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> Cooler Depot Commercial Undercounter High-Temperature Dishwasher H50-S1 User Manual

cooler depot H50-S1

Cooler Depot Commercial Undercounter High-Temperature Dishwasher H50-S1 User Manual

Model: H50-S1 | Brand: Cooler Depot

1. INTRODUCTION

Thank you for choosing the Cooler Depot Commercial Undercounter High-Temperature Dishwasher H50-S1. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new dishwasher. Please read this manual thoroughly before using the appliance and keep it for future reference.

2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury.

- Ensure the dishwasher is properly grounded.
- Do not operate the dishwasher if it has a damaged power cord or plug.
- Keep children away from the dishwasher during operation.
- Use only detergents and rinse aids specifically designed for commercial dishwashers.
- Do not tamper with safety devices or controls.
- Always disconnect power before performing any maintenance or cleaning.

3. SETUP AND INSTALLATION

3.1 Unpacking and Inspection

Carefully remove the dishwasher from its packaging. Inspect the unit for any shipping damage. The stainless steel surfaces are covered with a protective film. This film should be removed before initial use. Gently peel off the film from all stainless steel surfaces.



Figure 1: Front view of the H50-S1 commercial dishwasher. The unit is made of stainless steel and features a control panel at the top.



Figure 2: Angled view of the H50-S1 commercial dishwasher, showing its compact undercounter design.

3.2 Placement and Dimensions

The overall dimensions of the H50-S1 are approximately 24 inches (Length) x 25 inches (Depth) x 32 inches (Height). Ensure adequate clearance for ventilation and access for maintenance. The usable chamber height is 12 inches.

3.3 Electrical Connection

This dishwasher operates on 208-240V electricity and can be used with either single-phase or 3-phase power. The booster power is 2.5Kw. Consult a qualified electrician for proper electrical installation.

3.4 Water and Drain Connections

The unit includes a fill hose for water connection and a drain hose for wastewater. It also features a pumped rinse system and a cavity drain. Ensure all connections are secure and leak-free.



Figure 3: Rear view of the H50-S1 dishwasher, illustrating the power line in, drain connection, and water connection points.

3.5 Chemical Dispensers

Chemical dispensers for detergent and rinse aid are included for optimal washing performance. Connect these according to the manufacturer's instructions for your chosen chemicals.



Figure 4: Interior view of the H50-S1 dishwasher showing the included dish racks and the connection hoses for detergent and rinse aid.

4. OPERATING INSTRUCTIONS

4.1 Control Panel Overview

The dishwasher features easy-to-use electronic controls with a digital display for rinse and washing temperatures. The control panel includes an On/Off button and a Function button to select cycles.



Figure 5: Detailed view of the control panel, showing the digital temperature displays for rinse and wash, along with function, off, and on buttons. Also visible are the included dish racks.

4.2 Loading Dishes

Place dishes and glassware into the provided dish racks. The unit comes with two standard dish racks. Ensure items are loaded to allow water to reach all surfaces for effective cleaning.

4.3 Cycle Selection

The H50-S1 offers three wash cycles: 120, 150, and 180 seconds. Select the appropriate cycle based on the soil level of your dishes using the Function button on the control panel.

4.4 Starting Operation

After loading dishes and selecting a cycle, press the 'On' button to start the washing process. The digital display will show the current rinse and washing temperatures.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your dishwasher.

- **Daily Cleaning:** Wipe down all exterior and interior surfaces with a damp cloth and mild detergent.
- **Rinse Arms:** Periodically check the rotating stainless steel wash and rinse arms for blockages or damage. Ensure the wide-angle fan nozzles are clear.
- **Wash Pump Inlet Strainer:** Clean the wash pump inlet strainer regularly to prevent debris buildup and ensure machine reliability.
- **Descaling:** Depending on water hardness, periodic descaling may be necessary. Consult a professional for descaling procedures.

6. TROUBLESHOOTING

If you encounter issues, refer to the following common troubleshooting steps. For persistent problems, contact customer support.

- **Dishwasher not starting:** Check power connection, ensure the door is fully closed, and verify the On/Off button is pressed.
- **Poor cleaning results:** Ensure rinse arms are not blocked, check detergent and rinse aid levels, and verify correct cycle selection.
- **Leaking:** Inspect all hose connections for tightness and check door seal for damage.

7. SPECIFICATIONS

Key technical specifications for the Cooler Depot H50-S1 Dishwasher:

Feature	Specification
Model Name	H50-S1
Brand	Cooler Depot
Installation Type	Under Counter
Product Dimensions (D x W x H)	25"D x 24"W x 32"H
Item Weight	160 Pounds
Capacity	Max. 30 Racks/H
Usable Chamber Height	12 inches
Rinse Volume per Cycle	0.66 Gallons
Voltage	208-240V (1 or 3 Phase)
Booster Power	2.5 Kw
Controls Type	Push Button (Electronic)
Cycle Options	120, 150, 180 seconds
Noise Level	45 Decibels

Feature	Specification
Certification	NSF Certified, ETL Certified (Conforms to UL STD.921 & Certified to CSASTD C22.2 NO.168)

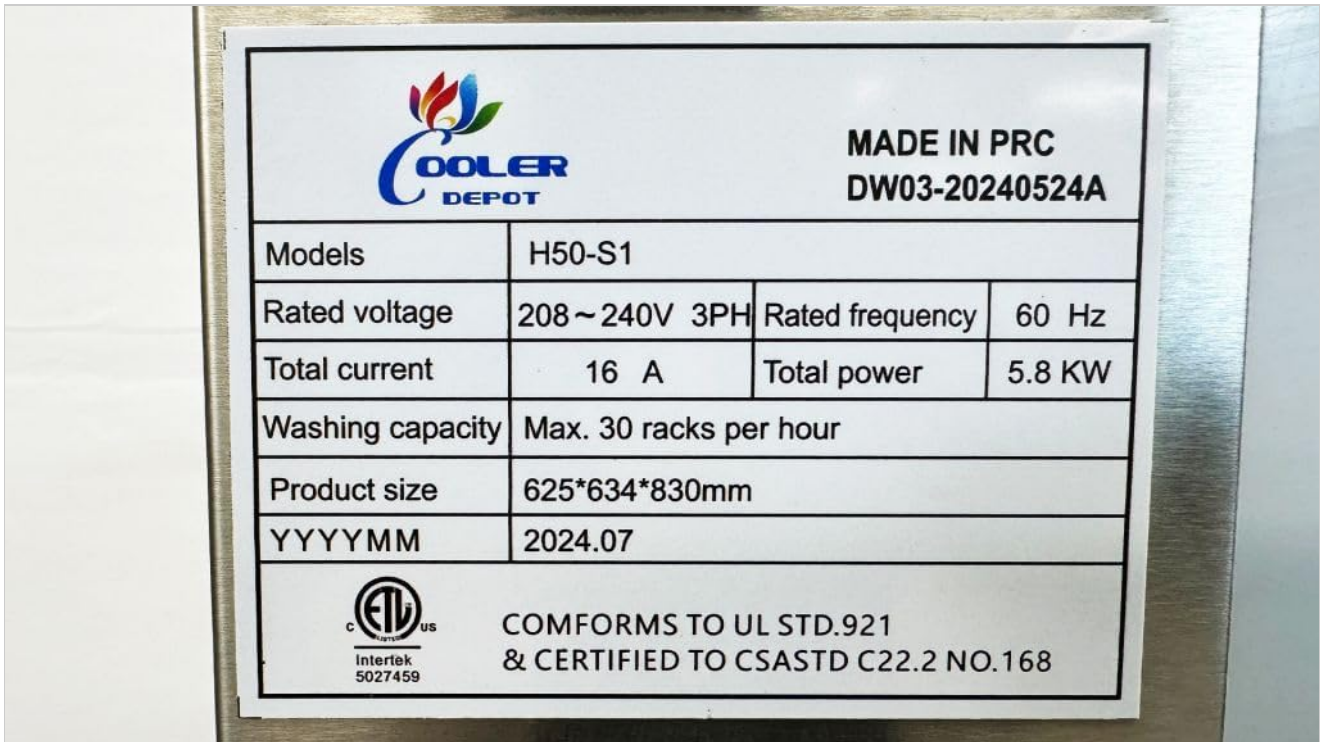


Figure 6: Product label showing model H50-S1, rated voltage, current, power, washing capacity, product size, and ETL certification details.



H50-S1

Feature:

- EASY-TO-USE: electronic controls with 3 cycles - 120, 150 & 180 seconds
- Digital temperature gauges
- Suitable for all dish & glass washing applications. Useable chamber height of 12".
- Low 0.66 Gallons per cycle rinse volume dish / glasswasher
- Double skin body and door - avoiding loss of energy / steam
- Rotating stainless steel wash & rinse arm with WIDE ANGLE FAN nozzle to maximise wash & rinse performance
- Wash pump inlet strainer to ensure machine reliability
- Includes chemical dispensers, fill hose, drain hose for quick & easy installation
- Cavity Drain
- Pumped rinse system

Model No.	Phase	Voltage	Herz	Max. Capacity	Plug Type	High or Low Temp	Water Consumption	Water Inlet
H50-S1	3 phase	208V~240V	60 Herz	30 Racks/ H	Hardwire	High Temp	0.66 Gallons/ R	3/4"
Booster Power	Clearance	Wash Temperature	Resine Temperature	Selectable Cycles	Dimension (L)	Dimension (D)	Dimension (H)	Net weight
2.5 Kw	12"	140 degree F	180 degree F	120/150/180 seconds	24.61" (62.5cm)	25" (63.5cm)	32 1/2" (82.5cm)	158lbs/ 72kgs

Figure 7: Diagram highlighting key features such as electronic controls, digital temperature gauges, low rinse volume, double skin body, rotating wash/rinse arm, wash pump inlet strainer, and included chemical dispensers.

8. WARRANTY AND SUPPORT

The Cooler Depot H50-S1 Commercial Dishwasher comes with a 1-year parts warranty and a 1-year labor warranty. For warranty claims, technical support, or any questions regarding your product, please contact Cooler Depot USA customer service. Keep your purchase receipt and original packaging materials for any potential returns or service needs.

9. PRODUCT VIDEOS

9.1 Commercial Dishwasher H50-S1 Overview

Your browser does not support the video tag.

Video 1: An official overview of the Cooler Depot H50-S1 Commercial Dishwasher, demonstrating its features, dimensions, and control panel operation. This video also shows the removal of the protective film from the stainless steel surfaces.