

## Air Handlers

Compact and  
High Efficiency



THE PRODUCTS PROFESSIONALS TRUST TO CIRCULATE AIR THROUGHOUT YOUR HOME.

# THE PROFESSIONAL'S CHOICE



  
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™ line of air handlers 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 represents the premium choice of HVAC professionals throughout North America.

## Expert guidance every step of the way

Choosing the right HVAC professional can be just as important as the air handler 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 to create the perfect environment.

At Armstrong Air, working to create the perfect system for you is our first priority. We recognize that buying a new heating and 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

A matched system increases performance and optimizes operational efficiency, lowering your monthly utility bills. When you match your air handler with an Armstrong Air heat pump or air conditioner, your system will deliver higher HSPF and SEER, saving you money.



## Reliability

You can always count on your Armstrong Air unit. Leading-edge technologies such as MHT™ and Omniguard™ Total Corrosion Protection Technology, plus other advanced design features, work together to help deliver premium performance and extend the life of your system.



## Air Quality

Where you live matters. Your family's sensitivity to a host of natural and man-made allergens means enhanced air quality is 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 makes it easier for you to monitor your system's performance and help maximize your comfort in your home.



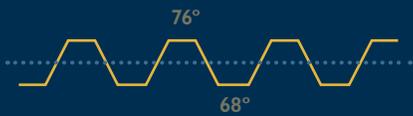
## Noise Reduction

Comfort and performance also include quiet operation of your system. Armstrong Air air handler units feature foil-lined insulation and insulated cabinet doors for quieter operation. Variable-speed fans also ramp up slowly, making less noise.

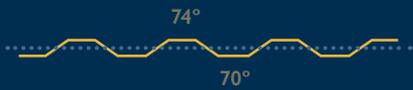
## Air Handlers

Professionals choose air handlers from Armstrong Air because of their application flexibility, performance and efficiency. All units are carefully designed to fit in a variety of spaces—like closets, crawlspaces and attics of all sizes. Every unit delivers Armstrong Air's commitment to quality craftsmanship, energy-efficient performance and long-lasting reliability.

### How motor stages affect temperature control



**Fixed Speed (PSC):** A reliable, single-speed, direct-drive motor provides a consistent airflow to maintain even temperature ranges.



**Constant Torque:** The single-speed blower maintains a more consistent airflow operating with greater efficiency.



**Variable Speed:** The blower constantly adjusts airflow and humidity levels, which creates more even temperatures throughout your home, while also being the most energy efficient.

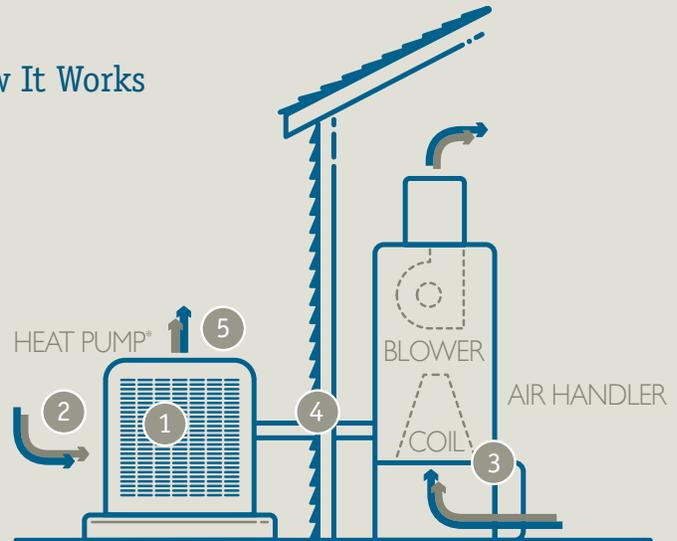


### Corrosion Protection

All Armstrong Air air handler units feature Omniguard™ Total Corrosion Protection Technology, offering improved corrosion protection compared to traditional coils helping to preserve the life of your system for years to come.



## How It Works



\* Armstrong Air air handlers also work with air conditioners in straight cool configurations.

1. The heat pump on the outside of your home circulates refrigerant that absorbs and releases heat as it travels between the heat pump and the air handler inside.
2. When it's cold outside, a heat pump extracts outside heat and transfers it inside.
3. The refrigerant flows through the air handler's evaporative coil, which features Omniguard™ Total Corrosion Protection Technology that helps to protect the coil from indoor corrosive elements such as aerosols, cleaners and other chemicals. The blower moves the air across the coil surface to warm air that's sent through your home's ductwork.
4. The cold refrigerant is sent back to the heat pump outside so the process can repeat itself and continue to warm your home.
5. When it's warm outside, the heat pump reverses direction and acts like an air conditioner, removing heat from your home.



# Inside the design of an Armstrong Air air handler.



- **Variable-Speed Blower:**  
*By changing the speed of airflow during startup, your air handler can reduce humidity levels and create more even temperatures throughout your home, while enhancing efficiency and helping reduce operating noise.*
- **Comfort Sync™ Enabled Control Board:**  
*Your Armstrong Air unit can continuously monitor internal components to help optimize performance and fault prevention. It can even work together with your Comfort Sync thermostat to notify you and your dealer if repairs or maintenance are needed.*
- **Optional Heat Strips:**  
*Electric strips installed inside the cabinet serve as an additional heat source to give an extra boost of heat on the coldest days of the year.*
- **Insulated Cabinet:**  
*Blower compartment uses thick insulation to help prevent loss of air, while reducing noise from the motor for quieter, relaxing comfort.*
- **Antimicrobial Protection:**  
*Drain pans are infused with an antimicrobial agent, which helps protect against mold and mildew growth and buildup.*
- **Omniguard™ Total Corrosion Protection Technology:**  
*Evaporator coil technology helps to guard against harsh corrosive elements that get circulated indoors and settle on the coil. Combining this enhanced corrosion resistance technology with our Maximum Heat Transfer technology provides more reliable and efficient operation.*

- **MHT™ Technology:**  
*Our proprietary Maximum Heat Transfer system uses advanced design to increase surface contact and heat transfer, so you can enjoy more comfort with lower utility bills.*



# Our compact BCE5 air handlers deliver big performance.

## BCE5C Built for reliability



## BCE5E Enjoy warmth in the winter and cool savings in the summer



## BCE5V Consistent comfort throughout the year



Designed to deliver dependable comfort, the BCE5C's permanent split capacitor (PSC) motor delivers consistent air throughout the seasons. For the optimal performance, pair this air handler with an Armstrong Air heat pump or air conditioner.

Designed to help provide energy savings and increase efficiency, the BCE5E's constant torque motor provides a steady flow of air, maintaining a more consistent airflow than a single-speed PSC motor. The unit works most effectively when paired with a matched Armstrong Air heat pump or air conditioner, saving you money every month, and it may qualify for local utility rebates.\*

The BCE5V features a variable-speed motor that accurately controls temperature and humidity to help keep you comfortable. The unit is the ideal solution for high-humidity environments, and when paired with matched heat pumps and air conditioners, are designed to help provide year-long savings.

PSC Blower Motor	
MHT™ Technology	
Omniguard™ Total Corrosion Protection Technology	
Insulated Cabinet	
Antimicrobial Protection	

<b>Constant Torque Blower Motor</b>	
MHT Technology	
Omniguard Total Corrosion Protection Technology	
Insulated Cabinet	
Antimicrobial Protection	

<b>Variable-Speed Blower Motor</b>	
MHT Technology	
Omniguard Total Corrosion Protection Technology	
Insulated Cabinet	
Antimicrobial Protection	

- 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 the each model qualifies or is eligible for rebates in your local area.

# The high-performance BCE7 air handlers deliver efficient temperature and humidity control.

## **BCE7E** Designed for high performance



## **BCE7S** Precise and efficient comfort control



Featuring a constant torque blower motor, the BCE7E combines energy efficiency with consistent airflow and steady temperatures. The sealed cabinet is designed for less than 2% air leakage to help maximize efficiency. Pair with a matched Armstrong Air heat pump for optimal performance and better qualify for local utility rebates.\*

Quiet and efficient, the variable-speed fan motor in the BCE7S accurately adjusts temperature and airflow to help create the perfect home environment. Part of the Pro Series™ Systems, when paired with a Comfort Sync™ thermostat, the BCE7S delivers unprecedented control and exceptional energy savings.

Constant Torque Blower Motor	
MHT Technology	
Omniguard Total Corrosion Protection Technology	
Insulated Cabinet	
Antimicrobial Protection	

<b>Variable-Speed Blower Motor</b>	
<b>Self-Diagnosing Control Board</b>	
<b>Comfort Sync Thermostat Enabled</b>	
<b>Comfort Sync Zoning Compatible</b>	
MHT Technology	
Omniguard Total Corrosion Protection Technology	
Insulated Cabinet	
Antimicrobial Protection	



Armstrong Air Pro Series™ air handlers 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, even if you aren't at home.



Offers reliable performance and dependable comfort



Delivers consistent efficiency and energy savings



Increases efficiency, temperature and humidity control



Greater efficiency and may qualify for regional rebates\*



Provides maximum control, precision and efficiency

Features	BCE5C	BCE5E	BCE5V	BCE7E	BCE7S
Configuration	1-Piece	1-Piece	1-Piece	2-Piece	2-Piece
Evaporator Coil	Aluminum Tube/ Aluminum Fin				
Blower Motor	PSC	Constant Torque	Variable Speed	Constant Torque	Variable Speed
Self-Diagnosing Control Board					●
Comfort Sync™ Thermostat Enabled					●
Comfort Sync Zoning					●
Omniguard™ Total Corrosion Protection Technology	●	●	●	●	●
MHT™ Technology	●	●	●	●	●
Microban® Antimicrobial Protection	●	●	●	●	●
Insulated Cabinet	●	●	●	●	●
Limited Warranty on Parts†	10-Year	10-Year	10-Year	10-Year	10-Year

\* 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 the each model qualifies or is eligible for rebates in your local area.

† 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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