

Mini-Split
Systems
Ductless
Applications



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

Since 1928, we've been providing homeowners with reliable, well-built heating and cooling products that make life easier and more comfortable. The Armstrong Air® full line of mini-splits is a great 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 go-to 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 mini-split system 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, choosing the best mini-split 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. With a full suite of products available, 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) during the summer and HSPF (Heating Seasonal Performance Factor) during the winter—the higher these numbers, the greater the efficiency. Replacing an older unit with a 14 SEER/8.2 HSPF or higher unit can increase performance and start saving you money immediately. New for 2023: SEER2 and HSPF2 are new ratings that reflect changes to national testing standards. Think of it like highway vs. city gas mileage. SEER2 and HSPF2 more closely reflect energy efficiency in real life applications, which is why the rating is slightly lower.



Reliability

You can always count on your Armstrong Air mini-split system. Built and tested to standards well above industry norms, the inverter-driven compressor offers higher efficiencies than traditional split systems.



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.



Noise Reduction

Comfort and performance also include quiet operation of your mini-split system.

Engineered to fit where you need it.

With their small footprint and incredibly quiet noise levels, you have the flexibility to add HVAC while reducing the costs and aesthetic impact of adding air ducts to an existing home. Mini-splits offer comfort and flexibility for nearly any area of your home.



What is a heat pump system?

Mini-splits are a compact heat pump system that provides heating and cooling without the need for added ducting.

Ductless or ducted?

Mini-splits offer solutions where traditional ducting isn't practical.

Ductless Mini-Splits

Ductless mini-split heat pumps are a highly efficient solution for transforming garages, sunrooms and other bonus rooms into comfortable, 4-season retreats.

Ducted Heat Pumps

Traditional heat pump units are also a highly efficient HVAC system when paired with an air handler and existing ductwork.



DUCTLESS AIR HANDLER

CONVENTIONAL HEAT PUMP UNIT

Heat and cools the rest of the house, but not this new addition



Room add-on

Ductless Mini-Split

Address hot/cold spots

No duct work needed

Budget friendly



DUCTED AIR HANDLER

TRADITIONAL HEAT PUMP UNIT

The flexibility you need. The reliability you expect.

Mini-split heat pump systems are the right answer where traditional systems just won't fit. From historic home renovations to room add-ons, mini-split heat pumps are a reliable, simple-to-install solution that doesn't compromise on comfort.

Energy Savings

Save on your utility bills

Mini-split heat pumps can offer dramatically increased efficiency—up to 25.5 SEER (25.5 SEER2)—reducing energy consumption by more than half!¹

Small Footprint

Comfort that can fit anywhere

Their small footprint and flexibility to mount on the wall or on the ground makes mini-splits the ideal choice for space-constrained installations.

Quiet Operation

Keep the peace outdoors

Incredibly quiet operation as low as 51 dBA—less than one quarter of the sound you typically hear from a 14 SEER single-stage heat pump. That makes mini splits perfect near outdoor living areas or in strict noise ordinance zones.

1. Energy savings is a rough estimate based on national average cost per KW/h and cooling degree days on a three-ton system. The savings are not guaranteed and depend on various factors such as weather, temperature set points, home insulation, duct work, maintenance and other factors.

Higher efficiency means greater savings

Annual Cost:

25.5 SEER \$276

14 SEER \$448

10 SEER \$627

Assumptions:

13.19 cents per KW/h:

U.S. average

1320 yearly cooling hours:

U.S. average (days above 65 degrees)

3-ton system

Save up to

62%



On annual energy bills with 25.5 SEER efficiency



Mini-split Heat Pumps

Take advantage of the latest technology and enjoy incredibly low noise and high energy efficiency levels up to 25.5 SEER2. That's well above traditional outdoor heat pumps!

4DHP2

Up to 25.5 SEER / 13.2 HSPF	
Up to 25.5 SEER2 / 12.3 HSPF2	
Multi-zone and single-zone	
ENERGY STAR® Most Efficient	
Low sound levels	
Inverter-driven compressor	
Temperature stability	
Heating down to -13 degrees	
On-Demand defrost	

4DHPV2

Up to 21.5 SEER / 10.8 HSPF	
Up to 21.5 SEER2 / 9.4 HSPF2	
Single-zone	
ENERGY STAR® Rated	
Low sound levels	
Variable-capacity compressor	
Temperature stability	
Heating down to 5 degrees	
On-demand defrost	



Ductless Air Handlers

In homes and rooms where ductwork isn't available or desired, ductless air handlers can deliver incredibly quiet, energy efficient comfort wherever you need it.

DWM2

On/off occupancy sensor	
Fine-tuned humidity control	
Low sound levels	
Temperature stability	
Three speed blower motor	
Remote temperature control	
Pre-heat blower delay	
Built-in air filter	
Single-zone ductless	

DWH2

Low sound levels	
Three speed blower motor	
Remote temperature control	
Built-in air filter	
Single-zone ductless	



Efficiency



Reliability







Air Quality



Noise Reduction



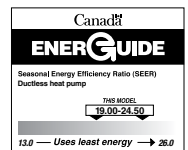
Peace of Mind

	Outdoor Mini-split Units	
	4DHP2	4DHP2
SEER / HSPF	25.5 SEER / 13.2 HSPF	Up to 21.5 SEER / 10.8 HSPF
SEER2 / HSPF2	25.5 SEER2 / 12.3 HSPF2	Up to 21.5 SEER2 / 9.4 HSPF2
Fine-tuned humidity control	●	
ENERGY STAR® Most Efficient	●	
Low Sound		●
Provides heating down to	-13°F	5°F
Inverter-Driven Compressor	●	●
Wall-Mounted Air Handler	●	●
Multiple Indoor Air Handler Solutions	●	
 DWM2 Wall-Mounted Indoor Unit	●	
 DWH2 Wall-Mounted Indoor Unit		●
 D22C & D33C Ceiling Cassette Indoor Unit	●	
 DMD Ducted Indoor Unit	●	
Limited Warranty on Compressor ²	7-Year	7-Year
Limited Warranty on Parts ²	5-Year	5-Year
12-Year Extended Warranty ²	●	

2. Residential applications only. For terms, conditions and exclusions, see full warranty at alliedair.com



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.