



BUILT FOR LIFE. YOURS.

Heat Pumps

2025 Compliant Refrigerant

Variable-Speed and Single-Stage Units

Building Your Ideal Environment

Armstrong Air® makes it simple to take control of your comfort with a personalized heating and cooling system. Explore some of the premium features found in our heat pump units.

For a cleaner tomorrow

We believe building for tomorrow is as important as building for today. The transition to low Global Warming Potential (GWP) refrigerants represents a positive step for the environment, as it significantly reduces the impact of harmful greenhouse gases.

The new refrigerant used in our products reduces global warming potential by 78%*. That helps all of us reduce our environmental impact and build toward a cleaner future for everyone.

**Global, national, state, and local GWP requirements may change at any time without notice.*

COLD CLIMATE ENGINEERING



Select heat pumps offer state-of-the-art engineering for high performance heating even down to 5° Fahrenheit.

ENERGY EFFICIENT



Up to 21 SEER2 units help slash home energy consumption and may qualify for local and federal incentives.

INCREDIBLY QUIET



Purposeful engineering cuts noise by more than half compared to single-stage condensers and heat pumps.

FULLY INTELLIGENT SYSTEM



Unlock the full capabilities of any Pro Series™ system with the intuitive Comfort Sync® A3 Thermostat.



Built Smarter To Last Longer

Inside every Armstrong Air® heat pump, you'll find the highest level of technology and craftsmanship backed by leading warranties.

BACK YOUR INVESTMENT WITH THE INDUSTRY'S STRONGEST WARRANTIES.

Installations by Armstrong Air dealers are backed by our unit replacement program*, along with a 10-year limited warranty on parts and compressor for lasting peace of mind.**

* Available from participating dealers, exclusions may apply.
** Warranty applies to residential applications only. For terms, conditions and exclusions, see full warranty at armstrongair.com.



1

NOISE REDUCTION

A swept-wing fan blade design reduces turbulence, while a heavy-duty compressor blanket helps to further reduce sound levels.

2

MHT™ TECHNOLOGY

Armstrong Air's proprietary maximum heat transfer (MHT) technology helps increase air flow over the coils in your outdoor unit, moving heat in and out of your home more effectively. It helps our heat pumps deliver long-lasting, quiet and highly efficient heating for your home all year long.

3

VARIABLE-SPEED COMPRESSOR

The inverter-driven compressor changes its speed in small, precise increments like a dimmer switch to provide longer, gentler run cycles. This results in lower energy bills* keeping temperatures precisely where you want them.

4

CLEAN-SWEEP DEFROST

Starts the defrost cycle at the bottom of the coil to ensure all ice and frost build up is removed effectively and helps prevent ice dams at the bottom of the unit.

5

QUIET SHIFT™ TECHNOLOGY

Allows heat pumps to switch between heating and cooling mode without excessive pressure. That means no disruption to your peace, whether it's dissipating performance-robbing frost and ice in winter or adapting to dramatic temperature swings in spring.

6

OMNIGUARD® TOTAL CORROSION PROTECTION TECHNOLOGY

All Armstrong Air outdoor units feature Omniguard® Corrosion Protection Technology, offering improved protection compared to traditional coils and preserving the life of your system for years to come.

7

REMINDERS TO YOUR PHONE

The Comfort Sync® A3 Thermostat communicates with each component, making constant adjustments and gives you the option to send reminders direct to your smart phone.

8

ALL CLIMATE PERFORMANCE

Featuring state-of-the-art cold climate technology, Armstrong Air Heat Pumps provide high performance cooling and heating up to 21 SEER2 and 10 HSPF2 even in temperatures as low as 5° Fahrenheit.

* Energy savings are not guaranteed and depend on various factors such as weather, temperature set points, home insulation, duct work, maintenance and other factors.

●●● PRO SERIES

Our highest performance products featuring intuitive operation and unmatched control over your home comfort.



Products featuring greater control for consistent temperatures and enhanced energy efficiency.



A7CP21V

Your ideal home environment

The new Pro Series A7CP21V has been purposefully engineered to create your family's ideal environment. Featuring state-of-the-art cold climate technology, the A7CP21V provides high performance cooling and heating up to 22 SEER2 and 10 HSPF2 even in temperatures as low as 5° Fahrenheit. Plus, its premium variable-speed compressor delivers consistent temperatures and humidity control across your home with minimal energy use and whisper quiet noise levels. It's a win-win for your home and the environment. Pair it with the Comfort Sync® A3 Thermostat to put ultimate control of your home environment in your hands.

EFFICIENCY RATING (SEER2)	21*
SAVES UP TO 52% ON YOUR ENERGY BILLS**	

KEY FEATURES

TRUE VARIABLE-SPEED COMPRESSOR

DUAL-FUEL COMPATIBLE

COMFORT SYNC® A3 THERMOSTAT ENABLED

MORE THAN 50% QUIETER**

ALL CLIMATE PERFORMANCE

A7HP19V

Powerful combination of comfort and efficiency

For those seeking a powerful heat pump with the ideal balance of home comfort and energy efficiency, the A7HP19V delivers. Instead of simply on-or-off, the up to 19 SEER2 and 8.5 HSPF2 inverter-driven compressor operates at variable speeds. That means quieter noise levels, consistent temperatures and enhanced dehumidification, all backed by purposeful engineering to keep your unit running at peak performance.

EFFICIENCY RATING (SEER2)	19*
SAVES UP TO 45% ON YOUR ENERGY BILLS**	

KEY FEATURES

TRUE VARIABLE-SPEED COMPRESSOR

DUAL-FUEL COMPATIBLE

COMFORT SYNC® A3 THERMOSTAT ENABLED

MORE THAN 50% QUIETER**

* May qualify for local utility rebates

** Compared to a 10 SEER single-stage heat pump

Our single-stage line offers industry-leading reliability and efficient performance season after season.



A7HP14F

Core performance and everyday efficiency

The A7HP14F heat pump is designed with essential features you need for efficient performance and reliable comfort. With its single-stage scroll compressor, up to 16.2 SEER2 and 7.5 HSPF2 efficiency rating, integrated compressor sound blanket and Omniguard® Corrosion Protection Technology, the 4SHP17LE is purposefully engineered to deliver quieter noise levels, long-lasting operation and lower overall operating costs season after season.

EFFICIENCY RATING (SEER2)	16.2*
SAVES UP TO 41% ON YOUR ENERGY BILLS**	

KEY FEATURES

SINGLE-STAGE COMPRESSOR

DUAL-FUEL COMPATIBLE

* May qualify for local utility rebates

** Compared to a 10 SEER single-stage heat pump

PRO SERIES

FEATURES	A7CP21V	A7HP19V	A7HP14F
Efficiency Rating	Up to 22 SEER2, 10 HSPF2	Up to 19 SEER2, 8.5 HSPF2	Up to 16.2 SEER2, 7.5 HSPF2
Energy Star® Certified	•	•	•
ENERGY STAR® Most Efficient	•		
R-454B Refrigerant	•	•	•
Dual-Fuel Compatible	•	•	•
Sealed Contactor with Lugs	•	•	•
MHT™ Technology	•	•	•
Omniguard® Total Corrosion Protection Technology	•	•	•
Integrated Compressor Protection	•	•	•
True Variable-Speed Compressor	•	•	
Single-Stage Compressor			•
Quiet Shift™ Technology	•	•	•
Compressor Sound Blanket	•	•	•
Cold Climate Technology	•		
Comfort Sync® Enabled	•	•	
Comfort Sync® Zoning	•	•	
Swept-Wing Fan Blade for Noise Reduction	•	•	
Warranty**	10-Year	10-Year	10-Year

MORE EFFICIENCY, MORE SAVINGS

ANNUAL COST:

22 SEER2	\$301
14 SEER2	\$448
10 SEER2	\$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

52%

ON ANNUAL ENERGY
BILLS WITH 22
SEER2 EFFICIENCY***

* 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.

** Warranty applies to residential applications only. For terms, conditions and exclusions, see full warranty at armstrongair.com.

*** 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.

