

# Air Conditioners

13 to 20 SEER  
Single Stage, Two Stage  
and Variable Capacity



CRAFTSMANSHIP THAT MEETS EXACTING ARMSTRONG AIR STANDARDS — AND THE EXPECTATIONS OF HVAC PROFESSIONALS.

# THE PROFESSIONAL'S CHOICE

A close-up photograph of a hand holding a grey, oval-shaped logo with the Armstrong Air logo and text. The background is a large, grey, slatted air conditioner grille.

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





## A legacy of craftsmanship and commitment

**Our 80-year history** is built on the foundation of strong products and even stronger dedication to excellence. The Armstrong Air® full line of air conditioners is the perfect example of what happens when you set out to be the best. Quiet, energy efficient and made with pride by people who know quality, Armstrong Air units represent the premium choice of HVAC professionals throughout North America.

## Expert guidance every step of the way

Choosing the right HVAC professional is just as important as the air conditioner you're buying. Going with an Armstrong Air Dealer means working with a true HVAC professional. You can be confident knowing their knowledge and expertise will help you make the right decisions on all your HVAC needs. They'll also help ensure your system operates at maximum performance for years to come.

# Helping create your environment, your way.

At Armstrong Air, creating the perfect system for you is our first priority. We recognize that buying a new cooling system is a big decision. Having all the facts, and some professional advice, can help you select the system best suited for your home and your family's needs. When selecting a unit, it's important to remember that everyone's needs are different. What's most important to you and your family? Here are a few things to consider:



## Efficiency

It's pretty simple. A high-efficiency system helps lower your monthly utility bills. Efficiency is measured in SEER (Seasonal Energy Efficiency Ratio) and the higher the number, the greater the efficiency. Replacing an older unit with a 14 SEER or higher unit can increase performance and start saving you money immediately.



## Reliability

You can always count on your Armstrong Air unit. Technology developments such as MHT™ and Omniguard™, plus other advanced-design features, work together to deliver premium performance and extend the life of your air conditioner.



## Air Quality

Where you live matters. Your family's sensitivity to a host of natural and man-made allergens means enhanced air quality is all the more critical in your home. And don't forget humidity levels when you're considering the ideal system for year-round comfort.



## Peace of Mind

More control over your comfort—that's our commitment to you. You can see it in our craftsmanship and technology—like our proprietary Comfort Sync™ controls, which allow you to easily monitor your unit's performance and enjoy maximum comfort in your home.



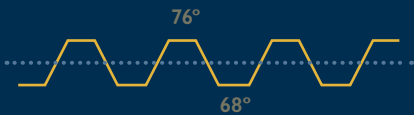
## Noise Reduction

Comfort and performance also include quiet operation of your system. Enjoy reduced operating noise with select models featuring a high-quality sound blanket for noise reduction.

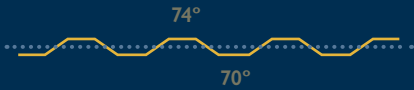
## Air Conditioning System Basics

The most common type of system pairs an exterior air conditioner with an interior air handler or furnace, which work in tandem to circulate air throughout your home. Matching your air conditioner with a compatible Armstrong Air® air handler or furnace will generate optimum efficiency and ideal system performance.

### How compressor stages affect performance



*Single stage* means cooling is either all the way on or all the way off, creating temperature swings.

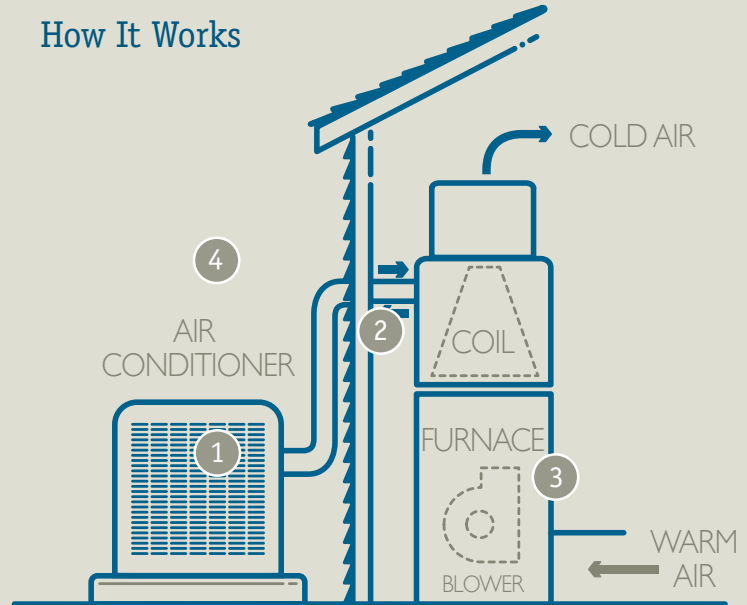


*Two stage* runs at low or high operating speeds, depending on conditions, creating more even, consistent temperatures.



*Variable capacity* gradually ramps up and down to keep the temperature exactly where you want it, using even less power.

### How It Works



1. When it gets warm inside your home, your thermostat automatically activates your air conditioner to compensate.
2. The air conditioner on the outside of your home circulates refrigerant that absorbs heat from the indoor environment through the coil as it travels between the indoor coil and the air conditioner outside.
3. As refrigerant flows through the evaporator coil, a blower in the furnace moves the warm air across the coil surface, removing heat and dispensing the cooled air through your home's ductwork.
4. The captured heat is then sent back to the air conditioner outside to be released into the outside air, cooling your home comfortably and efficiently.



### Corrosion Protection

Select Armstrong Air Air Conditioner units feature OmniGuard™ Total Corrosion Protection Technology, offering improved corrosion protection compared to traditional coils and preserving the life of your system for years to come.



# Exceptional cooling for a home that's just the way you want it.

Inside every Armstrong Air air conditioner, you'll find a high level of technology and craftsmanship, backed by a 10-year Limited Warranty on the compressor\* and a 10-year Limited Warranty on parts.\*



## MHT™ Technology

Armstrong Air's proprietary heat transfer system uses a specially designed fan shroud, rifled tubing and lanced coil fins for maximum heat transfer and efficiency.

## Noise Reduction

A swept-wing fan blade design reduces turbulence, while a heavy-duty compressor blanket further reduces sound levels.

## Integrated Compressor Protection

High- and low-pressure switches protect the compressor, helping to ensure lasting performance.

## Comfort Sync™ Control Panel

All Pro Series™ units continuously monitor internal components for optimum performance and fault prevention, and notify you and your dealer if repairs or maintenance are needed.

## Inverter-Driven Scroll Compressor

Rather than running at one or even two speeds, the scroll compressor uses an inverter motor that can change its speed in small, precise increments, saving more energy while holding your temperature precisely where you set it.

## Sealed Contactor with Lugs

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

\*Product registration required. Warranty applies to residential applications only. For terms, conditions and exclusions, see full warranty at [armstrongair.com](http://armstrongair.com).

When it's warm, you'll be perfectly comfortable with these reliable single-stage air conditioners.

## 4SCUI3LE & 4SCUI3LB

**Proven technology & exceptional value**



With SEER ratings up to 14.00, these air conditioners deliver consistent efficiency and performance through the hottest of summers.

*Only available in the Northern U.S. and Canada per Federal Government regulations.*



Up to 14 SEER



MHT™ Technology



Integrated Compressor Protection



Single-Stage Scroll Compressor



Sealed Contactor with Lugs (13LE only)



Model shown **4SCUI3LE**

## 4SCUI6LE & 4SCUI4LB

**A commitment to exceeding expectations**



Delivering up to 16 SEER, the 4SCUI6LE and 4SCUI4LB are the perfect blend of higher efficiency, quality and quieter operation. Thoughtfully designed, these units may qualify for local utility rebates\* and reduce energy bills, while providing a comfortable home environment. In addition, Omniguard Total Corrosion Protection Technology offers enhanced corrosion protection, lowering overall maintenance costs.



Up to 16 SEER



MHT Technology



**Omniguard Total Corrosion Protection Technology**



**Compressor Sound Blanket (16LE only)**



Integrated Compressor Protection



Single-Stage Scroll Compressor



Sealed Contactor with Lugs (16LE only)



Model shown **4SCUI6LE**



Efficiency



Reliability



Air Quality



Peace of Mind



Noise Reduction

# Pro Series™ air conditioners offer ultimate control with up to twice the efficiency of older units.

## 4SCU16LS

**A powerful combination of performance & efficiency**



Offering 16 SEER efficiency, the 4SCU16LS saves you money every month, and may qualify for local utility rebates.\* Because it operates at two different speeds, this air conditioner provides enhanced performance with improved control over temperature and humidity for healthier air throughout your home. Plus the 4SCU16LS constantly monitors itself for optimum performance and complete peace of mind.

## 4SCU20LX

**Extreme precision & maximum control**



The 4SCU20LX true variable-capacity air conditioner helps keep your home's temperature precisely where you want it and may qualify for local utility rebates.\* Rather than running at one or even two speeds, the inverter-driven scroll compressor changes speed in small increments for exact temperatures. Plus Comfort Sync™ zoning delivers precise temperatures from room to room for complete home temperature control.



Up to 16 SEER	
MHT Technology	
Compressor Sound Blanket	
Integrated Compressor Protection	
<b>Two-Stage Scroll Compressor</b>	
Sealed Contactor with Lugs	
<b>Self-Diagnosing Control Board</b>	
<b>Comfort Sync Thermostat Enabled</b>	
<b>Comfort Sync Zoning</b>	



<b>Up to 20 SEER</b>	
MHT Technology	
Compressor Sound Blanket	
<b>Swept Wing Fan Blades</b>	
Integrated Compressor Protection	
<b>True Variable Capacity Compressor</b>	
Sealed Contactor with Lugs	
Self-Diagnosing Control Board	
Comfort Sync Thermostat Enabled	
Comfort Sync Zoning	



Armstrong Air Pro Series air conditioners are Comfort Sync thermostat compatible for maximum control. Using a smartphone app, the Comfort Sync thermostat puts advanced temperature monitoring and adjustment right in your hands, no matter where you may be.

\*Ask your Dealer for details.



Models	4SCU13LE & 4SCU13LB	4SCU14LB & 4SCU16LE	4SCU16LS	4SCU20LX
Ideal Usage	Reliably maintains consistent temperatures	Increases efficiency and year-round comfort	Enhances performance and control over temperature and humidity	Delivers maximum control and precise temperatures
Features	4SCU13LE & 4SCU13LB	4SCU14LB & 4SCU16LE	4SCU16LS	4SCU20LX
SEER	Up to 14 SEER	Up to 16 SEER	Up to 16 SEER	Up to 20 SEER
ENERGY STAR® Certified	●	●	●	●
ENERGY STAR Most Efficient				●
Sealed Contactor w/Lugs	● (LE)	● (LE)	●	●
MHT™ Technology	●	●	●	●
Omniguard™ Total Corrosion Protection Technology		●		
Compressor Sound Blanket	● (LE)	● (LE)	●	●
Integrated Compressor Protection	●	●	●	●
True Variable Capacity Compressor				●
Scroll Compressor	Two-Stage		●	
	Single-Stage	●	●	
Comfort Sync™	Thermostat Enabled		●	● (Required)
	Zoning Compatible		●	●
	Control Board		●	●
Swept Wing Fan Blade for Noise Reduction				●
10-Year Warranty*	●	●	●	●

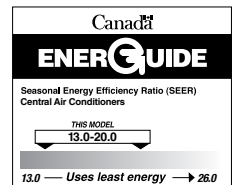
\*Product registration required. Warranty applies to residential applications only. For terms, conditions and exclusions, see full warranty at [armstrongair.com](http://armstrongair.com).



**ARMSTRONG AIR**  
The Professional's Choice

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

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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).