

# Ω MEGA<sup>HE</sup>

## Outdoor Wood Burning Appliance for use with Forced Air Systems or Hot Water Systems



Ω MEGA<sup>HE</sup>

Available with metallic galvanized  
steel or stainless steel outer covering

- ▶ **Reduced Emissions** - less smoke, friendly to environment
- ▶ **Easy to Install** - pre-plumbed and wired for quick, easy hook-up
- ▶ **Three Models Available** - to meet your heating needs

Ω MEGA<sup>HE-10</sup>

Ω MEGA<sup>HE-20</sup>

Ω MEGA<sup>HE-30</sup>

By

***Aqua-Therm***

### Standard Features / Equipment:

- Limited Lifetime Warranty
- Closed pressurized system
- High temperature stainless steel construction, Titanium enhanced
- Outer jacket choices: long-lasting metallic galvanized steel OR stainless steel
- Secondary combustion chamber with easy ash clean-out door
- Completely wired with master and loading switches
- Plumbed manifold system for easy hook-up
- Fully insulated (6" completely surrounds appliance), firebrick-lined secondary combustion chamber
- Double-wall stainless steel chimney
- Control panel with digital aquastat
- Low water cutoff
- Optional hook-up packages available:
  - Hot water package (for all hydronic systems such as radiant or baseboard)
  - Forced air package with heat exchanger and relay

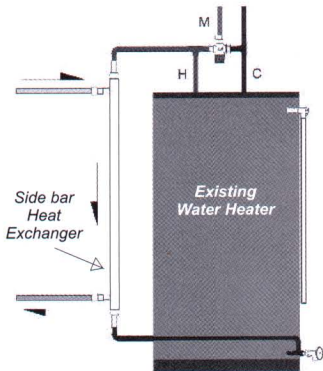
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## Specifications

	Ω MEGA <sup>HE-10</sup>	Ω MEGA <sup>HE-20</sup>	Ω MEGA <sup>HE-30</sup>
Height	48"	60"	60"
Length	72"	72"	84"
Width	48"	48"	48"
Fire Chamber (L)	40"	40"	52"
Fire Chamber (Vol)	11 c.f.	17 c.f.	21 c.f.
Door Opening	16" x 20"	19" x 26"	19" x 26"
Water Capacity	48 gal.	59 gal.	76 gal.
Weight	1000 lbs.	1200 lbs.	1500 lbs.
Output	100 MBH	150 MBH	200 MBH

## Domestic Hot Water

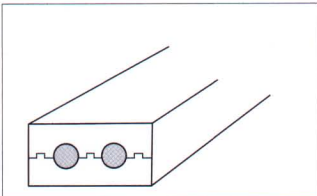


Attached to an existing water heater, this double-wall heat exchanger provides hot water for household use:

Advantages are:

- Boiler water never mixes with domestic water.
- No need to run an extra set of pipes between the boiler and the house.
- Supplement water heater, reducing gas / electric use.

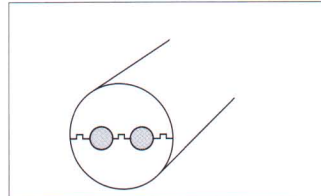
## Preformed Pipe Insulation



Aqua-Therm's rectangular preformed pipe insulation is a Type II polystyrene foam suitable for in-ground installations.

The insulation is designed to hold both supply and return lines up to 1½" O.D. A plastic installation cover is recommended for water resistance.

**Thermal Value: R8.08**  
**Dimensions: 8" x 5½" x 48"**



Aqua-Therm's round insulation, also a Type II polystyrene foam, is best for heavy soil or areas where ground water may be a problem.

This insulation is designed to fit inside a 6" thin-walled sewer pipe, which is readily available at most home building stores.

**Thermal Value: R7**  
**Dimensions: 5-5/8" dia. X 48"**

## Optional Accessories

- Hot Water Kit
- Forced Air Kit
- Domestic Water Heating Package
- Gas, Oil, or Electric Boilers for Secondary Heat Source
- Indirect-Fired Water Heaters
- ½" Aqua-Therm Composite Tubing for Radiant Floor
- 1" I.D. Aqua-Therm Composite Tubing
- Preformed Pipe Insulation (rectangular or round)
- Compression Fittings for 1" tubing
- Boiler Anti-Freeze
- Ball Valves for System Isolation

## Aqua-Therm Composite Tubing

Aqua-Therm's cross-linked polyethylene (PEX-AL-PEX) tubing has an aluminum oxygen barrier, making it an excellent product to use as supply and return lines to the wood burner. The tubing also performs very well in a hydronic radiant floor heating system.



Advantages are:

- The aluminum allows for easy bending and will retain the desired shape.
- High temperature and pressure rating.
- 100% oxygen barrier = Longer life for pumps and heating components.
- Minimal heat expansion.
- No special tools required for brass compression fittings.

## Omega<sup>HE</sup> Outdoor Wood Burner Quote

Model \_\_\_\_\_ \$ \_\_\_\_\_

### Optional Accessories:

_____	_____
_____	_____
_____	_____
_____	_____

**Sub-total** \_\_\_\_\_

**Shipping** \_\_\_\_\_

**Tax** \_\_\_\_\_

**Total** \$ \_\_\_\_\_

**Call for design assistance and system pricing**

**Aqua-Therm™**

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