnished and must be ordered extra.
- See Thermostat bulletin in Thermostats and Controls section and Lennox Price Book.

### CCB1 EfficiencyPlus™ Humidity Control

- CCB1 Humidity Control (35H00) installs next to the room thermostat and allows selection of desired indoor humidity level in cooling mode.
- Controls indoor humidity by altering indoor blower speed and compressor speed.
- Humidity level desired may be set by adjusting a vertical slide to set point on a scale of 40% thru 60% (50% recommended as initial set point).
- Five indicator lights (MIN — MAX) in a bar graph configuration indicate difference between actual relative humidity and set point. This indicates demand imposed on system equipment, the more lights on, the longer the equipment will operate to obtain desired humidity level. If no lights are on, the humidity level is at or below set point.
- CCB1 is most effective when used with units that have variable speed blower motors - G32V/GHR32V gas furnaces and CB31MV blower coils.
- May also be used with units that have single speed blower motors. Usage with single speed motors requires EBR1 Blower Relay Kit. See below.



### EBR1 Blower Relay Kit

- EBR1 Blower Relay Kit (75H90) allows CCB1 to be used with gas furnaces or blower coil units that have single speed blower motors.

### Indoor Blower Speed Relay Kit

- Relay kit (40K58) provides humidity control conditions by automatically reducing indoor blower speed during continuous fan or low speed compressor operation.
- Kit should not be used in CCB1 Efficiency Plus Humidity Control applications.

### Check and Expansion Valve Kits

- Must be ordered extra and field installed on some indoor units.
- See ARI Ratings table.

### Refrigerant Line Kits

- Refrigerant lines (vapor & liquid) are shipped refrigeration clean. Lines are cleaned, dried, pressurized and sealed at factory.
- Suction line fully insulated.
- L15 lines are stubbed at both ends.
- See Refrigerant Line Kit table for selection.
- Kit is not available for HP21-60 model and must be field fabricated.
- Refrigerant line length should not exceed 50 ft. (15 m) in any installation. If longer length lines are required, contact your Lennox Field Technical Consultant.

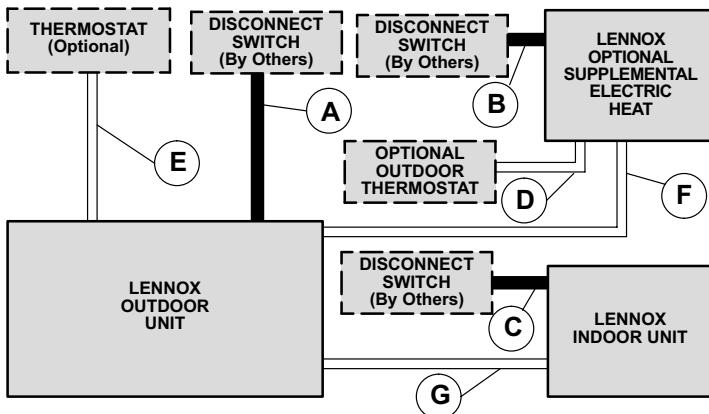
### Low Ambient Kit

- Condensing units will operate satisfactorily down to 45°F (7°C) outdoor air temperature without any additional controls.
- Kit LB-57113BC (24H77) can be added in the field enabling unit to operate properly down to 30°F (-1°C).

### Mounting Base

- Provides permanent foundation for condensing 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.
- All models use MB2-L (69J07), 32 x 34 x 3 in. (813 x 864 x 76 mm), shipping weight 15 lbs. (7 kg) each.

## FIELD WIRING



- A — Two or Three Wire Power (see Electrical Data)
- B — Two or Three Wire Power (size to heater capacity)
- C — Two Wire Power (size to indoor coil blower motor)
- D — Two Wire Low Voltage — 18 ga. minimum
- E — Eight Wire Low Voltage — 18 ga. minimum — with Electric Heat
- Ten Wire Low Voltage with Optional Outdoor Thermostat
- F — Five Wire Low Voltage — 18 ga. minimum
- G — Three Wire Low Voltage — 18 ga. minimum

*— Field Wiring Not Furnished —*

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

## SPECIFICATIONS

Model No.			HP21-36	HP21-48	HP21-60		
Liquid line — in. (mm) o.d. connection (sweat)			3/8 (9.5)				
Vapor line — in. (mm) o.d. connection (sweat)			3/4 (19)	7/8 (22.2)	1-1/8 (28.5)		
①Refrigerant charge furnished (HCFC - 22)			13 lbs. 13 oz. (6.27 kg)	15 lbs. 8 oz. (7.03 kg)	18 lbs. 13 oz. (8.53 kg)		
Outdoor Coil	Net face area — sq. ft. (m <sup>2</sup> )	Inner coil	17.53 (1.63)	20.81 (1.93)	23.01 (2.14)		
	Net face area — sq. ft. (m <sup>2</sup> )	Outer coil	18.22 (1.69)	21.64 (2.01)	23.92 (2.22)		
	Tube diameter — in. (mm) & no. of rows		5/16 (7.9) — 2				
	Fins per inch (m)		20 (787)				
Outdoor Fan	Diameter — in. (mm) & no. of blades			24 (610) — 3	24 (610) — 4		
	Motor hp		1/10 (75)	1/6 (124)	1/4 (187)		
	Cfm (L/s)		3120 (1470)	3200 (1510)	4200 (1980)		
	Rpm		820	815	815		
Watts			155	200	310		
Shipping weight — lbs. (kg) 1 package			323 (147)	341 (155)	372 (169)		

### OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA

CCB1 EfficiencyPlus™ Humidity Control	35H00
EBR1 Blower Relay	75H90
Indoor Blower Speed Relay Kit	40K58
Mounting Base - Shipping Weight	MB2-L (69J07) - 15 lbs. (7 kg)
Low Ambient Kit	LB-57113BM (27J00)
Outdoor Thermostat Kit	Thermostat Kit 56A87
	Mounting Box M-1595 (31461)/BM-10260 (33A09) Canada Only

①Refrigerant charge sufficient for 20 ft. (6.0 m) length of refrigerant lines.

## ELECTRICAL DATA

Model No.		HP21-36	HP21-36	HP21-48	HP21-48	HP21-60	HP21-60
Line voltage data — 60 Hz		208/230v 1ph	208/230v 3ph	208/230v 1ph	208/230v 3ph	208/230v 1ph	208/230v 3ph
Recommended maximum fuse or circuit breaker size (amps)		40	25	40	25	60	45
*Minimum circuit ampacity		22.7	16.6	23.0	16.9	40.2	27.0
Compressor	Rated load amps	17.6	12.7	17.6	12.7	30.8	19.9
	Power factor	.98	.90	.98	.90	.92	.90
	Locked rotor amps	90.0	60.0	90.0	60.0	141.0	91.0
Outdoor Coil Fan Motor	Full load amps	0.7		1.0		1.7	
	Locked rotor amps	1.2		1.9		2.9	

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

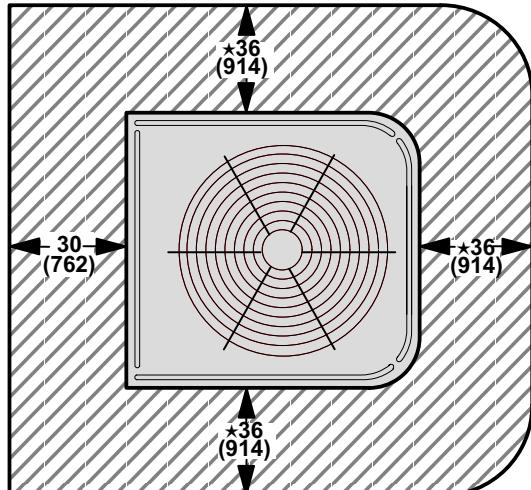
NOTE — Extremes of operating range are plus 10% and minus 5% of line voltage.

## REFRIGERANT LINE SETS

Outdoor Unit Model No.	Line Set Model No.	Length of Lines		Liquid Line Outside Diameter		Vapor Line Outside Diameter	
		ft.	m	in.	mm	in.	mm
HP21-36	L15-41-20	20	6	3/8	9.5	3/4	19
	L15-41-30	30	9				
	L15-41-40	40	12				
	L15-41-50	50	15				
HP21-48	L15-65-30	30	9	3/8	9.5	7/8	22.2
	L15-65-40	40	12				
	L15-65-50	50	15				
HP21-60	Field Fabricate		3/8	9.5	1-1/8	28.5	

Note — Refrigerant lines should not exceed 50 ft. (15 m) in any installation.

## INSTALLATION CLEARANCES - IN. (MM)



\* One side of unit may be 12 in. (305 mm)  
One of the remaining sides may be 6 in. (152 mm)  
NOTE - 48 in (1219 mm) clearance required on top of unit  
NOTE - 24 in. (610 mm) required between two units

## ARI RATINGS

Unit Size & Model No.	① ARI Standard 210/240 Ratings											Indoor Units	**Check and Expansion Valve Kit Required
	Cool. Cap. Btu/h (kW)	High Htg. Cap. Btu/h (kW)	Low Htg. Cap. Btu/h (kW)	Total Cool. Watts	SEER (EER)	Cool. C.O.P.	Total High Htg. Watts	HSPF Region IV (Region V)	High Htg. C.O.P.	Total Low Htg. Watts	Low Htg. C.O.P.		
3 Ton HP21-36 (76)	36,000 (10.5)	35,600 (10.4)	21,200 (6.2)	3840	13.05 (9.40)	2.75	3260	8.00 (6.80)	3.20	2700	2.30	Blower Coil Unit CB30M-41 (Multi-Position) CB30U-41/46 (Up-Flow)	●Factory Installed
	36,200 (10.6)	35,400 (10.4)	21,000 (6.2)	3800	13.05 (9.55)	2.79	3240	8.00 (6.75)	3.20	2675	2.30	Blower Coil Unit CB30M-46 (Multi-Position)	
	36,200 (10.6)	36,000 (10.55)	22,200 (6.5)	3700	14.65 (9.80)	2.87	3320	8.25 (7.00)	3.30	2676	2.42	③ Blower Coil Unit CB31MV-41 (Multi-Position)	
	37,400 (11.0)	35,600 (10.4)	21,000 (6.2)	3865	13.05 (9.70)	2.84	3260	8.00 (6.80)	3.20	2675	2.30	Blower Coil Unit CB30M-51 (Multi-Position) CB30U-51 (Up-Flow)	
	37,400 (11.0)	37,000 (10.8)	22,000 (6.45)	3610	14.25 (10.35)	3.04	3225	8.50 (7.00)	3.36	2535	2.54	Blower Coil Unit CB31MV-51 (Multi-Position)	
	36,400 (10.67)	36,400 (10.67)	22,000 (6.45)	3785	12.25 (9.65)	3.08	3345	7.95 (6.95)	3.20	2750	2.34	④ Blower Coil Unit CVP10-41/EC10Q3 (Up-Flow)	
	36,400 (10.67)	36,400 (10.67)	22,000 (6.45)	3775	12.20 (9.60)	3.08	3355	7.95 (6.95)	3.18	2750	2.34	④ Blower Coil Unit CVP10-46/EC10Q4 (Up-Flow)	
	36,500 (10.69)	36,000 (10.55)	24,000 (7.03)	3960	12.10 (9.20)	2.70	3300	8.20 (7.30)	3.24	2495	2.80	Indoor Coil (▲FM21) C26-51/65 (Up-Flow)	
	39,000 (11.43)	36,000 (10.55)	24,000 (7.03)	3900	12.10 (10.00)	2.93	3300	8.20 (7.30)	3.24	2495	2.80	Indoor Coil (▲FM21) C26-65EAP (Up-Flow)	
	34,800 (10.20)	35,000 (10.26)	21,400 (6.27)	3700	12.00 (9.60)	2.75	3535	7.55 (6.80)	2.90	2850	2.20	Indoor Coil (▲FM21) CR26-51 (Down-Flow)	LB-85759F (56J19)
	39,000 (11.43)	36,000 (10.55)	24,000 (7.03)	3900	12.10 (10.00)	2.93	3300	8.20 (7.30)	3.24	2495	2.80	Indoor Coil (▲FM21) CH33-62D-F (Horizontal) CH23-68 (Horizontal)	
4 Ton HP21-48 (76)	41,500 (12.2)	40,000 (11.71)	23,200 (6.8)	3800	13.05 (10.90)	3.26	3445	8.10 (6.85)	3.40	2830	2.40	Blower Coil Unit CB30M-46 (Multi-Position) CB30U-41/46 (Up-Flow)	●Factory Installed
	43,000 (12.6)	41,000 (12.0)	23,400 (6.9)	3810	13.05 (11.30)	3.31	3430	8.20 (6.85)	3.50	2855	2.40	Blower Coil Unit CB30M-51 (Multi-Position) CB30U-51 (Up-Flow)	
	43,000 (12.6)	41,000 (12.0)	23,400 (6.9)	3905	13.05 (11.00)	3.23	3430	8.10 (6.85)	3.50	2855	2.40	Blower Coil Unit CB30M-65 (Multi-Position) CB30U-65 (Up-Flow)	
	44,000 (12.9)	40,000 (11.7)	22,000 (6.45)	3790	16.15 (11.60)	3.40	3185	8.50 (7.00)	3.68	2520	2.56	③ Blower Coil Unit CB31MV-51 (Multi-Position)	
	44,000 (12.9)	40,000 (11.7)	23,000 (6.7)	3965	16.15 (11.10)	3.25	3345	8.50 (7.00)	3.48	2715	2.48	Blower Coil Unit CB31MV-65 (Multi-Position)	
	40,000 (11.71)	40,000 (11.71)	23,000 (6.74)	3905	12.05 (10.25)	3.21	3475	7.90 (6.70)	3.38	2885	2.34	④ Blower Coil Unit CVP10-51/EC10Q4 (Up-Flow)	
	43,000 (12.60)	41,000 (12.01)	23,600 (6.91)	4040	13.10 (10.60)	3.11	3465	8.00 (6.50)	3.44	2900	2.34	Indoor Coil (▲FM21) C26-65EAP (Up-Flow)	
	39,000 (11.43)	40,000 (11.72)	23,600 (6.91)	3785	12.60 (10.30)	3.00	3490	8.35 (7.05)	3.40	2880	2.40	Indoor Coil (▲FM21) CR26-65 (Down-Flow)	LB-85759G (56J20)
	43,000 (12.60)	41,000 (12.01)	23,600 (6.91)	4040	13.10 (10.60)	3.11	3465	8.00 (6.50)	3.44	2900	2.34	Indoor Coil (▲FM21) CH33-62D-F (Horizontal) CH23-68 (Horizontal)	

NOTE - Ratings for all C26 and C33 coils include all cased and uncased coils.

①Certified in accordance with the 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 db/15°F wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.

②Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

③Most popular evaporator coil.

④Canada Only.

●Furnished as standard with coil unit.

\*\*Kit is required and must be ordered extra, unless shown as factory installed.

▲FM21 Heat Pump Control - Use coil listed with any Lennox furnace that meets system design requirements. See FM21 page in this section for additional data.

## ARI RATINGS

Unit Size & Model No. ② Sound Rating No. (db)	ARI Standard 210/240 Ratings										Indoor Units	**Check and Expansion Valve Kit Required	
	Cool. Cap. Btuh (kW)	High Htg. Cap. Btuh (kW)	Low Htg. Cap. Btuh (kW)	Total Cool. Watts	SEER (EER)	Cool. C.O.P.	Total High Htg. Watts	HSPF Region IV (Region V)	High Htg. C.O.P.	Total Low Htg. Watts	Low Htg. C.O.P.		
5 Ton HP21-60 (78)	54,000 (15.8)	54,000 (15.8)	32,200 (9.4)	5770	13.00 (9.35)	2.74	5150	7.50 (6.35)	3.10	3970	2.38	Blower Coil Unit CB31MV-51 (Multi-Position)	●Factory Installed
	54,500 (16.0)	53,000 (15.5)	30,200 (8.8)	5965	12.05 (9.15)	2.68	5010	7.60 (6.55)	3.10	3845	2.30	Blower Coil Unit CB30M-51 (Multi-Position) CB30U-51 (Up-Flow)	
	56,000 (16.41)	54,500 (15.97)	30,400 (8.9)	6055	13.35 (9.25)	2.71	5415	7.50 (6.35)	2.96	4160	2.14	③ Blower Coil Unit CB31MV-65 (Multi-Position)	
	57,000 (16.7)	54,500 (16.0)	30,800 (9.0)	6190	12.05 (9.20)	2.70	5070	7.65 (6.55)	3.15	3925	2.30	Blower Coil Unit CB30M-65 (Multi-Position) CB30U-65 (Up-Flow)	
	55,000 (16.11)	53,000 (15.53)	30,000 (8.79)	5985	12.10 (9.15)	2.67	4990	7.85 (6.65)	3.11	3880	2.27	④ Blower Coil Unit CVP10-65/EC10Q5 (Up-Flow)	
	60,000 (17.58)	57,000 (16.70)	33,000 (9.67)	6585	12.05 (9.10)	2.67	5500	7.50 (6.00)	3.00	4275	2.24	Indoor Coil (▲FM21) C33-62D (Up-Flow) C26-65EAP (Up-Flow)	LB-85759G (56J20)
	60,000 (17.58)	57,000 (16.70)	33,000 (9.67)	6585	12.05 (9.10)	2.67	5500	7.50 (6.00)	3.00	4275	2.24	Indoor Coil (▲FM21) C26-65EAP (Up-Flow)	
	56,000 (16.41)	54,500 (15.97)	31,400 (9.20)	6150	12.20 (9.00)	2.55	5325	7.40 (6.40)	3.00	4185	2.20	Indoor Coil (▲FM21) CR26-65 (Down-Flow)	
	60,000 (17.58)	57,000 (16.70)	33,000 (9.67)	6585	12.05 (9.10)	2.67	5500	7.50 (6.00)	3.00	4275	2.24	Indoor Coil (▲FM21) CH33-62D-F (Horizontal) CH23-68 (Horizontal)	

NOTE - Ratings for all C26 and C33 coils include all cased and uncased coils.

①Certified in accordance with the 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 db/15°F wb outdoor air temperature and 70°F (21°C) db entering indoor coil air.

②Sound Rating Number rated in accordance with test conditions included in ARI Standard 270.

③Most popular evaporator coil.

④Canada Only.

●Furnished as standard with coil unit.

\*\*Kit is required and must be ordered extra, unless shown as factory installed.

▲FM21 Heat Pump Control - Use coil listed with any Lennox furnace that meets system design requirements. See FM21 page in this section for additional data.

## DIMENSIONS - INCHES (MM)

