

BCS2S

Variable Speed
Air Handlers



THE PRODUCTS PROFESSIONALS TRUST TO HANDLE THE JOB OF CIRCULATING AIR THROUGHOUT YOUR HOME.

THE PROFESSIONAL'S CHOICE



ARMSTRONG
AIR
The Professional's Choice



Professionals know how
to get the job done.

That's why they choose
Armstrong Air.TM

The BCS2S circulates the air inside your home with **precision, efficiency and rock-solid performance.** It uses variable speed technology to deliver even temperatures, while lowering humidity and noise levels. That's why it's chosen by industry professionals who know heating and cooling equipment inside and out, and why you can feel confident that the BCS2S is perfect for your home.

Inside the design of an Armstrong Air BCS2S air handler:



MHT™ Technology:
Armstrong Air's proprietary heat transfer system. 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.

- **Variable Speed Blower:**
By changing the speed of airflow during startup, your furnace can adjust humidity levels and create more even temperatures throughout your home, while enhancing efficiency and reducing operating noise.
- **Optional Heat Strips:**
Electric strips installed inside the cabinet serve as an additional heat source and make the cold air passing through the air handler comfortably warm.
- **Insulated Cabinet:**
Blower compartment uses thick insulation to prevent loss of air, while reducing noise from the motor for quiet, relaxing comfort.
- **Microban® Protection:**
Drain pans are infused with an antibacterial agent that destabilizes the membrane of microorganism cells, disrupting the cellular function of odor-causing mold and bacteria so they can no longer grow and reproduce.
- **Advanced Drain Pan Design:**
These air handlers feature the industry's lowest water retention rate for extremely effective condensate removal. Because the coil sits above the drain pan and not in it, this design reduces the chance of coil corrosion.

Comfort Sync®-enabled Control Board:
Your Armstrong Air BCS2S can continuously monitor internal components for optimum 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.

The advanced features of the Armstrong Air BCS2S work together to bring you:

CRAFTSMANSHIP

The **BCS2S** includes thoughtful details like **MHT Technology**, a special tube design that uses internal rifling to increase heat transfer. This allows the BCS2S to operate with **greater efficiency and performance**.

EFFICIENCY

A **BCS2S** air handler provides efficient performance all year long, especially when matched with an Armstrong Air heat pump or air conditioner. Variable speed technology inside **the BCS2S delivers maximum energy savings**.

COMMITMENT

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

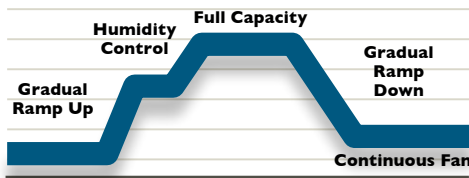
Armstrong Air™ technology not only does the job of maintaining your ideal environment, but also does it quietly and efficiently.

PRECISE PERFORMANCE

A variable speed blower inside the BCS2S provides a high-tech buffer against the initial cold blast of air that's often associated with heat pump operation during startup. It builds speed slowly, allowing the air to be heated at a comfortable temperature before it's circulated throughout your home.

Gradual increases in fan speed also help control humidity levels during cooling mode and minimize operating noises. These same performance advantages are delivered by the BCS2S when it's combined with an air-conditioning unit.

VARIABLE BLOWER SPEED OPERATION



Gradual ramp up and down of the variable speed motor significantly reduce sound

COMFORT SYNC®

The Comfort Sync thermostat offers technologically advanced management of your HVAC system. From remote access via smartphone, tablet or laptop to live weather forecasts to an energy-saving One-Touch Away mode, you will enjoy more control and greater energy savings with just a few touches.



EFFICIENCY

Armstrong Air BCS2S air handlers are designed to work with a matched outdoor unit—an air conditioner or a heat pump—to maximize energy savings. The BCS2S's variable speed blower motor keeps your utility bills in check by running mostly at low speed and providing an increase in SEER (Seasonal Energy Efficiency Ratio) for matching outdoor cooling units.**

COMFORT

You will enjoy cleaner air with Microban-infused drain pans that inhibit the growth of mold and mildew. So you enjoy a healthier environment year after year.



Armstrong Air with Microban protection

Others without Microban protection

*Warranty applies to residential applications only. See full warranty at www.alliedair.com for terms, conditions and exclusions.

**On select AHRI matched systems

The Armstrong Air **BCS2S**. Chosen by those who have high expectations for HVAC system performance.

Armstrong Air **BCS2S** air handlers deliver consistently excellent performance using a proven combination of experience and expertise that's put to work every day in homes across the country. When you trust Armstrong Air to deliver efficient, technologically advanced heating and cooling, you're making the right choice.

Because you're making THE PROFESSIONAL'S CHOICE.



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.
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Form No. ABCS2S-300 (07/13) PC74853

