

AIREASE®

90% AND 80%

GAS FURNACE

MERCHANDISER

ALLIED AIR ADVANTAGE

BUSINESS BUILDING

We work collaboratively to develop growth plans that work for your company and customers.

OPERATIONAL EXCELLENCE

We deliver industry-leading quality and a commitment to being the easiest to do business with.

TARGETED BRANDS & PRODUCTS

We offer a complete portfolio of residential and commercial HVAC products designed to last.

Creating a Climate for Shared Success

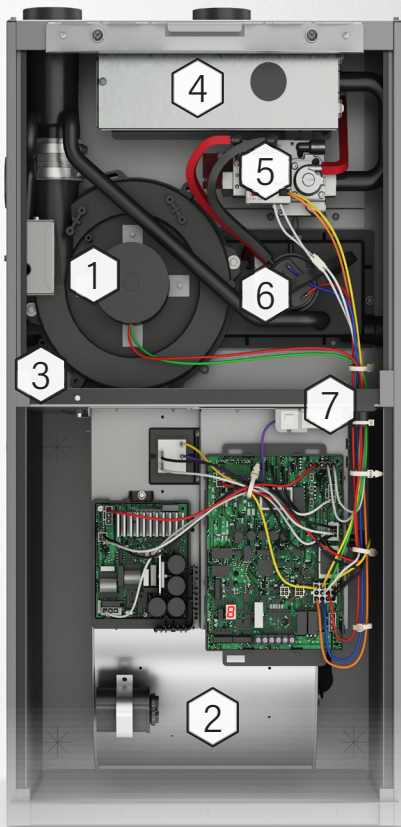
BUILT SMARTER TO LAST LONGER

Ease of Installation

To help make every installation faster and more convenient, AirEase has designed several helpful additions into our heating products. So, you'll spend less time on installation sites, and get the job done right every time.

Precision Service™ Technology

When it's time for routine maintenance or service, the thoughtful design and precise part location of each component mean you can get in and out quickly. That's something you—and your customers—will appreciate.

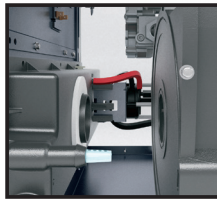


A972VK model shown

1

PILOTED FITS AND TAPERED LEADS

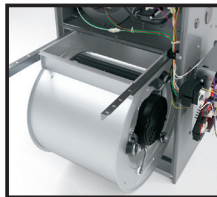
Designed into key components, design features like built-in support channels and self-aligning guides help speed part reassembly and installation.



2

BLOWER MOTOR REMOVAL

Dynamically balanced wheel slides out of the blower house by removal of two screws.



3

BLOWER MOTOR ALIGNMENT

Tapered channel rails make reassembly easy.



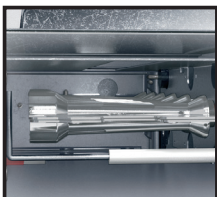
4

INTEGRATED BURNER DESIGN

Provides smaller temperature differential between burners reducing condensate build-up and noise levels

- Quick and reliable soft ignition
- One-piece construction eliminates chance of flame impingement

Maintenance is conducted as-needed instead of annually



5

FORWARD-FACING FASTENERS

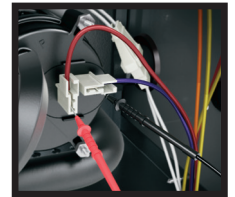
Used on all commonly serviced parts, including the igniter and flame sensor, they allow you to easily access each component.



6

OPTIMIZED COMPONENT PLACEMENT

Easy access to each component during service means you can troubleshoot, diagnose and repair faster than ever. Open-backed F-Crimp wire connections provide superior access for meter probes, and pressure switches are clip-mounted rather than screwed in.



7

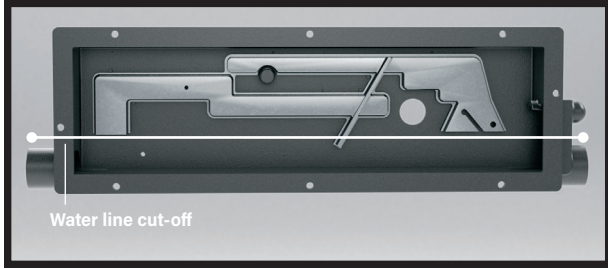
WIRE MANAGEMENT

A notched blower deck opening and keyholed control panel keep wires out of your way, allowing for continuous routing.



AirEase® furnaces are engineered for easier installation, in any application

Every furnace features multiple collector box channels, convertible-ready gas and electrical connections and remote traps, so you'll save installation time and money on every job. In addition, every ENERGY STAR® certified AirEase furnace is 100% compliant with ENERGY STAR home installations.



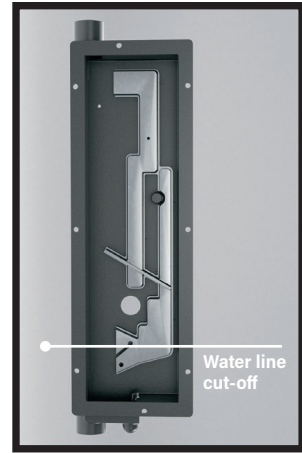
UPFLOW

COLLECTOR BOX

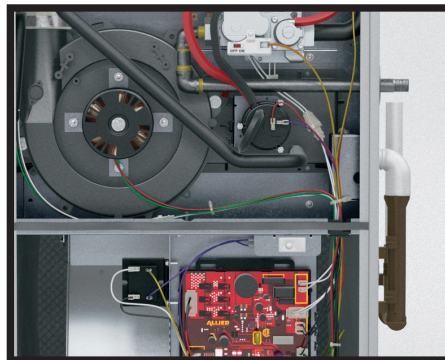
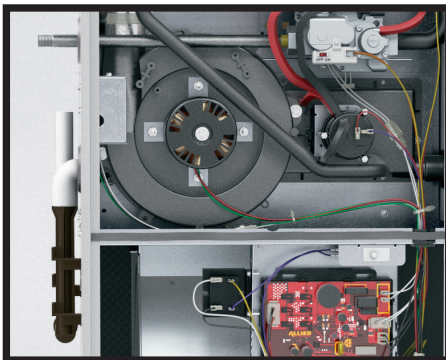
Patented internal posting design manages condensate levels and ports air to the pressure switches. This allows the unit to drain in upflow, left, and right applications without internal modifications. A dedicated downflow unit is also available.



HORIZONTAL/LEFT



HORIZONTAL/RIGHT

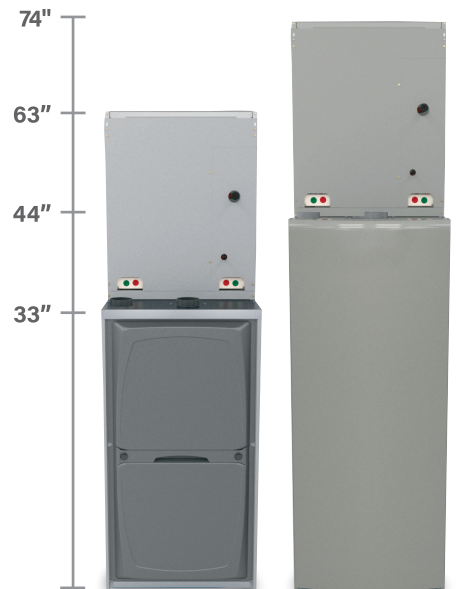


CONVERTIBLE READY

Condensate drain hoses and pressure switch tubing are factory-plumbed for universal application, meaning no changes are required for upflow or horizontal left or right applications. Electrical and gas connections can be converted from left to right.

REMOTE TRAP

External condensate drain connection allows the trap to be remotely located up to five feet from the furnace without internal changes.



DUCT CONNECTION

Connections are pre-formed and pre-drilled flanges for superior duct connection and sealing. There is also plenty of clearance room for coil drain pipes and refrigerant piping.

INSTALLATION OPTIONS

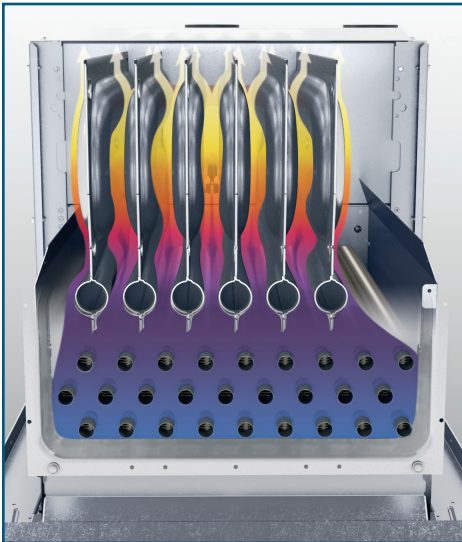
At only 33" tall, AirEase Furnaces can be installed in limited-space situations.

DIFFERENT CONFIGURATIONS FOR DIFFERENT HOMES

To help you better meet the needs of every homeowner, select models are available in two configurations: standard output for larger homes, and lower output for smaller homes, townhomes and multi-family dwellings.

A complete lineup of thoughtfully designed furnaces featuring EHX™ Technology

Every AirEase® furnace is engineered and built with EHX™ Technology, a patented design that makes heat exchangers more durable. This unique, advanced airflow system allows more air to contact the heat exchanger, providing greater heat transfer and efficiency. EHX Technology eliminates hot spots that can shorten furnace life.

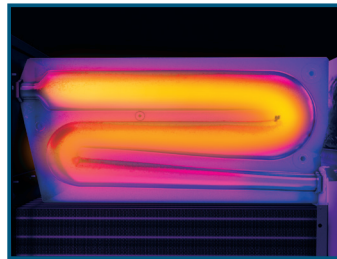


EXTRA BURNERS

A greater heat exchange surface area lowers the firing rate, reduces thermal fatigue and operates more quietly.

AIR BAFFLES AND CHANNELING

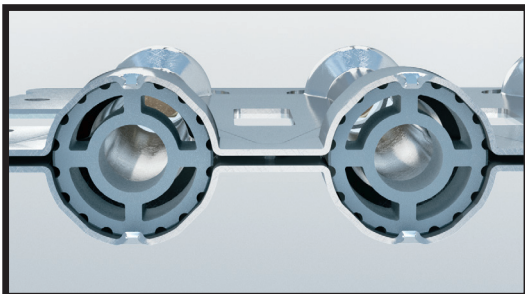
Unique design provides optimal air flow across the heat exchanger, resulting in maximized heat transfer.



WELD-FREE DESIGN

Eliminates "hot spots" in the heat exchanger, ensuring evenly distributed air and a consistent heat temperature profile.

Quiet Combustion™ Technology from AirEase utilizes a smaller Btu input per burner—7,500-11,000 instead of the traditional 20,000-25,000—for a quieter start-up and operation without sacrificing heat output. By combining this lower firing rate with more burners, AirEase furnaces deliver consistently quiet operation and greater durability.



TALLER CARRYOVER GAP

Less susceptible to blockage from combustion by-products and air particulates.

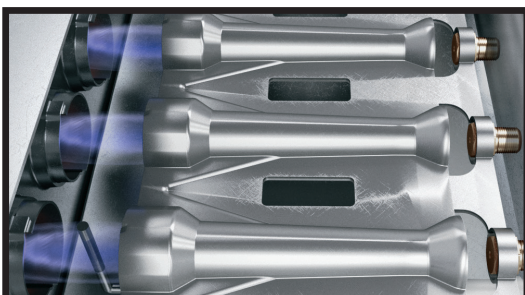
TIGHTER SPACES BETWEEN BURNERS

Enable quick, reliable cross-lighting while reducing oxidation buildup and condensate.



SEALED BURNER BOX (VARIABLE-SPEED MODELS ONLY)

Dampens noise from the controlled combustion area.



INTEGRATED BURNER DESIGN

One-piece construction eliminates chances of flame impingement, resulting in more durable performance over time.

METERED IGNITION SEQUENCE

Precisely engineered to create the quietest start possible, AirEase furnaces follow a smooth ignition sequence that delivers performance with a minimum amount of noise.

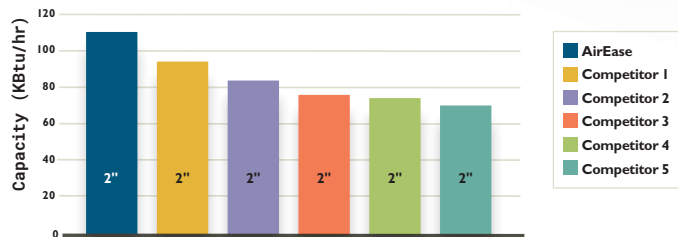
Greater venting flexibility—flexible enough to vent the intake and exhaust to two different pressure zones, avoiding time-consuming and costly demolition when a home doesn't offer a simple venting option.

1 2" PIPE ADVANTAGE
 Use 2" vent pipe on capacities up to and including 110K Btu.
 2" vent pipes can pass through 8" floor joists without violating building codes.
 2" vent pipes allow runs of up to 4-feet longer inside a finished ceiling while still maintaining the proper ¼" slope per foot.

2 MULTIPLE MATERIAL OPTIONS
 Compatible with just about any vent pipe material, including PVC, CPVC, ABS, foam-core, and even polypropylene.

3 STANDARD ELBOWS
 Designed for standard 90-degree elbows. Unlike other manufacturers' furnaces, AirEase furnaces don't require sweep elbows. Using a smaller radius will allow for smaller holes and an easy fit in tight spaces.

More sizes for 2"-diameter vent are allowed!



UPFLOW OR DOWNFLOW

Exhaust through a crawlspace. You can pipe downward through the floor to save both time and money.



DIRECT VENT INSTALLATION

Intake from a ventilated attic or crawlspace. Remove the hassle of cutting an additional hole in the roof, sealing and flashing, and avoid timely and expensive repair work and repainting.





AirEase® HVAC System

AirEase® HVAC systems focus on what matters to your customers so they can enjoy consistent comfort, effortless control, and efficient operation for years to come.

EFFORTLESS INSTALLATION



Smart design streamlines setup and reduces installation time, allowing you to move on to the next job faster.

EASY SERVICEABILITY



Accessible components enable quick troubleshooting and repairs, keeping your customers satisfied.

PROVEN RELIABILITY



Dependable performance and energy efficiency mean year-round comfort for homeowners and a strong reputation for you.

BUILT FOR BUSINESS. YOURS.

AirEase HVAC systems are engineered for reliability, efficiency, and performance—making them easier to sell, install, and support. With smart design and consistent comfort, our products help you deliver lasting value and earn customer trust.

Designed with your business in mind, our HVAC systems streamline installation and service, allowing you to work more efficiently. Thoughtful components reduce setup time, simplify maintenance, and minimize callbacks—helping you complete more jobs with confidence.

AIREASE®

Due to our policy of continuous improvement, specifications are subject to change without notice.

Printed in U.S.A.

©2025 Allied Air Enterprises LLC,
a Lennox International Inc. company

Form No. AEGFM-400 (05/25) PC84329



Not approved for use in mobile home applications

The A98MV, A972V, A972E, and A961E furnace are ENERGY STAR® certified

