LENNOX

Innovation never felt so good.®

perfect balance

ELITE® SERIES

XP16

High-efficiency, two-stage heat pump

Just the right solution for your home heating and cooling needs.

The Elite® Series XP16 strikes a balance between comfort and energy-efficient performance that's perfect for any climate. Delivering efficiencies of up to 17.00 SEER, the XP16 gives you the assurance your home will feel just right even on the hottest days, without the worry of increased utility bills. That's because advanced two-stage technology uses only the energy necessary to cool your home and heat it when required. So even when you're just sitting around the house with your family, home remains the most comfortable place to be.

If you live in an area with cold winters and want the high efficiency a heat pump can provide, you can combine the XP16 with a Lennox® gas furnace in a dual-fuel system. Economical electric comfort most of the year, gas heating when you need extra warmth—talk about a perfect balance!

Year-round comfort

Unlike typical single-stage heat pumps that operate only at full power, the XP16 can adjust heating and cooling output to match household demand. **More than 80% of the time, it runs at low stage**, which means more even temperatures and quieter, more energy-efficient operation.

Peace of mind

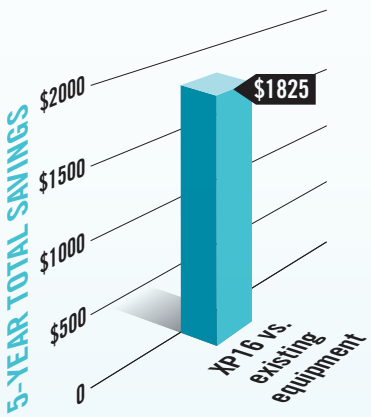
The XP16 comes with a 10-year limited warranty on the compressor and a 5-year limited warranty on all remaining covered components.*

10 year limited warranty Compressor

10 year limited warranty with Product Registration

Money-saving energy efficiency

With **efficiency ratings up to 17.00 SEER and 9.50 HSPF****, the XP16 can help **save you hundreds of dollars each year** on utility bills, compared to older or conventional units.



SEER stands for "seasonal energy efficiency ratio" and is a measure of the cooling efficiency of heat pumps. The higher the SEER, the greater your energy savings. Typical SEER ratings start at 14.00, but the XP16 carries ratings as high as 17.00. HSPF stands for "Heating Seasonal Performance Factor" and is a measure of the heating efficiency of heat pumps.

Savings chart shows the 5-year savings you can expect from a 17.00 SEER/9.50 HSPF heat pump vs. existing equipment with a 10.00 SEER/6.80 HSPF rating. The regions used to calculate household fuel and utility costs reflect a cross-section of cities in the U.S. In addition to geography, cooling costs are based on 3-ton capacity specifications, with 800 cooling hours, 2,250 heating hours per year and 12.29 cents per kWh (Source: EIA National average electric rate–Rolling 12 months ending in December 2012). Your actual costs will vary depending on the weather, local fuel rates, systems settings and your personal lifestyle.

*Covered components may be eligible to receive a 10-year limited warranty. Online equipment registration at www.lennoxregistration.com is required within 60 days of installation (except in California and Quebec) or Lennox' base warranty will apply. Applies to residential applications only. See actual warranty certificate for details.

**Actual system efficiency may vary depending on the exact system match. Efficiencies are representative of a single AHRI Most Popular matched combination. Always verify actual system efficiencies through AHRI or by visiting AHRI ratings database at www.ahridirectory.org.

technology that finds a perfect *balance*

Enhanced comfort on extra-cold days

DualFuel

The XP16 can reach yet another level of comfort and energy-efficient performance when combined with a Lennox® gas furnace in one dual-fuel system. Your heat pump will provide cooling and warming on mild days, but on extremely cold days, the gas furnace takes over to maintain maximum comfort. Your dealer, using your location and other factors, will determine the temperature at which your system will switch from electric to gas. This helps ensure that your home is always comfortable—regardless of the weather outside.

A friendlier refrigerant

LENNOX R-410A

The XP16's scroll compressor uses 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).

Allergy relief on warm days

Humiditrol.

The XP16 is designed to work with the Humiditrol® whole-home dehumidification system.*** Patented Humiditrol technology helps reduce humid conditions in the home, lessening the potential for mold and mildew growth.

ENERGY STAR

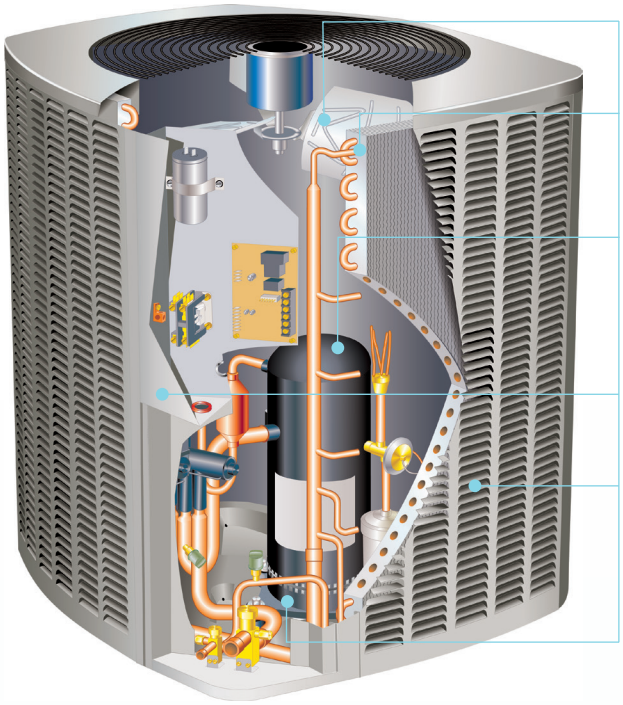
The XP16 is ENERGY STAR® certified, which means it meets or exceeds guidelines set forth by the U.S. Environmental Protection Agency.

It Pays to live Smart

Choosing an ENERGY STAR® qualified product like the XP16 can improve your comfort, while also helping you save energy and money. For other ways to make your home more efficient, visit ItPaystoLiveSmart.com.

***Must be accompanied by either a variable-speed air handler or furnace and the ComfortSense® 7500 Series touchscreen thermostat.

Elite® Series XP16



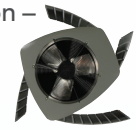
Precision-Balanced Direct-Drive Fan – Delivers quiet operation.

High-Efficiency Outdoor Coil – Provides exceptional heat transfer and low air resistance for high-efficiency operation.

Two-Stage Scroll Compressor – Operates at low stage most of the time for quieter, more efficient performance. Plus, it cools your home using the ozone-responsible R-410A refrigerant.

Durable Steel Cabinet – Made to last with an attractive, high-quality textured paint finish.

SmartHinge™ Louvered Coil Protection – Allows quick, easy access to interior components from all sides, so the unit can be serviced quickly.



Drainage Holes – Prevent damaging moisture from collecting inside the basepan.

Elite® Series XP16 Specifications

Model	024	036	048	060
SEER	Up to 17.00	Up to 16.20	Up to 16.20	Up to 15.70
HSPF	Up to 8.50	Up to 8.70	Up to 9.50	Up to 8.70
Sound Rating-dB	74	76	76	78
Dimensions H x W x D (in)	35 x 27 x 28	35 x 35-1/2 x 39-1/2	35 x 35-1/2 x 39-1/2	45 x 35-1/2 x 39-1/2
H x W x D (mm)	889 x 686 x 711	889 x 902 x 1003	889 x 902 x 1003	1143 x 902 x 1003

Note: Due to Lennox' ongoing commitment to quality, all specifications, ratings and dimensions are subject to change without notice.

Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your Lennox Dealer for details, or visit www.energystar.gov.

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