AIR HANDLERS

CBX26UH

MERIT® SERIES

Up-Flow / Horizontal

ENGINEERING DATA

Bulletin No. 210494
August 2008
Supersedes May 2007

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

MODEL NUMBER IDENTIFICATION

CB X 26 UH - 030 - 230 - 1

Unit Type
CB - Air Handler

Refrigerant Type
X = R-410A

Series

Configuration
UH = Up-Flow / Horizontal

Nominal Cooling Capacity
018 = 1.5 tons
024 = 2 tons
030 = 2.5 tons
036 = 3 tons
037 = 3 tons
042 = 3.5 tons
048 = 4 tons
060 = 5 tons

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

Minor Revision Number

FEATURES

CONTENTS

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.

APPLICATIONS

1.5 to 5 ton nominal sizes.

Up-flow or horizontal applications. Optional down-flow kit available for field conversion.

CBX26UH models applicable to R-410A expansion valve systems in cooling applications and check and expansion valve systems in heat pump applications.

Wide-range check and expansion valve is factory installed.

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.

APPROVALS

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

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

Air handlers are UL Listed to US and Canadian safety standards and components within are bonded for grounding to meet safety standards for servicing required by CEC and NEC.

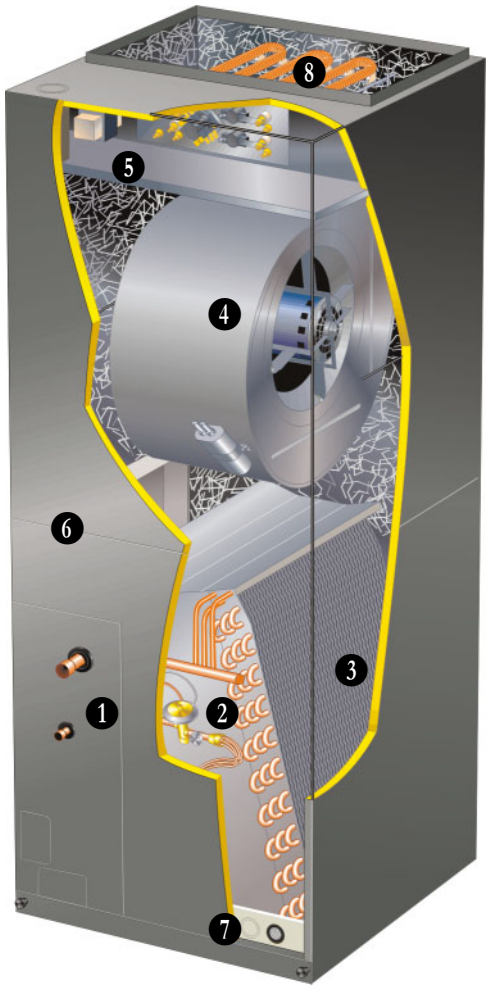
ISO 9001 Registered Manufacturing Quality System.

REFRIGERANT SYSTEM

1 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.



2 Check and Expansion Valve Furnished

CBX26UH models have non-chlorine, ozone friendly, R-410A valve.

Wide range valve.

Chatleff style fitting.

Factory installed on all models internal to cabinet.

3 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.

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.

FEATURES

4 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 30 second blower "on" delay before continuous fan or cooling operation and 30 second blower "off" delay after continuous fan or cooling operation.

CONTROLS

5 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.

6 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 up-flow (left and right) and horizontal applications. See dimension drawing.

Up-Flow/Horizontal Capability (Optional Down-Flow)

Shipped for up-flow and horizontal left-hand discharge.
May be field converted to horizontal right-hand air discharge by repositioning horizontal drain pan.
Optional down-flow kit available for field conversion.

7 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.

Microban antimicrobial product protection

Drain pans designed for up-flow or horizontal applications.
Deep, corrosion resistant high temperature engineered polymer drain pans have dual pipe drains.
See dimension drawing.

OPTIONS

Down-Flow Combustible Floor Base (Down-Flow Only)

Additive base required for models with electric heat installed in down-flow position on combustible floors.

Down-Flow Conversion Kit

Required for field conversion to down-flow 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 up-flow 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.

Side Return Unit Stand (Up-Flow 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.

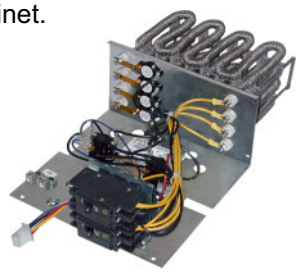
Wall Hanging Bracket Kit (Up-Flow Only)

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.

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.

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 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	CBX26UH-018	CBX26UH-024	CBX26UH-030	CBX26UH-036
	Nominal tonnage	1.5	2	2.5	3
Connections	Suction/Vapor line (o.d.) - in. (mm) sweat	3/4 (19)	3/4 (19)	7/8 (22.2)	7/8 (22.2)
	Liquid line (o.d.) - in. (mm) sweat	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Condensate - in. (mm) fpt	(2) 3/4 (19)	(2) 3/4 (19)	(2) 3/4 (19)	(2) 3/4 (19)
Indoor Coil	Net face area - ft.^{2} (m^2)	4 (0.37)	4 (0.37)	4.88 (0.45)	4.88 (0.45)
	Tube outside diameter - in. (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Number of rows	3	3	3	3
	Fins per inch (fins per m)	15 (591)	14 (551)	14 (551)	14 (551)
Blower	Wheel nominal diameter x width - in. (mm)	10 x 6 (254 x 152)	10 x 6 (254 x 152)	11 x 8 (279 x 203)	11 x 8 (279 x 203)
	Blower motor output - hp (W)	1/4 (187)	1/4 (187)	1/4 (187)	1/3 (249)
[1] **Filters**	Size of filter - in. (mm)	16 x 20 x 1 (406 x 508 x 25)	16 x 20 x 1 (406 x 508 x 25)	18 x 20 x 1 (457 x 508 x 25)	18 x 20 x 1 (457 x 508 x 25)
ELECTRICAL DATA					
	Voltage - 1 phase (60 hz)	208/240V	208/240V	208/240V	208/240V
	[2] Maximum overcurrent protection (unit only)	15	15	15	15
	[3] Minimum circuit ampacity (unit only)	1.5	1.5	1.6	2.0
Shipping Data -1 package - lbs. (kg)		129 (58)	131 (59)	148 (67)	148 (67)

SPECIFICATIONS

General Data	Model Number	CBX26UH-037	CBX26UH-042	CBX26UH-048	CBX26UH-060
	Nominal tonnage	3	3.5	4	5
Connections	Suction/Vapor line (o.d.) - in. (mm) sweat	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)	7/8 (22.2)
	Liquid line (o.d.) - in. (mm) sweat	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Condensate - in. (mm) fpt	(2) 3/4 (19)	(2) 3/4 (19)	(2) 3/4 (19)	(2) 3/4 (19)
Indoor Coil	Net face area - ft.^{2} (m^2)	5.84 (0.54)	5.84 (0.54)	7.58 (0.70)	8.76 (0.81)
	Tube outside diameter - in. (mm)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)	3/8 (9.5)
	Number of rows	3	3	3	3
	Fins per inch (fins per m)	14 (551)	14 (551)	14 (551)	14 (551)
Blower	Wheel nominal diameter x width - in. (mm)	11 x 8 (279 x 203)	11 x 8 (279 x 203)	11 x 8 (279 x 203)	11-1/2 x 9 (292 x 229)
	Blower motor output - hp (W)	1/3 (249)	1/3 (249)	1/2 (373)	1/2 (373)
[1] **Filters**	Size of filter - in. (mm)	18 x 25 x 1 (457 x 635 x 25)	18 x 25 x 1 (457 x 635 x 25)	18 x 25 x 1 (457 x 635 x 25)	18 x 25 x 1 (457 x 635 x 25)
ELECTRICAL DATA					
	Voltage - 1 phase (60 hz)	208/240V	208/240V	208/240V	208/240V
	[2] Maximum overcurrent protection (unit only)	15	15	15	15
	[3] Minimum circuit ampacity (unit only)	1.8	2.0	2.6	4.1
Shipping Data -1 package - lbs. (kg)		172 (78)	172 (78)	177 (80)	190 (86)

[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 (75°C).

OPTIONAL ACCESSORIES - MUST BE ORDERED EXTRA

Model	-018 -024	-030 -036	-037 -042 -048	-060
Circuit Breaker Cover Kit	**93M85**	**93M85**	**93M85**	**93M85**
Down-Flow Combustible Floor Base	**12W95**	**12W96**	**12W97**	**12W97**
Down-Flow Conversion Kit	**12W61**	**12W61**	**12W61**	**12W61**
Duct Adaptor Kit	**X8103**	**X8104**	**X8104**	**X8104**
Horizontal Support Frame Kit	**56J18**	**56J18**	**56J18**	**56J18**
Side Return Unit Stand (Up-Flow Only)	**45K32**	**45K32**	**45K32**	**45K32**
Single Point Power Source Control Box (for Electric Heat)	**21H39**	**21H39**	**21H39**	**21H39**
Wall Hanging Bracket Kit (Up-Flow Only)	**45K30**	**45K30**	**45K30**	**45K30**

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**

INSTALLATION CLEARANCES

Cabinet	0 inch (0 mm)
Plenum and Outlet duct on air handler units	1 inch (25 mm)
Plenum and Warm air duct within 3 feet (914mm) of cabinet	1 inch (25 mm)
Floor	Combustible

BLOWER DATA

CBX26UH-018 BLOWER PERFORMANCE

External Static Pressure		Air Volume at Specific Blower Taps			
		High		Low	
in. w.g.	Pa	cfm	L/s	cfm	L/s
.10	25	1020	460	755	340
.20	50	960	435	715	325
.30	75	885	400	675	305
.40	100	800	365	625	285
.50	125	690	315	570	260
.60	150	525	250	500	235

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.

CBX26UH-024 BLOWER PERFORMANCE

External Static Pressure		Air Volume at Specific Blower Taps			
		High		Low	
in. w.g.	Pa	cfm	L/s	cfm	L/s
.10	25	1040	470	1000	455
.20	50	980	445	940	425
.30	75	905	410	870	395
.40	100	815	370	785	355
.50	125	705	320	680	310
.60	150	535	250	530	250

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.

CBX26UH-030 BLOWER PERFORMANCE

External Static Pressure		Air Volume at Specific Blower Taps			
		High		Low	
in. w.g.	Pa	cfm	L/s	cfm	L/s
.10	25	1350	610	1145	520
.20	50	1290	585	1090	495
.30	75	1225	555	1030	465
.40	100	1150	520	960	435
.50	125	1065	485	875	395
.60	125	965	455	775	365

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.

CBX26UH-036 BLOWER PERFORMANCE

External Static Pressure		Air Volume at Specific Blower Taps			
		High		Low	
in. w.g.	Pa	cfm	L/s	cfm	L/s
.10	25	1560	705	1405	635
.20	50	1480	670	1340	610
.30	75	1390	630	1270	575
.40	100	1290	585	1185	540
.50	125	1170	530	1090	495
.60	150	1015	480	975	460

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.

CBX26UH-037 BLOWER PERFORMANCE

External Static Pressure		Air Volume at Specific Blower Taps			
		High		Low	
in. w.g.	Pa	cfm	L/s	cfm	L/s
.10	25	1570	740	1330	625
.20	50	1520	715	1310	620
.30	75	1440	680	1250	590
.40	100	1300	615	1180	555
.50	125	1170	550	1070	505
.60	150	950	450	840	395

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.

CBX26UH-042 BLOWER PERFORMANCE

External Static Pressure		Air Volume at Specific Blower Taps			
		High		Low	
in. w.g.	Pa	cfm	L/s	cfm	L/s
.10	25	1940	880	1785	810
.20	50	1845	835	1705	775
.30	75	1745	790	1615	730
.40	100	1630	740	1515	685
.50	125	1495	680	1400	635
.60	150	1330	630	1265	595

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.

CBX26UH-048 BLOWER PERFORMANCE

External Static Pressure		Air Volume at Specific Blower Taps			
		High		Low	
in. w.g.	Pa	cfm	L/s	cfm	L/s
.10	25	1945	880	1870	850
.20	50	1860	845	1790	810
.30	75	1765	800	1700	770
.40	100	1660	155	1600	725
.50	125	1540	700	1485	675
.60	150	1395	660	1350	635

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.

CBX26UH-060 BLOWER PERFORMANCE

External Static Pressure		Air Volume at Specific Blower Taps			
		High		Low	
in. w.g.	Pa	cfm	L/s	cfm	L/s
.10	25	2160	980	2075	940
.20	50	2065	935	1985	900
.30	75	1960	890	1885	855
.40	100	1845	835	1775	805
.50	125	1710	775	1645	745
.60	150	1550	730	1495	705

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 ELECTRIC HEAT	Description	CBX26UH-018 / CBX26UH-024							
		Input			Blower Motor Full Load Amps	[2] Minimum Circuit Ampacity		[3] Maximum Overcurrent Protection	
		Volt	kW	[1] Btuh		Circuit 1	Circuit 2	Circuit 1	Circuit 2
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	27.8	- - -	30	- - -
		230	4.6	15,700	1.4	27.8	- - -	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	21500	1.4	40.8	- - -	45	- - -
		230	6.9	23500	1.4	40.8	- - -	45	- - -
		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	47.0	- - -	[4] **50**	- - -
		220	8.4	28,700	1.4	53.8	- - -	60	- - -
		230	9.2	31,400	1.4	53.8	- - -	60	- - -
		240	10.0	34,100	1.4	53.8	- - -	60	- - -

SINGLE PHASE ELECTRIC HEAT	Model Number	CBX26UH-030							
		Input			Blower Motor Full Load Amps	[2] Minimum Circuit Ampacity		[3] Maximum Overcurrent Protection	
		Volt	kW	[1] Btuh		Circuit 1	Circuit 2	Circuit 1	Circuit 2
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	27.9	- - -	30	- - -
		230	4.6	15,700	1.5	27.9	- - -	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	35.6	- - -	[4] **40**	- - -
		220	6.3	21500	1.5	40.9	- - -	45	- - -
		230	6.9	23500	1.5	40.9	- - -	45	- - -
		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	54.0	- - -	60	- - -
		230	9.2	31,400	1.5	54.0	- - -	60	- - -
		240	10.0	34,100	1.5	54.0	- - -	60	- - -
15 kW	ECB26-15CB **(99M70)** Circuit Breaker	208	11.3	38,400	1.6	47.1	22.8	[4] **50**	[4] **25**
		220	12.6	43,000	1.5	54.0	26.0	60	30
		230	13.5	47,000	1.5	54.0	26.0	60	30
		240	15.0	51,200	1.5	54.0	26.0	60	30

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 (75°C).

[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 ELECTRIC HEAT	Description	CBX26UH-036 / CBX26UH-037							
		Input			Blower Motor Full Load Amps	[2] Minimum Circuit Ampacity		[3] Maximum Overcurrent Protection	
		Volt	kW	[1] Btuh		Circuit 1	Circuit 2	Circuit 1	Circuit 2
5 kW	ECB26-5 **(99M64)** Terminal Block ECB26-5CB **(99M65)** Circuit Breaker	208	3.8	12,800	2.1	25.5	- - -	30	- - -
		220	4.2	14,300	2.0	28.6	- - -	30	- - -
		230	4.6	15,700	2.0	28.6	- - -	30	- - -
		240	5.0	17,100	2.0	28.6	- - -	30	- - -
7.5 kW	ECB26-7 **(99M67)** Terminal Block ECB26-7CB **(99M66)** Circuit Breaker	208	5.6	19,200	2.1	36.3	- - -	**[4] 40**	- - -
		220	6.3	21500	2.0	41.6	- - -	45	- - -
		230	6.9	23500	2.0	41.6	- - -	45	- - -
		240	7.5	25,600	2.0	41.6	- - -	45	- - -
10 kW	ECB26-10 **(99M68)** Terminal Block ECB26-10CB **(99M69)** Circuit Breaker	208	7.5	25,600	2.1	47.7	- - -	**[4] 50**	- - -
		220	8.4	28,700	2.0	54.6	- - -	60	- - -
		230	9.2	31,400	2.0	54.6	- - -	60	- - -
		240	10.0	34,100	2.0	54.6	- - -	60	- - -
15 kW	ECB26-15CB **(99M70)** Circuit Breaker	208	11.3	38,400	2.1	47.7	22.8	**[4] 50**	**[4] 25**
		220	12.6	43,000	2.0	54.6	26.0	60	30
		230	13.5	47,000	2.0	54.6	26.0	60	30
		240	15.0	51,200	2.0	54.6	26.0	60	30

SINGLE PHASE ELECTRIC HEAT	Model Number	CBX26UH-042							
		Input			Blower Motor Full Load Amps	[2] Minimum Circuit Ampacity		[3] Maximum Overcurrent Protection	
		Volt	kW	[1] Btuh		Circuit 1	Circuit 2	Circuit 1	Circuit 2
5 kW	ECB26-5 **(99M64)** Terminal Block ECB26-5CB **(99M65)** Circuit Breaker	208	3.8	12,800	2.1	25.5	- - -	30	- - -
		220	4.2	14,300	2.0	28.6	- - -	30	- - -
		230	4.6	15,700	.2.0	28.6	- - -	30	- - -
		240	5.0	17,100	2.0	28.6	- - -	30	- - -
7.5 kW	ECB26-7 **(99M67)** Terminal Block ECB26-7CB **(99M66)** Circuit Breaker	208	5.6	19,200	2.1	36.3	- - -	**[4] 40**	- - -
		220	6.3	21500	2.0	41.6	- - -	45	- - -
		230	6.9	23500	2.0	41.6	- - -	45	- - -
		240	7.5	25,600	2.0	41.6	- - -	45	- - -
10 kW	ECB26-10 **(99M68)** Terminal Block ECB26-10CB **(99M69)** Circuit Breaker	208	7.5	25,600	2.1	47.7	- - -	**[4] 50**	- - -
		220	8.4	28,700	2.0	54.6	- - -	60	- - -
		230	9.2	31,400	2.0	54.6	- - -	60	- - -
		240	10.0	34,100	2.0	54.6	- - -	60	- - -
15 kW	ECB26-15CB **(99M70)** Circuit Breaker	208	11.3	38,400	2.1	47.7	22.8	**[4] 50**	**[4] 25**
		220	12.6	43,000	2.0	54.6	26.0	60	30
		230	13.5	47,000	2.0	54.6	26.0	60	30
		240	15.0	51,200	2.0	54.6	26.0	60	30

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 (75°C).

[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 ELECTRIC HEAT		CBX26UH-048							
	Description	Input			Blower Motor Full Load Amps	[2] Minimum Circuit Ampacity		[3] Maximum Overcurrent Protection	
		Volt	kW	[1] Btuh		Circuit 1	Circuit 2	Circuit 1	Circuit 2
5 kW	ECB26-5 **(99M64)** Terminal Block ECB26-5CB **(99M65)** Circuit Breaker	208	3.8	12,800	2.6	26.1	- - -	30	- - -
		220	4.2	14,300	2.5	29.2	- - -	30	- - -
		230	4.6	15,700	2.5	29.2	- - -	30	- - -
		240	5.0	17,100	2.5	29.2	- - -	30	- - -
7.5 kW	ECB26-7 **(99M67)** Terminal Block ECB26-7CB **(99M66)** Circuit Breaker	208	5.6	19,200	2.6	36.9	- - -	**[4] 40**	- - -
		220	6.3	21500	2.5	42.2	- - -	45	- - -
		230	6.9	23500	2.5	42.2	- - -	45	- - -
		240	7.5	25,600	2.5	42.2	- - -	45	- - -
10 kW	ECB26-10 **(99M68)** Terminal Block ECB26-10CB **(99M69)** Circuit Breaker	208	7.5	25,600	2.6	48.3	- - -	**[4] 50**	- - -
		220	8.4	28,700	2.5	55.2	- - -	60	- - -
		230	9.2	31,400	2.5	55.2	- - -	60	- - -
		240	10.0	34,100	2.5	55.2	- - -	60	- - -
15 kW	ECB26-15CB **(99M70)** Circuit Breaker	208	11.3	38,400	2.6	48.3	22.8	**[4] 50**	**[4] 25**
		220	12.6	43,000	2.5	55.2	26.0	60	30
		230	13.5	47,000	2.5	55.2	26.0	60	30
		240	15.0	51,200	2.5	55.2	26.0	60	30
20 kW	ECB26-20CB **(99M71)** Circuit Breaker	208	15.0	51,200	2.6	48.3	45.1	**[4] 50**	**[4] 50**
		220	16.8	57,300	2.5	55.2	52.1	60	60
		230	18.4	62,700	2.5	55.2	52.1	60	60
		240	20.0	68,200	2.5	55.2	52.1	60	60

SINGLE PHASE ELECTRIC HEAT		CBX26UH-060							
	Model Number	Input			Blower Motor Full Load Amps (240V)	[2] Minimum Circuit Ampacity		[3] Maximum Overcurrent Protection	
		Volt	kW	[1] Btuh		Circuit 1	Circuit 2	Circuit 1	Circuit 2
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	30.9	- - -	35	- - -
		230	4.6	15,700	3.9	30.9	- - -	35	- - -
		240	5.0	17,100	3.9	30.9	- - -	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	21500	3.9	43.9	- - -	45	- - -
		230	6.9	23500	3.9	43.9	- - -	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	57.0	- - -	60	- - -
		230	9.2	31,400	3.9	57.0	- - -	60	- - -
		240	10.0	34,100	3.9	57.0	- - -	60	- - -
15 kW	ECB26-15CB **(99M70)** Circuit Breaker	208	11.3	38,400	4.1	50.2	22.8	60	**[4] 25**
		220	12.6	43,000	3.9	57.0	26.0	60	30
		230	13.5	47,000	3.9	57.0	26.0	60	30
		240	15.0	51,200	3.9	57.0	26.0	60	30
20 kW	ECB26-20CB **(99M71)** Circuit Breaker	208	15.0	51,200	4.1	50.2	45.1	60	**[4] 50**
		220	16.8	57,300	3.9	57.0	52.1	60	60
		230	18.4	62,700	3.9	57.0	52.1	60	60
		240	20.0	68,200	3.9	57.0	52.1	60	60

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

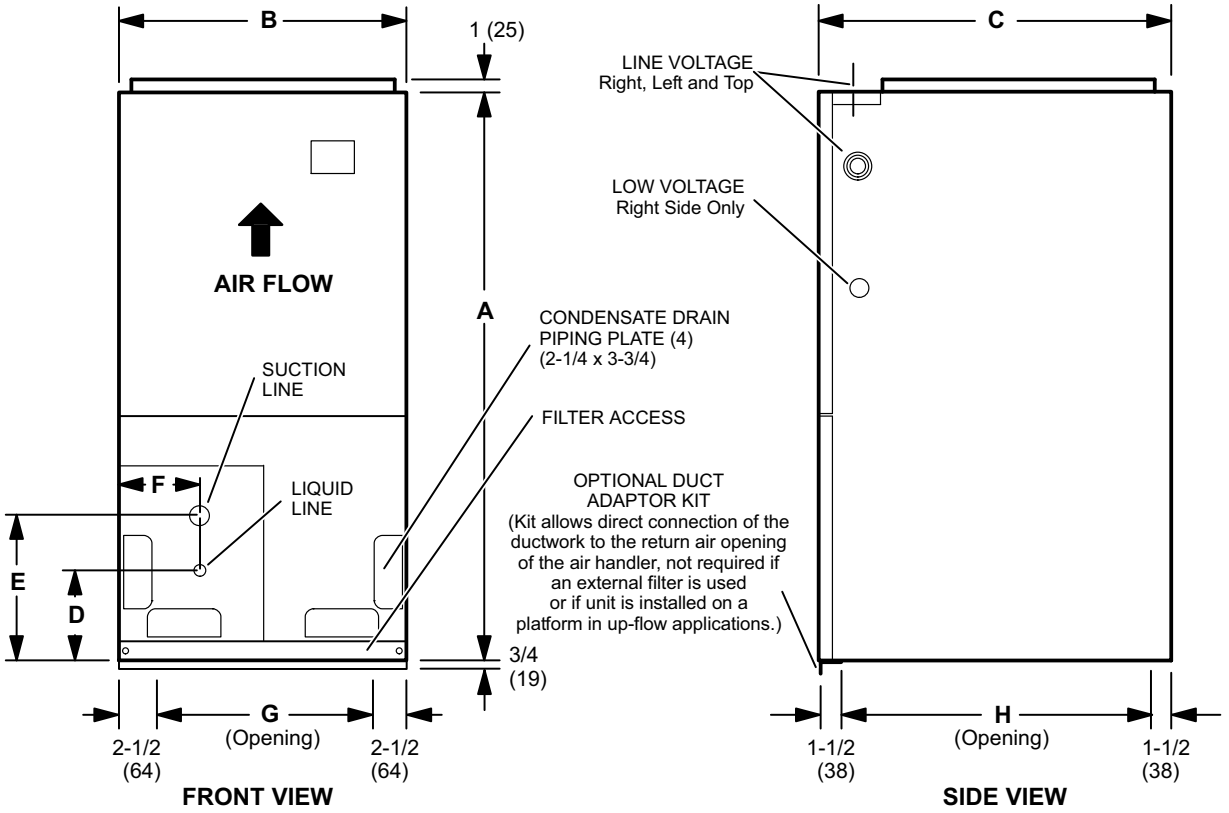
[1] Electric heater capacity only - does not include additional blower motor heat capacity.

[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 (75°C).

[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.

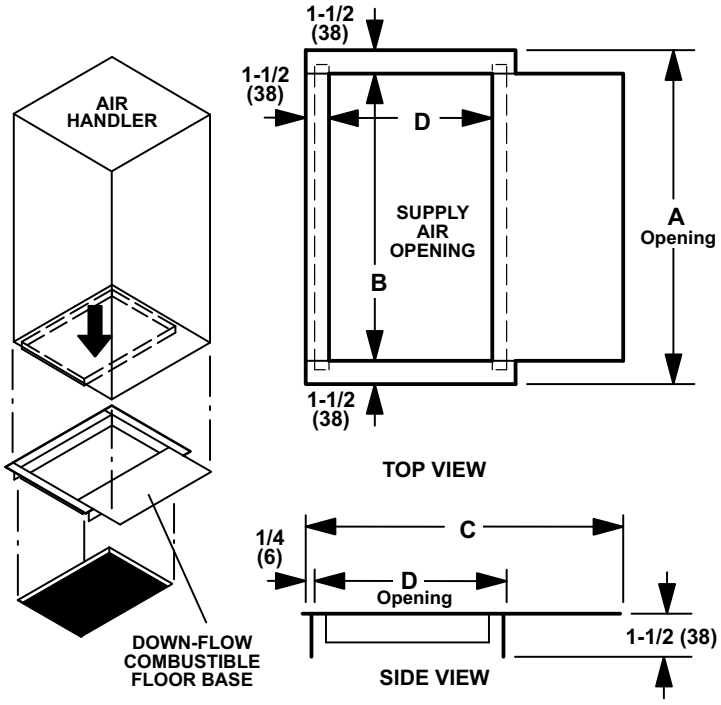
DIMENSIONS - INCHES (MM) - UP-FLOW POSITION SHOWN



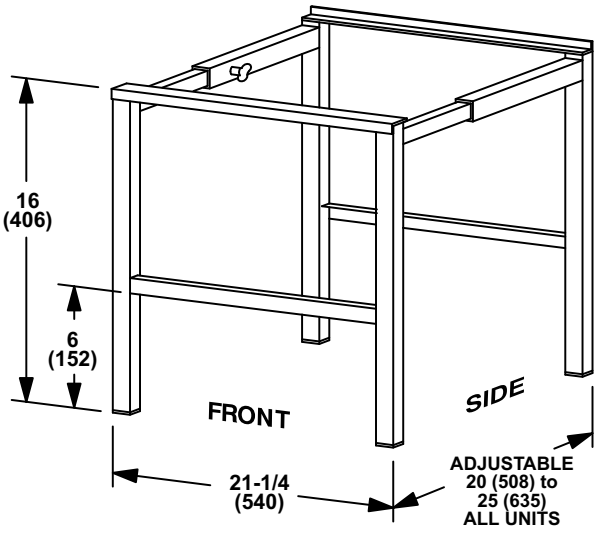
Dimension		-018, -024		-030, -036		-037, -042, -048		-060	
		inches	mm	inches	mm	inches	mm	inches	mm
A		46-3/4	1187	51	1295	54	1372	60	1524
B		18-1/2	470	21-1/4	540	21-1/4	540	21-1/4	540
C		22	559	22	559	26	660	26	660
D		11	279	12-1/2	318	12	305	11-3/4	298
E		16	406	18-1/2	470	16-3/4	425	17	432
F		5-1/2	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)

DOWN-FLOW COMBUSTIBLE FLOOR BASE



SIDE RETURN UNIT STAND (Up-Flow Only)



Usage	-018-024 (12W95)		-030-036 (12W96)		-037-042 -048-060 (12W97)	
	in.	mm	in.	mm	in.	mm
A (floor)	19	483	21-3/4	552	21-3/4	552
B	16-7/8	429	19-5/8	498	19-5/8	498
C	23-1/8	587	23-1/8	587	27-7/8	708
D (floor)	19-1/2	495	19-1/2	495	26-3/4	679

REVISIONS

Sections	Description of Change
New Table	Added Replacement Circuit Breaker Table.

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Contact us at 1-800-4-LENNOX