



HIGH EFFICIENCY FURNACES

Built Exclusively for Manufactured Housing



Exclusively Made For Your Manufactured Home.

Today, the manufactured home is a sophisticated, affordable home that is a smart choice for many buyers. Equally smart is knowing that your manufactured home product is just that — a manufactured home product. Specifically designed for your manufactured home, Intertherm electric furnaces, air handlers, gas furnaces, and oil furnaces offer high efficiency and system dependability.

The more you learn about our manufacturing process, the more you'll see that no other heating and cooling manufacturer compares to Intertherm's product quality — quality made possible through Demand Flow Technology (DFT). While other companies test products at random, we use 100% computer-automated testing on every Intertherm product to eliminate human error. We are the only heating and cooling manufacturer to be DFT certified.



You can rely on your Intertherm comfort expert to make your home more cozy with digital thermostats and other manufactured home accessories. It's a comfort to know that Intertherm is made for your manufactured home, and it's a comfort you can feel.



What is AFUE?

Annual Fuel Utilization Efficiency is the term used to rate the efficiency levels of a Gas or Oil furnace. The higher the AFUE rating, the more energy efficient your system is and the lower your energy costs will be. It measures the amount of heat actually delivered to your house compared to the amount of fuel that you supply to the furnace. Thus, a furnace that has an 95% AFUE rating converts 95% of the fuel that you supply to heat - the other 5% is lost out of the chimney. Compare this to an older furnace that may only deliver 60% efficiency.

If installed in SCAQMD only: The furnaces in this literature do not meet the SCAQMD Rule 1111 14 ng/J NOx emission limit (14 ng/J), and thus are subject to a mitigation fee of up to \$450.

These furnaces are not eligible for the Clean Air Furnace Rebate Program: www.CleanAirFurnaceRebate.com.

95.1% AFUE Extra High-Efficiency M7 Gas Furnaces

The Intertherm M7RL and M7TL 95.1% AFUE gas furnaces are outstanding choices for extra high-efficiency performance.

- Models with coil cabinet for shorter cooling coils.
- Models without coil cabinet integrated for cooling applications that need separate taller cooling coils.
- Extremely efficient for lower gas bills. May qualify for local rebates and incentives.
- Dependable, silicon nitride hot surface igniter is controlled by proven SmartLite® technology for longer igniter life.
- Intertherm uses only stainless steel secondary heat exchangers for long life.
- May be vertically or horizontally vented using a two-pipe system for maximum flexibility in installation.
- Can use old chimney as chase for new vent piping.
- Fully insulated cabinet minimizes heat loss and provides quiet operation.
- Diagnostic lights provide easy troubleshooting.

Additional features on M7TL 95.1% AFUE Intertherm two-stage, variable-speed gas furnace models:

- Two-stage gas valve – provides low heat operation during mild outdoor temperatures.
- Variable-speed blower provides wide range of cooling and heating airflows.
- Optimal staging on ignition board allows operation with a single-stage thermostat.

THE ONLY 95.1% AFUE FURNACE THAT FITS A STANDARD 20" MANUFACTURED HOUSING FOOTPRINT

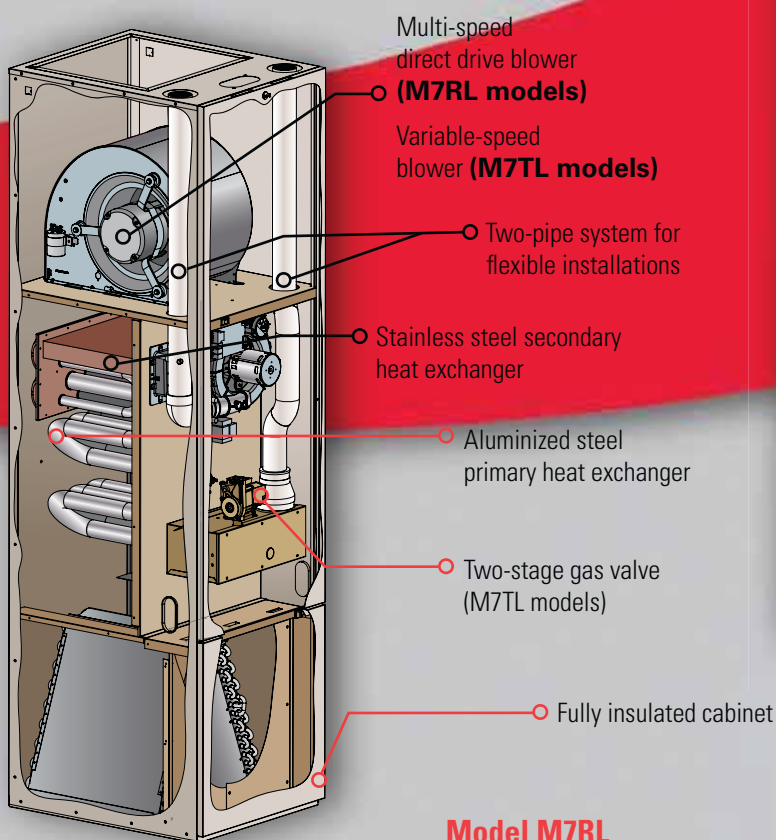
**Model M7
Front Return**

**Model M7
Top Return**



**Model M7
Front Return
without coil**

**Model M7 Top
Return without coil**



Model M7RL

95.1% and 80% AFUE High-Efficiency CMF Gas & Oil Furnaces

The Intertherm CMF95 95.1% AFUE furnaces use proven components to ensure high quality and dependability.

- 95.1% AFUE furnace in a classic 18-inch width for tight replacement jobs.
- Dependable, silicon nitride hot surface igniter is controlled by proven SmartLite® technology for longer igniter life.
- High static blowers.
- Heavy gauge aluminized steel heat exchanger and stainless steel secondary heat exchanger assure a long life.
- Diagnostic lights for easy troubleshooting.
- Optional - Vent termination accessory kit allows installation in a home that had an 80% AFUE furnace using a metal roof jack.

The Intertherm CMF2 80% AFUE furnace is available for oil fuel source.

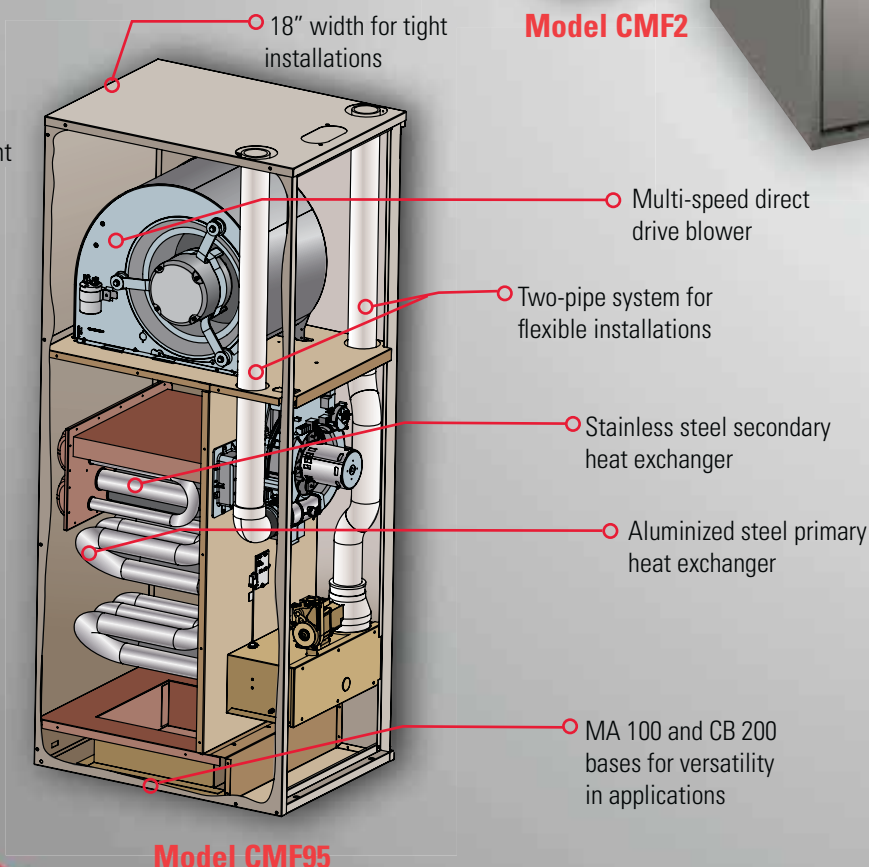
- Beckett gas burners are standard.
- Designed for most manufactured housing applications, and space heating, garages, and hunting cabins. Ideal for tight replacement applications.
- Multi-speed blower and multi-fired burner for efficiency and long-life.
- Titanium treated aluminized steel process technology provides strength and durability to the heat exchanger for long life.
- Appliance finish protects against rust and other corrosion.
- All units and each component are tested on the manufacturing line to ensure quality and safety.



Model CMF2



Model CMF95

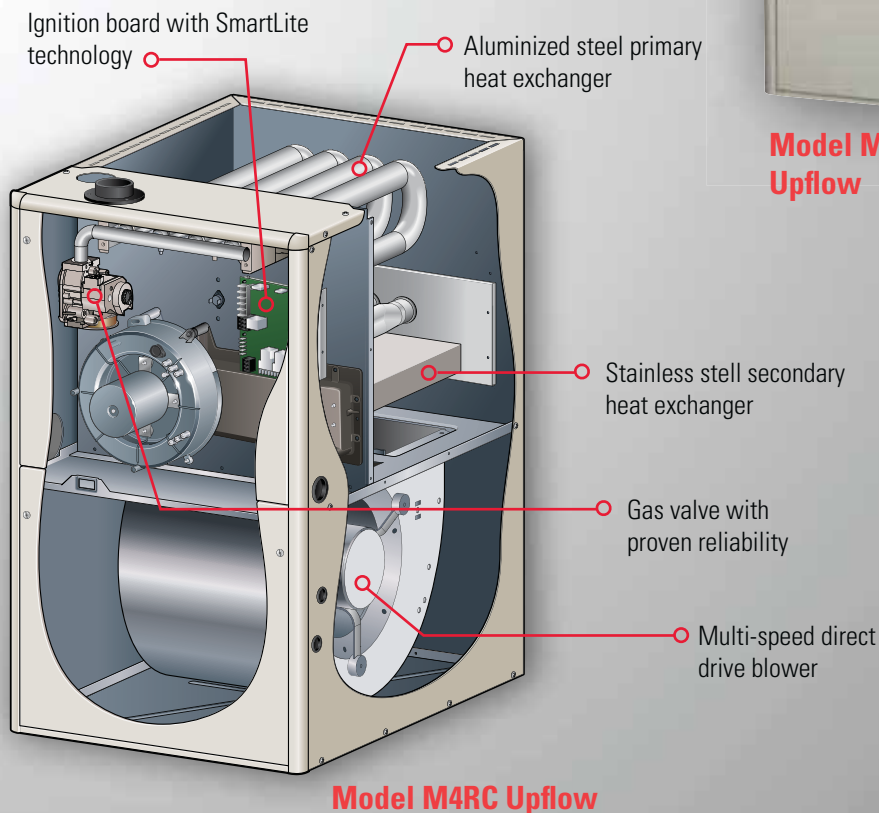


92.1% AFUE Extra High-Efficiency M4 Gas Furnaces

Proven components to ensure high quality and dependability.

- Our dependable, shock-mounted hot surface ignitor has a 20 year history of reliability. It's controlled by proven SmartLite® technology to increase ignitor life by 25%.
- Heavy-gauge aluminized steel heat exchanger and stainless steel secondary heat exchanger ensures long life and efficiency.
- Available in both upflow and downflow models, which can be installed in a utility room or enclosed closet.
- The built in time-delay relay increases cooling performance when matched with an Intertherm cooling system.
- All units and each component are tested on the manufacturing line to ensure quality, performance and safety.

**LOOK TO INTERTHERM FOR
HIGH QUALITY, DEPENDABLE AND SAFE FURNACES**



80-83% AFUE High-Efficiency M1 Gas & M5 Oil Furnaces

Intertherm M1 and M5 furnaces are built to standard dimensions for manufactured housing.

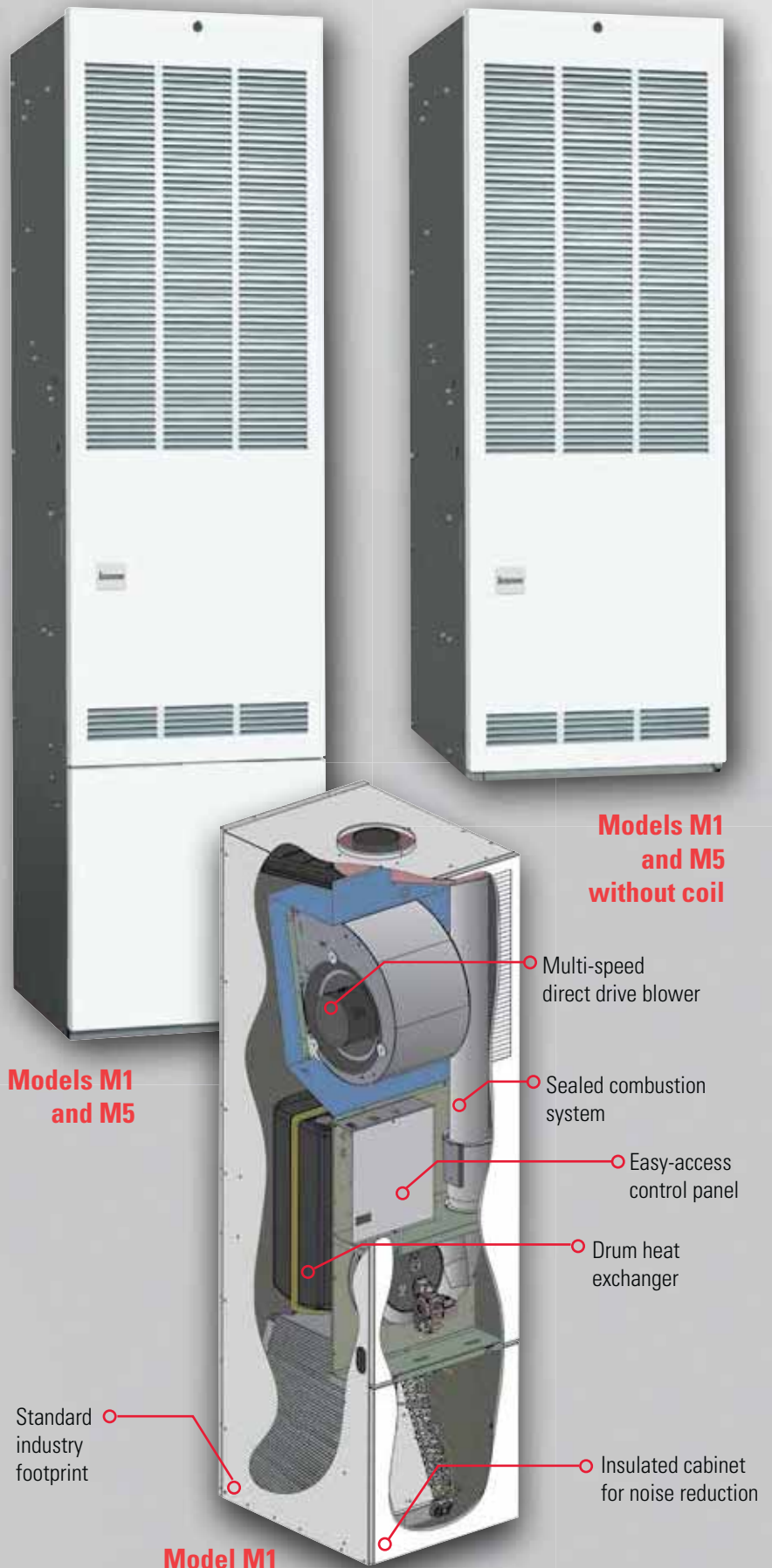
- Models with coil cabinet for shorter cooling coils.
- Models without coil cabinet integrated for cooling applications that need separate taller cooling coils.
- Proven components ensure high quality and dependability.
- Insulated cabinet ensures minimized heat loss and quiet operation.
- All models are A/C ready with built-in blower delays. No relays needed.
- Appliance finish protects against rust and other corrosion.
- All units and each component are tested on the manufacturing line to ensure quality.

Additional features on 80% AFUE Intertherm M1 Gas Gun, Hot Surface Ignition furnace models:

- Designed for all sizes of manufactured and modular homes, and can be installed in a utility room, enclosed closet or alcove.
- Heavy-gauge aluminized steel heat exchanger ensures long life and efficiency.

Additional features on 83% AFUE Intertherm M5 Oil Gun furnace models:

- Sealed combustion system vents exhaust gas directly outdoors and draws in 100% outside air for the burner.
- Easy open pawl latch secures the door firmly for transit, yet allows easy removal for access.
- Room air is cleaner with the large, effective permanent washable air filter.
- High efficiency drum heat exchanger delivers optimum heat transfer with low air resistance.
- Reliable Beckett burner with uniform flame pattern extends life of heat exchanger.



Electric Furnaces & Air Handlers

E4 and E5 Electric Furnaces

- Accessory heater kits are UL compliant.
- Capable of staged heating.
- Integrated cooling blower delay.
- Proven components ensure high quality, dependability and safety.
- Designed for all sizes of manufactured housing applications – fits easily in an enclosed closet or alcove.
- Multi-speed blowers increase air movement to circulate heat in a large, multi-section home.
- Appliance finish protects against rust and other corrosion.
- Multiple configurations for upflow and downflow applications.
- AC ready to 4 tons. 5 tons with ECM blower kit.
- Many accessories to enhance and accommodate most installations.



Model E4

Additional features on E5 Electric Furnaces

- Dedicated upflow and downflow electric furnaces with integrated coil cabinet for taller, high efficient cooling coils.

ALL UNITS AND EACH COMPONENT ARE TESTED ON THE MANUFACTURING LINE TO ENSURE QUALITY



**Model E5ED
Downflow**



**Model E5EU
Upflow**

Intertherm Warranty

Intertherm heating and cooling products for manufactured housing carry a one-year warranty on parts and a 5-year compressor warranty.

- 1-Year Limited Parts
- 5-Year Limited Compressor

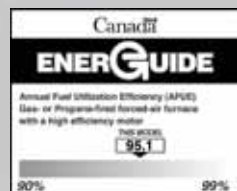
Extend your standard 1-year limited parts to 10-year limited parts by registering at aftermarket.nortekhvaccwarranty.com.

In addition to the 1-year warranty, Intertherm gas/electric packaged systems and M1, M4, M5 furnaces offer a 10-year limited warranty on heat exchangers. M7 and CMF furnaces offer a 20-year limited warranty on heat exchangers. Replacement M7 furnaces provide a 5-year limited parts warranty when registered at aftermarket.nortekhvaccwarranty.com.

Contact your Intertherm contractor for specific warranty details.



www.intertherm.net



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744D-0918

For information call or write your select Intertherm heating and cooling contractor.