**Performance:**
- Full Load Thermal Efficiency 97.9%
- Factory Equipped for Outdoor Reset Operation
- Dual Temperature Settings for Central Heating and Domestic Hot Water
- Dual Flame Sensing for Reliable Ignition
- Suitable for Firing Natural or LP Gas

**Construction:**
- Designed, Constructed and Stamped in accordance with ASME Boiler & Pressure Vessel Code, Section IV
- Design Certified for Zero Clearance to Combustible Construction
- Welded Steel Frame that is Fork Truck, Pallet Jack, or Crane Compatible
- Space Saving Stackable Design
- Maximum Allowable Working Pressure: 160 PSI
- 304L Stainless Steel Heat Exchanger
- Sealed Air Inlet with Filter
- Removable Jacket Panels
- Leveling Legs
- Easy Access to Electrical Wiring

**Exhaust/Air Intake Piping:**
- Suitable for Direct Vent Combustion Operation with Inside or Outside Air
- PVC Exhaust Connection
- Common Air Inlet Capable
- Vent Temperature Sensor
- Air Inlet Sensor and Air Proving Switch
- Blocked Vent Switch

**Safety Features:**
- 30 PSIG ASME Safety Relief Valve (Loose)
- Pressure/Temperature Gauge (Loose)
- Integrated Manual Low Water Cut Off Switch with Test Feature
- Manual Reset High Temperature Limit

**Control Features:**
- Plain English Status Display
- Multiple Languages Including French and Spanish Available
- Factory Equipped for Multiple Boiler Cascade Operation
- Flame Signal Monitoring
- Freeze Protection
- DHW Tank Warm Hold
- Outdoor Sensor Included
- Temperature Boost Function
- Warm Weather Shut Down
- Anti Cycling Logic
- DHW Priority Control
- DHW Heat Economy Circulation
- Service Notification
- System Test for Manual Control of Firing Rate
- Fault History
- Alarm Contacts
- Analog Input for Set Point
- Modbus Communications Capability
- Built-In Pump Relay Board

**Combustion System:**
- State of the Art Metal Mesh Burner
- Dual Flame Sensing
- High Energy Spark Ignition
- Integrated Fuel Pressure Switches

**Condensate System:**
- Built-in Condensate Trap
- Blocked Condensate Switch
- Easy Access Condensate Collector

**Warranty:**
- One Year Parts and Labor Warranty
- 10 Year Limited Warranty

**Codes:**
- Design Certified to ANSI Z21.13
- CSD-1 Compliant
- Massachusetts Plumbing Code Compliant
Optional Equipment:
- Domestic Water Tank Temperature Sensor
- System Sensor for Multiple Boilers
- 50/100/150 PSI Safety Relief Valve

### PEERLESS® PUREFIRE® PFC-750 BOILER RATINGS

<table>
<thead>
<tr>
<th>Boiler</th>
<th>Input (MBH)</th>
<th>Heating Capacity (MBH)</th>
<th>Net Ratings (MBH)</th>
<th>Thermal Efficiency (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PFC-750</td>
<td>150</td>
<td>735</td>
<td>639</td>
<td>98.0</td>
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</table>

### PEERLESS® PUREFIRE® PFC-750 CAPACITIES

<table>
<thead>
<tr>
<th>Gas Pressure Min/Max (Inch WC)</th>
<th>Total Water Capacity (Gallons)</th>
<th>Water Flow Rate &amp; Pressure Drop</th>
<th>Total Combined Length of Air Intake &amp; Vent (Feet)</th>
<th>Shipping Weight (Lbs)</th>
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</thead>
<tbody>
<tr>
<td>3.5 (N) 13.5 (N)</td>
<td>6.36</td>
<td>20 73.5 12.43</td>
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<td>200</td>
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<tr>
<td>8.0 (LP) 13.5 (LP)</td>
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<td>40 36.75 3.11</td>
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<td>530</td>
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### PEERLESS® PUREFIRE® PFC-750 ELECTRICAL RATINGS

<table>
<thead>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>120 VAC</td>
<td>60 Hz</td>
<td>8.5</td>
<td>0.21 x 2</td>
<td>5.0</td>
<td>10.00 x 2</td>
<td>20.00</td>
</tr>
</tbody>
</table>

These specifications are subject to change without notice.