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## Paragon 4480

# Paragon E-Sink Portable Electric Heated Handwashing Station Model 4480 User Manual

Model: 4480 | Brand: Paragon

## INTRODUCTION

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The Paragon E-Sink Portable Hot Water Handwashing Station is designed to provide convenient and hygienic handwashing facilities in various settings. This unit features an on-demand 1500-watt, 120V/20 amp flash water heater, delivering hot water from a 5-gallon fresh water tank. It supports approximately 64 hand washes before requiring a refill. Waste water is collected in a separate 7-gallon tank. The water heater includes an adjustable thermostat for temperatures between 110-117 degrees Fahrenheit and is housed in a corrosion-resistant tank with a replaceable heating element. Equipped with a built-in 150 psi, 115 VAC, 0.9 amp water pump, the E-Sink ensures automatic demand operation without priming, and features backflow protection to prevent fresh water contamination. The heavy-gauge stainless steel cabinet offers durability and ease of cleaning. For mobility, the sink is fitted with 5-inch locking casters. It also includes twin hinged stainless steel doors with a sturdy lock, a deck-mount goose-neck faucet with long paddle handles, a soap dispenser, a paper towel dispenser, and a GFCI electrical outlet with a 10-foot cord. This unit requires a 110V, 20 amp electrical connection for the hot water heater.

## SAFETY INFORMATION

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- Read all instructions before operating the unit.
- Ensure the unit is connected to a grounded 110V, 20 amp electrical outlet. Do not use extension cords that are not rated for the required amperage.
- Do not operate the unit if the power cord or plug is damaged.
- Keep electrical components dry. Avoid spraying water directly onto the electrical outlet or other electrical parts.
- Always ensure the fresh water tank contains water before operating the pump and heater to prevent damage.
- Properly dispose of waste water. Do not recycle waste water into the fresh water tank.
- Use caution when handling hot water. The water temperature can reach up to 117°F.
- Secure the unit using the locking casters when in a stationary position to prevent accidental movement.
- Only use liquid soap in the provided dispenser.

## SETUP

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1. **Unpacking and Placement:** Carefully remove the E-Sink from its packaging. Place the unit on a level, stable surface in the desired location. Ensure adequate clearance around the unit for operation and maintenance. Lock the 5-inch casters to secure the unit.
2. **Accessing Internal Components:** Unlock and open the front doors of the cabinet to access the fresh and waste water tanks, pump, and electrical connections.



Figure 1: Cabinet lock and handle.

### 3. Connecting Water Tanks:

- Locate the 5-gallon fresh water tank and the 7-gallon waste water tank inside the cabinet.
- Fill the fresh water tank with clean, potable water.
- Connect the fresh water supply hose from the pump to the fresh water tank. Ensure a secure connection.
- Ensure the waste water hose is properly connected to the waste water tank.



Figure 2: Fresh and waste water tanks inside the cabinet.



Figure 3: Water pump and plumbing connections.

- Power Connection:** Plug the unit's power cord into a dedicated 110V, 20 amp grounded electrical outlet. The unit features a GFCI outlet for safety.



Figure 4: GFCI electrical outlet.

- Soap and Paper Towel Dispensers:** Fill the deck-mounted soap dispenser with liquid hand soap. Load the paper towel dispenser with appropriate Z-fold paper towels.
- Initial System Prime:** After connecting water tanks and power, turn on the unit. Run water through the faucet for a few moments to prime the pump and remove any air from the lines.

Your browser does not support the video tag.

Video 1: Overview of the Paragon E-Sink Portable Electric Heated Handwashing Station, demonstrating setup and operation. (Duration: 0:49)

1. **Power On:** Ensure the unit is plugged in and the internal power switch (if present, typically on the GFCI outlet) is in the ON position. The water heater will begin heating water to the set temperature.
2. **Adjusting Water Temperature:** The water heater has an adjustable thermostat. Access the heater unit (refer to Figure 5 for location) to set the desired water temperature between 110-117°F.



Figure 5: Water heater unit inside the cabinet.

### 3. Handwashing:

- Turn on the faucet using the paddle handles. Hot and cold water can be mixed to achieve a comfortable temperature.
- Dispense liquid soap from the integrated dispenser.
- Wash hands thoroughly.
- Rinse hands under running water.
- Dry hands with a paper towel from the dispenser.



Figure 6: Faucet and sink basin in operation.



Figure 7: Complete sink top view with dispensers.

## MAINTENANCE

- **Cleaning the Cabinet and Sink:** Regularly wipe down the stainless steel cabinet and sink basin with a mild detergent and a soft cloth. Avoid abrasive cleaners or scouring pads that can scratch the surface.
- **Emptying Waste Water Tank:** The 7-gallon waste water tank should be emptied regularly to prevent overflow and maintain hygiene. Disconnect the waste water hose, remove the tank, and dispose of the contents according to local regulations. Reconnect the tank securely.
- **Refilling Fresh Water Tank:** Monitor the fresh water level. When low, refill the 5-gallon fresh water tank with clean, potable water. Ensure the fresh water hose is securely connected after refilling.
- **Soap and Paper Towel Refill:** Replenish soap and paper towels as needed to ensure continuous operation.
- **Water Heater Element Check:** Periodically inspect the water heater's replaceable heating element for signs of wear or corrosion. Consult a qualified technician for replacement if necessary.
- **General Inspection:** Regularly check all hoses, connections, and electrical cords for any signs of damage or leaks. Address any issues promptly.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No water flow from faucet.	<ul style="list-style-type: none"> <li>• Fresh water tank is empty.</li> <li>• Pump is not powered.</li> <li>• Hose kinked or disconnected.</li> </ul>	<ul style="list-style-type: none"> <li>• Refill fresh water tank.</li> <li>• Check power connection and internal switch.</li> <li>• Inspect and reconnect hoses.</li> </ul>
No hot water.	<ul style="list-style-type: none"> <li>• Water heater not powered.</li> <li>• Thermostat set too low.</li> <li>• Heating element failure.</li> </ul>	<ul style="list-style-type: none"> <li>• Check power to the unit and GFCI.</li> <li>• Adjust thermostat to a higher setting.</li> <li>• Contact customer support for element replacement.</li> </ul>
Water leaking from unit.	<ul style="list-style-type: none"> <li>• Loose hose connection.</li> <li>• Damaged tank or hose.</li> <li>• Waste water tank full.</li> </ul>	<ul style="list-style-type: none"> <li>• Tighten all hose connections.</li> <li>• Inspect for damage; replace if necessary.</li> <li>• Empty waste water tank.</li> </ul>

## SPECIFICATIONS

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Feature	Detail
Brand	Paragon
Model Number	4480
Product Dimensions (WxDxH)	25.5" W x 18.25" D x 37.5" H
Weight	90 pounds
Material	Heavy Gauge Stainless Steel Cabinet
Water Heater Wattage	1500 watts
Electrical Connection	110-120V, 20 amp grounded outlet
Water Heater Temperature Range	110-117°F (adjustable)
Fresh Water Tank Capacity	5 gallons
Waste Water Tank Capacity	7 gallons
Water Pump Pressure	150 psi
Casters	5-inch locking swivel casters
Cord Length	10 feet

## WARRANTY AND SUPPORT

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The Paragon E-Sink Portable Electric Heated Handwashing Station is manufactured by Paragon. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your product or contact Paragon customer support directly.

For technical assistance, troubleshooting, or to order replacement parts, please contact Paragon International, Inc. customer service. Contact information can typically be found on the manufacturer's website or in the product packaging.

*Note: Unauthorized service or modifications may void your warranty.*

