

4SCU16LS

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 grey Armstrong Air 4SCUI6LS air conditioner unit. The unit features a prominent white grille with a repeating pattern of slanted rectangular openings. A silver badge is attached to the grille, displaying the Armstrong Air logo, which includes a stylized house icon and the text 'ARMSTRONG AIR'. The background is a blurred 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™ **4SCUI6LS** 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 4SCUI6LS 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 4SCU16LS 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.

### Sound Reduction:

Inside every 4SCU16LS, 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 output to a high or low level based on your cooling needs. Its two-stage scroll compressor uses a time-tested design known for its consistent performance and long operating life.

### Integrated 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.

### Communicating Control Board:

Your Armstrong Air 4SCU16LS can continuously monitor internal components for optimum performance and fault prevention. When paired with the Comfort Sync™ thermostat, you and your dealer can automatically be notified if repairs or maintenance are needed.

### Sealed Contactor with Lugs:

Completely covers the contactor, protecting it from debris and insects.

### Microban® Protection:

On Matched Armstrong Air Indoor Coil. Drain pans are infused with an antimicrobial 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 4SCU16LS work together to bring you:

### CRAFTSMANSHIP

The 4SCU16LS is a **trusted 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 4SCU16LS 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

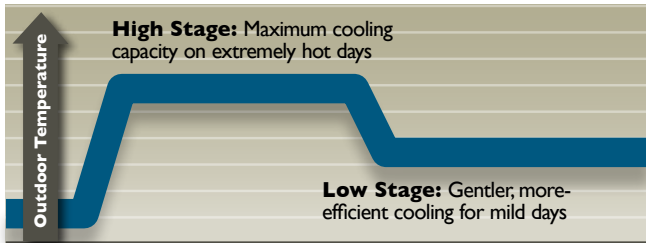
Armstrong Air's dedication to a better product is backed by a **10-Year Limited Warranty on the compressor** and a **10-Year Limited Warranty on parts**.\*

Quiet, consistent cooling. Money-saving efficiency. The 4SCU16LS delivers strongly on all counts.

**PRECISE PERFORMANCE**

We engineered the 4SCU16LS 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 temperature.

**TWO-STAGE COMPRESSOR OPERATION**

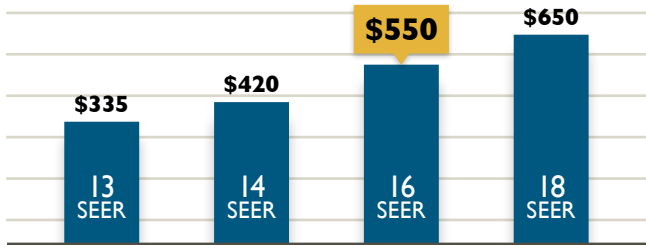


With its two-stage design, the 4SCU16LS makes the distinction between mild and extremely hot days, using only the energy necessary to keep you comfortable.

**EFFICIENCY**

The 4SCU16LS 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 while potentially saving hundreds of dollars in energy costs.

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



**Savings versus 10.00 SEER units**

The Armstrong Air™ 4SCU16LS air conditioner. The preferred choice of those who know HVAC.

HVAC professionals have long relied on the 4SCU16LS air conditioner to deliver dependable performance and efficiency. Experience its quiet operation in your home. **And you'll immediately know why it's THE PROFESSIONAL'S CHOICE.**



**ARMSTRONG AIR**  
The Professional's Choice

\*Warranty applies to residential applications only. For terms, conditions and exclusions, see full warranty at [alliedair.com](http://alliedair.com).  
\*\*Savings vary depending on use, geography, lifestyle, maintenance, installation and other factors.

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

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Because it is so efficient, your 4SCU16LS air conditioner is ENERGY STAR® qualified.

Not approved for use in mobile home applications.