

Hatco 02-16-050

Hatco 02-16-050 Horizontal Mechanical Drum Thermometer User Manual

Model: 02-16-050

INTRODUCTION

This manual provides essential instructions for the proper setup, operation, and maintenance of your Hatco 02-16-050 Horizontal Mechanical Drum Thermometer. Please read this manual thoroughly before installation and use to ensure safe and efficient performance. The Hatco 02-16-050 is a genuine Hatco OEM replacement part designed for accurate temperature measurement in compatible systems.



Figure 1: Hatco 02-16-050 Horizontal Mechanical Drum Thermometer. This image displays the Hatco 02-16-050 Horizontal

Mechanical Drum Thermometer. It features a black rectangular body with an analog display window, from which white wires extend, terminating in a metallic probe tip. The device is designed for temperature measurement in specific applications.

SAFETY INFORMATION

- Always ensure the power supply to the equipment is disconnected before installing or servicing the thermometer.
- Handle the thermometer and its components with care to prevent damage.
- Only use this thermometer for its intended purpose as a replacement part for compatible Hatco equipment.
- Refer to the main equipment's service manual for specific installation procedures if this thermometer is part of a larger system.

SETUP AND INSTALLATION

The Hatco 02-16-050 thermometer is designed for integration into specific Hatco equipment. Installation should ideally be performed by a qualified technician.

1. **Preparation:** Ensure the host equipment is powered off and disconnected from its power source. Allow any hot surfaces to cool down.
2. **Access:** Locate the existing thermometer or the designated installation point within the equipment. This may require removing access panels.
3. **Removal (if replacing):** Carefully disconnect the wires from the old thermometer and remove it from its mounting. Note the orientation and wiring connections for correct reinstallation.
4. **Installation:** Insert the new Hatco 02-16-050 thermometer into the designated mounting slot. Ensure it is securely seated.
5. **Wiring:** Connect the white wires of the new thermometer to the appropriate terminals as per the host equipment's wiring diagram. Ensure connections are secure and properly insulated if necessary.
6. **Probe Placement:** Position the metallic probe tip in the area where temperature measurement is required, ensuring good thermal contact.
7. **Verification:** Once installed, replace any access panels. Before restoring power, double-check all connections.

OPERATING INSTRUCTIONS

The Hatco 02-16-050 is a mechanical thermometer with an analog display, providing a fast reading system for temperature monitoring.

- **Power On:** Once installed and the host equipment is powered on, the thermometer will begin to register the temperature of its environment.
- **Reading Temperature:** Observe the analog dial through the display window to read the current temperature. The "Fast Reading System" feature allows for quick temperature updates.
- **Monitoring:** Continuously monitor the temperature as required by your application. No user adjustments are typically needed for this mechanical thermometer.

MAINTENANCE

Proper maintenance ensures the longevity and accuracy of your thermometer.

- **Cleaning:** The thermometer's outer material is stainless steel. As per product care instructions,**wipe clean** the exterior with a damp cloth. Do not immerse the thermometer in liquids. Ensure the host equipment is powered off and cooled before cleaning.
- **Inspection:** Periodically inspect the thermometer for any signs of physical damage, loose connections, or corrosion.
- **Calibration:** Mechanical thermometers generally do not require user calibration. If you suspect inaccurate readings, consult a qualified service technician or refer to the host equipment's service manual.

TROUBLESHOOTING

If you encounter issues with your Hatco 02-16-050 thermometer, consider the following:

Problem	Possible Cause	Solution
No temperature reading / Stuck needle	Improper installation Damaged internal mechanism Probe not in thermal contact	Verify correct installation and wiring. Ensure the probe tip is making proper thermal contact. If damaged, replacement may be necessary.
Inaccurate temperature reading	Improper probe placement External heat sources/drafts Thermometer malfunction	Adjust probe placement for optimal thermal sensing. Ensure the environment around the probe is stable. If persistent, consult a technician for assessment or replacement.

For issues not listed here or if troubleshooting steps do not resolve the problem, contact Hatco customer support or a qualified service technician.

SPECIFICATIONS

Model Name	02-16-050
Brand	Hatco
Display Type	Analog
Special Feature	Fast Reading System
Response Time	500 Milliseconds
Outer Material	Stainless Steel
Color	Black

Product Dimensions	Approximately 5 x 5 x 9 inches (L x W x H)
Item Weight	0.353 ounces
Reusability	Reusable
Indoor/Outdoor Usage	Indoor
Batteries Required	No
UPC	046843274376

WARRANTY INFORMATION

Specific warranty details for the Hatco 02-16-050 Horizontal Mechanical Drum Thermometer are not provided within this document. For information regarding warranty coverage, terms, and conditions, please refer to the official Hatco website or contact Hatco customer service directly. Keep your purchase receipt as proof of purchase.



CUSTOMER SUPPORT

If you require further assistance, have questions about installation, operation, or need to report a problem, please contact Hatco customer support. Contact information can typically be found on the official Hatco website or on the packaging of your product.

Hatco Official Website: www.hatcocorp.com

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Related Documents - 02-16-050

	<p>Hatco GLO-RAY GRFHS Series Fry Holding Station: Installation & Operating Manual</p> <p>This comprehensive manual provides essential installation, operation, safety, and maintenance guidelines for the Hatco GLO-RAY GRFHS Series Fry Holding Stations. Learn about specifications, troubleshooting, and accessories for commercial food service applications.</p>
	<p>Hatco Glo-Ray Round Heated Stone Shelves GRSSR & GRSSR-DL Series Parts and Service Information</p> <p>Detailed replacement parts list and service information for Hatco Glo-Ray Round Heated Stone Shelves, GRSSR and GRSSR-DL series. Includes part numbers, diagrams, and authorized distributors.</p>



[Hatco Glo-Rite HL Series Display Lights Installation and Operating Manual](#)

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.



[Hatco Built-In Heated Wells Installation and Operating Manual](#)

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.



[Hatco Glo-Ray Heated Shelf Installation and Operating Manual](#)

Comprehensive guide for Hatco Glo-Ray Heated Shelves (GRS, GRSE, GRSEB series), covering installation, operation, safety, and maintenance for optimal food holding in commercial kitchens. Visit www.hatcocorp.com for more.



[Hatco Glo-Ray Designer Heated Shelves and Buffet Warmers GR2S/GR2BW Series Installation and Operating Manual](#)

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.