

## Model detail

# CH16B

LX Series 16  
SEER  
Modulating  
Split System  
Heat Pump

**Refrigerant:**  
R410A

**Product Line:**  
LX Series -  
Residential

**Capacity**  
**Nominal Capacity:**  
2.0 - 5 Tons

**Efficiency Rating:**  
16 SEER / 8.2  
HSPF

**Warranty**  
**Parts:**  
5-Years Limited\*

**Application**  
Residential

## Product Benefits

- **Improved temperature control**-The inverter driven compressor and modulating system will automatically adjust capacity, in heat or cool mode, to precisely match the comfort demands of the space providing closer temperature and humidity control.
- **Easier Installation**- Installation time is reduced by being factory charged for a 15-Ft line set and having a factory installed filter-drier. This means less time spent brazing and charging the system. The small base dimension and reduced unit clearances requirements provide more retrofit applications.
- **Accessible Information** - QR code on unit provides quick access to technical documents and warranty information.
- **Durable Finish** - The coated steel wire fan guard, coated external fasteners, and pre-treated G90-equivalent galvanized steel chassis components resist corrosion and rust creep. Champagne colored powder coat paint further protects external panels.
- **Rugged Coil Protection** - Coils are protected from mechanical damage by a stamped steel extruded louver coil guard design.
- **Quality Coils** - Enhanced aluminum fins are mechanically bonded to copper tubing.
- **Protected Compressor** - Compressors are protected by the system high and low pressure switches. The liquid line filter-drier is factory installed to protect the system against moisture and contaminants.
- **Reliable Operation** – Ball bearing fan motors provide superior performance in extreme temperatures. Factory installed accumulator protects the compressor while operating across a wide range of conditions.
- **Environmentally Friendly** - CFC-free R-410A refrigerant delivers environmentally friendly performance with zero ozone depletion.
- **Top Discharge** - Warm air is blown up, away from the structure and any landscaping and allows compact location on multi-unit applications.
- **Low Operating Sound Levels** - Developed using CFD and FEA tools, the sturdy cabinet and top design provides sound performance as low as 75 dBA.
- **Better Service Access** - Diagonal base valves with open access for Schrader removal tools and low-loss fittings and single panel access to the electrical controls. Full corner access using the swing out electrical box, and removable fan guard allow easy access for unit service or maintenance.
- **Agency Listed** - Safety certified by CSA to UL 1995 / CSA 22.2. Performance certified to ANSI/AHRI Standard 210/240 in accordance with the Unitary Small Equipment certification program.