



**LENNOX**  
Innovation never felt so good.™

Resource calculator:  
24 hrs @ 1000 sq ft  
#22 VERTICAL  
2400 sq ft @ 1000 sq ft  
Static pressure 1.0 Pa

*quietly efficient*

DAVE LENNOX  
*signature*  
COLLECTION



**CBX40UHV**

The quietest  
and most  
efficient  
air handler  
you can buy.\*



## The CBX40UHV blows away the competition.

The warm feeling you get when you're at home with family and friends becomes all the more comforting with a Lennox® CBX40UHV air handler. That's because the CBX40UHV uses **innovative variable speed technology** to provide a constant flow of air, with no drafts or loud operating sounds\*. The same technology that improves air circulation and comfort also enhances energy efficiency, which translates to lower utility bills. On top of all this, a **built-in filtration system** provides maximum protection against pollutants and allergens.

It's this **unmatched combination of performance capabilities** that makes the CBX40UHV an ideal choice for your home, all year round.

\*Based on sound pressure levels during operation of CBX40UHV-36 with factory-installed MERV 16 Precision Pleat™ media filter and leading competitive three-ton units at equivalent external static pressure when set up per Section 4.5.3 of AHRI's test standard. AHRI 260-2001; and efficiency (CFM/watt) ratings established per AHRI's test standard: ANSI/AHRI 210/240-2005.



*performance that's more efficient*

### Height of efficiency

The CBX40UHV air handler is specifically designed to work with a matched outdoor unit—the air conditioner or heat pump—to deliver maximum energy efficiency. What helps make the entire system more efficient is the air handler's variable speed blower motor, which uses far less electricity than standard single-speed motors. The result is **lower utility bills** year after year.

### Industry's lowest sound levels

Exclusive SilentComfort™ technology makes the CBX40UHV very, very quiet. Its variable speed motor runs on slow speed much of the time, which **keeps sound levels low**. And an insulated blower compartment reduces noise even further.



Uses **2/3 less energy**  
than competitive single-speed models\*\*

## CBX40UHV

The quietest and most efficient air handler you can buy.\*

\*\*Compared to air handlers with conventional single-speed blower motors, the CBX40UHV's variable speed motor uses two-thirds less electricity.

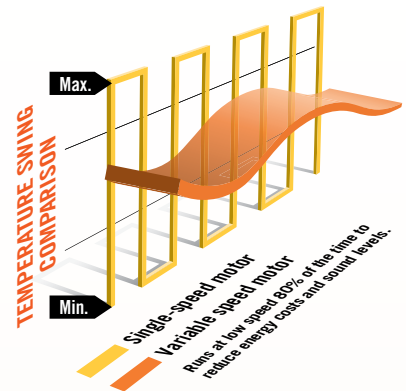


# A perfect match for peak performance.

## Advanced variable speed technology gives you the advantage of enhanced comfort

Air handlers like the CBX40UHV are usually paired with a heat pump in a split system. Depending on the season, the heat pump (the outdoor unit) captures heat or cold from the outside air and moves it inside. With conventional heat pumps and most other variable speed air handlers, there is no ramp-up during heating operation—just an uncomfortable blast of cold air. The CBX40UHV gets around this problem by building speed slowly, so **the system can preheat the air prior to circulating it through your home.**

Gradual increases in fan speed also help control humidity levels during cooling mode and minimize operating sounds. These same performance advantages are delivered by the CBX40UHV when it's combined with an air-conditioning unit.



## icomfort™-enabled



To get maximum performance from the CBX40UHV, just add the icomfort Touch™ touchscreen thermostat. The **easy-to-use icomfort Touch** can be programmed in minutes. It allows the air handler to exchange information with other icomfort-enabled home comfort system components and make adjustments as needed, so you feel comfortable without having to think about it.

## More-breathable air

The CBX40UHV features a factory-installed **MERV 16 Precision Pleat™ media filter** that effectively removes allergy-aggravating particles from the air inside your home. That's a big plus when it comes to your family's health. And even with the built-in filter, the unit is still compact enough to fit most homes.



## A friendlier refrigerant



The CBX40UHV is optimized to work with air conditioners or heat pumps using the **chlorine-free R-410A refrigerant**, which meets the U.S. EPA's most stringent environmental guidelines. Lennox was one of the first HVAC manufacturers to develop R-410A as an alternative to R-22 (freon).

# A brand that delivers beyond basic comfort.



Lennox has always been a leading global name in home comfort. Today, we're pushing beyond the traditional parameters of comfort by setting the pace for environmentally responsible climate control.

So, when you choose Lennox, you can feel good knowing you're getting the best. And when you choose the Dave Lennox *Signature*® Collection, you're getting the best of the best. From the world's first riveted-steel furnace to the first solar-assisted heat pump, products from the Dave Lennox *Signature* Collection are engineered to deliver innovation beyond measure.

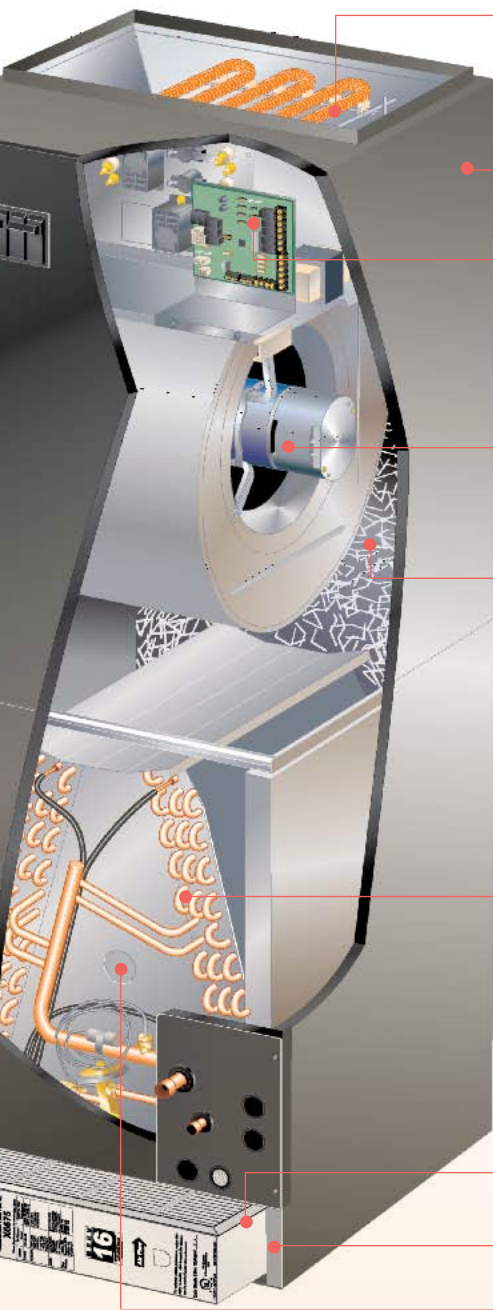
## Peace-of-mind protection

The CBX40UHV comes with a 10-year limited warranty on all covered components.\*

## Dealers you can count on

You can trust Lennox dealer to design the right system for your home, install it properly and keep it running perfectly for many years to come. Because Lennox has more than 6,000 dealers throughout North America, you can rest assured there's a dealer near you.





**Optional EvenHeater™ Electric Heat** – Provides backup heat in stages, rather than all at once, to maintain a comfortable indoor temperature and prevent drafts.

**Corrosion-Resistant Cabinet** – Offers long-lasting reliability with a durable, baked-on finish.

**icomfort™-Enabled Technology** – Allows the CBX40UHV to exchange information with other home comfort system components and make adjustments as needed to optimize performance and efficiency.

**Variable Speed Blower Motor** – Allows enhanced humidity control, improved indoor air quality and more consistent temperature for added comfort.

**Insulated Blower Compartment** – Reduces sound for quiet operation. Meets Florida standards for less than 2% air leakage from unit.

**High-Efficiency Evaporator Coil** – Provides excellent heat transfer and efficiency.

**MERV 16 Filtration** – The highest-rated media filter available for residential applications, delivering exceptional particle filtration for unmatched indoor air quality.

**Tool-Free Filter Access** – Allows easy filter replacement for improved air quality.

**Antimicrobial Drain Pan** – Includes an antimicrobial agent that inhibits mold and mildew growth. Durable composite material won't corrode or rust.



**Air Purifier-Ready** – Allows easy installation of a Healthy Climate® germicidal light, which helps kill germs in the air and keep the system clean.

**Dave Lennox Signature® Collection CBX40UHV Specifications**

Model	024	030	036	042	048	060
<b>Dimensions</b>						
HxWxD (in.)	55-1/4 x 21-1/4 x 22-5/8	55-1/4 x 21-1/4 x 22-5/8	55-1/4 x 21-1/4 x 22-5/8	62-3/4 x 21-1/4 x 25-5/8	62-3/4 x 21-1/4 x 25-5/8	62-3/4 x 21-1/4 x 25-5/8
HxWxD (mm)	1403 x 540 x 575	1403 x 540 x 575	1403 x 540 x 575	1594 x 540 x 651	1594 x 540 x 651	1594 x 540 x 651



Lennox is proud of the fact that these products have earned the Good Housekeeping Seal.

**Note:** Due to Lennox' ongoing commitment to quality, all specifications, ratings and dimensions are subject to change without notice.  
 \*Applies to residential applications only. See actual warranty certificate for details.



# A system beyond compare.

Dave Lennox *Signature*<sup>®</sup> Collection air handlers deliver even greater efficiency and comfort when combined with other Lennox<sup>®</sup> products in one system.



### XP21

The most quiet and efficient heat pump you can buy\*



### Healthy Climate<sup>®</sup> Solutions

Industry-leading dehumidification, plus whole-home ventilation and more



### icomfort Touch<sup>™</sup> Thermostat\*\*

Sleek, full-color touchscreen thermostat features intuitive programming for precise temperature and humidity control

## Matching your system

Replacing only one part of a system may result in a mismatch that compromises energy efficiency. For best performance, it's generally a good idea to replace the entire system at once.

## Optimizing your system

The CBX40UHV is at its innovative best when it's integrated with the following:

**Harmony III<sup>™</sup> Zoning System** – Divides your home into up to four separate, customizable comfort zones.

**Home Generator** – Offers dependable protection during unexpected power outages. Available in a variety of sizes to meet the needs of every home.

\*A combination of sound ratings established per AHRI's test standard: 270; and efficiency ratings established per AHRI's test standard: ANSI/AHRI 210/240-2005.

\*\*Must be installed with an icomfort<sup>™</sup>-enabled indoor unit.

# LENNOX

*Innovation never felt so good.<sup>™</sup>*

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