

4SCU16LT

16 SEER,  
Two-Stage  
Air Conditioners



A POWERFUL OPTION FOR EFFICIENT PERFORMANCE. CHOSEN BY HARDWORKING HVAC PROFESSIONALS.

# THE PROFESSIONAL'S CHOICE



  
The Professional's Choice

A close-up photograph of a white Armstrong Air air conditioner unit. The unit features a prominent grille with a repeating diamond-shaped pattern. A small, dark, oval-shaped logo is affixed to the grille, containing the text 'ARMSTRONG AIR' and a stylized house icon. The background is a soft-focus outdoor scene with green foliage and a white building.

Engineered to be  
as hardworking  
and reliable as  
the professional  
installing it.

A new air conditioner is an investment, so you want to be sure it will provide **dependable service** for many years to come. By choosing the Armstrong Air™ **4SCU16LT** air conditioner, you can take comfort knowing it's been engineered and tested to meet the **highest standards for performance and craftsmanship**. And with advanced features and technology, the 4SCU16LT can provide **energy-efficient cooling**, even in the hottest weather. No wonder it comes recommended by HVAC professionals across the country.

## Inside the design of an Armstrong Air 4SCU16LT Air Conditioner:



### MHT™ Technology:

Armstrong Air's proprietary heat transfer system. A specially designed fan shroud pulls air evenly throughout the air conditioner's coil surface. The coil features rifled tubing to enhance refrigerant flow, while lanced coil fins increase surface contact between metal and air. All combine for maximum heat transfer and efficiency.

### Comfort Alert Diagnostics:

Your Armstrong Air 4SCU16LT air conditioner's electronic control system prolongs system life by continuously monitoring internal components for optimum performance and fault prevention.

### Sound Reduction:

Inside every 4SCU16LT, you'll find a compressor that's wrapped in a heavy-duty, sound-insulating blanket to reduce operating noise. So you'll enjoy peace and quiet with your comfort.

### Two-Stage Scroll Compressor:

Rather than being "all on" or "all off," your air conditioner can adjust its cooling output based on conditions inside and outside your home, using less energy to maintain comfort.

### Advanced Compressor Protection:

High- and low-pressure switches give additional reliability to each Armstrong Air air conditioner. The high-pressure switch prevents operation if refrigerant pressures exceed safe levels, protecting the compressor. If your unit does not have enough refrigerant, the low-pressure switch prevents the unit from drawing in moisture and other contaminants while operating.

### Microban® Protection:

On Matched Armstrong Air Indoor Coil. Drain pans are infused with an antibacterial agent that destabilizes the membrane of microorganism cells, disrupting the cellular function of odor-causing mold and bacteria so they can no longer grow or reproduce.

The advanced features of the Armstrong Air 4SCU16LT work together to bring you:

#### CRAFTSMANSHIP

The 4SCU16LT is a **smart, reliable choice**. Each one is built with the highest-quality components, and **100% run-tested** before it leaves the factory to make sure it meets Armstrong Air's demanding standards.

#### EFFICIENCY

Designed to deliver energy-saving cooling, the 4SCU16LT combines a two-stage scroll compressor with an **efficiency rating of up to 16.00 SEER** to help you save hundreds of dollars each year. (See back cover for an estimate of annual energy savings.)

#### COMMITMENT

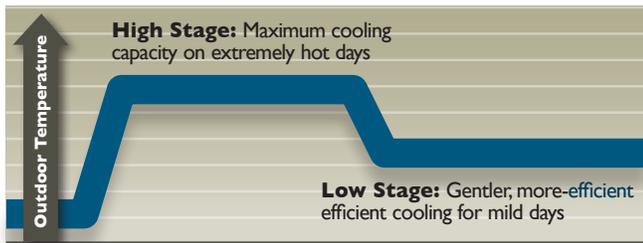
Armstrong Air's dedication to a better product is backed by a **10-Year Limited Warranty** on the compressor and a **10-Year Limited Warranty** on parts.\*

Quiet, consistent cooling. Money-saving efficiency. The 4SCU16LT delivers strongly on all counts.

### PRECISE PERFORMANCE

We engineered the 4SCU16LT with two-stage operation to provide quiet, consistent cooling that can also help lower your utility bills. Here's how it works: during mild weather, the air conditioner runs at low capacity to save energy and money. When the temperatures climb, it automatically switches to full capacity to maintain the ideal indoor comfort level.

### TWO-STAGE COMPRESSOR OPERATION



With its two-stage design, the 4SCU16LT makes the distinction between mild and extremely hot days, using only the energy necessary to keep you comfortable.

### EFFICIENCY

The 4SCU16LT has a SEER rating of up to 16.00 to make it significantly more efficient than standard single-stage air conditioners. That means you can relax in complete comfort, while potentially saving hundreds of dollars in energy costs.

### 5-YEAR ENERGY SAVINGS\*\*



Savings versus 10.00 SEER units

\*Warranty applies to residential applications only. See full warranty at [www.alliedair.com](http://www.alliedair.com) for terms, conditions and exclusions.

\*\*Savings vary depending on use, geography, lifestyle, maintenance, installation and other factors.

The Armstrong Air™  
**4SCU16LT** air  
conditioner. The  
preferred choice  
of those who  
know quality.

HVAC professionals have long relied on the **4SCU16LT** air conditioner to deliver reliable performance and efficiency. Experience its quiet comfort in your home. **And you'll immediately know why it's THE PROFESSIONAL'S CHOICE.**



**ARMSTRONG**  
**AIR**  
The Professional's Choice

Due to our policy of continuous improvement, specifications are subject to change without notice.

Printed in U.S.A.  
©2012 Allied Air Enterprises LLC,  
a Lennox International Inc. Company

Form No. A4SCU16LT-300 (06/12) PC70485



Because it is so efficient, your 4SCU16LT air conditioner is ENERGY STAR® qualified.

Not approved for use in mobile home applications.