



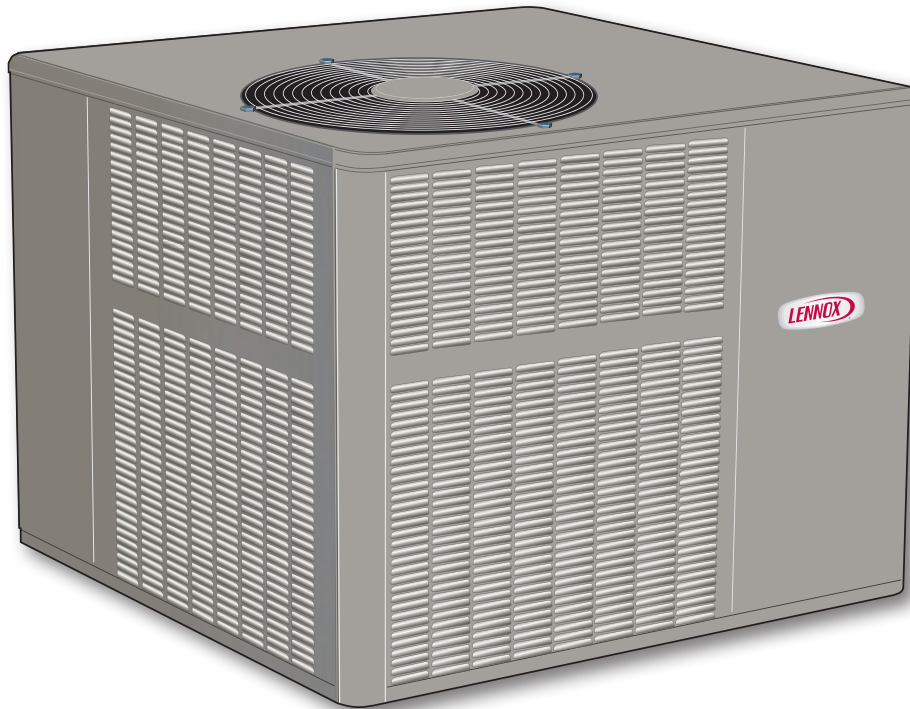
PACKAGED ELECTRIC / ELECTRIC

LRP14AC

High Efficiency Blower Motor - R-410A - 60Hz

**RESIDENTIAL
PRODUCT SPECIFICATIONS**

Bulletin No. 210907
July 2019
Supersedes Bulletin #210719



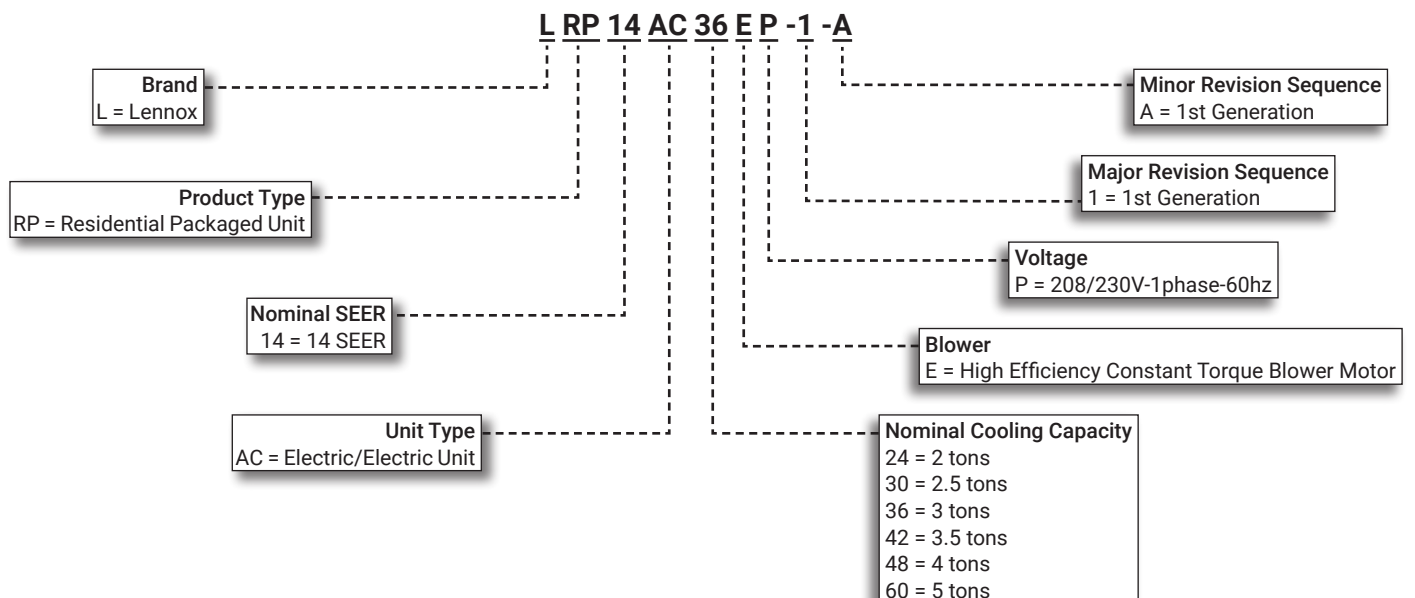
SEER - 14.00

2 to 5 Tons

Cooling Capacity - 22,600 to 57,000 Btuh

Optional Electric Heat - 5 to 20 kW

MODEL NUMBER IDENTIFICATION



CONTENTS

Approvals and Warranty	2
Blower Data	11
Cooling Ratings	10
Dimensions - Accessories	13
Dimensions - Unit	12
Electrical/Electric Heat Data	8
Electric Heat Capacities	8
Features	3
Field Wiring	7
Installation Clearances	11
Optional Accessories - Order Separately	7
Specifications	6

APPROVALS AND WARRANTY

APPROVALS

- AHRI Standard 210/240 Certified
- Design Certified by ETL Intertek
- Cooling system rated according to DOE test procedures
- Units are ETL Certified for the U.S. and Canada
- Unit and components are UL bonded for grounding to meet safety standards for servicing
- Optional electric heaters are ETL listed for the US and Canada and are rated and tested according to DOE test procedures and FTC labeling regulations
- Test operated at the factory before shipment ensuring dependable operation at start-up

WARRANTY

- Compressor:
 - Limited ten years in residential installations
 - Limited five years in non-residential installations
- All other covered components:
 - Limited five years in residential installations
 - Limited one year in non-residential installations

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

FEATURES

APPLICATIONS

- Designed for outdoor installations at ground level or rooftop for residential applications

REFRIGERATION SYSTEM

R-410A Refrigerant

- Non-chlorine, ozone friendly
- Unit is factory pre-charged

Evaporator and Condenser Coils

- Copper tube with aluminum fin coils

Anti-Microbial Evaporator Coil Drain Pan

- Anti-Microbial additive resists growth of mold and mildew on drain pan which improves indoor air quality and reduces drain line blockage

Condenser Fan

- Weather protected heavy duty condenser fan motor
- Coated steel fan blades for long life
- Corrosion-resistant coated steel fan guard
- Internally mounted
- Totally enclosed fan motor

High Pressure Switch

- Protects the system from high pressure conditions
- Automatic reset.

Loss of Charge Switch

- Shuts off unit if suction pressure falls below setting
- Loss of charge and freeze-up protection

Optional Accessories

Drain Pan Overflow Switch

- Monitors condensate level in drain pan
- Shuts down unit if drain becomes clogged

COMPRESSOR

- Rotary Compressor furnished on 24 and 30 models
- Scroll Compressor furnished on 36 through 60 models
- High volumetric efficiency
- Uniform suction flow
- Constant discharge flow
- Quiet operation
- Low gas pulses during compression reduces operational sound levels
- Compressor motor is internally protected from excessive current and temperature
- Compressor is installed in the unit on resilient rubber mounts for vibration free operation

Rotary Compressor Operation

- Rotary compressor has a cylindrical chamber
- A roller is mounted to the motor shaft and is offset to rotate in the center of the chamber
- Two spring-loaded vanes sweep the sides of the chamber as the roller rotates
- Roller touches the chamber at a point between the intake and the discharge ports as the roller rotates
- While rotating, the roller draws vapor into the chamber through the intake port
- Vapor is trapped in the space between the chamber wall, the vane, and the point of contact between the roller and the chamber
- As the next vane passes the contact point vapor is compressed
- The space becomes smaller compressing the vapor as the roller rotates
- Vapor is discharged through the discharge port

Scroll Compressor Operation

- Two involute spiral scrolls matched together generate a series of crescent-shaped gas pockets between them
- During compression, one scroll remains stationary while the other scroll orbits around it
- Gas is drawn into the outer pocket, the pocket is sealed as the scroll rotates
- As the spiral movement continues, gas pockets are pushed to the center of the scrolls. Volume between the pockets is simultaneously reduced
- When the pocket reaches the center, gas is now at high pressure and is forced out of a port located in the center of the fixed scrolls
- During compression, several pockets are compressed simultaneously resulting in a smooth continuous compression cycle
- Continuous flank contact, maintained by centrifugal force, minimizes gas leakage and maximizes efficiency
- 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
- Muffler in discharge line reduces operating sound levels

FEATURES

COMPRESSOR (continued)

Optional Accessories

Compressor Crankcase Heater (36 through 60 models)

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

Compressor Hard Start Kit (36 through 60 models)

- 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 Timed-Off Control

- Prevents compressor short-cycling
- Allows time for suction and discharge pressure to equalize
- Permits compressor start-up in an unloaded condition
- Automatic reset
- Five minute delay between compressor shut-off and start-up

CABINET

- Conditioned areas insulated with foil faced insulation
- Minimizes heat loss and reduce operating sound levels
- Powder paint for maximum durability
- Easy service access
- Steel louvered panels provides complete coil protection

Airflow Choice

- Units are shipped in horizontal configuration
- Can be field converted to downflow (vertical) airflow with optional Downflow Conversion Kit

Gas Piping Inlets, Electrical Inlets and Service Valves

- Gas piping and field wiring inlets are located in one central area of the cabinet
- See dimension drawing
- Gauge ports are located inside the cabinet

Optional Accessories

Downflow Conversion Kit

- Required for field conversion to downflow (vertical) air.
- Consists of 2 duct covers to block off horizontal air openings on side of unit
- Drain pan overflow switch monitors condensate level in drain pan
- Shuts down unit if drain becomes clogged

Lifting Brackets

- Available to facilitate rigging of the unit

Clip Curb (Full Perimeter)

- Interlocking tabs fasten corners together
- No tools required
- Available in 8 and 14 inch heights
- Shipped knocked down

Adjustable Pitch Roof Curb (Full Perimeter)

- Fully adjustable pitch curb provides a level platform for packaged units
- Allows flexible installations on roofs with sloped or uneven angles
- Adjustable from 2/12 to 6/12 pitch
- Unit hold-down brackets secure packaged unit to curb
- Constructed of heavy-gauge galvanized steel with fully welded seams and corners
- Rounded corners on flange prevent damage to roof shingles
- Built-in drip edge
- IAPMO/UMC listed
- CBC 2013 compliant (California)
- Seismic rating - $S_s=3.73$ $I_p=1.5$, wind rating - 155mph
- Maximum load rating – 800 lbs.

AIR FILTER (required)

Optional Accessories

Internal Filter Rack Kits

- Available for 1 in. thick filters
- Filter rails mount internal to unit

NOTE - Filters must be field provided.

SUPPLY AIR BLOWER

- Direct drive blower
- Blower wheel is statically and dynamically balanced
- Resiliently mounted
- Blower assembly easily removed for servicing

Constant Torque Blower Motor

- DC Brushless Motor
- High Efficiency Constant Torque
- ECM (Electronically Commutated Motor)
- Motor is programmed to provide constant torque at each of the selectable speeds
- Fixed blower "On" delay prevents cold air from entering system during gas heating demand
- See Blower Performance tables

FEATURES

CONTROLS

- 24 Volt Transformer
- 40VA transformer furnished and factory installed in control area

Optional Accessories

iComfort® M30 Smart Wi-Fi Programmable Thermostat

- Wi-Fi-enabled, electronic 7-day
- Universal, multi-stage
- 4 Heat/2 Cool
- Auto-changeover
- Dual-fuel control (optional outdoor sensor required)
- Dehumidification control during cooling mode
- Humidification control during heating mode
- Enhanced capabilities:
 - Humidification / Dehumidification
 - Dewpoint measurement and control
 - Humiditol® control
 - Equipment maintenance reminders
- 4.3 in. color touchscreen (measured diagonally)
- LCD display with backlight shows the current and set temperature, time, inside relative humidity, system status (operating mode and schedules) and outside temperature (optional outdoor sensor required)
- Smooth Setback Recovery starts system early to achieve setpoint at start of program period
- Compressor short-cycle protection (5 minutes)
- Four separate schedules available plus Schedule IQ™
- One-Touch Away Mode - Set the cooling and heating setpoints while away
- Smart Away™ - Geo-fencing technology determines when the homeowner is within a predetermined distance from the home to operate the system
- Amazon® Alexa-enabled, smart-home-compatible. Works with Amazon Echo, Echo Dot and Tap devices
- Wi-Fi remote monitoring and adjustment

NOTE - See the iComfort® M30 Smart Wi-Fi Thermostat Product Specifications bulletin in the Controls section for more information.

Remote Outdoor Temperature Sensor

- Used with the iComfort® M30 Smart Wi-Fi Thermostat
- Outdoor sensor allows thermostat to display outdoor temperature
- Automatically detected when connected to thermostat



Thermostat

- Thermostat is not furnished with unit
- Lennox Price Book for selection

ELECTRIC HEAT (5-20 KW)

Optional Accessories

- Field installed internal to unit cabinet
- Available in several voltages and kW sizes
- Helix wound nichrome heating elements exposed directly in air stream
- Instant heat transfer
- Low element temperatures and long service life
- Cutoff limit control provides positive protection in case of excessive temperatures
- Factory assembled with controls installed and wired

Single Point Power Kits

- Control Box used with optional electric heat
- For single power supply connected to multi-circuit electric heat

SPECIFICATIONS

General Data		Model No.	LRP14AC24	LRP14AC30	LRP14AC36	LRP14AC42	LRP14AC48	LRP14AC60
Nominal Tonnage			2	2.5	3	3.5	4	5
Cooling Performance	Total cooling capacity - Btuh		22,600	28,400	34,000	40,000	45,500	57,000
	Total unit watts		2055	2580	3090	3635	4180	5180
	¹ SEER (Btuh/Watt)		14.00	14.00	14.00	14.00	14.00	14.00
	EER (Btuh/Watt)		11.00	11.00	11.00	11.00	11.00	11.00
	² Sound Rating Number (dBA)		77	79	78	78	77	78
AHRI Reference No.			7845700	7845701	7845702	7845703	7845704	7845705
Refrigerant	Type		R-410A	R-410A	R-410A	R-410A	R-410A	R-410A
	Charge		4 lbs. 8 oz.	5 lbs. 0 oz.	5 lbs. 7 oz.	6 lbs. 12 oz.	7 lbs. 3 oz.	7 lbs. 13 oz.
Condensate drain size (fpt) - in.			3/4	3/4	3/4	3/4	3/4	3/4
Outdoor Coil Fan	Motor horsepower		1/6	1/6	1/6	1/4	1/4	1/4
	Diameter - in. & No. of blades		22 - 4	22 - 4	22 - 4	24 - 3	24 - 3	24 - 3
Indoor Blower	Blower wheel size dia. x width - in.		10 x 6	10 x 6	10 x 8	10 x 10	10 x 10	12 x 9
	Motor horsepower		1/3	1/2	1/2	3/4	3/4	1
Net weight of basic unit - lbs.			326	337	350	422	433	467
Shipping weight of basic unit (1 Pkg.) - lbs.			389	400	413	500	506	540
Electrical characteristics (60 hz)			208/230V-1ph-60hz					

¹ AHRI Certified to AHRI Standard 210/240; 95°F outdoor air temperature, 80°F db/67°F wb entering evaporator air.

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

OPTIONAL ACCESSORIES - ORDER SEPARATELY

	Model No.	LRP14AC24	LRP14AC30	LRP14AC36	LRP14AC42	LRP14AC48	LRP14AC60
Compressor Crankcase Heater	11X27			•	•	•	•
Compressor Hard Start Kit	10J42			•			•
	88M91				•	•	
Compressor Timed-Off Control	47J27	•	•	•	•	•	•
Downflow Conversion Kit (includes drain pan overflow switch)	11U80	•	•	•			
	11U81				•	•	•
Drain Pan Overflow Switch	11U75	•	•	•	•	•	•
Electric Heat Size - 208/240V-1ph	5 kW - PHK05BP 10W47	•	•	•	•	•	•
	7.5 kW - PHK07BP 10W48	•	•	•	•	•	•
	10 kW - PHK10BP 10W49	•	•	•	•	•	•
	15 kW - PHK15BP 10W50			•	•	•	•
	20 kW - PHK20BP 10W51				•	•	•
¹ Internal Filter Rack Kit (filters not furnished)	(1) 20 x 20 + (1) 14 x 20 11U73	•	•	•			
	(2) 20 x 20 11U74				•	•	•
Lifting Brackets	11U76	•	•	•	•	•	•
Clip Curbs	8 in. Height 14W71	•	•	•			
	14W72				•	•	•
	14 in. Height 14V68	•	•	•			
	14V69				•	•	•
Adjustable Pitch Roof Curb	Y7975	•	•	•			
	Y7976				•	•	•
Single Point Power Kits	For 5 kW Electric Heat ASPWR813-1 13W88	•	•	•	•	•	•
	For 7.5 kW Electric Heat ASPWR814-1 13W89	•	•	•	•	•	•
	For 10 kW Electric Heat ASPWR815-1 13W90	•	•	•	•	•	•
	For 15-20 kW Electric Heat ASPWR816-1 13W91			•	•	•	•

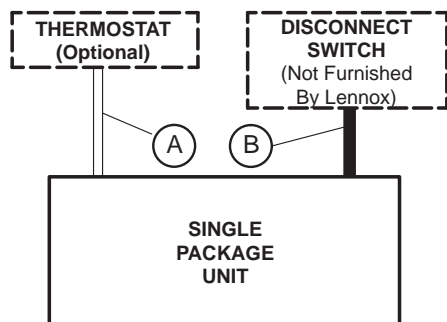
CONTROLS - ORDER SEPARATELY

iComfort® M30 Smart Wi-Fi Thermostat	15Z69	•	•	•	•	•	•
² Remote Outdoor Temperature Sensor	X2658	•	•	•	•	•	•

¹ Filters are not furnished and must be field provided.

² Allows the thermostat to display outdoor temperature.

FIELD WIRING



A – Five Wire Low Voltage (Electronic)
B – Two Wire Power (See Electrical Data Table)

If multiple disconnects are used on units with electric heat; there must be two-wire power provided for each disconnect

– Field Wiring Not Furnished –

ELECTRIC HEAT CAPACITIES

Input Voltage	5 kW			7.5 kW			10 kW			15 kW			20 kW		
	No of Steps	kW Input	KBtuh Output	No of Steps	kW Input	KBtuh Output	No of Steps	kW Input	KBtuh Output	No of Steps	kW Input	KBtuh Output	No of Steps	kW Input	KBtuh Output
208	1	3.8	12.8	1	5.6	19.2	1	7.5	25.6	1	11.2	38.2	1	15	51.2
220	1	4.2	14.3	1	6.3	21.5	1	8.4	28.7	1	12.6	43	1	16.8	57.3
230	1	4.6	15.7	1	6.9	23.5	1	9.2	31.3	1	13.8	47	1	18.4	62.7
240	1	5	17.1	1	7.5	25.6	1	10	34.1	1	15	51.2	1	20	68.2

ELECTRICAL/ELECTRIC HEAT DATA

Model No.			LRP14AC24		LRP14AC30		LRP14AC36	
Line voltage data - 60hz - 1 phase			208/230V		208/230V		208/230V	
Compressor	Rated Load Amps		8.6		10.6		15.7	
	Locked Rotor Amps		43.5		67		72.2	
Outdoor Fan Motor	Full Load Amps		1.0		1.0		1.0	
	Locked Rotor Amps		1.9		1.9		1.9	
Indoor Blower Motor		Full Load Amps	2.8		6.1		6.1	
¹ Maximum Overcurrent Protection	Voltage		208V	240V	208V	240V	208V	240V
	Unit Only	Circuit 1	20	20	25	25	35	35
	5 kW	Circuit 1	25	30	30	35	30	35
	7.5 kW	Circuit 1	40	45	40	45	40	45
	10 kW	Circuit 1	50	60	55	60	55	60
	³ 15 kW	Circuit 1	---	---	55	60	55	60
		Circuit 2	---	---	25	30	25	30
¹ Maximum Overcurrent Protection with Optional Single Point Power Supply	5 kW		45	45	50	50	50	50
	7.5 kW		60	60	60	70	60	70
	10 kW		70	70	70	80	70	80
	15 kW		---	---	90	110	90	110
² Minimum Circuit Ampacity	Unit Only	Circuit 1	16.6	16.6	18.2	18.2	22.7	22.7
	5 kW	Circuit 1	26.1	29.5	27.7	31.2	27.7	31.2
	7.5 kW	Circuit 1	37.6	42.6	39	44.2	39	44.2
	10 kW	Circuit 1	48.6	55.6	50.3	57.2	50.3	57.2
	³ 15 kW	Circuit 1	---	---	50.3	57.2	20.3	57.2
		Circuit 2	---	---	22.6	26	22.6	26
² Minimum Circuit Ampacity with Optional Single Point Power Supply	5 kW		40	43.4	44.5	47.9	46	49.5
	7.5 kW		51.3	56.5	55.8	61	57.3	62.5
	10 kW		62.5	69.5	67	76	68.6	75.5
	15 kW		---	---	89.6	100	91.1	101.5

NOTE - All units have a minimum Short Circuit Current Rating (SCCR) of 5000 amps.

NOTE - Circuit 1 Minimum Circuit Ampacity includes the Blower Motor Full Load Amps.

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

¹ HACR type breaker or fuse.

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

³ A separate compressor circuit is required.

ELECTRICAL/ELECTRIC HEAT DATA

Model No.			LRP14AC42		LRP14AC48		LRP14AC60	
Line voltage data - 60hz - 1 phase			208/230V		208/230V		208/230V	
Compressor	Rated Load Amps		15.9		16.9		26.4	
	Locked Rotor Amps		112.3		96		152.5	
Outdoor Fan Motor	Full Load Amps		1.7		1.7		1.7	
	Locked Rotor Amps		3.2		3.2		3.2	
Indoor Blower Motor		Full Load Amps	6		6		7.6	
¹ Maximum Overcurrent Protection	Voltage		208V	240V	208V	240V	208V	240V
	Unit Only	Circuit 1	40	40	45	45	60	60
	5 kW	Circuit 1	35	35	35	35	35	35
	7.5 kW	Circuit 1	45	50	45	50	45	50
	10 kW	Circuit 1	55	60	55	60	60	60
		Circuit 2	---	---	---	---	---	30
	³ 15 kW	Circuit 1	55	60	55	60	60	60
		Circuit 2	25	30	25	30	60	60
	³ 20 kW	Circuit 1	60	60	55	60	60	60
		Circuit 2	50	60	50	60	60	60
¹ Maximum Overcurrent Protection with Optional Single Point Power Supply	5 kW		60	60	60	60	65	70
	7.5 kW		70	70	70	70	80	90
	10 kW		80	80	80	90	90	100
	15 kW		100	110	100	110	110	125
	20 kW		125	150	125	150	150	150
² Minimum Circuit Ampacity	Unit Only	Circuit 1	27.5	27.5	28.7	28.7	38.9	38.9
	5 kW	Circuit 1	30.1	33.5	30.1	33.5	32.1	35.5
	7.5 kW	Circuit 1	41.6	46.6	41.6	46.6	43.6	48.6
	10 kW	Circuit 1	52.6	54.6	52.4	54.6	56.6	35.5
		Circuit 2	---	---	---	---	---	26
	³ 15 kW	Circuit 1	52.6	59.6	52.6	59.6	52.1	56.6
		Circuit 2	22.6	26	22.6	26	22.6	35.5
	³ 20 kW	Circuit 1	52.6	59.6	52.6	59.6	52.1	61.6
		Circuit 2	45.1	52.1	45.1	52.1	45.1	54.6
	5 kW		50.3	53.8	51.3	54.8	61.5	64.9
² Minimum Circuit Ampacity with Optional Single Point Power Supply	7.5 kW		61.6	66.8	62.6	67.8	73.6	78.8
	10 kW		72.9	79.9	73.9	80.8	84.8	91.8
	15 kW		95.5	105.9	96.4	106.9	107.6	119.9
	20 kW		118	131.9	119	132.9	130	163.9

NOTE - All units have a minimum Short Circuit Current Rating (SCCR) of 5000 amps.

NOTE - Circuit 1 Minimum Circuit Ampacity includes the Blower Motor Full Load Amps.

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

¹ HACR type breaker or fuse.

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

³ A separate compressor circuit is required.

COOLING RATINGS

Model No.	Indoor Temp DB/WB °F	Outdoor Temperature - DB														
		65°F			82°F			95°F			105°F			115°F		
		Btuh	S/T	kW	Btuh	S/T	kW	Btuh	S/T	kW	Btuh	S/T	kW	Btuh	S/T	kW
LRP14AC24	85/72	30,600	0.65	1.33	27,700	0.68	1.65	24,700	0.70	1.88	23,100	0.72	2.06	22,500	0.75	2.26
	80/67	27,900	0.71	1.35	25,500	0.74	1.65	22,600	0.77	1.88	21,200	0.79	2.06	20,700	0.82	2.25
	75/63	26,000	0.74	1.36	23,800	0.77	1.65	21,000	0.79	1.87	20,700	0.82	2.05	19,300	0.84	2.23
	75/57	23,800	1.00	1.39	22,100	1.00	1.64	20,700	1.00	1.87	19,600	1.00	2.04	18,500	1.00	2.22
LRP14AC30	85/72	38,200	0.68	1.83	34,700	0.71	2.16	32,000	0.74	2.42	30,500	0.74	2.6	29,000	0.78	2.86
	80/67	35,200	0.75	1.76	32,300	0.78	2.11	28,400	0.75	2.34	28,100	0.84	2.57	25,100	0.80	2.74
	75/63	33,000	0.77	1.71	30,400	0.80	2.06	27,700	0.80	2.31	25,900	0.82	2.51	24,100	0.84	2.72
	75/57	29,900	1.00	1.66	28,300	1.00	2.01	26,600	1.00	2.29	25,200	1.00	2.49	23,700	1.00	2.7
LRP14AC36	85/72	45,800	0.68	2.09	41,700	0.72	2.49	37,600	0.73	2.82	35,400	0.74	3.1	32,400	0.75	3.39
	80/67	40,800	0.75	2.1	38,500	0.75	2.51	34,400	0.79	2.81	33,200	0.84	3.09	30,500	0.85	3.38
	75/63	38,100	0.76	2.11	36,000	0.77	2.51	32,300	0.81	2.80	30,500	0.84	3.08	28,400	0.87	3.37
	75/57	35,200	1.00	2.14	33,600	1.00	2.5	30,700	1.00	2.80	29,200	1.00	3.07	27,400	1.00	3.36
LRP14AC42	85/72	54,500	0.67	2.51	48,900	0.71	2.9	45,700	0.73	3.28	44,200	0.74	3.64	42,800	0.75	4.08
	80/67	50,100	0.74	2.52	45,100	0.78	2.91	40,000	0.77	3.28	38,400	0.79	3.64	35,700	0.80	4.05
	75/63	46,800	0.76	2.52	42,700	0.80	2.91	38,800	0.81	3.29	36,300	0.82	3.65	33,500	0.83	4.06
	75/57	42,500	1.00	2.53	39,700	1.00	2.93	37,100	1.00	3.3	35,100	1.00	3.66	33,100	1.00	4.07
LRP14AC48	85/72	59,400	0.69	2.78	53,900	0.72	3.29	49,700	0.72	3.6	47,100	0.75	4.09	43,600	0.75	4.48
	80/67	54,600	0.75	2.8	49,900	0.77	3.3	46,000	0.80	3.71	42,900	0.80	4.07	40,000	0.81	4.47
	75/63	50,700	0.76	2.82	46,700	0.79	3.3	43,300	0.82	3.7	40,400	0.82	4.06	38,100	0.86	4.47
	75/57	47,200	1.00	2.83	43,800	1.00	3.29	41,000	1.00	3.7	39,000	1.00	4.06	36,900	1.00	4.47
LRP14AC60	85/72	70,300	0.63	3.5	66,100	0.64	4.19	62,800	0.65	4.72	59,200	0.70	5.27	55,500	0.76	5.82
	80/67	65,700	0.69	3.47	61,000	0.71	4.08	57,400	0.73	4.69	54,300	0.78	5.24	51,200	0.83	5.78
	75/63	61,400	0.72	3.45	56,300	0.74	4.12	52,300	0.76	4.63	50,200	0.80	5.19	48,000	0.85	5.75
	75/57	54,500	1.00	3.42	50,100	1.00	4.09	50,100	1.00	4.09	46,700	1.00	5.17	45,900	1.00	5.73

BLOWER DATA

Model No.	Blower Tap	Air Volume (cfm) at Various External Static Pressures - in. w.g.							
		0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8
LRP14AC24	Tap 1 (Fan Only)	610	560	525	485	430	---	---	---
	Tap 2 (Low Cooling)	820	795	760	720	690	650	615	575
	Tap 3 (High Cooling)	950	920	880	850	820	800	760	720
	¹ Tap 4 (Low Electric Heat)	820	795	760	720	---	---	---	---
	¹ Tap 5 (High Electric Heat)	---	---	---	---	820	800	760	720
LRP14AC30	Tap 1 (Fan Only)	850	820	780	745	710	680	630	590
	Tap 2 (Low Cooling)	1040	1000	970	935	900	875	845	815
	Tap 3 (High Cooling)	1175	1145	1115	1080	1050	1015	990	945
	¹ Tap 4 (Low Electric Heat)	1040	1000	970	935	---	---	---	---
	¹ Tap 5 (High Electric Heat)	---	---	---	---	1050	1015	990	945
LRP14AC36	Tap 1 (Fan Only)	850	800	750	700	645	600	550	480
	Tap 2 (Low Cooling)	1245	1210	1175	1140	1100	1065	1025	975
	Tap 3 (High Cooling)	1400	1370	1335	1300	1265	1220	1180	1150
	¹ Tap 4 (Low Electric Heat)	1265	1210	1175	1160	---	---	---	---
	¹ Tap 5 (High Electric Heat)	---	---	---	---	1265	1220	1180	1150
LRP14AC42	Tap 1 (Fan Only)	800	720	640	550	475	390	310	---
	Tap 2 (Low Cooling)	1470	1410	1360	1300	1260	1210	1155	1095
	Tap 3 (High Cooling)	1700	1650	1610	1575	1540	1480	1430	1390
	¹ Tap 4 (Low Electric Heat)	1630	1410	1360	1300	---	---	---	---
	¹ Tap 5 (High Electric Heat)	---	---	---	---	1540	1480	1430	1390
LRP14AC48	Tap 1 (Fan Only)	1145	1075	1000	930	850	790	740	670
	Tap 2 (Low Cooling)	1675	1630	1600	1540	1490	1440	1390	1300
	Tap 3 (High Cooling)	1800	1770	1715	1690	1640	1610	1565	1500
	¹ Tap 4 (Low Electric Heat)	1675	1630	1600	1560	---	---	---	---
	¹ Tap 5 (High Electric Heat)	---	---	---	---	1640	1610	1565	1500
LRP14AC60	Tap 1 (Fan Only)	1400	1320	1260	1200	1120	1060	980	900
	Tap 2 (Low Cooling)	1920	1870	1820	1770	1720	1670	1450	1360
	Tap 3 (High Cooling)	2240	2200	2140	2100	2060	2020	1980	1950
	¹ Tap 4 (Low Electric Heat)	1920	1870	1820	1770	---	---	---	---
	¹ Tap 5 (High Electric Heat)	---	---	---	---	2060	2020	1980	1950

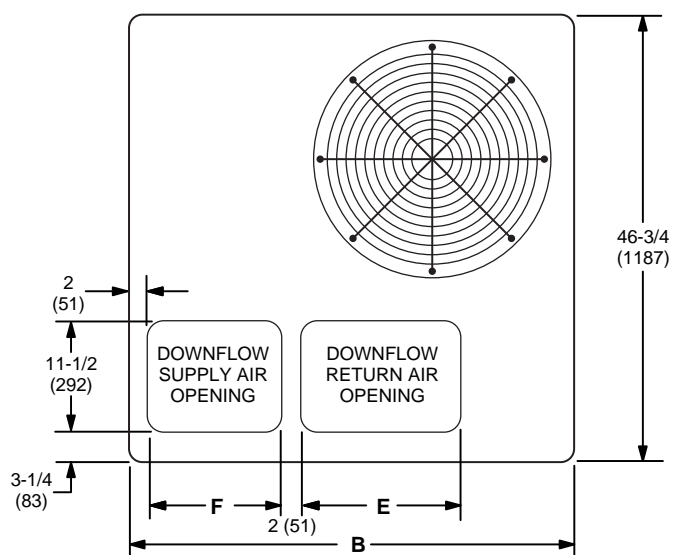
NOTE - All air data is measured external to unit without air filters.

¹ Taps 4 and 5 are used with Optional Electric Heat. Refer to Electric Heat nameplate for proper heat tap selection.

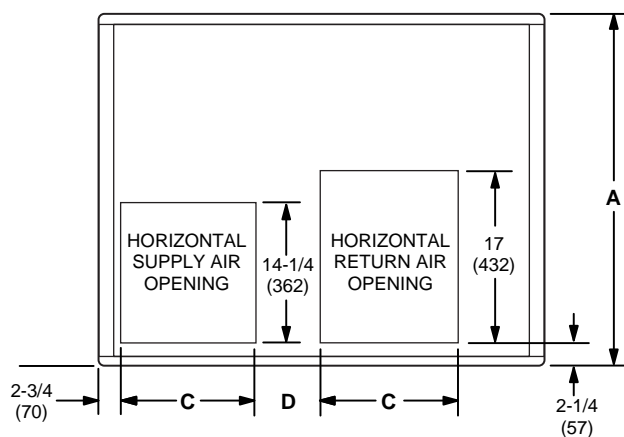
INSTALLATION CLEARANCES

	in.	mm
Front (heat exchanger access)	24	610
Right Side (blower access)	24	610
Left Side (evaporator coil access)	24	610
Back	0	0
Top	48	1219

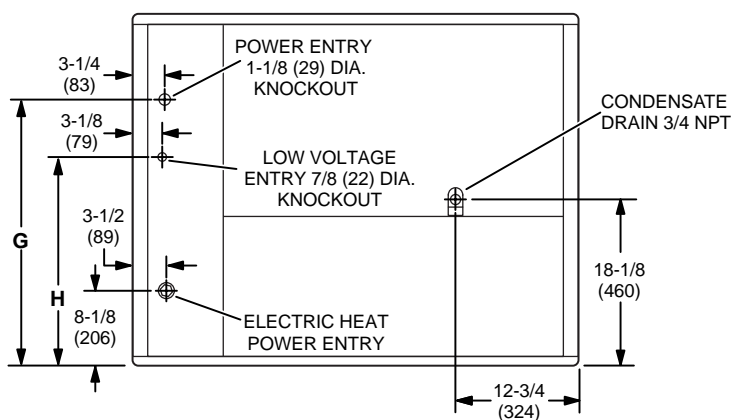
DIMENSIONS - UNIT



TOP VIEW



BACK VIEW



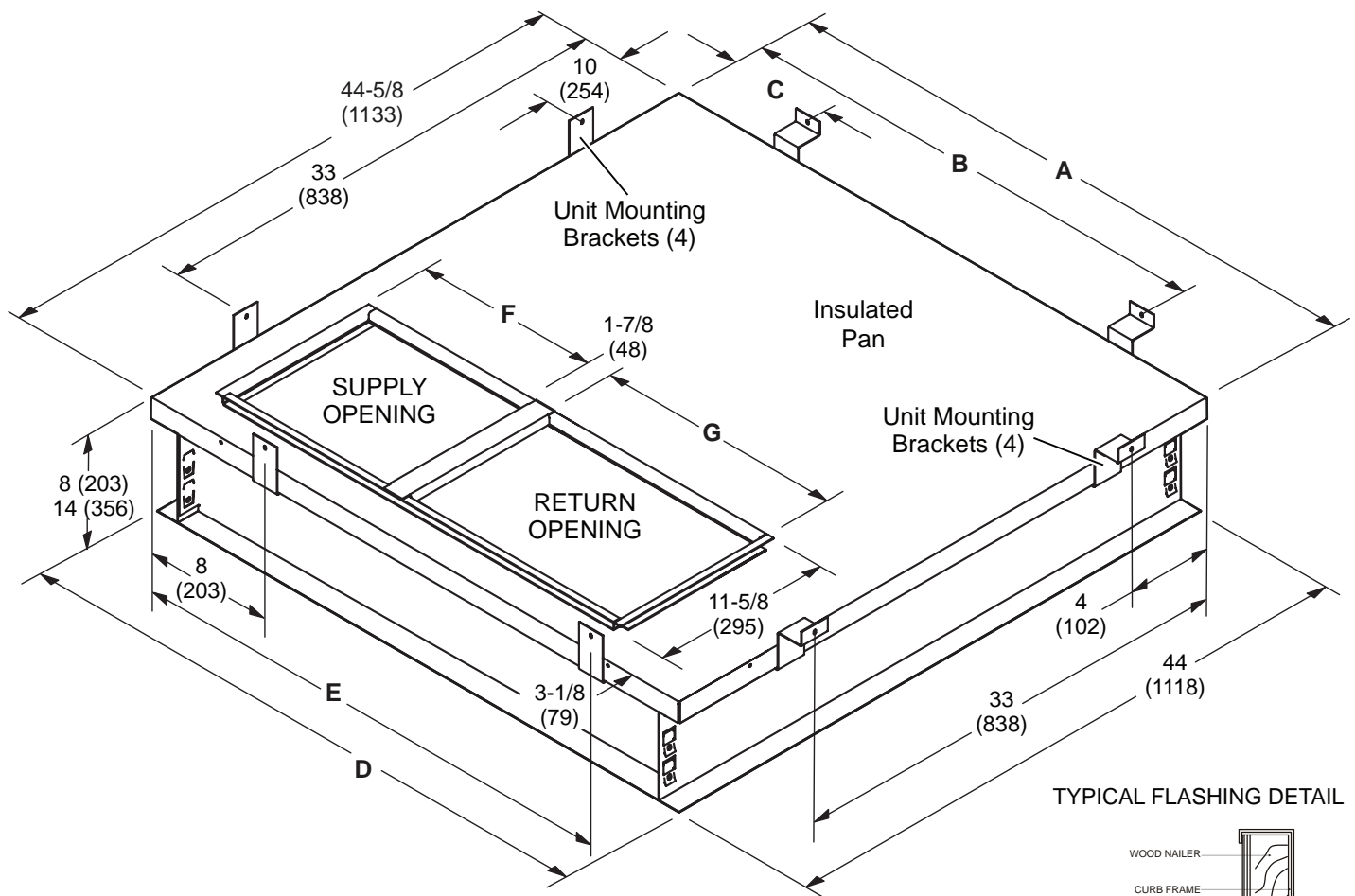
RIGHT SIDE VIEW

Model No.	A		B		C		D		E	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
LRP14AC24, 30, 36	36-7/8	937	46-3/4	1187	13-3/8	340	5-7/8	149	16-3/4	425
LRP14AC42, 48, 60	40-7/8	1038	55-1/4	1403	18-1/8	467	4-5/8	117	19-3/4	502

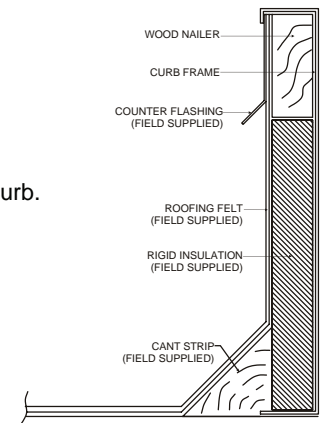
Model No.	F		G		H	
	in.	mm	in.	mm	in.	mm
LRP14AC24, 30, 36	14	356	28-1/8	714	22-1/8	562
LRP14AC42, 48, 60	19-1/2	495	32-1/8	816	26-1/8	664

DIMENSIONS - ACCESSORIES

CLIP CURB



TYPICAL FLASHING DETAIL

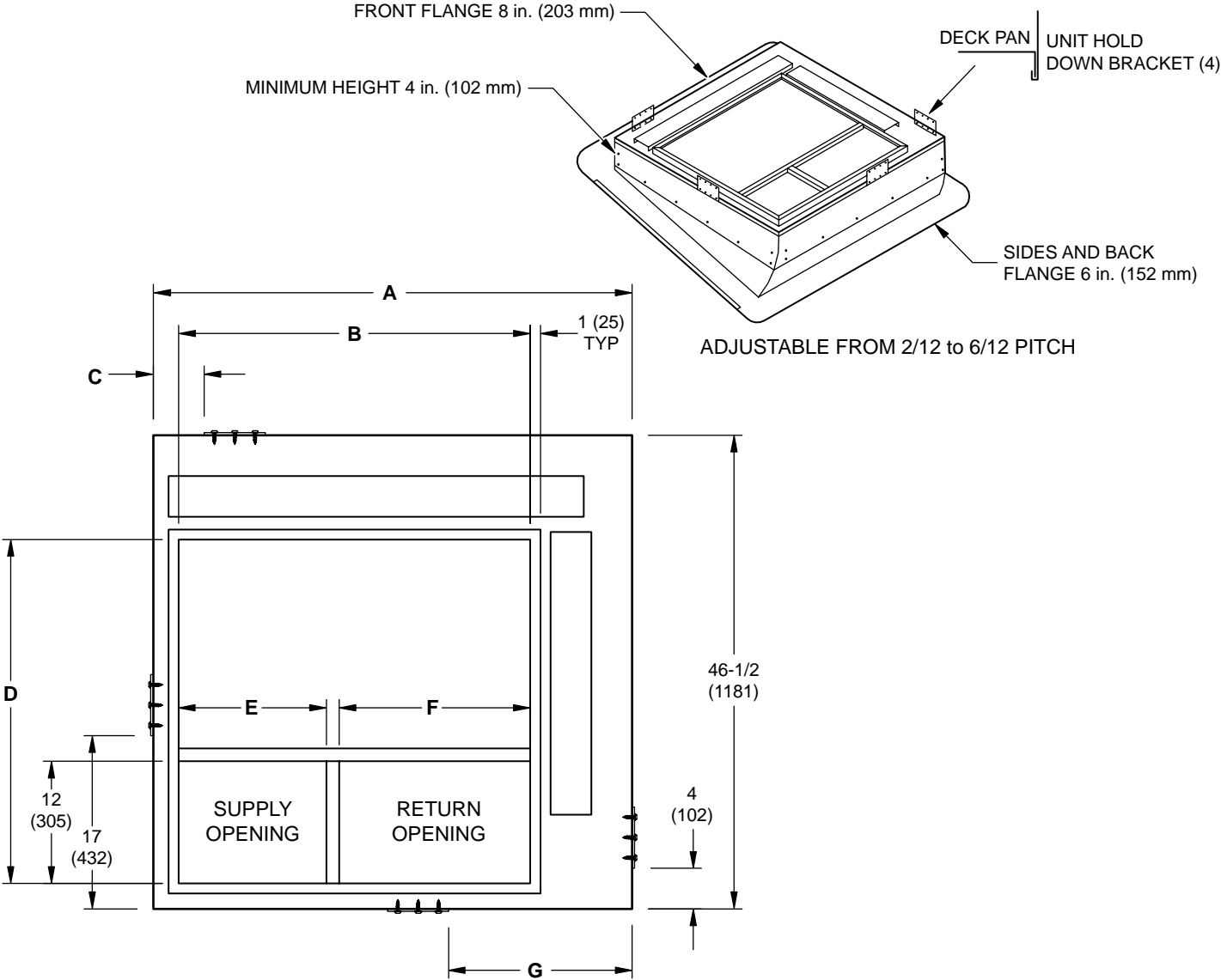


NOTE - Roof deck may be omitted within confines of curb.

Usage	A		B		C		D		E	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
24, 30, 36	44-5/8	1133	43	1092	18	457	44	1118	37	940
42, 48, 60	53-1/8	1349	51	1295	24	610	52-1/2	1334	41	1041
Usage	F		G							
	in.	mm	in.	mm						
24, 30, 36	14	356	16-3/4	425						
42, 48, 60	19-1/2	495	19-3/4	502						

DIMENSIONS - ACCESSORIES

ADJUSTABLE PITCH ROOF CURB



Usage	A		B		C		D	
	in.	mm	in.	mm	in.	mm	in.	mm
24, 30, 36	47	1194	34-1/2	876	5	127	33-3/4	857
42, 48, 60	55-1/4	1403	42-3/8	1076	10	254	33	838
Model No.	E		F		G			
	in.	mm	in.	mm	in.	mm		
24, 30, 36	14-1/2	368	18-3/4	476	18	457		
42, 48, 60	20	508	21-1/8	537	18-1/4	464		

REVISIONS

Sections	Description of Change
Blower Data	Updated.
Document	All models changed to ECM blower motors.
Features	024 and 30 models equipped with rotary copmpressors.
Electrical Data	Updated.
Ratings	Updated.
Specifications	Updated.



Visit us at www.lennox.com

For the latest technical information, www.LennoxPros.com

Contact us at 1-800-4-LENNOX

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.

©2019 Lennox Industries, Inc.