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Hatco C-6-208-3-QS

Hatco C-6-208-3-QS Booster Heater Instruction Manual

Model: C-6-208-3-QS

PRODUCT OVERVIEW

The Hatco C-6-208-3-QS is a compact electric booster heater designed for commercial food service applications. It features a 6-gallon storage capacity and operates on 208v/60/3-ph power with a 6-kW heating element. The unit is constructed with a stainless steel front panel and a powder-coated silver-gray hammertone body, supported by 6-inch plastic non-adjustable legs. It includes a Castone lined tank for durability and is NSF and cULus certified, indicating compliance with public health and safety standards. This model is manufactured in the USA.



Image: Hatco C-6-208-3-QS Compact Booster Heater. This image displays the compact booster heater from a front-side angle, showcasing its stainless steel front panel, gray hammertone body, and four black non-adjustable legs. A control panel with indicators is visible on the lower front section.

SAFETY INFORMATION

Always read and understand all safety warnings and instructions before installing, operating, or performing maintenance on this equipment. Failure to follow these instructions may result in property damage, serious injury, or death. This appliance must be installed by qualified personnel in accordance with all applicable national and local electrical and plumbing codes.

- **Electrical Hazard:** Disconnect power before servicing.
- **Hot Surface:** Surfaces may be hot during and after operation. Use caution.
- **Water Pressure:** Ensure proper water pressure and connections to prevent leaks.
- **Ventilation:** Ensure adequate ventilation around the unit.
- **Proposition 65 Warning:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SETUP AND INSTALLATION

Proper installation is crucial for the safe and efficient operation of the booster heater. Refer to the detailed installation instructions provided in the full manual for specific plumbing and electrical connections.

Unpacking

- Carefully remove the unit from its packaging.
- Inspect for any shipping damage. Report damage immediately to the carrier.
- Retain packaging materials for future transport or return if necessary.

Location Requirements

- Install on a level, stable surface capable of supporting the unit's weight (approximately 118 pounds dry, plus water).
- Ensure adequate clearance for ventilation and servicing.
- Locate near appropriate electrical and water supply connections.

Electrical Connection

This unit requires a 208v/60/3-ph electrical supply. All electrical connections must be made by a qualified electrician in accordance with local and national electrical codes.

- **Voltage:** 208 Volts
- **Wattage:** 6000 watts
- **Power Source:** Corded Electric

Plumbing Connection

Connect the water inlet and outlet lines according to standard plumbing practices. Ensure all connections are watertight.

- Install a shut-off valve on the inlet water line.
- Ensure proper drainage for any overflow or relief valve discharge.

OPERATING INSTRUCTIONS

Once properly installed and connected, the booster heater is designed for straightforward operation.

1. **Fill the Tank:** Before applying power, ensure the unit's tank is completely filled with water. Open the water supply valve and allow the tank to fill until water flows from the hot water outlet.
2. **Apply Power:** Turn on the electrical power supply to the unit. The power indicator light on the control panel should illuminate.
3. **Heating Cycle:** The unit will automatically begin heating the water to the set temperature. A heating indicator light may illuminate during this process.

- Temperature Control:** The booster heater is factory-set to maintain a specific temperature. Adjustments, if available, should only be made by qualified service personnel.
- Normal Operation:** The unit will cycle on and off as needed to maintain the desired water temperature.

For optimal performance, ensure a continuous supply of pre-heated water to the booster heater if it is part of a larger dishwashing system.

MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Hatco booster heater. Always disconnect power before performing any maintenance.

Daily/Weekly Maintenance

- Exterior Cleaning:** Wipe down the exterior surfaces with a damp cloth and mild detergent. Do not use abrasive cleaners.
- Check for Leaks:** Visually inspect all plumbing connections for any signs of leaks.

Monthly/Quarterly Maintenance

- Deliming:** Depending on water hardness, the tank and heating elements may require deliming to remove mineral deposits. Consult a qualified service technician for proper deliming procedures.
- Inspect Connections:** Check electrical and plumbing connections for tightness and wear.

Annual Maintenance

- It is recommended to have the unit inspected by a qualified service technician annually to ensure all components are functioning correctly and to address any potential issues.

TROUBLESHOOTING

This section provides solutions to common issues. For problems not listed here, or if issues persist, contact qualified service personnel.

Problem	Possible Cause	Solution
Unit does not heat	No power supply Tripped circuit breaker Low water level Faulty heating element	Check power connection Reset breaker Ensure tank is full Contact service technician
Water is not hot enough	Incorrect temperature setting Excessive water flow Scale buildup in tank	Verify temperature setting (service only) Reduce water flow rate Perform deliming (service only)
Water leaks from unit	Loose plumbing connections Faulty relief valve Cracked tank	Tighten connections Inspect and replace relief valve Contact service technician

SPECIFICATIONS

Key technical specifications for the Hatco C-6-208-3-QS Booster Heater:

- **Model:** C-6-208-3-QS
- **Manufacturer:** Hatco
- **Power:** 208 Volts, 6000 Watts, 3-phase
- **Storage Capacity:** 6 Gallons
- **Dimensions (L x W x H):** Approximately 20.75 x 13 x 19.75 inches
- **Item Weight:** Approximately 118 pounds (dry)
- **Material:** Stainless Steel (front panel), Powder-coated silver-gray hammertone (body)
- **Legs:** 6-inch plastic non-adjustable
- **Tank Lining:** Castone
- **Certifications:** NSF, cULus
- **Country of Origin:** Made in USA

WARRANTY INFORMATION

The Hatco C-6-208-3-QS Booster Heater includes a manufacturer's one-year parts and labor warranty. This warranty covers defects in materials and workmanship under normal use and service. For specific terms, conditions, and claim procedures, please refer to the official warranty document provided with your product or contact Hatco customer support.

CUSTOMER SUPPORT

For technical assistance, parts inquiries, or warranty claims, please contact Hatco customer support. When contacting support, please have your model number (C-6-208-3-QS) and serial number ready.

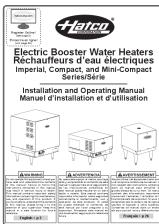
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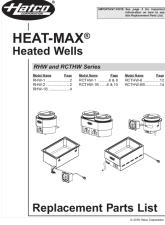
Refer to the official Hatco website or product documentation for the most current contact information.

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This manual is for informational purposes only. Specifications are subject to change without notice.

Related Documents - C-6-208-3-QS

	<p>Hatco Electric Booster Water Heaters: Installation & Operating Manual Imperial, Compact, Mini-Compact Series</p> <p>This comprehensive installation and operating manual from Hatco Corporation details the Imperial, Compact, and Mini-Compact series of electric booster water heaters. It provides critical safety information, installation procedures, operational guidelines, maintenance instructions, and troubleshooting advice for commercial dish machine applications, ensuring optimal performance and compliance.</p>
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	<p><u>Hatco HEAT-MAX Heated Wells RHW and RCTHW Series Replacement Parts List</u></p> <p>Comprehensive replacement parts list for Hatco HEAT-MAX Heated Wells, covering RHW and RCTHW series models. Includes detailed diagrams, part numbers, and instructions for identifying correct parts based on manufacturing date codes.</p>
	<p><u>Hatco Glo-Rite HL Series Display Lights Installation and Operating Manual</u></p> <p>This manual provides comprehensive installation, operation, safety, maintenance, and troubleshooting guidance for the Hatco Glo-Rite® HL Series Display Lights. Designed for professional food service environments, these lights enhance food presentation and safety with features like durable construction, bright illumination, and shatter-resistant bulbs.</p>
	<p><u>Hatco Built-In Heated Wells Installation and Operating Manual</u></p> <p>Comprehensive installation, operation, and maintenance manual for Hatco's HWB Series Built-In Heated Wells. Covers specifications, safety, troubleshooting, and product details for commercial food service applications.</p>
	<p><u>Hatco Glo-Ray Heated Shelf Installation and Operating Manual</u></p> <p>Comprehensive guide for Hatco Glo-Ray Heated Shelves (GRS, GRSB, GRSBF series), covering installation, operation, safety, and maintenance for optimal food holding in commercial kitchens. Visit www.hatcocorp.com for more.</p>
	<p><u>Hatco Glo-Ray Designer Heated Shelves and Buffet Warmers GR2S/GR2BW Series Installation and Operating Manual</u></p> <p>Comprehensive installation, operation, maintenance, and safety manual for Hatco Glo-Ray Designer Heated Shelves (GR2S) and Buffet Warmers (GR2BW) series. Includes specifications, troubleshooting, and warranty information.</p>