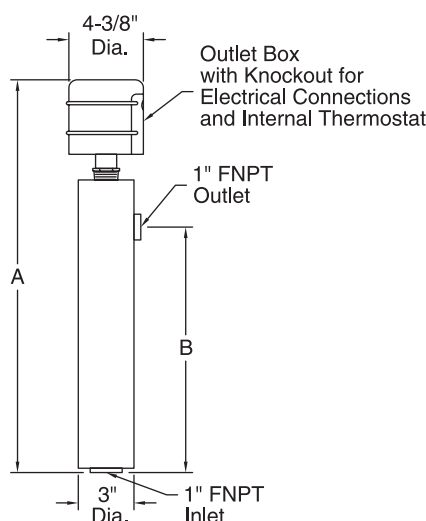


## Mini-Booster Compact Water Heaters

These compact, light-weight, easy to install heaters can be used for many commercial or light industrial water heating applications. The high quality Mini-Booster Water Heater includes the following standard features:

- 1-1/4" pipe thread immersion heater with integral load carrying 60° to 180° F thermostat
- Insulated galvanized steel pipe vessel with painted steel jacket
- Two .312" diameter copper elements rated at 80 W/In<sup>2</sup>
- NEMA Type 1 terminal enclosure
- No mounting brackets required
- Dual voltage design allows for operation with 120V or 240V power supply



KW	Catalog Number** 120V/1 Phase or 240V/1 Phase	Dimensions (Inches)		Weight (Lbs.)
		A	B	
1.5	HX-3591S01.5X01	19-7/8	12-3/8	10
2	HX-3591S02.0X01	19-7/8	12-3/8	10
2.5	HX-3591S02.5X01	23-7/8	16-3/8	12
3	HX-3591S03.0X01	23-7/8	16-3/8	12

\*\* If any special features are added to a standard heater, the part number will change to a 350-Series number. This part number is assigned after an order is placed.

## How to Order

### Standard Heater Construction

#### Specify:

- Catalog number
- Mounting configuration

### Custom Designs

#### Required Application Information:

- Fluid or gas to be heated
- Required temperature rise ( $\Delta T$ )°F through the heater
- Maximum outlet temperature
- Flow rates (minimum and maximum)
- Maximum design pressure
- Maximum allowable pressure drop through the heater
- Heater environment (hazardous, corrosive, weatherproof, etc.)
- Temperature control requirements

#### Specify:\*

- KW
- Voltage and phase
- Nominal heater/vessel configuration (2-1/2" pipe plug; 3", 5", 8", 10" or larger flange size)
- Maximum vessel design pressure (standard design based on 160 psi rating at 250° F, with Class 150 flange standard)
- ASME code stamp required (none or VIII)
- Vessel material (steel, stainless, other)
- Element sheath material (Incoloy, steel, copper, stainless, other)
- Element watt density (W/In<sup>2</sup>)
- Inlet/outlet connection (NPT or flanged)
- Mounting configuration
- Method of temperature/power control
- Special features

\*Heatrex can help determine custom design specifications or may advise a better choice to reduce cost and delivery time.