The Steamaster 4000

The Steamaster 4000 Series instant hot water mixers were designed to safely blend steam and cold water together to provide hot water on demand. Whether you need to washdown floors, process equipment, vessels, vats or vehicles, the Steamaster 4000 can safely supply the hot water you need at the temperature you select. Should the cold water fail, the Steamaster will immediately shut off the steam supply. All units are furnished with control valves, a dial thermometer, in-line check valves, a hose rack, mounting plate and mounting hardware.

Special Features

A. Globe Style Control Valves.
B. In-Line Check Valves.
C. Compact, Light weight investment cast stainless steel body with a baffled blending chamber for substantial noise reduction.
E. Fail-Safe Mechanism shuts off steam on cold water failure.
F. Steam Injector for efficient blending.
G. Heavy Duty, all Stainless Steel temperature gauge.
1. Recommended inlet water temperature: 60°F
2. Maximum Operating Temperature: 200°F
3. Maximum Operating Pressure: 150 PSI

<table>
<thead>
<tr>
<th>MODEL</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>4000</td>
<td>5.50&quot;</td>
<td>7.00&quot;</td>
<td>9.00&quot;</td>
<td>15.50&quot;</td>
<td>26.00&quot;</td>
<td>10.00&quot;</td>
<td>20 lbs</td>
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**Performance Curves**

**Installation Recommendations**

1. If overheating occurs due to system malfunctions, (i.e. restrictions in pipelines, etc...) immediately turn down steam valve. If overheating occurs due to uncontrollable pressure fluctuations, a pressure regulator will be required.
2. Limitations in use: Not for use with superheated steam.

**Pressure Requirements & Testing**

The Steamaster 4000 series operates on half the steam pressure required for competitive units and every unit is performance tested prior to shipment.

<table>
<thead>
<tr>
<th></th>
<th>STEAM</th>
<th>WATER PRESSURE</th>
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</thead>
<tbody>
<tr>
<td>MINIMUM</td>
<td>Model 4000</td>
<td>40 PSI</td>
</tr>
<tr>
<td>MAXIMUM</td>
<td>125 PSI</td>
<td>50 PSI</td>
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<tr>
<td></td>
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<td>80 PSI</td>
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**Technical Services**

Full technical advice and information is available by calling our number:

(937) 558-2497
**FLEX-MASTER 250**

Streamline’s **Flex-Master 250** was engineered to be a safe, stable and economical washdown hose. The lightest, easiest handling hose in its pressure class:

- Backed by safety margins that exceed the industry’s standard 4:1 ratio.
- Rated at 250psi - 200°F
- New high-tech horizontal braiding and high-strength textile filaments applied at precise angles eliminated the weight, yet increases strength.
- Abrasion-resistant Neoprene Cover with the sure-grip impression wrapped finish protects the hose from the hazards of chemicals, fats, and moisture. **Flex-Master 250** gives you better flexibility, easier handling, and a new standard for strength in lightweight construction.

**S-151-SS Stainless Steel SPRAY NOZZLE**

**Stainless Steel Construction:** The S-151-SS nozzle is constructed entirely of 300 series stainless steel.

**Conserves Water:** Upon release of the lever, operator is assured of drip-tight shut-off. Our heavy-duty hose adaptors also prevent any leakage at nozzle inlet.

**Industrial Strength Design:** All models are designed to withstand the abuse and punishment common to the industrial environment.

**Models Available:**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>S-151-SS</td>
<td>300 Series Stainless Steel</td>
</tr>
<tr>
<td></td>
<td>316L Stainless Steel for D.I. water service</td>
</tr>
</tbody>
</table>

**ORDERING INFO**

(937) 558-2497

**STM4000**  Steam and Cold Water Mixing Station, Stainless Steel Construction includes Wall Mount, Stainless Globe Style Control Valves, In Line Check Valves, Stainless Steel Temperature Gauge, Stainless Steel Hose Rack and Mounting Plate with Stainless Steel Hardware (LESS HOSE AND NOZZLE)

**STM4000N** Steam and Cold Water Mixing Station, Stainless Steel Construction includes Wall Mount, Stainless Globe Style Control Valves, In Line Check Valves, Stainless Steel Temperature Gauge (LESS HOSE, NOZZLE, MOUNTING PLATE, HOSE RACK & HARDWARE)