



AIR HANDLERS AND INDOOR COILS

CB* and C* Models

True performance and rugged durability



LENNOX
Innovation never felt so good.™

EXCEPTIONAL COMFORT AND ENERGY SAVINGS SET LENNOX® AIR HANDLERS AND INDOOR COILS APART

Air Handlers and Indoor Coils at a glance:

Easy installation and maintenance designs to reduce labor hours and costs

Range of unit sizes from 1.5 to 20 tons for a variety of applications

*Exceptional airflow performance for high-static applications (400 cfm/ton at 0.8" external static pressure)**

Up-flow, down-flow or horizontal airflow configurations for excellent application flexibility

Environmentally friendlier R-410A refrigerant option

High-performance components, including thermostatic expansion valves and high-efficiency coils

Corrosion-resistant cabinets and drain pans for outstanding durability

Excellent warranties back all Lennox® products

Commercial air handlers and indoor coils from Lennox offer excellent performance and reliability, thanks to first-rate engineering and high-quality components.

Lennox gives you more choices

With a complete line of air handlers and indoor coils, Lennox provides a wide selection of quality products to meet your needs. Choose from products that can help increase your building's energy efficiency and reduce operating expenses, such as the high-efficiency CX34 indoor coil or CBX32M air handler designed to reduce energy usage when matched with the appropriate air conditioner or heat pump. Applications that require high-static ductwork or other restrictions are suitable for the CB27 air handler that delivers up to 400 cfm/ton at 0.8" external static pressure. Available with a choice of R-410A or R-22 refrigerant, the CBX27 can achieve up to 15.00 SEER when matched with T-Class™ outdoor units.

In addition, durable components such as corrosion-resistant cabinets and dual-position drain pans help guard against unexpected service costs. Lennox products are built according to demanding ISO-9001 standards and backed with excellent warranties.

Save time during installation and maintenance

Lennox air handlers and indoor coils were designed to be installed quickly, with suction and vapor lines that extend outside the unit. Factory-installed thermostatic expansion valves on select models and multiple locations for electrical inlets and drain connection knock-outs save time in the field. A single-point power supply is available for many units with an electric heat option.

To ensure years of simple, low-cost maintenance, many units feature large, easy-to-remove panels and a toolless-access filter panel to save time and effort on routine maintenance.

Choose designs to meet a wide range of applications

The large selection of options meets many commercial HVAC needs. Engineers can choose from a variety of voltages, tonnage sizes and airflow configurations for increased flexibility. For environmentally sensitive applications, products featuring R-410A refrigerant are available. Field-installed accessories, including electric heat with circuit breakers, hot water coils and economizers, make it even easier to create a system that will provide reliable, cost-effective performance.



Warranty

1-Year Limited Warranty
on covered components and units

See actual warranty certificate for details.

*CB27UH and CBX27UH models only

CBX32MV AIR HANDLER

Great Match for S-Class™ High-Efficiency
Air Conditioners and Heat Pumps



Model-Specific Features

- 1.5- to 5-ton capacities
- **Cabinet Airflow Configuration**—Multi-position cabinet with up-flow/horizontal or down-flow configuration available.
- **Voltage and Electric Heat Options**—Available in 230/1/60 and 208-230/3/60.

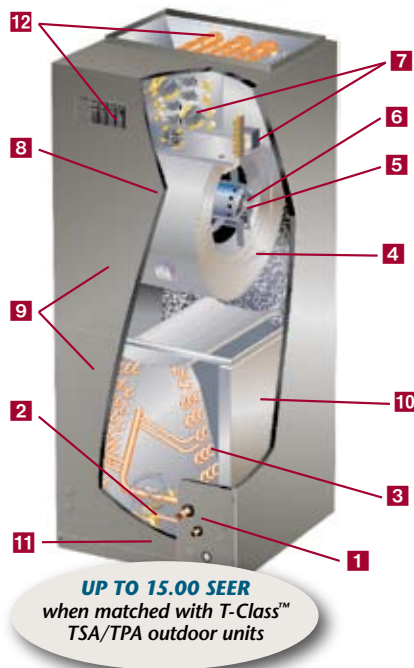


Standard Features

- 1 Refrigerant Line Connections**—Include suction and liquid lines that feature sweat connections and extend outside the cabinet for quick, easy installation.
- 2 Check and Thermostatic Expansion Valve**—Factory-provided to reduce installation time and provide peak cooling performance across the entire application range.
- 3 High-Efficiency Coil**—Provides exceptional heat transfer and low air resistance for high-efficiency operation.
- 4 Slide-Out Supply Fan**—Forward-curved centrifugal blower features slide-out capability for quick and easy service and maintenance.
- 5 Multiple Blower Speeds**—Help provide precise comfort control.
- 6 High-Static Supply Fan**—Delivers up to 400 cfm/ton at 0.8" supply external static pressure, meeting the most demanding applications.
- 7 Transformer and Blower Cooling Relay**—Factory-provided components speed installation and are easily accessed in the unit control box.

CBX27UH & CB27UH AIR HANDLER

High-Static Performance for all Air Conditioners
and Heat Pumps



Model-Specific Features

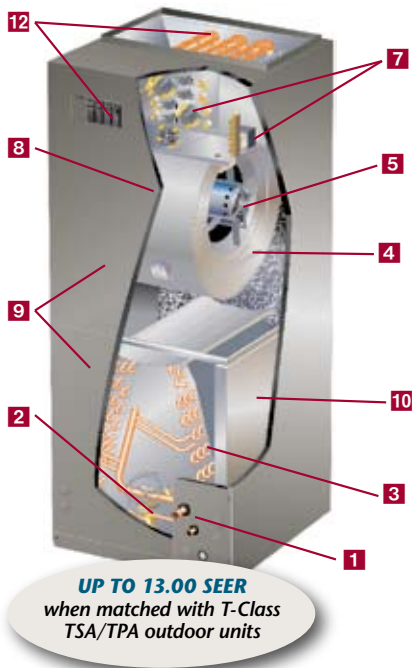
- 1.5- to 5-ton capacities
- **Cabinet Airflow Configuration**—Dedicated up-flow/horizontal configuration with optional down-flow kit, field conversion.
- **Voltage and Electric Heat Options**—Available in 230/1/60 and 208-230/3/60.
- **Refrigerant Options**—Available with R-22 (CB27UH) or R-410A (CBX27UH) refrigerant.



- 8 Corrosion-Resistant Cabinet**—Galvanized steel under a two-layer painted surface protects against rust and corrosion.
 - 9 Two-Part Cabinet Construction**—Units may be disassembled into two separate sections for easy installation in tight applications. Thick rubber gasket between sections helps ensure airtight seal.
 - 10 Dual-Position Drain Pan**—Deep, corrosion-resistant plastic design features dual drain pipes and connections.
 - 11 Antimicrobial Dual-Position Drain Pans**—Resist growth of mold and mildew for improved indoor air quality.
 - 12 Electric Heat**—Provides excellent heating capacity with up to 30kW options. Factory-installed control wiring plugs make field installation fast and convenient. Fixed temperature limit controls with automatic reset, thermal sequencers with time delay, and circuit breakers improve performance and reliability.
- Toolless Filter Access**—Saves time during filter replacement (not available on CBX26UH and CB26UH models).

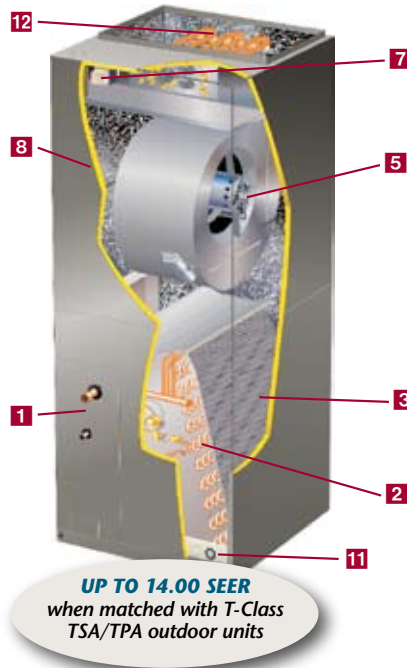
CB30M AIR HANDLER

Great Match for T-Class™ Air Conditioners
and Heat Pumps



CBX26UH & CB26UH AIR HANDLER

Efficient and Economical Match for T-Class
Air Conditioners and Heat Pumps



Model-Specific Features

- 1.5- to 5-ton capacities
- **Cabinet Airflow Configuration**—CB30M features a multi-position cabinet with up-flow/horizontal or down-flow configuration.
- **Voltage and Electric Heat Options**—Available in 230/1/60, 208-230/3/60, 460/3/60 and 575/3/60.

Model-Specific Features

- 1.5- to 5-ton capacities
- **Cabinet Airflow Configuration**—Dedicated up-flow/horizontal configuration with optional down-flow kit, field conversion.
- **Voltage and Electric Heat Options**—Available in 230/1/60.
- **Refrigerant Options**—Available with R-22 (CB26UH) or R-410A (CBX26UH) refrigerant.



Feature Comparison	CBX32M	CB30M	CBX27UH/ CB27UH	CBX26UH/ CB26UH
Tonnage range	1.5 to 5 Tons	1.5 to 5 Tons	1.5 to 5 Tons	1.5 to 5 Tons
Two-part cabinet for easy installation in tight applications	◆	◆	◆	
Slide-out supply fan for fast and easy maintenance	◆	◆	◆	◆
Toolless filter access makes changing filters simple and efficient	◆	◆	◆	
Multi-position cabinet airflow configuration for application flexibility (certain units may require a field kit for down-flow configuration)				◆
3-phase electric heat available for commercial applications	◆*	◆	◆*	
Multiple blower speeds for precise comfort control	◆	◆	◆	◆
Check and thermostatic expansion valve and high-efficiency coil for great performance	◆	◆	◆	◆
Corrosion-resistant cabinet for great reliability	◆	◆	◆	◆
Available with R-410A or R-22 refrigerant options			◆	◆

*Available only with 230/1/60 and 208-230/3/60 electric heat.

Note: Due to Lennox' ongoing commitment to quality, all specifications, ratings and dimensions are subject to change.

CB/CBH17 AIR HANDLER—7.5 TO 20 TONS

Great Match for 6-Ton and Larger HS29 Series Air Conditioners and HP29 Series Heat Pumps



UP TO 10.4 EER
when matched with the
HS29 Air Conditioner

Standard Features

- **Refrigerant Line and Condensate Drain Connections**—Quick and easy installation with connections on both sides of the unit.
- **Check and Thermostatic Expansion Valve**—Factory-provided to reduce installation time and provide peak cooling performance across the entire application range. Each coil features a separate valve.
- **Multiple Circuit Coil**—Offers two-stage capacity operation for increased comfort and multiple isolated refrigerant circuits for better reliability.
- **Supply Fan**—Up to 5 HP forward-curved centrifugal blower in either standard or high-efficiency model. Firmly mounted and isolated on the frame for excellent performance and reliability. Select models feature a dual fan configuration for additional capacity and performance.
- **Corrosion-Resistant Cabinet**—Galvanized steel under a two-layer painted surface protects against rust and corrosion.
- **Dual-Position Drain Pan**—Deep, corrosion-resistant plastic design features dual drain pipes.

Select Options

- **Electric Heat**—Up to 60kW option features two-stage control in a separate, add-on matching cabinet for excellent heating capacity.
- **Hot Water Coil**—Available in a separate add-on matching cabinet for additional heating option applications.
- **Economizer**—Comes assembled and wired from the factory and is available with a separate add-on matching cabinet and optional differential enthalpy control for improved indoor air quality.
- **Cabinet Airflow Configuration**—Dedicated up-flow or horizontal configuration.
- **Voltage Options**—Available in 230/3/60, 460/3/60 and 575/3/60.

INDOOR COILS

CX34

- 1.5- to 5-ton capacities
- Up-flow, full-cased models
- Factory-installed R-410A thermostatic expansion valve helps ensure sufficient operation
- Large face area for high-efficiency operation
- Copper-rifled tubing and enhanced aluminum fins improve heat transfer
- Non-corrosive, UV-resistant polymer drain pan with dual drain connections
- Minimal air resistance for better performance



C33, CR33, CH33, CH23

- 1.5- to 5-ton capacities
- Uncased (C33) and full-cased models
- C33 has up-flow configuration
- CH33 and CH23 have horizontal configuration
- CR33 has down-flow configuration
- Large face area for high-efficiency operation
- Copper-rifled tubing and enhanced aluminum fins improve heat transfer
- Long-lasting, painted, galvanized cabinet and plastic drain pans
- Minimal air resistance for better performance



CR33

C17-090/120

- 7.5- and 10-ton capacities
- Versatile installation
- Up-flow discharge
- Maximum efficiency



SOLUTIONS FOR CUSTOMIZED COMFORT



Don't just choose a Lennox® product...choose a Lennox Commercial Comfort System. These complete packages of HVAC solutions provide tools to create a healthier and more comfortable environment.

Packaged Units

- Strategos™ Rooftop Units
- S-Class™ Rooftop Units
- Landmark™ Rooftop Units
- L Series® Rooftop Units
- T-Class™ Rooftop Units

Split Systems

- S-Class Air Conditioners/Heat Pumps
- T-Class Air Conditioners/Heat Pumps
- Air Conditioners/Heat Pumps
- Air Handlers
- Indoor Coils

Heating

- T-Class Unit Heaters
- Unit Heaters
- Duct Furnaces
- Furnaces

Commercial Controls

- L Connection® Network
- Systems Integration Solutions
- Commercial Thermostats

Indoor Air Quality

- Humiditrol® Dehumidification System
- Demand Control Ventilation
- Energy Recovery Ventilators/Systems
- Air Filters
- UVC Lamps



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