

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

 **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. Innovations such as our MHT™ Technology and 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 innovation—like our Comfort Sync® thermostat, which allows you to easily monitor your unit's performance and enjoy maximum comfort in your home.



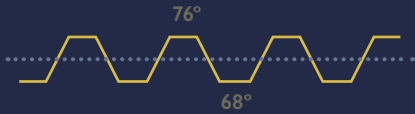
Noise Reduction

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.

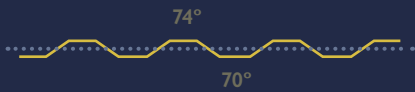
Air Conditioning System Basics

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.

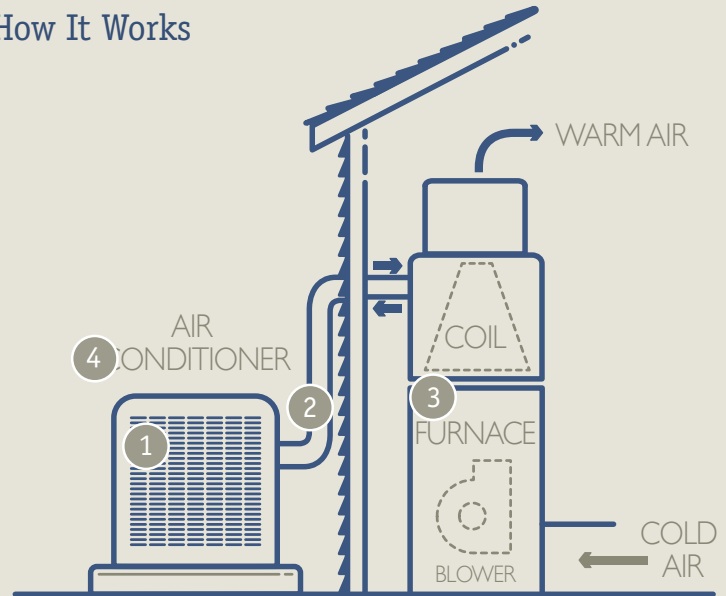


Two stage runs at low or high operating speeds, depending on conditions, creating more even, consistent temperatures.



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.

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.*



Model shown 4SCU20LX

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® Enabled

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.

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.



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 to improve heat transfer and efficiency, these units may qualify for local utility rebates* and reduce monthly energy bills, while providing a comfortable home environment.



Up to 14 SEER



MHT™ Technology



Compressor Sound Blanket (13LE only)



Integrated Compressor Protection



Single-Stage Scroll Compressor



Sealed Contactor with Lugs (13LE only)



Model shown **4SCUI3LE**



Up to 16 SEER



Omniguard® Total Corrosion Protection Technology



MHT 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

*Check with your local utilities to confirm eligibility. Rebates and incentives for efficiency vary by locality and utility. Allied does not make any representation, warranty, guarantee, or other assurance as to whether each model qualifies or is eligible for rebates in your local area.

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



Two-Stage Scroll Compressor



Sealed Contactor with Lugs



Self-Diagnosing Control Panel



Comfort Sync® Enabled



Comfort Sync® Zoning



Up to 20 SEER



MHT Technology



Compressor Sound Blanket



Noise Reduction



Integrated Compressor Protection



True Variable Capacity



Sealed Contactor with Lugs



Self-Diagnosing Control Panel



Comfort Sync® Enabled



Comfort Sync® Zoning



*Check with your local utilities to confirm eligibility. Rebates and incentives for efficiency vary by locality and utility. Allied does not make any representation, warranty, guarantee, or other assurance as to whether each model qualifies or is eligible for rebates in your local area.



Make the Most of Your Air Conditioner

The Comfort Sync® A3 Ultra-Smart Thermostat unlocks the full potential of your Armstrong Air Pro Series™ system. Working together, they deliver enhanced comfort control, optimum system performance and maximum energy efficiency. Using the Comfort Sync® app,* the thermostat can be controlled from anywhere, at any time. The Comfort Sync® A3 also works with Alexa** and Google† Assistant, and can be controlled using voice commands.

*App requires Wi-Fi or cellular data service.

**Comfort Sync® A3 is compatible with Armstrong Air HVAC products and requires separate purchase of Amazon Echo or Echo Dot. As of the date of this publication, Amazon Echo devices are not available for purchase in all countries. This reference is intended for use with U.S.-based thermostats only. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

†Google is a trademark of Google LLC.



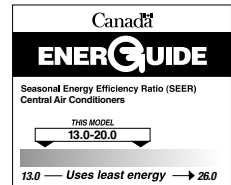


Models	4SCU13LE & 4SCU13LB	4SCU16LE & 4SCU14LB	4SCU16LS	4SCU20LX
Ideal Usage	Reliably maintains consistent temperatures	Increases efficiency and year-round comfort	Enhances performance and control over temperature and humidity	Delivers maximum control and precise temperatures
Features	4SCU13LE & 4SCU13LB	4SCU16LE & 4SCU14LB	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)	●	●
Omniguard® Total Corrosion Protection Technology		●		
MHT™ Technology	●	●	●	●
Compressor Sound Blanket	● (LE)	● (LE)	●	●
Integrated Compressor Protection	●	●	●	●
True Variable Capacity				●
Two-Stage Scroll Compressor			●	
Single-Stage Scroll Compressor	●	●		
Comfort Sync® Enabled			●	● (Required)
Comfort Sync® Zoning			●	●
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.



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.
©2020 Allied Air Enterprises LLC,
a Lennox International Inc. Company

Form No. A4ASCUFL-300 (4/20) PC93791

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.