

# MAHONING

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## SKYE SERIES



800.692.5200 • [www.mahoningoutdoorfurnaces.com](http://www.mahoningoutdoorfurnaces.com)

# MAHONING | Skye Series V Wood Burning Heater

## Durability:

- 100% refractory firebox; no metal to corrode or degrade.
- No corrosion or burn through as with welded steel combustion chambers.
- Thermal heat storage in 100% refractory firebox weighing in excess of 1000 pounds.
- Heat retention, hours after wood is burned away.
- Rebuild-able construction of the entire refractory assembly.
- Modular stainless steel tank system for easy repair and maintenance.
- Digital over temperature controls to protect combustion system from over-firing.
- No sprayed-on insulation; all insulation is easily replaced.

## User Convenience:

- Computer controlled, automatic operation including automatic bypass damper and combustion controls.
- Freeze protection and automatic heater shutdown with high water temperature.
- Flexible operating settings for hydronic pump activation.

## Performance:

- Low emissions and high combustion efficiency.
- Electronically controlled proportional control for superior temperature stability.
- Rapid response to slight changes in heat draw rates for uniform heating.
- Computer managed "Smart Circulation" for a combination of rapid response to spikes in heat demand and high heating capacity. A standby tank is engaged when heat needs to be dissipated or with spikes in heat demand.
- 230 gallon tanks on-board.

## Feedback:

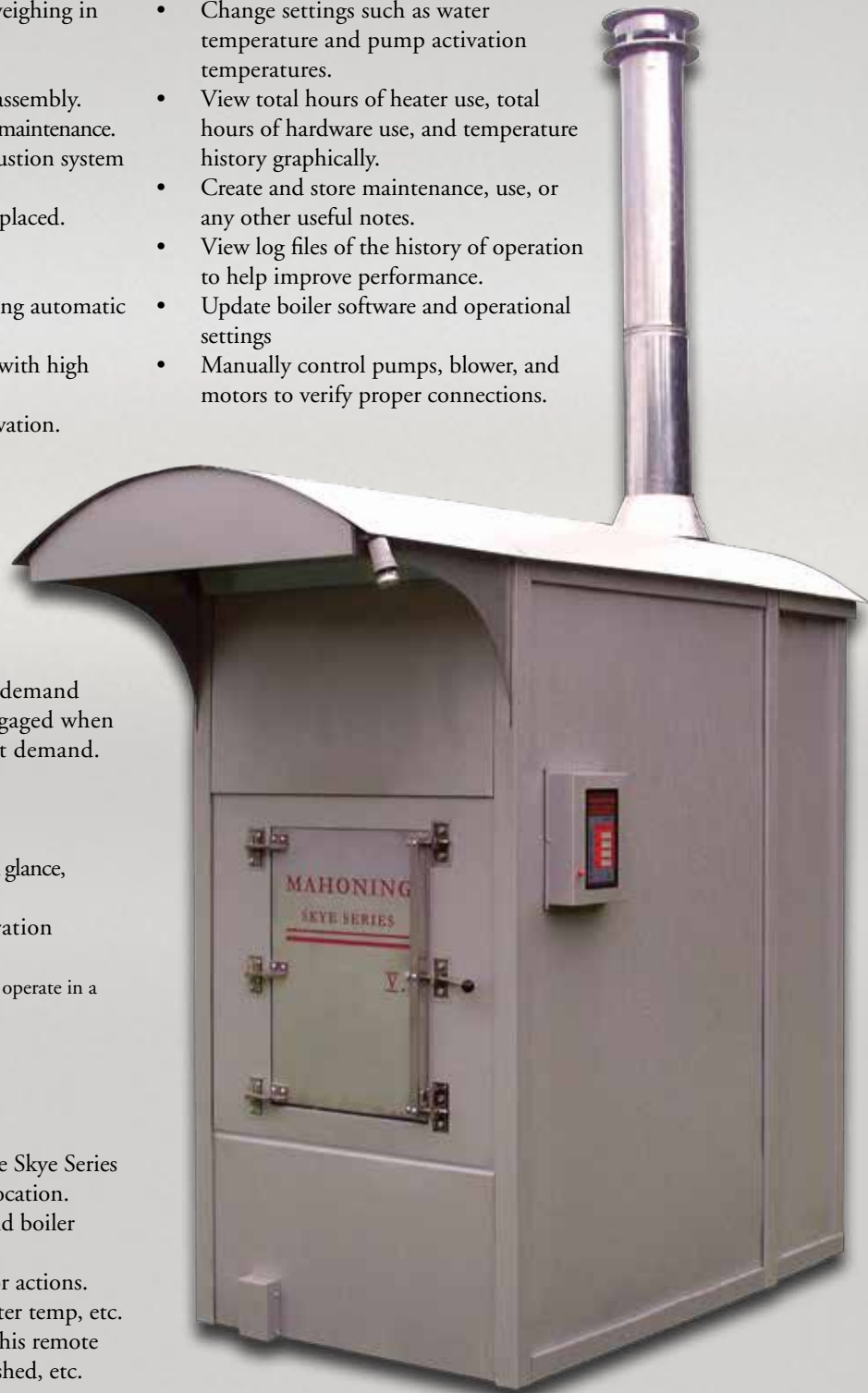
- Digital boiler display shows status of the heater at a glance, without opening the door.
- Emergency mode outdoor lamp - improper operation flashing lamp remotely signals a problem.
- Low water signal and boiler shutdown (unit will not operate in a low water condition).
- Optional Remote Displays available
- Optional Display Software available

## Remote Display:

- The same digital display installed on the side of the Skye Series furnace can be located in any convenient remote location.
- Monitor delivered water, combustion, chimney, and boiler cabinet temperatures.
- Remotely view/verify the heater status and operator actions.
- Detect abnormal conditions of low water, high water temp, etc.
- Radio communication allows wireless location of this remote display at any convenient location: home, garage, shed, etc.

## Display Software:

- The optional remote display software optimizes the furnace user experience on your laptop or home computer, wirelessly.
- View the status of your heater in real-time.
- Change settings such as water temperature and pump activation temperatures.
- View total hours of heater use, total hours of hardware use, and temperature history graphically.
- Create and store maintenance, use, or any other useful notes.
- View log files of the history of operation to help improve performance.
- Update boiler software and operational settings
- Manually control pumps, blower, and motors to verify proper connections.



Skye Series V: 42"W x 69.5"L x 89.25"H - 2350 lbs.

## MAHONING OUTDOOR FURNACES

208 Whiskey Run Road • Mahaffey, PA 15757

Toll Free: 800.692.5200 • Tel: 814.277.6675 • Fax: 814.277.6686