



416LT

16 SEER High-Efficiency Air Conditioners and Heat Pumps  
R410A



Air Conditioners – Up to 16 SEER\*  
Heat Pumps – Up to 16 SEER; up to 9.2 HSPF\*\*  
R410A refrigerant  
ENERGY STAR®-qualified  
10-year limited warranty\*\*\* – compressor  
5-year limited warranty\*\*\* – parts



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 contractor for details or visit [www.energystar.gov](http://www.energystar.gov).



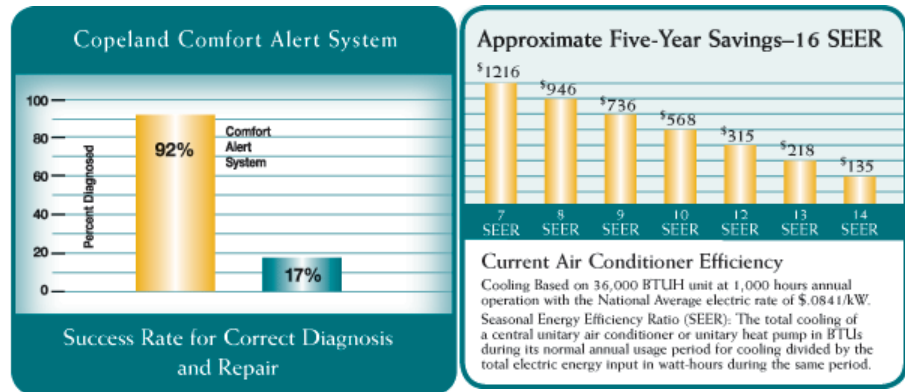
This product may qualify for tax credit. Click here for details.

**Newly designed for greater efficiency, comfort and style.**

From the inside out, AirEase air conditioners and heat pumps are designed for greater energy efficiency, quieter operation and up-to-date style. You gain welcome peace of mind, knowing every unit is built for years of worry-free performance. And with features like the Copeland Scroll UltraTech™ two-stage compressor, Copeland Comfort Alert™ diagnostics, and popular new paint color and design features, the AirEase 416LT delivers a higher degree of indoor comfort and overall customer satisfaction.

| Comfort Enhancements        |   |
|-----------------------------|---|
| <b>Reliable Comfort</b>     | You can count on AirEase 416LT air conditioners and heat pumps for years of dependable comfort. The <b>Copeland Scroll UltraTech two-stage compressor</b> raises the level of comfort, and lowers utility bills. Its revolutionary two-step design allows the compressor to operate at low speed most of the time for <b>quieter, more consistent comfort and better humidity control</b> .   |
| <b>Energy Efficiency</b>    | AirEase 416LT air conditioners and heat pumps exceed <b>ENERGY STAR®</b> guidelines for energy efficiency and savings. With an <b>efficiency rating of up to 16 SEER</b> , these units can <b>reduce your energy costs</b> , compared to older, less efficient equipment.†<br><br>The 416LT models utilize the latest technological advances to deliver efficient and reliable home comfort. The <b>Copeland Scroll UltraTech™ compressor</b> uses the new <b>R410A refrigerant</b> , which meets government standards for non-ozone-depleting appliances.                |
| <b>Quiet Operation</b>      | Units are designed to <b>provide maximum comfort while keeping sound at a minimum</b> . A heavy-duty <b>insulation blanket</b> surrounding the compressor and a wire fan guard significantly <b>reduce operating sound</b> . Heat pumps use a discharge muffler, along with <b>QuietShift™ technology</b> during the defrost cycle, to control sound.   |
| <b>Quality Construction</b> | <b>Copeland Comfort Alert diagnostics</b> , similar to automobile diagnostics, <b>continually monitor system operation</b> , helping technicians with quick and accurate servicing. When matched with select thermostats, the <b>diagnostics are able to help protect the entire system from abnormal operating conditions</b> by detecting certain error codes and even shutting down the system if necessary to prevent compressor damage. In addition, matched components include <b>Microban® protected drain pans</b> which inhibit the growth of odor causing mold, |

mildew and bacteria.



When servicing a unit equipped with the Copeland Comfort Alert system, technicians with little experience were able to correctly diagnose problems while only 17% were successful without the monitor.

\* SEER - Seasonal Energy Efficiency Ratio

\*\* HSPF - Heating Seasonal Performance Factor

\*\*\* See your local Independent AirEase Dealer for complete details regarding warranty coverage.

† Actual cost savings may vary depending on personal lifestyle, system settings, equipment maintenance, local climate, actual construction, installation of equipment and duct system, hours of operation and local utility rates.

215 Metropolitan Drive, West Columbia, SC 29170 : 1-800-448-5872 : 8am-5pm EST

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