



AIR HANDLERS
CB26UH-R
MERIT® Series
R-22 - Upflow / Horizontal

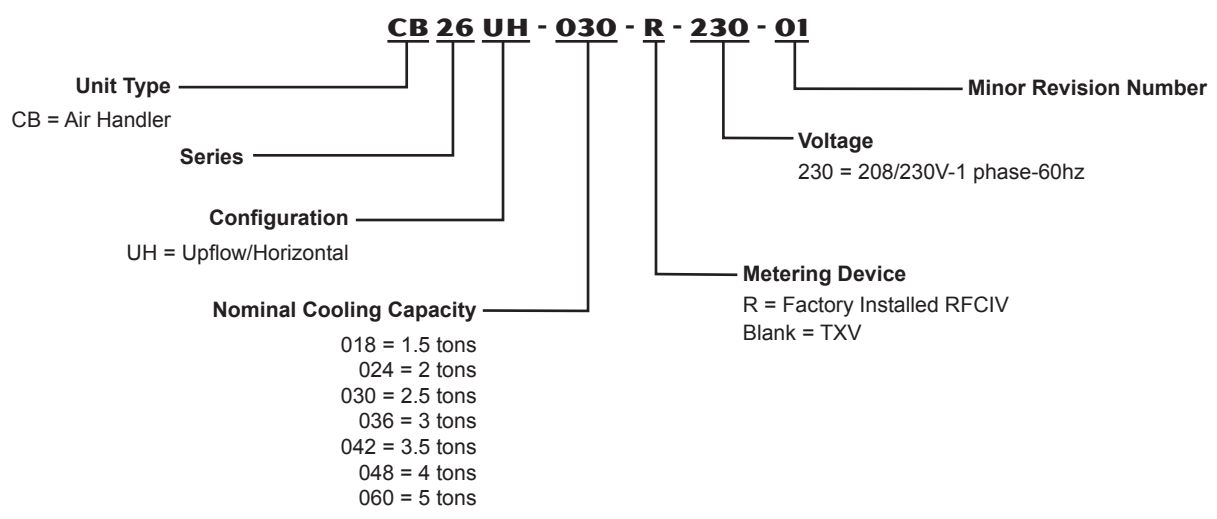
PRODUCT SPECIFICATIONS

Bulletin No. 210467
 April 2012
 Supersedes January 2012



Nominal Capacity - 1.5 to 5 Tons
Optional Electric Heat - 5 to 20 kW

MODEL NUMBER IDENTIFICATION



FEATURES

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WARRANTY

All covered components - **limited five years** in residential applications, one year in non-residential applications.

Refer to Lennox Limited Warranty Certificate included with each unit for additional details.

APPROVALS

Tested with matching air conditioners and heat pump units in the Lennox Research Laboratory environmental test room in accordance with AHRI Standard 210/240-2008.

Optional electric heaters are rated in accordance with U.S. Department of Energy (DOE) test procedures and Federal Trade Commission (FTC) labeling regulations.

Units are ETL certified for the U.S. and Canada.

Air handler components within are bonded for grounding to meet safety standards for servicing by CEC and NEC.

ISO 9001 Registered Manufacturing Quality System.

APPLICATIONS

1.5 to 5 ton nominal sizes.

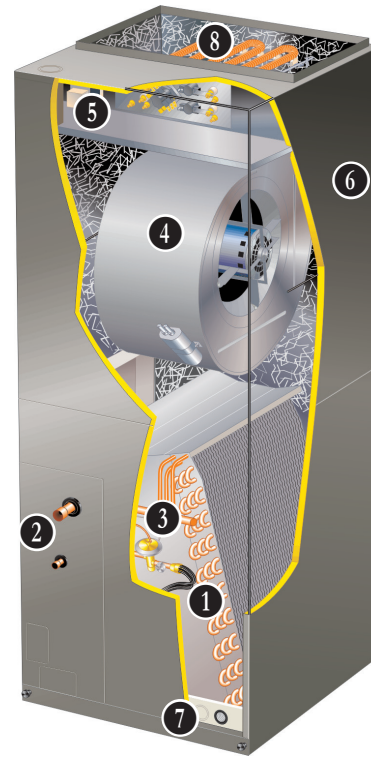
Upflow or horizontal applications. Optional downflow kit available for field conversion.

Applicable to RFCIV systems in cooling applications. CB26UH-048 applicable to expansion valve systems.

See bulletins in section Air Conditioners for cooling capacities.

See bulletins in section Heat Pump Outdoor Units for cooling and heating capacities.

Optional field installed electric heaters available in several sizes for additive heating capacity.



REFRIGERATION SYSTEM

1 Copper Tube/Enhanced Fin Evaporator Coil

Assembled in "A" configuration.

Provides extra large surface and contact area, excellent heat transfer and low air resistance for maximum efficiency.

Precise circuiting for uniform refrigerant distribution.

Precisely spaced ripple-edged aluminum fins fitted to durable seamless copper tubes.

Fins are strengthened to resist bending and are equipped with collars that grip tubing for maximum contact area.

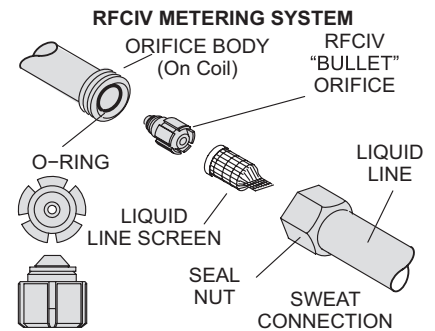
Lanced fins provide maximum exposure of fin surface to air stream.

Long life copper tubing is easy to service.

Rifled tubing provides superior heat transfer.

Flared shoulder tubing joints and silver soldering provide tight, leakproof joints.

Coil thoroughly factory tested under high pressure to insure leakproof construction.



FEATURES

REFRIGERATION SYSTEM (CONTINUED)

2 Refrigerant Line Connections

Suction (vapor) and liquid lines have sweat connections that extended outside of the cabinet for ease of connection.

See dimension drawing for locations.

3 Refrigerant Flow Control IV

All models (except -048) are applicable to Lennox RFCIV refrigerant metering system.

RFCIV accurately meters refrigerant in system.

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

Principle of Lennox RFCIV system involves matching indoor coil with proper bore size of orifice in metering device.

RFCIV system equalizes pressure shortly after compressor stops, unit starts unloaded, eliminating need for additional controls.

4 CABINET

Constructed of heavy gauge galvanized steel.

Powder paint finish.

Completely insulated with foil faced fiberglass insulation.

Removable panels provide complete service access.

Filter access door for easy filter replacement.

Electrical inlets provided in sides and top of cabinet. See dimension drawing for locations.

Knock-outs in cabinet for drain connections for upflow and horizontal (left and right) applications. See dimension drawing.

Low Leakage Cabinet

All models have less than 2% air leakage and meet ANSI/ASHRAE Standard 193-2010 "Method of Test for Determining the Air Tightness of HVAC Equipment".

Upflow/Horizontal Capability (Optional Downflow)

Shipped for upflow and horizontal left-hand discharge.

May be field converted to horizontal right-hand air discharge by repositioning horizontal drain pan.

Optional downflow kit available for field conversion.

5 Anti-Microbial Dual Position Drain Pans

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



Drain pans designed for upflow or horizontal applications.

Deep, corrosion resistant high temperature engineered polymer drain pans have dual pipe drains.

See dimension drawing.

OPTIONS

Downflow Conversion Kit

Required for field conversion to downflow position. Kit consists of drip shields and 2 brackets for repositioning coil and drain pan.

Duct Adaptor Kit

Kit allows direct connection of the ductwork to the return air opening of the air handler, not required if an external filter is used or if unit is installed on a platform in upflow applications. See dimension drawing.

Horizontal Support Frame Kit

Provides support of unit in horizontal applications.

Consists of (2) 1 x 1-1/2 x 32-5/8 in. and (2) 1 x 3 x 53-7/8 in. painted heavy gauge cold rolled steel support channels with assembly and suspending holes.

Bolts and nuts furnished for field assembly.

Suspending rods must be field provided.

6 BLOWER

Resiliently mounted two-speed motor.

Choice of blower speeds. See blower performance tables.

Speed changes easily accomplished by a simple wiring change.

Blower is easily removed from unit for servicing.

Time Delay Blower Relay

Relay allows 1 second blower "on" delay before continuous fan or cooling operation and 45 second blower "off" delay after continuous fan or cooling operation.

CONTROLS

7 Transformer and Blower Cooling Relay

24 volt transformer and blower cooling relay furnished as standard.

Factory installed in the unit control box.

OPTIONS

Thermostat

See Thermostat bulletins in Controls section and Lennox Price Book for a complete list of thermostats.

FEATURES

CABINET (CONTINUED)

OPTIONS

Side Return Unit Stand (Upflow Only)

Raises unit 16 in. above floor for side return air duct connection.

Eliminates need for wooden platform construction.

All aluminum construction.

Two adjustable frames fit all sizes.

See Dimension Drawing.

Wall Hanging Bracket Kit (Upflow Only)

Allows unit to be hung on wall at any height.

Consists of heavy gauge steel support brackets (one for air handler unit, one for wall mount).

Screws furnished for fastening one bracket to unit.

Bolts for fastening one bracket to wall are field provided.

FILTER (NOT FURNISHED)

Filter is not furnished and must be field supplied.

Filter rack furnished in cabinet for easy filter installation.

See Specifications tables for filter sizes.

ELECTRICAL

OPTIONS

8 Electric Heat

Field install internal to unit cabinet.

Available in several kW sizes.

See Electric Heat tables.

Helix wound nichrome heating elements exposed directly in air stream resulting in instant heat transfer, low element temperatures and long service life.

Each element equipped with accurately located limit control with fixed temperature off setting and automatic reset.

Thermal sequencer relay brings elements on and off line, in sequence and equal increments, with time delay between each.

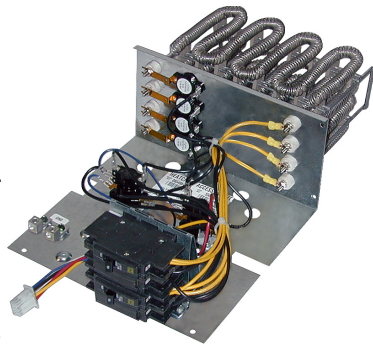
Initiates and terminates blower operation.

Heating control relay(s) furnished as standard.

Factory assembled with controls installed and wired.

Electric heat control wiring plugs into mating connector on air handler unit.

NOTE - Downflow combustible flooring base is not required when air handler is installed with optional electric heat.



Circuit Breaker Models

ECB26-5CB, ECB26-7CB, ECB26-10CB, ECB26-15CB, ECB26-20CB heaters are equipped with circuit breakers for overload and short circuit protection.

Factory wired and mounted on electric heat unit.

Current sensitive and temperature actuated.

Manual reset.

Circuit breakers qualify as disconnect means at unit in many areas, eliminate the need for field provided disconnect.

Consult local electrical code in your area.

Circuit Breaker Cover Kit

Flexible plastic cover protects circuit breaker.

Recommended in areas with high humidity or unconditioned areas to prevent nuisance tripping.

Single-point Power Source Control Box

Control Box may be used with optional electric heat when single power supply is connected to multi-circuit electric heat.

Field installs external to the unit cabinet on either side or top.

Constructed of heavy gauge steel, baked enamel finish, prepunched mounting holes, electrical inlet knockouts, and terminal strip.

Removeable cover provides easy access.

Dimensions (H x W x D) - 7 x 7 x 4 in.

SPECIFICATIONS

General Data		Model Number	CB26UH-018-R	CB26UH-024-R	CB26UH-030-R	CB26UH-036-R	CB26UH-042-R	CB26UH-048	CB26UH-060-R
		Nominal tonnage	1.5	2	2.5	3	3.5	4	5
Connections	Suction/Vapor line (o.d.) - in. sweat		3/4	3/4	7/8	7/8	7/8	7/8	7/8
	Liquid line (o.d.) - in. sweat		3/8	3/8	3/8	3/8	3/8	3/8	3/8
	Condensate - in. fpt		(2) 3/4	(2) 3/4	(2) 3/4	(2) 3/4	(2) 3/4	(2) 3/4	(2) 3/4
Metring device and orifice size			0.057	0.061	0.072	0.074	0.082	TXV	0.098
Indoor Coil	Net face area - ft. ²		4	4	4.88	4.88	5.84	7.58	8.76
	Tube outside diameter - in.		3/8	3/8	3/8	3/8	3/8	3/8	3/8
	Number of rows		3	3	3	3	3	3	3
	Fins per inch		15	14	14	14	14	14	14
Blower	Wheel nominal diameter x width - in.		10 x 6	10 x 6	11 x 8	11 x 8	11 x 8	11 x 8	11-1/2 x 9
	Blower motor output - hp		1/4	1/4	1/4	1/3	1/3	1/2	1/2
¹ Filters	Size of filter - in.		15 x 20 x 1	15 x 20 x 1	18 x 20 x 1	18 x 20 x 1	18 x 25 x 1	18 x 25 x 1	18 x 25 x 1
Shipping Data - 1 package - lbs.			129	131	148	148	172	177	190

ELECTRICAL DATA

Voltage - 1 phase (60 Hz)	208/240V	208/240V	208/240V	208/240V	208/240V	208/240V	208/240V
² Maximum overcurrent protection (unit only)	15	15	15	15	15	15	15
³ Minimum circuit ampacity (unit only)	1.5	1.5	1.6	2.0	2.6	4.1	4.1

OPTIONAL ACCESSORIES - ORDER SEPARATELY

Circuit Breaker Cover Kit	82W01	•	•	•	•	•	•	•
Downflow Conversion Kit	12W61	•	•	•	•	•	•	•
Duct Adaptor Kit	X8103	•						
	X8104		•	•	•	•	•	•
Horizontal Support Frame Kit	56J18	•	•	•	•	•	•	•
Side Return Unit Stand (Upflow Only)	45K23	•	•	•	•	•	•	•
Single Point Power Source Control Box (for Electric Heat)	21H39	•	•	•	•	•	•	•
Wall Hanging Bracket Kit (Upflow Only)	45K30	•	•	•	•	•	•	•

¹ Filter is not furnished and must be field supplied.

² HACR type circuit breaker or fuse.

³ Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements. Use wires suitable for at least 167°F.

INSTALLATION CLEARANCES WITH ELECTRIC HEAT

Cabinet	0 inch (0 mm)
To Plenum	1 inch (25 mm)
To Outlet Duct within 3 feet (914 mm)	1 inch (25 mm)
Floor	0 inch (0 mm)
Service / Maintenance	See Note #1

¹ Front service access - 24 inches (610 mm) minimum.

NOTE - If cabinet depth is more than 24 inches (610 mm), allow a minimum of the cabinet depth plus 2 inches (51 mm).

REPLACEMENT CIRCUIT BREAKERS

Voltage	Description	Catalog No.
208/240V - 1 Phase	25 amp, 2 pole	41K13
	30 amp, 2 pole	17K70
	35 amp, 2 pole	72K07
	40 amp, 2 pole	49K14
	45 amp, 2 pole	17K71
	50 amp, 2 pole	41K12

BLOWER DATA

CB26UH-018-R BLOWER PERFORMANCE

External Static Pressure in. w.g.	Air Volume at Specific Blower Taps (cfm)		
	High	Medium	Low
0.10	1035	995	720
0.20	960	925	700
0.30	875	840	655
0.40	780	705	610
0.50	665	625	515

NOTE - All air data measured external to unit with dry coil and 1 inch non-pleated air filter in place.
Electric heaters have no appreciable air resistance.

CB26UH-024-R BLOWER PERFORMANCE

External Static Pressure in. w.g.	Air Volume at Specific Blower Taps (cfm)		
	High	Medium	Low
0.10	1035	995	750
0.20	960	925	700
0.30	875	840	655
0.40	780	705	610
0.50	665	625	515

NOTE - All air data measured external to unit with dry coil and 1 inch non-pleated air filter in place.
Electric heaters have no appreciable air resistance.

CB26UH-030-R BLOWER PERFORMANCE

External Static Pressure in. w.g.	Air Volume at Specific Blower Taps (cfm)		
	High	Medium	Low
0.10	1290	1060	930
0.20	1270	1045	915
0.30	1215	1015	890
0.40	1155	950	840
0.50	1045	840	735

NOTE - All air data measured external to unit with dry coil and 1 inch non-pleated air filter in place.
Electric heaters have no appreciable air resistance.

CB26UH-036-R BLOWER PERFORMANCE

External Static Pressure in. w.g.	Air Volume at Specific Blower Taps (cfm)		
	High	Medium	Low
0.10	1495	1355	1135
0.20	1470	1345	1120
0.30	1415	1315	1110
0.40	1335	1260	1080
0.50	1250	1090	995

NOTE - All air data measured external to unit with dry coil and 1 inch non-pleated air filter in place.
Electric heaters have no appreciable air resistance.

CB26UH-042-R BLOWER PERFORMANCE

External Static Pressure in. w.g.	Air Volume at Specific Blower Taps (cfm)		
	High	Medium	Low
0.10	1803	1707	1603
0.20	1749	1635	1542
0.30	1665	1561	1474
0.35	1614	1530	1449
0.40	1545	1482	1407
0.45	1474	1416	1373
0.50	1416	1373	1301
0.55	1373	1292	1254

NOTE - All air data measured external to unit with dry coil and 1 inch non-pleated air filter in place.
Electric heaters have no appreciable air resistance.

CB26UH-048 BLOWER PERFORMANCE

External Static Pressure in. w.g.	Air Volume at Specific Blower Taps (cfm)		
	High	Medium	Low
0.10	2181	2158	1743
0.20	2112	1943	1700
0.30	1918	1826	1641
0.35	1839	1771	1596
0.40	1771	1700	1565
0.45	1700	1657	1517
0.50	1642	1581	1451
0.55	1549	1517	1399

NOTE - All air data measured external to unit with dry coil and 1 inch non-pleated air filter in place.
Electric heaters have no appreciable air resistance.

CB26UH-060-R BLOWER PERFORMANCE

External Static Pressure in. w.g.	Air Volume at Specific Blower Taps (cfm)		
	High	Medium	Low
0.10	2276	2080	1734
0.20	2184	2038	1712
0.30	2092	1971	1688
0.35	2020	1920	1673
0.40	1958	1855	1644
0.45	1881	1801	1567
0.50	1842	1717	1503
0.55	1675	1583	1418

NOTE - All air data measured external to unit with dry coil and 1 inch non-pleated air filter in place.
Electric heaters have no appreciable air resistance.

ELECTRIC HEAT DATA

SINGLE PHASE		CB26UH-018-R / CB26UH-024-R									
Description	Input			Blower Motor Full Load Amps	² Minimum Circuit Ampacity		³ Maximum Overcurrent Protection		Single Point Power Source		
	Volt	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	² Minimum Circuit Ampacity	³ Maximum Overcurrent Protection	
2.5 kW ECB26-2.5 (19W05) Terminal Block	208	1.9	6,400	1.5	13.3	---	15	---	---	---	
	220	2.1	7,200	1.4	13.7	---	15	---	---	---	
	230	2.3	7,800	1.4	14.3	---	15	---	---	---	
	240	2.5	8,500	1.4	14.8	---	15	---	---	---	
5 kW ECB26-5 (99M64) Terminal Block ECB26-5CB (99M65) Circuit Breaker	208	3.8	12,800	1.5	24.7	---	⁴ 25	---	---	---	
	220	4.2	14,300	1.4	25.6	---	30	---	---	---	
	230	4.6	15,700	1.4	26.8	---	30	---	---	---	
	240	5.0	17,100	1.4	27.8	---	30	---	---	---	
7.5 kW ECB26-7 (99M67) Terminal Block ECB26-7CB (99M66) Circuit Breaker	208	5.6	19,200	1.5	35.5	---	⁴ 40	---	---	---	
	220	6.3	21,500	1.4	37.5	---	⁴ 40	---	---	---	
	230	6.9	23,500	1.4	39.3	---	⁴ 40	---	---	---	
	240	7.5	25,600	1.4	40.8	---	45	---	---	---	
10 kW ECB26-10 (99M68) Terminal Block ECB26-10CB (99M69) Circuit Breaker	208	7.5	25,600	1.5	46.9	---	⁴ 50	---	---	---	
	220	8.4	28,700	1.4	49.5	---	⁴ 50	---	---	---	
	230	9.2	31,400	1.4	51.8	---	60	---	---	---	
	240	10.0	34,100	1.4	53.8	---	60	---	---	---	
SINGLE PHASE		CB26UH-030-R									
Description	Input			Blower Motor Full Load Amps	² Minimum Circuit Ampacity		³ Maximum Overcurrent Protection		Single Point Power Source		
	Volt	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	² Minimum Circuit Ampacity	³ Maximum Overcurrent Protection	
2.5 kW ECB26-2.5 (19W05) Terminal Block	208	1.9	6,400	1.6	13.4	---	15	---	---	---	
	220	2.1	7,200	1.5	13.8	---	15	---	---	---	
	230	2.3	7,800	1.5	14.4	---	15	---	---	---	
	240	2.5	8,500	1.5	14.9	---	15	---	---	---	
5 kW ECB26-5 (99M64) Terminal Block ECB26-5CB (99M65) Circuit Breaker	208	3.8	12,800	1.6	24.8	---	⁴ 25	---	---	---	
	220	4.2	14,300	1.5	25.7	---	30	---	---	---	
	230	4.6	15,700	1.5	26.9	---	30	---	---	---	
	240	5.0	17,100	1.5	27.9	---	30	---	---	---	
7.5 kW ECB26-7 (99M67) Terminal Block ECB26-7CB (99M66) Circuit Breaker	208	5.6	19,200	1.6	35.7	---	⁴ 40	---	---	---	
	220	6.3	21,500	1.5	37.7	---	⁴ 40	---	---	---	
	230	6.9	23,500	1.5	39.4	---	⁴ 40	---	---	---	
	240	7.5	25,600	1.5	40.9	---	45	---	---	---	
10 kW ECB26-10 (99M68) Terminal Block ECB26-10CB (99M69) Circuit Breaker	208	7.5	25,600	1.6	47.1	---	⁴ 50	---	---	---	
	220	8.4	28,700	1.5	49.6	---	⁴ 50	---	---	---	
	230	9.2	31,400	1.5	51.9	---	60	---	---	---	
	240	10.0	34,100	1.5	54.0	---	60	---	---	---	
12.5 kW ECB26-12.5CB (19W00) Circuit Breaker	208	9.4	32,000	1.6	35.8	22.6	⁴ 40	⁴ 25	59	60	
	220	10.5	35,800	1.5	37.7	23.9	⁴ 40	⁴ 25	62	70	
	230	11.5	39,200	1.5	39.3	24.9	⁴ 40	⁴ 25	65	70	
	240	12.5	42,600	1.5	40.9	26.0	45	30	67	70	
15 kW ECB26-15CB (99M70) Circuit Breaker	208	11.3	38,400	1.6	47.1	22.6	⁴ 50	⁴ 25	70	70	
	220	12.6	43,000	1.5	49.8	23.9	⁴ 50	⁴ 25	74	80	
	230	13.5	47,000	1.5	51.8	24.9	60	⁴ 25	77	80	
	240	15.0	51,200	1.5	54.0	26.0	60	30	80	80	

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements. Use wires suitable for at least 167°F.

³ HACR type breaker or fuse.

⁴ **Bold indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on page 5.**

ELECTRIC HEAT DATA

SINGLE PHASE		CB26UH-036-R									
		Input			Blower Motor Full Load Amps	² Minimum Circuit Ampacity		³ Maximum Overcurrent Protection		Single Point Power Source	
		Volt	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	² Minimum Circuit Ampacity	³ Maximum Overcurrent Protection
2.5 kW	ECB26-2.5 (19W05) Terminal Block	208	1.9	6,400	2.1	14.0	---	15	---	---	---
		220	2.1	7,200	2.0	14.4	---	15	---	---	---
		230	2.3	7,800	2.0	15.0	---	15	---	---	---
		240	2.5	8,500	2.0	15.5	---	20	---	---	---
5 kW	ECB26-5 (99M64) Terminal Block	208	3.8	12,800	2.1	25.5	---	30	---	---	---
		220	4.2	14,300	2.0	26.4	---	30	---	---	---
	ECB26-5CB (99M65) Circuit Breaker	230	4.6	15,700	2.0	27.5	---	30	---	---	---
		240	5.0	17,100	2.0	28.5	---	30	---	---	---
7.5 kW	ECB26-7 (99M67) Terminal Block	208	5.6	19,200	2.1	36.3	---	⁴ 40	---	---	---
		220	6.3	21,500	2.0	38.3	---	⁴ 40	---	---	---
	ECB26-7CB (99M66) Circuit Breaker	230	6.9	23,500	2.0	40.0	---	⁴ 40	---	---	---
		240	7.5	25,600	2.0	41.6	---	45	---	---	---
10 kW	ECB26-10 (99M68) Terminal Block	208	7.5	25,600	2.1	47.7	---	⁴ 50	---	---	---
		220	8.4	28,700	2.0	50.2	---	60	---	---	---
	ECB26-10CB (99M69) Circuit Breaker	230	9.2	31,400	2.0	52.5	---	60	---	---	---
		240	10.0	34,100	2.0	54.6	---	60	---	---	---
12.5 kW	ECB26-12.5CB (19W00) Circuit Breaker	208	9.4	32,000	2.1	36.4	22.6	⁴ 40	30	59	60
		220	10.5	35,800	2.0	38.3	23.9	⁴ 40	30	63	70
		230	11.5	39,200	2.0	39.9	24.9	⁴ 40	30	65	70
		240	12.5	42,600	2.0	41.6	26.0	45	30	68	70
15 kW	ECB26-15CB (99M70) Circuit Breaker	208	11.3	38,400	2.1	47.8	22.6	⁴ 50	30	71	80
		220	12.6	43,000	2.0	50.5	23.9	60	30	75	80
		230	13.5	47,000	2.0	52.4	24.9	60	30	78	80
		240	15.0	51,200	2.0	54.6	26.0	60	30	81	90

SINGLE PHASE		CB26UH-042-R									
		Input			Blower Motor Full Load Amps	² Minimum Circuit Ampacity		³ Maximum Overcurrent Protection		Single Point Power Source	
		Volt	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	² Minimum Circuit Ampacity	³ Maximum Overcurrent Protection
2.5 kW	ECB26-2.5 (19W05) Terminal Block	208	1.9	6,400	2.6	14.7	---	15	---	---	---
		220	2.1	7,200	2.5	15.1	---	20	---	---	---
		230	2.3	7,800	2.5	15.6	---	20	---	---	---
		240	2.5	8,500	2.5	16.1	---	20	---	---	---
5 kW	ECB26-5 (99M64) Terminal Block	208	3.8	12,800	2.6	26.1	---	30	---	---	---
		220	4.2	14,300	2.5	27.0	---	30	---	---	---
	ECB26-5CB (99M65) Circuit Breaker	230	4.6	15,700	2.5	28.1	---	30	---	---	---
		240	5.0	17,100	2.5	29.2	---	30	---	---	---
7.5 kW	ECB26-7 (99M67) Terminal Block	208	5.6	19,200	2.6	36.9	---	⁴ 40	---	---	---
		220	6.3	21,500	2.5	38.9	---	⁴ 40	---	---	---
	ECB26-7CB (99M66) Circuit Breaker	230	6.9	23,500	2.5	40.6	---	45	---	---	---
		240	7.5	25,600	2.5	42.2	---	45	---	---	---
10 kW	ECB26-10 (99M68) Terminal Block	208	7.5	25,600	2.6	48.3	---	⁴ 50	---	---	---
		220	8.4	28,700	2.5	50.9	---	60	---	---	---
	ECB26-10CB (99M69) Circuit Breaker	230	9.2	31,400	2.5	53.1	---	60	---	---	---
		240	10.0	34,100	2.5	55.2	---	60	---	---	---
12.5 kW	ECB26-12.5CB (19W00) Circuit Breaker	208	9.4	32,000	2.6	37.1	22.6	⁴ 40	⁴ 25	60	60
		220	10.5	35,800	2.5	38.9	23.9	⁴ 40	⁴ 25	63	70
		230	11.5	39,200	2.5	40.5	24.9	45	⁴ 25	66	70
		240	12.5	42,600	2.5	42.2	26.0	45	30	69	70
15 kW	ECB26-15CB (99M70) Circuit Breaker	208	11.3	38,400	2.6	48.4	22.6	⁴ 50	25	71	80
		220	12.6	43,000	2.5	51.1	23.9	60	⁴ 25	75	80
		230	13.5	47,000	2.5	53.0	24.9	60	⁴ 25	78	80
		240	15.0	51,200	2.5	55.2	26.0	60	30	82	90

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

¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements. Use wires suitable for at least 167°F.

³ HACR type breaker or fuse.

⁴ **Bold indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on page 5.**

ELECTRIC HEAT DATA

SINGLE PHASE		CB26UH-048-060-R									
kW	Description	Input			Blower Motor Full Load Amps (240V)	² Minimum Circuit Ampacity		³ Maximum Overcurrent Protection		Single Point Power Source	
		Volt	kW	¹ Btuh		Ckt 1	Ckt 2	Ckt 1	Ckt 2	² Minimum Circuit Ampacity	³ Maximum Overcurrent Protection
2.5 kW	ECB26-2.5 (19W05) Terminal Block	208	1.9	6,400	4.1	16.5	---	20	---	---	---
		220	2.1	7,200	3.9	16.8	---	20	---	---	---
		230	2.3	7,800	3.9	17.4	---	20	---	---	---
		240	2.5	8,500	3.9	17.9	---	20	---	---	---
5 kW	ECB26-5 (99M64) Terminal Block ECB26-5CB (99M65) Circuit Breaker	208	3.8	12,800	4.1	28.0	---	30	---	---	---
		220	4.2	14,300	3.9	28.7	---	30	---	---	---
		230	4.6	15,700	3.9	29.9	---	30	---	---	---
		240	5.0	17,100	3.9	30.9	---	⁴ 35	---	---	---
7.5 kW	ECB26-7 (99M67) Terminal Block ECB26-7CB (99M66) Circuit Breaker	208	5.6	19,200	4.1	38.8	---	⁴ 40	---	---	---
		220	6.3	21,500	3.9	40.7	---	45	---	---	---
		230	6.9	23,500	3.9	42.4	---	45	---	---	---
		240	7.5	25,600	3.9	43.9	---	45	---	---	---
10 kW	ECB26-10 (99M68) Terminal Block ECB26-10CB (99M69) Circuit Breaker	208	7.5	25,600	4.1	50.2	---	60	---	---	---
		220	8.4	28,700	3.9	52.6	---	60	---	---	---
		230	9.2	31,400	3.9	54.9	---	60	---	---	---
		240	10.0	34,100	3.9	57.0	---	60	---	---	---
12.5 kW	ECB26-12.5CB (19W00) Circuit Breaker	208	9.4	32,000	4.1	38.9	22.6	⁴ 40	25	62	70
		220	10.5	35,800	3.9	40.7	23.9	45	25	65	70
		230	11.5	39,200	3.9	42.3	24.9	45	25	68	70
		240	12.5	42,600	3.9	43.9	26.0	45	30	70	70
15 kW	ECB26-15CB (99M70) Circuit Breaker	208	11.3	38,400	4.1	50.3	22.6	60	25	73	80
		220	12.6	43,000	3.9	52.8	23.9	60	25	77	80
		230	13.5	47,000	3.9	54.8	24.9	60	25	80	80
		240	15.0	51,200	3.9	57.0	26.0	60	30	83	90
20 kW	ECB26-20CB (99M71) Circuit Breaker	208	15.0	51,200	4.1	50.3	45.1	60	⁴ 50	96	100
		220	16.8	57,300	3.9	52.8	48.0	60	⁴ 50	101	110
		230	18.4	62,700	3.9	54.8	49.9	60	⁴ 50	105	110
		240	20.0	68,200	3.9	57.0	52.1	60	60	110	110

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

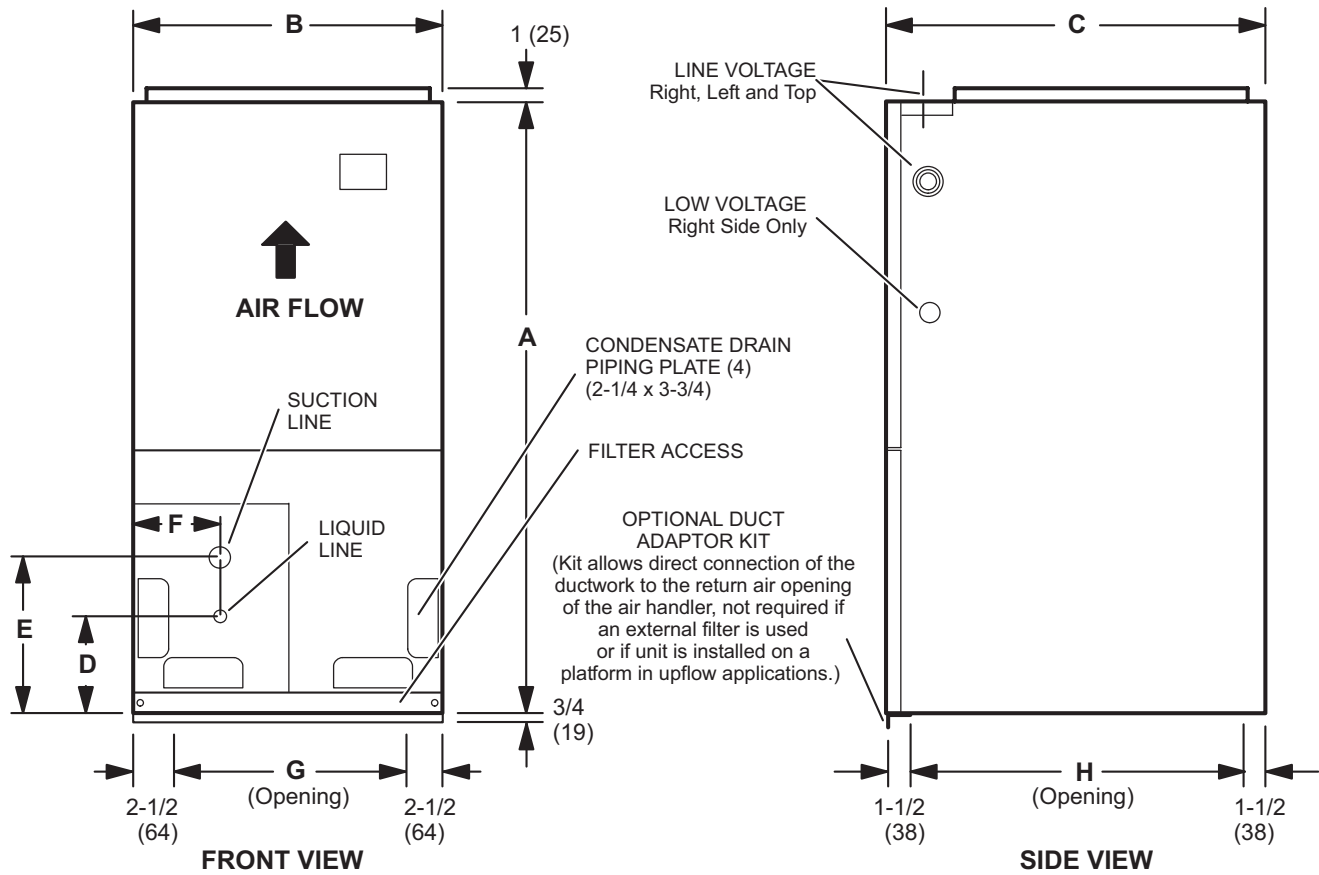
¹ Electric heater capacity only - does not include additional blower motor heat capacity.

² Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements. Use wires suitable for at least 167°F.

³ HACR type breaker or fuse.

⁴ **Bold indicates that the circuit breaker on "CB" circuit breaker models must be replaced with size shown. See Table on page 5.**

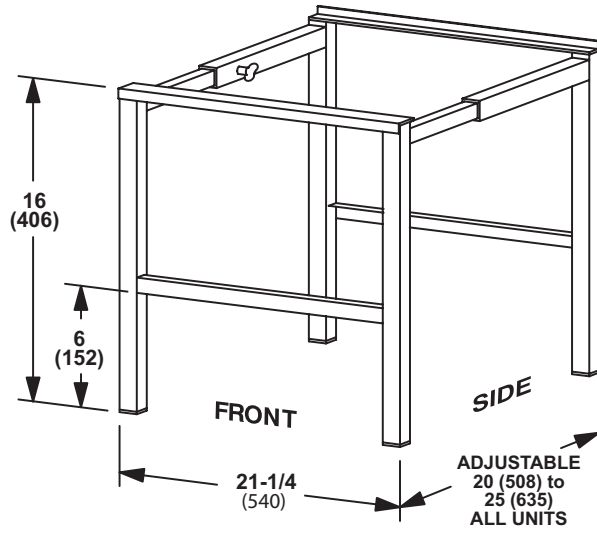
DIMENSIONS - INCHES (MM) - UPFLOW POSITION SHOWN



Dimension	-018, -024		-030, -036		-042, -048		-060		
	in.	mm	in.	mm	in.	mm	in.	mm	
A	46-3/4	1187	51	1295	54	1372	60	1524	
B	18-1/2	470	21-1/4	540	21-1/4	540	21-1/4	540	
C	22	559	22	559	26	660	26	660	
D	11	279	12-1/2	318	12	305	11-3/4	298	
E	16	406	18-1/2	470	16-3/4	425	17	432	
F	5-1/2	140	6	152	4	102	4	102	
G	13-1/2	343	16	406	16	406	16	406	
H	19	483	19	483	23	584	23	584	
Supply Air Opening	Depth	17	432	17	432	21	533	21	533
	Width	16-1/2	419	19-1/4	489	19-1/4	489	19-1/4	489

ACCESSORY DIMENSIONS - INCHES (MM)

**SIDE RETURN UNIT STAND
(Upflow Only)**



REVISIONS

Sections	Description of Change
Features	Changed Time Delay Blower Relay settings. Added less than 2% low leakage cabinet statement.



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