

Cooling equipment with the features HVAC dealers appreciate.

EASE OF SERVICE

Quicker, more convenient access, threaded connections and other smart touches help you finish the job in less time, and move on to your next opportunity.

EASE OF INSTALLATION

Intelligent component placement and a smaller footprint make your installations simpler, faster and more convenient

You can further simplify installation with the advanced Comfort Sync™ programmable thermostat, available for every 18 and 16 SEER air conditioner and heat pump. These communicating-enabled models feature four-wire connection, auto-setup and commissioning, real-time email notifications and automatic software updates.



CRAFTSMANSHIP

From sleeved distributor tubes to sealed contactors with lugs to MHT™ Technology, every piece of Armstrong Air equipment is a testament to our belief in a better design.

COMMITMENT

Armstrong Air equipment is designed to last, and backed by robust warranties that give your customers peace of mind. Take a look inside and out, and you'll see that we believe in long-term satisfaction.

Armstrong Air cooling products. The reliable, technologically advanced choice of professionals nationwide.

When you make the decision to sell Armstrong Air, you're choosing to offer a product that offers customers advanced cooling technology, excellent performance and consistent efficiency. But you're also choosing a product designed with you in mind, full of features that simplify every service call and installation. That's why day after day, in city after city, **Armstrong Air remains THE PROFESSIONAL'S CHOICE.**



ARMSTRONG AIR
The Professional's Choice

Air Conditioners and Heat Pumps



Technology and precise engineering deliver lasting performance.



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

Printed in U.S.A.
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Form No. AACM-400 (03/13) PC73683

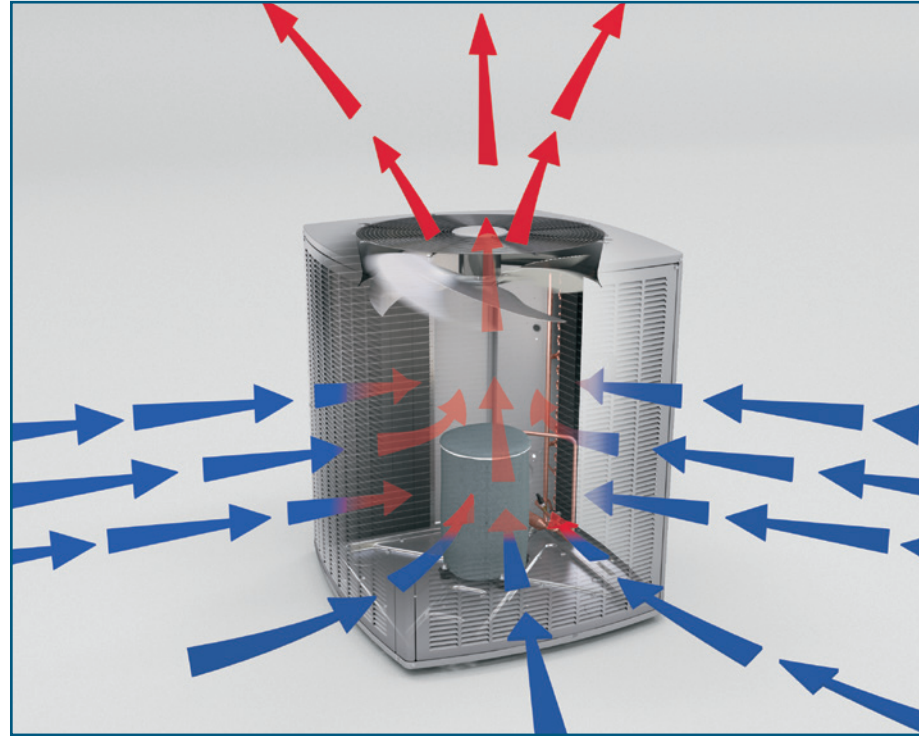


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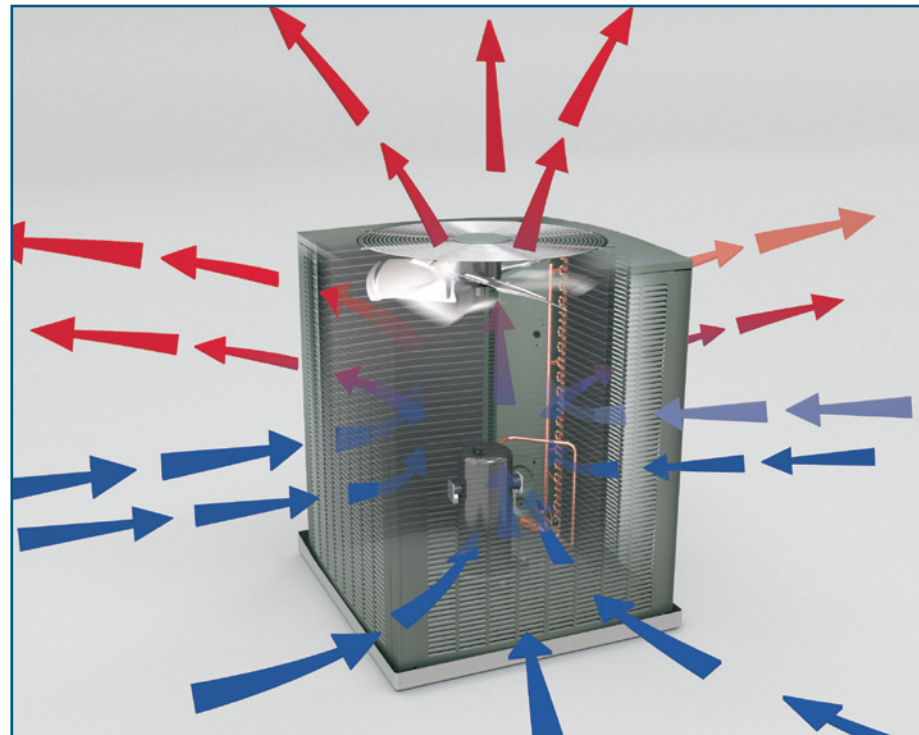
ARMSTRONG AIR
The Professional's Choice

Armstrong Air™ cooling products with MHT™ Technology.

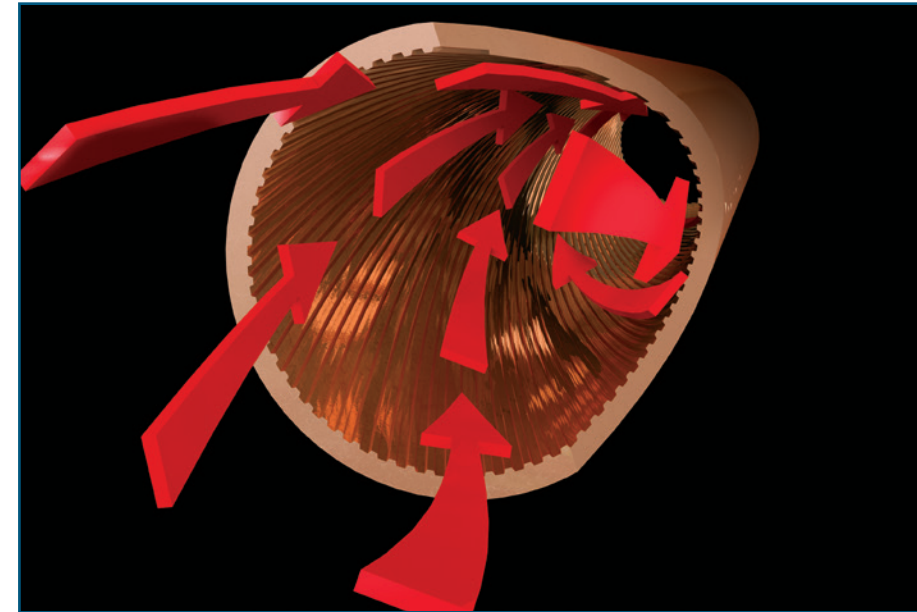
Armstrong Air's constant pursuit of more advanced heating and cooling technology has led us to a new design known as MHT Technology. Using a combination of four new advances—a Venturi fan system, rifled tubing, lanced fin stock and Clean Sweep defrost*—products with MHT technology are able to transfer heat more efficiently and effectively.



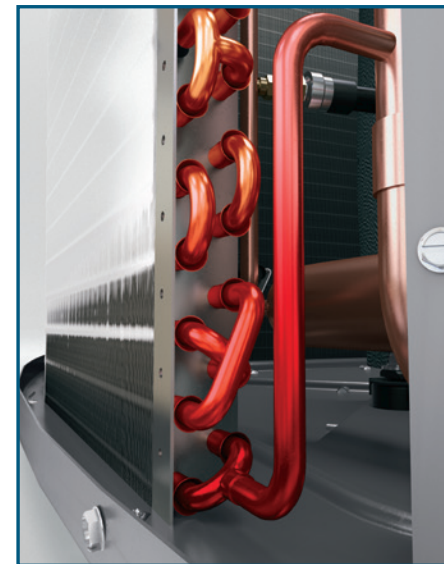
Venturi fan system
A specially designed fan shroud reduces turbulence at the fan blade tips, directing air through the unit in a smooth, steady stream. This allows the unit to pull more air evenly over the entire coil surface and improve the unit's efficiency.



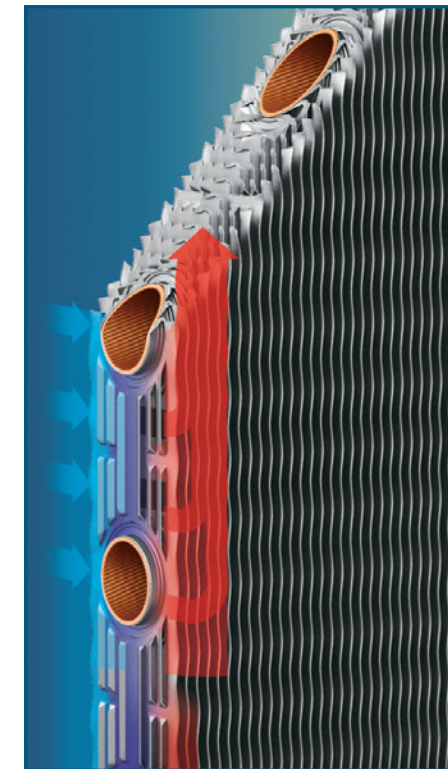
No Venturi shroud
Without the fan shroud, air is allowed to spin off at the tips of the blades, pushing air out of the coil's top section, reducing the amount of surface area for heat transfer.



Rifled tubing
The rifled tubing found in Armstrong Air coils accelerates the refrigerant towards the walls of the coil tubing. Since more refrigerant is allowed to contact the metal of the tube as it flows, the refrigerant can transfer more of the heat it's carrying out into the atmosphere.



Lanced fin stock
Heat transfer is all about surface contact. The lanced fins used in MHT Technology allow more air to come into contact against more surface edges, permitting greater heat transfer over time.

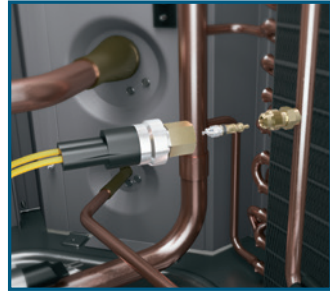


Clean Sweep defrost*
By starting the defrost cycle at the bottom of the coil, and routing hot gas from the bottom up, units with MHT Technology have a more thorough defrost cycle. This will reduce the number of defrost cycles necessary, while also keeping bottom drainage holes free of frost.

*Heat pump only

Precision Service™ Technology

When completing service calls, time is money. The faster and more conveniently you can finish the job, the sooner you're on to the next. Armstrong Air cooling equipment is full of features designed to save time and effort on your part, increasing your profitability.



High and low pressure switch replacement
Brazing takes great time and care to do properly. To speed up the process of pressure switch replacement, both high and low switches feature threaded connections that require no brazing.

Schrader core
At the center of all pressure connections, you'll find a Schrader core. By holding the charge inside, this core eliminates the need for system evacuation and recharging, saving time during pressure switch replacement.



4SHPI8LS model shown

Ease of Installation

To help make every installation faster and more convenient, Armstrong Air has designed several helpful additions into our cooling products. So you'll spend less time on installation sites, and get the job done right every time.



Corner valve placement
Mounting valves on the corner and raised off the ground makes brazing more convenient, while greatly reducing the chance of the torch flame burning the unit.



Footprint
For simplified installation, Armstrong Air cooling units feature a smaller footprint that eliminates the need for pad replacement.

Angled valves
Angling the valves at 45 degrees not only facilitates gauge port access, but it also simplifies evacuation and charging.



Simplified fan removal*
To speed up service, the fan and motor disconnect quickly and easily and stow out of your way.



Control board
Armstrong Air takes the guesswork out of diagnostics by creating a control board with fault code LEDs. For quick reference, all possible fault codes are printed on the inside of the control cover.



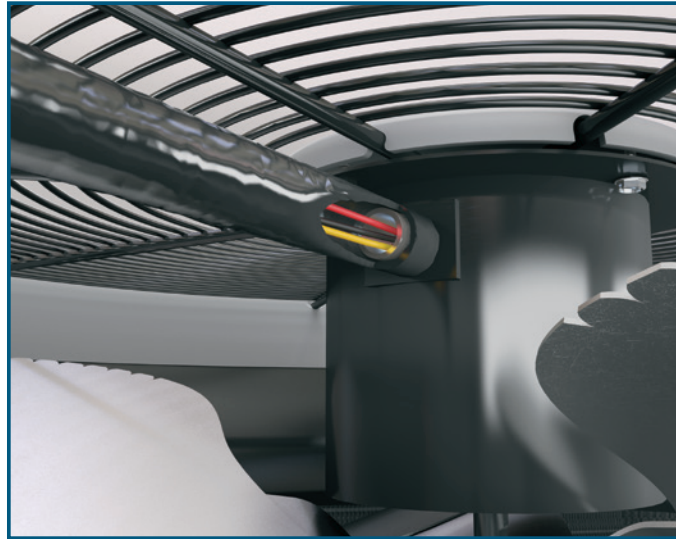
Fewer screws
Securing access panels with only two screws simplifies service and coil cleaning.

Four-way access panels
It's easier to do the job when you have plenty of room to move and see what you're doing. Armstrong Air cooling units include removable panels on all four sides, attached to corner posts, giving you more light and more room to work. Allowing access to all four sides also makes coil cleaning simpler and more effective.

*13 and 14 SEER models

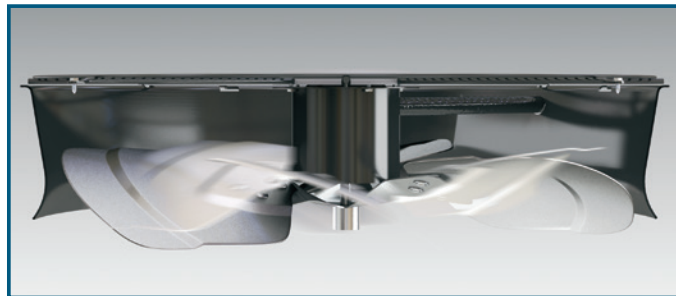
Superior Construction and Quality

Throughout every piece of Armstrong Air cooling equipment, you'll find smart touches designed to reduce wear, increase life and boost reliability over time. So your customers are getting a solid investment for their money.



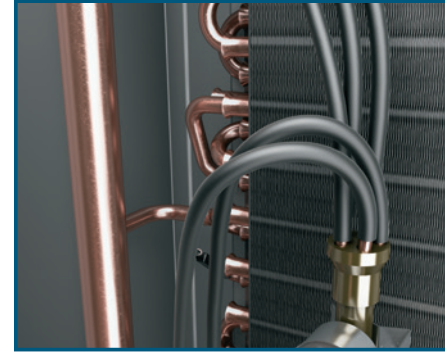
Motor conduit bushing

The wiring going to the fan motor passes through a sealed bushing, eliminating the chance of moisture intrusion into the motor and protecting wires from the elements.



"T" design fan blades

Armstrong Air fan blades use a "T" design that helps preserve blade shape during normal rotation. This reduces noise levels and preserves airflow.



Sleeved distribution lines

Soft metals like copper are susceptible to scuffing and abrasion over time, which can lead to refrigerant leaks. Armstrong Air cooling lines come from the factory with tough protective sleeves to guard against contact and damage.



5/16" tubing

Armstrong Air's use of 5/16" tubing makes the refrigerant flow less susceptible to restrictions from brazing, preserving performance.



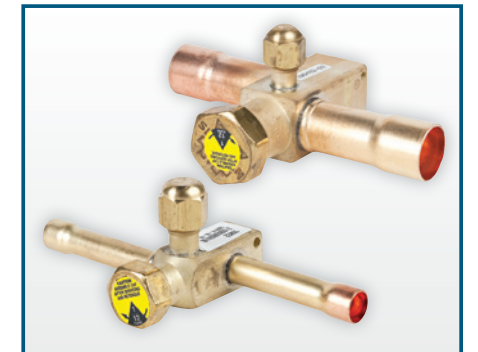
Sealed contactor with lugs

Allows for secure connections and prevents the nuisance of insects shorting out the contactor.



Compressor protection

High and low refrigerant pressures can cause serious damage to the compressor. Armstrong Air cooling units feature pressure switches that protect the compressor from refrigerant pressure extremes.



Brass-to-brass connections

The use of many brass-to-brass connections throughout the refrigerant circuit helps guard against compressor damage and refrigerant loss. Brass-to-brass connections create a superior seal without the use of O-rings, and allow tighter cap torque.