



AIREASE® HEAT PUMPS

AirEase® heat pumps are purposefully engineered to deliver precise, efficient comfort across a full range of residential applications. With both top-discharge and side-discharge designs, the portfolio supports greater installation flexibility, from traditional layouts to space-constrained or zero lot line homes. Designed as part of a fully matched system, these heat pumps combine advanced engineering, intelligent controls, and durable construction to support consistent performance, long-term reliability, and elevated comfort. **Built for Life. Yours.**



Purposeful Engineering

Intentionally designed components that support reliable system performance, integration, and efficient operation—without unnecessary complexity.



Intelligent Comfort

Engineered to deliver balanced airflow and stable comfort while supporting communicating equipment and advanced controls that help optimize system performance when paired appropriately.



Long-Term Ownership Value

Built with durable materials, Omniguard® Total Corrosion Protection Technology, and service-friendly design choices that support reliable performance over the life of the system.



Pro Series Intelligence

AirEase equipment is purposefully engineered to support consistent system performance, long-term durability, and balanced comfort across residential applications. When paired with AirEase matched components, including our MyHomeComfort™ advanced thermostats, the system is designed to perform as intended, season after season.

Top-Discharge Heat Pumps

Models		A7HP14F	A7HP19V	A7CP21V
Features	Description	Standard efficiency, single-stage heat pump	High-efficiency, variable-capacity, Pro Series heat pump	Highest-efficiency, variable-capacity, Pro Series heat pump
Efficiency Rating		Up to 16 SEER2 8.5 HSPF2	Up to 19 SEER2 and 8.5 HSPF2	Up to 21 SEER2 10 HSPF2
Compressor	Delivers consistent, efficient comfort homeowners can rely on while helping dealers reduce callbacks and install with confidence.	Single-Stage	Variable Capacity	Variable Capacity
Warranty - Limited on Compressor and Parts*	Backed by a 10-Year Limited Warranty on parts and extended warranty options for your peace of mind.	✓	✓	✓
Dual-Fuel Compatible	Dual fuel systems combine a gas furnace and electric heat pump, switching energy sources based on outdoor temperatures for efficient, reliable comfort.	✓	✓	✓
ENERGY STAR®	ENERGY STAR® certified, with select models earning Most Efficient and Cold Climate recognition for high-efficiency performance and reduced energy use.	Certified	Certified	Cold Climate
High- and Low-Pressure Protection	Protects the system by automatically shutting down under abnormal pressure conditions, helping dealers reduce risk of compressor damage while giving homeowners added peace of mind.	✓	✓	✓
All Climate / Low Ambient Performance	Variable-speed compressor and intelligent controls deliver reliable heating and cooling from -22°F to 115°F, enabling confident installs and consistent year-round comfort.			Yes
Advanced Control Board with Fault Code LEDs	Speeds troubleshooting for dealers and delivers dependable, connected performance for homeowners when paired with the Comfort Sync® A3 thermostat.	✓	✓	✓
Omniguard Coil Technology	Our outdoor units feature Omniguard Total Corrosion Protection Technology, which offers improved corrosion protection compared to traditional coils and helps preserve the system's life for years to come.	✓	✓	✓
Clean Swept Defrost™ Technology	This patented feature starts the defrost cycle at the bottom of the coil to ensure all ice and frost buildup is removed effectively and helps prevent ice dams at the bottom of the unit.	✓	✓	✓
Sleeved Distributor Tubes	Protects against abrasion and potential leaks, helping dealers avoid premature service issues while delivering long-term reliability for homeowners.	✓	✓	✓
Louvered Coil Protection	Fully removable steel louvered panels protect the coil from damage while giving technicians quick, unobstructed access for cleaning and service.	✓	✓	✓
MHT™ Technology	Combines advanced design features to help transfer heat in and out of your home more efficiently, while ensuring consistent comfort.	✓	✓	✓
Quiet Shift™ Technology	Engineered with noise-reducing components and Quiet Shift™ Technology for smoother defrost cycles and reduced operating noise.	✓	✓	✓
Communicating	Pair with a Pro Series™ variable-capacity AC or heat pump and MyHomeComfort™ CA4 Thermostat for optimized performance. Pro Series Systems deliver higher efficiency, advanced technology, and precise control to create the ideal home environment.		✓	✓

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

Side-Discharge Heat Pumps

Models		A7SCP18V
Features	Description	High-efficiency, variable-capacity, all climate, side discharge heat pump
Efficiency Rating		Up to 19.0 SEER2 10 HSPF2
Compressor	Delivers consistent, efficient comfort homeowners can rely on while helping dealers reduce callbacks and install with confidence.	Variable Capacity
Warranty - Limited on Compressor and Parts*	Backed by a 10-Year Limited Warranty on parts and extended warranty options for your peace of mind.	✓
Dual-Fuel Compatible	The combination of a gas furnace and an electric heat pump pairs two energy sources and alternates between them based on outdoor conditions, creating the perfect balance of energy efficiency and comfort.	✓
ENERGY STAR®	Selected models are ENERGY STAR certified, with certain units earning 2025 Most Efficient and Cold Climate recognition for delivering verified high-efficiency performance that helps reduce energy consumption.	Cold Climate
High- and Low-Pressure Protection	Protects the system by automatically shutting down under abnormal pressure conditions, helping dealers reduce risk of compressor damage while giving homeowners added peace of mind.	✓
All Climate / Low Ambient Performance	A variable-speed compressor and intelligent controls allow these heat pumps to maintain reliable heating and cooling performance across an operating range of -22°F to 115°F, so dealers can confidently install them anywhere, and homeowners get consistent comfort no matter the season.	Yes
Advanced Control Board with Fault Code LEDs	Speeds troubleshooting for dealers and delivers dependable, connected performance.	✓
Unit Replacement Program	Enrolled dealers can replace a customer's entire unit, not just a failed part, for up to 10-years on qualifying equipment.	✓
Coil Guard Protection	Fully removable coil guard panels protect the coil from damage while giving technicians quick, unobstructed access for cleaning and service.	✓
Quiet Performance	Side-Discharge heat pumps are engineered by design for noise-reducing features with the fan blowing away from the home or structure.	✓

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