



PRODUCT CATALOG



Financing Available**

MASTER
FINANCING™

**At participating dealers. See dealer
or WoodMaster.com for details.

26%* Tax Credit
on qualified models & installation

Outdoor Wood Furnaces • Outdoor Wood Pellet & Corn Furnaces • Parts & Accessories



Ignite the revolution.

CleanFire checks every box of what an outdoor furnace should be.

Ultra high efficiency. Clean burning. Easy to operate. Easy to maintain. Built to last a lifetime.

If you thought that the cleaner and more efficient outdoor furnaces are, the harder they are to operate, it's time to think again. CleanFire outdoor furnaces are not only EPA Step 2 Certified**, they are specifically engineered and designed to be easier to operate than ever before.

Enjoy the benefits of cleaner burning and high efficiency, and use up to 60%+ less wood compared to other methods of wood heating. Take a minute to look at CleanFire and see all of the features and benefits in this revolutionary new outdoor wood furnace.

FREE 25-YEAR LIMITED WARRANTY

A **free 25-year limited warranty** is available if your CleanFire is registered at the time of purchase.



**Currently, CleanFire 300, 500 and 700 models are EPA 2020 Step 2 Certified. At the time of printing, the CleanFire 900 was pending U.S. EPA Certification for residential use. Please check with your WoodMaster dealer on the current status.

Four color combinations to complement your landscape



Copper and Bronze



Green and Bronze



Charcoal and Bronze



Taupe and Bronze

Color selections are close representations but are limited due to print variations.



CleanFire 300

TITANIUM STAINLESS STEEL FIREBOX

Overall Efficiency (LHV) - 88.4%*

Overall Efficiency (HHV) - 82.2%*

Mfr's Rated Heat Output Capacity -

150,000 Btu/hr

Firebox Volume - 10 cubic ft

Firebox Dimensions - 28"L x 29"H x 21"W

Door - 16"W x 16"H

Ash Cleanout Door - 18"W x 9"H

Water Capacity - 150 gal.

Weight - 1,365 lbs

One set of 1-1/4" Supply and Return Ports

Can be configured for two pumps.

Furnace Options and Accessories:

- Pump Panel Extension Kit



CleanFire 500

TITANIUM STAINLESS STEEL FIREBOX

Overall Efficiency (LHV) - 90.2%*

Overall Efficiency (HHV) - 83.8%*

Mfr's Rated Heat Output Capacity -

200,000 Btu/hr

Firebox Volume - 14 cubic ft

Firebox Dimensions - 33"L x 32"H x 23"W

Door - 18"W x 18"H

Ash Cleanout Door - 18"W x 9"H

Water Capacity - 205 gal.

Weight - 1,668 lbs

One set of 1-1/4" Supply and Return Ports

Can be configured for two pumps.

Bypass Door and Alarm

Furnace Options and Accessories:

- Pump Panel Extension Kit



CleanFire 700

TITANIUM STAINLESS STEEL FIREBOX

Overall Efficiency (LHV) - 89.8%*

Overall Efficiency (HHV) - 83.4%*

Mfr's Rated Heat Output Capacity -

245,000 Btu/hr

Firebox Volume - 23 cubic ft

Firebox Dimensions - 37"L x 44"H x 26"W

Door - 21"W x 25"H

Ash Cleanout Door - 19"W x 11"H

Water Capacity - 330 gal.

Weight - 2,036 lbs

One set of 1-1/4" Supply and Return Ports

Two sets of 3/4" Supply and Return Ports

Bypass Door and Alarm



CleanFire 900**

TITANIUM STAINLESS STEEL FIREBOX

Overall Efficiency (LHV) - 92.1%*

Overall Efficiency (HHV) - 85.6%*

Mfr's Rated Heat Output Capacity -

400,000 Btu/hr

Firebox Volume - 32 cubic ft

Firebox Dimensions - 42.75"L x 43.5"H x 31.5"W

Door - 22.75"W x 28.75"H

Ash Cleanout Door - 20"W x 11"H

Water Capacity - 420 gal.

Weight - 2,714 lbs

One set of 1-1/4" Supply and Return Ports

Two sets of 3/4" Supply and Return Ports

Bypass Door and Alarm

*Based on EPA qualifying test.

CleanFire Outdoor Wood Furnaces



See live demo
at MyFireStar.com/demo

CONVENIENCE

Heating with wood can't be easier than this. The FireStar® combustion controller constantly monitors how the wood is burning and adds air where and when it's needed for the cleanest, most efficient combustion. You can even see how it's operating in real time on your smartphone or set up notifications so you'll know when it's time to add wood.

More features you'll only find with FireStar:

Coal Bed Saver - Saves the coal bed for quick, easy restarts

Burning Time Monitor - Helps to estimate when you need to add wood

Clean Reload - Reduces smoke when you open the firebox door to add wood

Text Alerts - Be notified when it's time to add wood



PRECISE AIR = PRECISE BURN

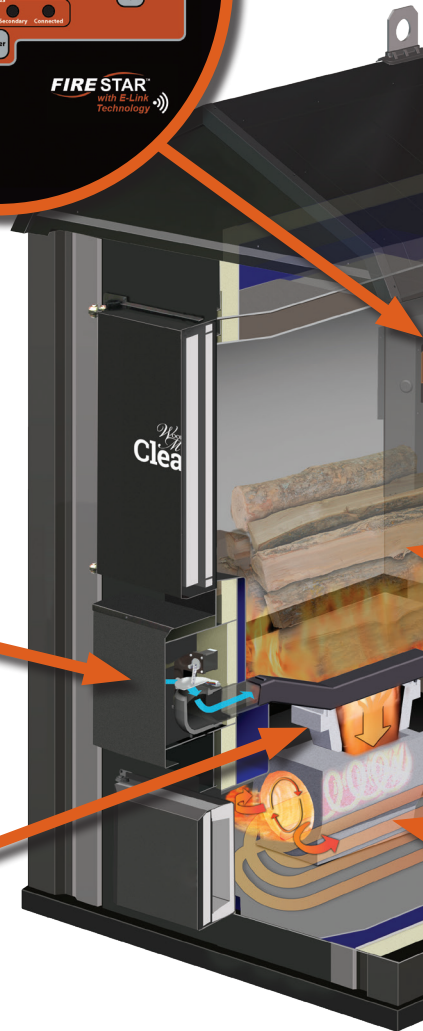
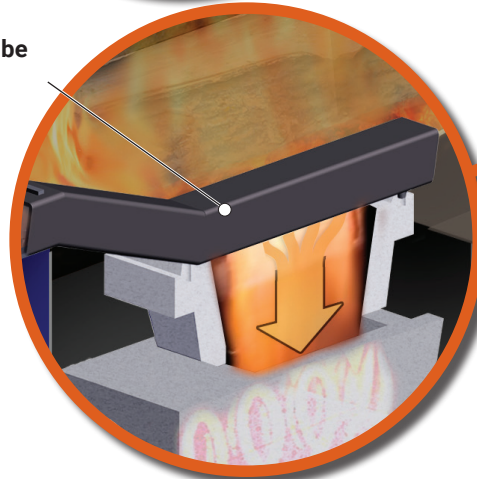
The proper amount of air at just the right time is imperative for the cleanest, most efficient burn. When the fire needs a lot of air (such as during startup or when burning higher moisture wood), FireStar delivers the precise amount of air needed. When less air is needed...FireStar delivers again.



Patented Air Charge Tube

MULTIPURPOSE DESIGN

The CleanFire's patented Air Charge Tube is an example of an innovative features with multiple purposes. It keeps coals from falling into the Reaction Chamber and it also directs oxygen into the Fusion Combustor. There, the oxygen mixes with the combustion gases and is focused down into the Afterburner. The Air Charge Tube also helps the furnace to relight faster.



FINGERTIP ACCESS

The patented vertical Easy View® Heat Exchanger with hinged door provides full access without the use of tools. Simply open the door for a quick inspection and easily clean from outside the firebox while keeping your feet planted firmly on the ground.

Patented
Easy View®
Vertical Heat
Exchanger

Hinged Door - no
tools required

Fully accessible
front and rear ash
cleaning area

TOP PERFORMANCE

Super-heated gases enter the round chamber of the Afterburner and swirl in a turbulent vortex, creating a **Fireball**. This unique effect allows more time for complete combustion to occur.

Afterburner

OVERALL TOP VALUE

Use up to 60+ percent less wood compared to other methods of wood heating and deliver more heat to your home. CleanFire furnaces are engineered to minimize heat loss, from the construction of the firebox door, panels and pump access area to the airtight, waterproof sprayed-on urethane foam insulation. The larger firebox allows for longer burn times, saving you even more time.

MAXIMUM USE OF HEAT

Removable turbulators in the heat exchanger cause turbulence of the exhaust gas flow through the exchanger. This forces the heated exhaust to "bounce around" and better contact the heat exchanger. This action transfers more of the heat energy into the surrounding water jacket before exiting out the chimney.

Turbulators cause air turbulence and better contact with the heat exchanger walls

LONG LIFE

The CleanFire's titanium-enhanced stainless steel firebox is impervious to corrosion from high-moisture wood, creosote or condensation.

The stainless steel Primary Air Delivery Tubes are visible and easily serviced without tools



4400 DIMENSIONS

5'2" x 5'9" x 8'1"

4400

Fire Box	38" x 44"
Door Size	24" x 24"
Thickness	1/4" fire drum & water jacket
Draft Control	Fan
Heating Area*	5,000 sq ft
Water Capacity	117 gallons
Weight	1,809 lbs
Ports	Two sets of 1" Supply and Return Ports
Warranty	Limited Lifetime Warranty

*Heating area may vary depending on construction, insulation and climate.

Traditional Outdoor Wood Furnaces

Heat your application for far less money than fuel oil, propane, natural gas and even off-peak electric rates. Owners who have scrap wood sources or cut their own basically eliminate their "fuel" costs. Energy savings allow all owners to dramatically lower their heat costs.

WoodMaster's four traditional wood furnace models generate economical, natural, safe heat and are:

- Compatible with most existing and new heat systems, including hot water, forced air, hydronic heat, radiant baseboard, existing water-to-water and in-floor
- Built to heat entire buildings, garages, workshops, and other spaces, plus hot water systems

In the U.S., traditional furnaces are for non-residential applications only.

FEATURES

SAFE

No fuels enter the building which limits smoke, soot, fire hazards and the risk of dangerous carbon monoxide buildup

EFFICIENT

Designed to deliver maximum Btu for more usable heat with less wood cutting and furnace-filling time

WOODMASTER EXCLUSIVES:

Round chamber design provides optimum internal air movement and water circulation for even heat transfer and more efficient burn. This design also offers:

- Forty percent fewer seams than a square box, for less chance of cracking or leaking and minimal pitting
- No dead spots, so creosote doesn't build up

Digital Electronic Temperature Control (ETC) is one center for operating temperature settings, blower, reset, water level indicator and nightlight in an easy-to-read display.

Four color combinations to complement your landscape



Brown



Green



Charcoal



Black

Color selections are close representations but are limited due to print variations.

3300

The WoodMaster 3300 wood furnace, plumbed with a single heating loop, is an economical choice when there is no need for multiple hook-ups. The 3300 furnace comfortably heats an average sized building and its hot water.



3300 DIMENSIONS

5'2" x 4'9" x 7'10"

3300

Fire Box	34" x 32"
Door Size	20" x 21"
Thickness	1/4" fire drum & water jacket
Draft Control	Fan
Heating Area*	2,000 sq ft
Water Capacity	105 gallons
Weight	1,421 lbs
Ports	One set of 1" Supply and Return Ports
Warranty	Limited Lifetime Warranty

5500

The WoodMaster 5500 super duty wood furnace is double-plumbed and ideal for farms or businesses, providing heat for a barn and a large shop or a midsize commercial building. Increased fuel capacity for higher heat output, plus a larger door (more than two feet by two feet) for easier loading makes this an efficient choice for agricultural or business applications.



5500 DIMENSIONS

6' x 6'10" x 8'6"

5500

Fire Box	50" x 56"
Door Size	27" x 27"
Thickness	1/4" fire drum & water jacket
Draft Control	Fan
Heating Area*	10,000 sq ft
Water Capacity	194 gallons
Weight	2,835 lbs
Ports	Two sets of 1" Supply and Return Ports
Warranty	Limited Lifetime Warranty

6500

The WoodMaster 6500 super duty wood furnace is plumbed with four heating loops and has double doors for large loads of wood. It's built to heat commercial buildings or multiple buildings. This model will heat up to 20,000 square feet in any combination of office space, workshop, greenhouse, wood kiln or other structures.



WoodMaster 6500
available in black only.

6500 DIMENSIONS

7'4" x 8'10" x 9'3"

6500

Fire Box	60" x 58"
Door Size	44" x 31"
Thickness	1/4" fire drum & water jacket
Draft Control	Fan
Heating Area*	20,000 sq ft
Water Capacity	487 gallons
Weight	3,742 lbs
Ports	Four sets of 1" Supply and Return Ports
Warranty	Limited Lifetime Warranty



Maxim M255 PE Outdoor Wood Pellet and Corn Furnace

If you're looking for the best way to heat your entire home with wood pellets, corn or other biomass, look no further than the Maxim M255 PE. Unlike an indoor stove that can be labor-intensive and dirty and won't provide heat evenly throughout your entire house, the Maxim can deliver days or weeks of heat from its safe outdoor location.

FEATURES

EASY TO LOAD WITH LARGE INTEGRATED HOPPER

Large, top-loading door gives easy access to the hopper. Holds up to 12 bags of wood pellets (or 11 bushels of corn) to heat for days (or even weeks) on a single fuel load. Increase fuel capacity even more by adding the optional 48-bushel hopper.

CONVENIENT OPERATION

Based on your personalized needs, the FireStar® II electronic controller automatically controls the water temperature, heat output and air settings. Starting the fire is as easy as pushing a button with the automatic electronic ignition.

USE LESS FUEL

The Maxim's electric ignition saves fuel. When there is no call for heat, the controller stops adding fuel and lets the fire go out. When heat is once again needed, the electric ignition relights the fire.

Spray-on urethane is the ultimate airtight, waterproof insulation that locks the heat in to reduce fuel usage, even at temperatures of -35°F or colder. It provides 2-3 times the effective R-value of conventional fiberglass batt insulation. Fiberglass batt insulation also settles and compresses over time.

DURABILITY AND RELIABILITY

Maxim furnaces are manufactured with attention to detail. From its sealed and permanently lubricated gear drive (no chains or sprockets to worry about) to the aerator in the burn chamber that agitates the fuel and adds oxygen to the center of the fire, every component must meet the highest standards...ours.

EASY INSPECTION AND MAINTENANCE

Pumps and the inner components of the Maxim are all easily accessible. The high efficiency heat exchange system is designed to require less maintenance and is easily accessible with the removable rear exhaust cover.

Maxim 255 PE DIMENSIONS

2'10" x 4'2" x 4'9"

Maxim M255 PE

Door Size	15.5" x 13.5"
Water Capacity	90 gallons
Hopper Capacity	11 bushels (600 lbs.)
Limited Warranty	5 years
Shipping Weight	1,310 lbs.

Included with furnace: Water Test Kit, Cleaning Rod, Flue Brush Kit, Ground Rod Kit, Ash Scoop, Rain Cap and two 4-foot chimney sections

TERRA BROWN / TAUPE (textured finish) shown - also available in GREEN / OLIVE GRAY

Download Furnace Base & Dimensions illustration at WoodMaster.com

Find Your Perfect Fit.

The Best Way to Size Your Furnace – Using Previous Heating History Including Water Heater					
Fuel Type	Fuel Oil	Propane	Natural Gas	Electricity	Wood [†]
Units	gallons	gallons	cubic feet, therms	kilowatts	cords
Units per Month					
Multiplier	x 1.18	x 0.78	x 0.0087/cu.ft x 0.87/therm	x 0.037	x 150
Sizing Value					

If you have New, Well-Insulated Buildings^{††}

New well-insulated buildings with R28 walls, R40 ceilings, insulated basement walls. Normal sizing allows for one picture window and one patio door. Calculation does not allow for extremely large glass or air exchange heat losses. Buildings that are not well insulated are not applicable in this calculation. Use previous heating history to determine sizing.

We recommend you complete a heat loss estimate (e.g., Hydronics Institute - form 1504WH).

Total sq. ft.	
Multiplier	x 0.06
Total Sizing Value	

Total Sizing Value

Compare your **Total Sizing Value** to the **Suggested Sizing Range** for the listed models.

Furnace	Suggested Sizing Range
CleanFire 300, 3300	0-170
CleanFire 500, 4400	0-395
CleanFire 700, 5500	250-710
CleanFire 900, 6500	500-1800

[†]Full cords of medium to high-quality wood.

^{††}Improperly insulated radiant slab heating can dramatically affect sizing requirements and heat load.

Be sure to consult your dealer when sizing. Previous heating efficiencies and heat loss need to be considered when sizing a furnace. This is only a guideline.

This sizing worksheet calculation estimates the existing fossil fuel (heating oil, propane, natural gas) heating equipment performing at 75% efficiency.

Factors that affect your fuel burn rate

Lower Fuel Consumption

- Decreased heat loss**
- Well insulated building(s)
 - Minimal cold air infiltration
 - Warmer temperature
 - Using seasoned wood with moisture content of less than 25%

- Increased heat loss**
- Poorly insulated building(s)
 - Cold air infiltration
 - Colder temperature
 - Using wood with high moisture

Higher Fuel Consumption

Go hydronic heat, go barefoot all year.

An in-floor hydronic heat system delivers even heat from special tubing placed underneath floors in homes and businesses. These systems pump warm water through the tubing to provide consistent warmth on tile, vinyl, wood, stone and other floor coverings.

COMPLEMENTARY COMFORT

The right temperature control system allows a thermostat in every room of the house, so owners may electronically set back the temperature in unoccupied rooms. Zone control temperature controls maintain the temperature in one room, a single level or other designations. This provides maximize efficiency and comfort.

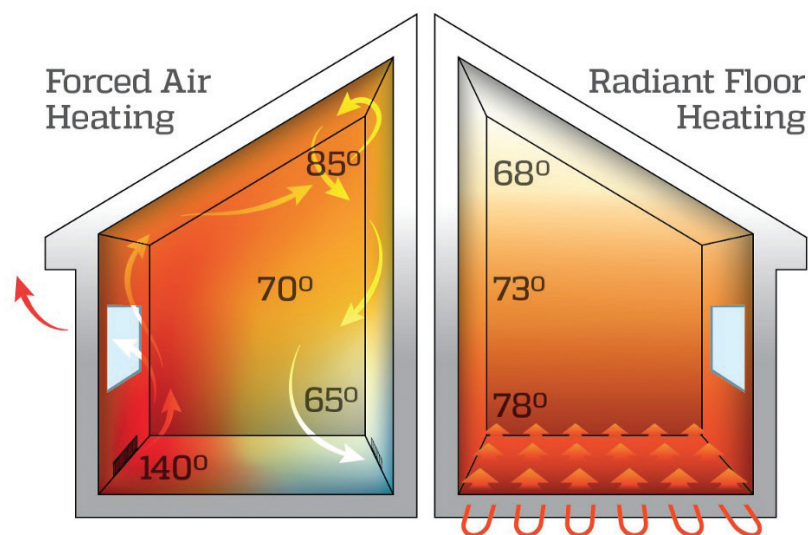
COMFORTABLE, EFFICIENT SAVINGS

The #1 reason consumers choose hydronic in-floor heat is to maintain more comfortable floor surface temperatures. It also can provide lower energy and operating costs with enhanced comfort and control. System projected energy use to heat 2,000 square feet:

Forced air: 99,000 Btu h (29kW)

Infrared: 66,000 Btu h (19 kW)

HeatLink: 33,000 Btu h (10 kW)



HOW IT WORKS

PEX tubing is laid on the sub-floor and covered with a flowable lightweight concrete. It can also be installed in the lower level concrete floor or underneath the joist space, which is called a 'dry' or 'staple-up' installation.

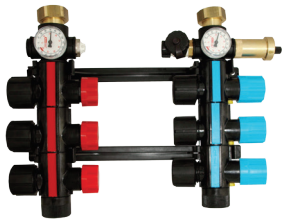


Ask your WoodMaster dealer about installing a hydronic in-floor system.

Parts for all.

WoodMaster dealers carry complete lines of quality, affordable parts and accessories for most furnace brands, including new and existing heating systems, plus parts and accessories for HeatLink in-floor heat and complementary home comfort systems.

Our selection of hundreds of parts and accessories includes:



HEATLINK MANIFOLD

The HeatLink TwistSeal Manifold is a twist-lock, O-ring sealed manifold. It gives installers the option to add or remove individual modules or loops as needed. Supply modules provide on/off manual control to isolate individual loops. Return modules permit flow balancing and control to establish desired rate of flow for each individual loop. StatLink controls allow endless system control options. Optional actuators control individual or multiple loops with single or multiple thermostats. Deluxe Manifold kits include water temp gauges, hose bib for filling systems, silicone lubricant, manual and auto air vents, connection gaskets and mounting brackets. These manifolds are simple to assemble and hook up, and offer a clean, professional look.

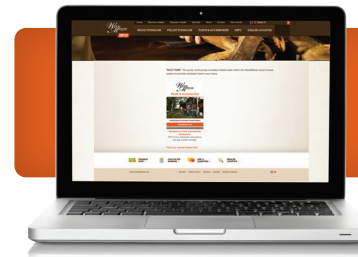
ASH GRATE SYSTEM

WoodMaster has developed an auger system for traditional wood furnaces that makes clean out easier for owners. Augers and grates can also be easily removed for simple year-end maintenance.



TACO PUMPS

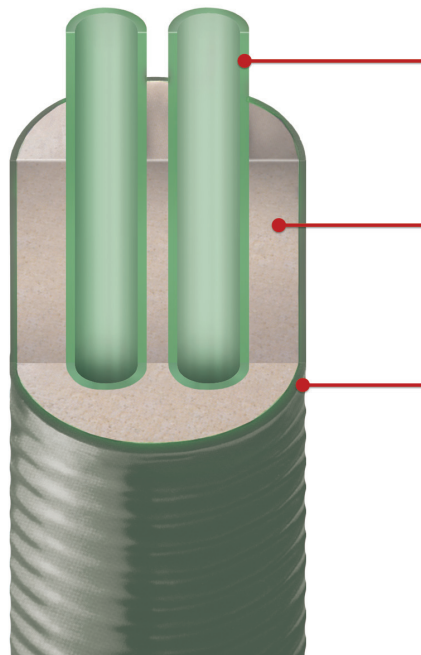
Taco pumps continuously circulate heated water within the WoodMaster wood furnace system to provide consistent heat in your home.



**Download the Parts & Accessories catalog @
WoodMaster.com**

It pays to install ThermoPEX®.

Choosing the best insulated piping system for your outdoor furnace is imperative to lower heat loss and reduce the amount of wood you'll burn. The ThermoPEX insulated piping system is a proven system that saves energy and maximizes the efficiency of your outdoor furnace.



PIPE: Oxygen-barrier PEX® is a high-density, cross-link pipe, rated for 180°F at 100 psi. It is compatible with standard PEX insert fittings that cost much less than competitors' compression fittings. PEX lines are marked to easily identify supply and return lines.

INSULATION: This industry-best high-density urethane insulation provides the ultimate control against heat loss. The high thermal efficiency of the urethane allows for a small overall size than some competitors, and provides lower heat losses per foot.

OUTER JACKET: The ThermoPEX high-density polyethylene outer jacket is thick, durable and seamless. It provides the necessary protection, is waterproof, and is corrugated for flexibility, making it easy to route around obstacles. It is also UV protected and can be installed above ground. It eliminates concerns with ground moisture or water affecting insulating properties of the urethane insulation.

EASY TO INSTALL

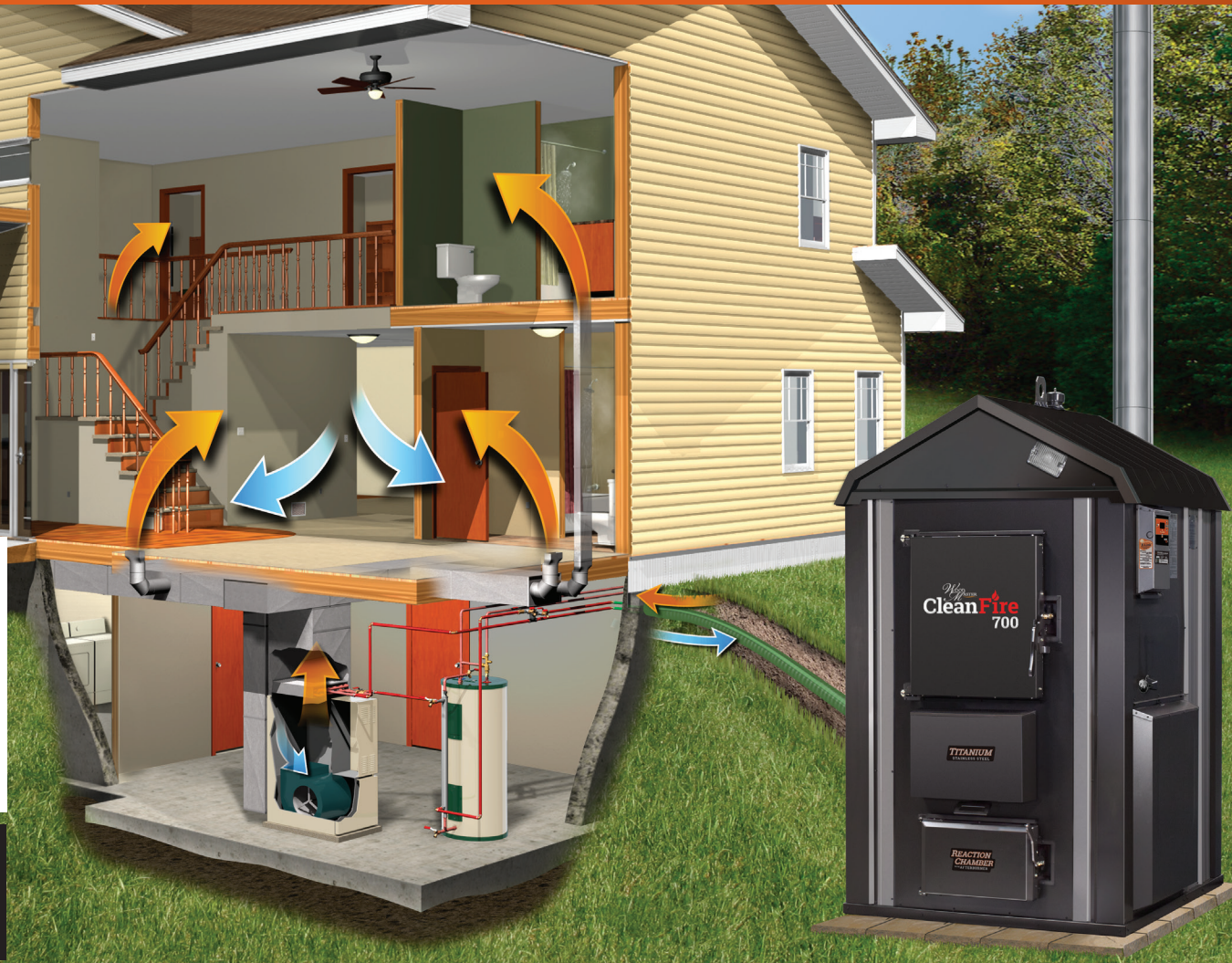
ThermoPEX comes pre-assembled and ready to install. No special tools or equipment are required. No drainage tile or gravel backfill is required. ThermoPEX only needs a narrow trench for installation. ThermoPEX is affordable and will reduce installation time, therefore saving you 25% to 40% on your installation costs.



Proven Performance,
Reliability, and Savings.

Your local WoodMaster Dealer

*26% Tax Credit - US Internal Revenue Code Sec. 25(D) effective Jan. 1, 2021, for heating a residence. For more details visit WoodMaster.com. Information provided here as a convenience and may not be relied upon as substitute for professional tax advice. Consult a tax professional with any questions.



For your local dealer, visit **WOODMASTER.COM** or call **800-932-3629**.

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