High Efficiency, Gas Fired, Stainless Steel, Condensing, Hot Water Boiler

Fast installation combined with out-of-the-box performance!

- Up to 95% AFUE
- Stainless Steel water tube heat exchanger
- Five sizes — 80, 100, 120, 150 & 180 MBH input
- Compact wall mount configuration
- Modulating burner with 5:1 turn down ratio
- Factory pre-set Honeywell Sola Control and LCD display
- Universal vent connection
- 5 year parts warranty
- Natural or LP gas (Field convertible)
- High altitude models available for use above 4500ft.
### Technical Specifications

#### Typical Venting Configurations (Horizontal and Vertical)
Illustrations are for representation only. For complete venting information, please see installation manual.

- **Horizontal 2-pipe**
- **Vertical 2-pipe**
- **Horizontal 2-pipe low profile**
- **Vertical 2-pipe concentric**
- **Horizontal 2-pipe concentric**
- **Hybrid**
- **Vertical exhaust/sealed B-vent for combustion air**

#### Supply Water Connection (Not Shown)
- **Junction Box**
- **Temperature/Pressure Gauge**
- **Gas Connection**
- **Vent Connection**
- **Relief Valve**
- **Air Intake Connection**
- **Display**
- **Access Door**
- **Condensate Connection**
- **Condensate Trap Cleanout**
- **DHW Priority**

#### Optional Equipment
- **CPVC/PVC vent kit**
- **Service parts repair kit**

#### Energy Star® certified product

1. The Net AHRI Water Ratings are based on a piping and pickup allowance of 1.15.
2. The manufacturer should be consulted before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.
3. Refer to manual for system vent length derates.

### SHADW-06/18

<table>
<thead>
<tr>
<th>Model</th>
<th>AFUE%</th>
<th>Input (MBH) min-max</th>
<th>DOE Heating Capacity (MBH)</th>
<th>Net AHRI (MBH)</th>
<th>MAWP (PSI)</th>
<th>Vent Size (in.)</th>
<th>Width (inches)</th>
<th>Depth (inches)</th>
<th>Approx Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SHADW080</td>
<td>94.0*</td>
<td>16-80</td>
<td>74</td>
<td>64</td>
<td>50</td>
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<td>14</td>
<td>146</td>
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<td>97</td>
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<td>18-3/4</td>
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<td>50</td>
<td>3</td>
<td>19-15/16</td>
<td>18-3/4</td>
<td>187</td>
</tr>
</tbody>
</table>

4. High altitude versions of all models available for installations over 4500ft. De-rate required on all models installed above 2,000 ft, consult factory for details. For Canadian installations over 4,500 ft., consult authority having jurisdiction for guidance. SHADW080 may not be installed using LP gas above 2,000 ft. SHADW180 may not be installed using LP gas above 7,800 ft.

### ADDITIONAL FEATURES AND EQUIPMENT
- Easy Access Control Panel
- Pre-installed hanging bracket and wall mount kit
- Sola Control System
  - LCD Display
  - Three circulator outputs
  - Outdoor reset including outside sensor
  - DHW priority

### OPTIONAL EQUIPMENT
- CPVC/PVC vent kit
- Service parts repair kit