

Jet Tech F-16DP

Jet Tech F-16DP High Temp Undercounter Dishwasher User Manual

Model: F-16DP

INTRODUCTION

Thank you for choosing the Jet Tech F-16DP High Temp Undercounter Dishwasher. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new commercial dishwasher. Please read this manual thoroughly before operating the appliance and retain it for future reference.

The F-16DP is a high-performance, undercounter dishwasher designed for commercial environments, featuring durable stainless steel construction and high-temperature washing capabilities to ensure optimal hygiene and cleaning results.

SAFETY INFORMATION

WARNING: To reduce the risk of fire, electric shock, or injury, read all instructions before operating this appliance.

- Ensure the dishwasher is properly grounded according to local electrical codes.
- Do not operate the dishwasher if it is damaged or malfunctioning. Contact qualified service personnel.
- Keep all detergents and rinse aids out of reach of children and pets. Use only commercial-grade detergents suitable for high-temperature dishwashers.
- Exercise caution when opening the door during or after a wash cycle, as hot steam may escape.
- Do not allow children to play with or in the dishwasher.
- This appliance is intended for commercial use only.
- **California Residents:** This product may expose you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov.

PRODUCT OVERVIEW

The Jet Tech F-16DP is an efficient and robust undercounter dishwasher designed for demanding commercial kitchen environments.



Figure 1: Front view of the Jet Tech F-16DP High Temp Undercounter Dishwasher. This image displays the stainless steel exterior and front-loading door design.

Key Features:

- **Construction:** Stainless steel double wall construction for durability and insulation.
- **Design:** Front loading door type with an undercounter design.
- **Insulation:** Insulated top and side panels for energy efficiency.
- **Capacity:** Capable of washing up to 24 racks per hour.
- **Racks Included:** One (1) flat 16" x 16" rack and one (1) 16" x 16" (16)-compartment angled glassware rack (fits glasses up to 10" high).
- **Temperature:** High temperature wash with a built-in electric booster heater.
- **Operation:** Fully automatic with an integrated front control panel featuring analog temperature gauges.
- **Pumps:** Built-in detergent and rinse additive pumps, and a built-in auto-drain pump.
- **Energy Efficiency:** ENERGY STAR certified.

What's in the Box:

- Jet Tech F-16DP Dishwasher Unit
- One (1) flat 16" x 16" rack
- One (1) 16" x 16" (16)-compartment angled glassware rack

SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your dishwasher. It is recommended that installation be performed by a qualified technician.

1. **Location:** Choose a suitable undercounter location with adequate space for the unit (Dimensions: 20.25"D x 20.25"W x 29.5"H). Ensure proper ventilation and access for maintenance.
2. **Electrical Connection:** The unit requires a 208-240V/60/1-ph electrical supply with 12.9 amps. Connect the dishwasher to a dedicated, grounded electrical circuit as per local electrical codes.
3. **Water Supply:** Connect the dishwasher to a hot water supply. Ensure the water pressure is within the recommended range for commercial dishwashers.
4. **Drain Connection:** Connect the built-in auto-drain pump to a suitable drain line. Ensure proper slope for efficient drainage.
5. **Detergent and Rinse Aid:** Connect the built-in detergent and rinse additive pumps to their respective chemical containers. Follow manufacturer guidelines for chemical types and concentrations.
6. **Leveling:** Level the dishwasher using the adjustable feet to ensure stable operation and proper drainage.
7. **Initial Fill:** After all connections are secure, turn on the water supply and power. The unit will automatically fill the tank.

OPERATING INSTRUCTIONS

The F-16DP is designed for user-friendly, automatic operation.

1. **Pre-Scrape Dishes:** Before loading, scrape off large food particles from dishes and glassware.
2. **Load Racks:** Place dishes and glassware into the provided 16" x 16" racks. Ensure items are not overlapping and water can reach all surfaces. Load glasses up to 10" high in the angled glassware rack.
3. **Close Door:** Securely close the front-loading door.
4. **Select Cycle:** Use the integrated front control panel to select the desired wash cycle. Available options include:
 - **Normal:** For everyday dishware and glassware.
 - **Intensive:** For heavily soiled bakeware and stubborn food residues.
 - **Rinse:** For a quick rinse cycle without detergent.
5. **Start Cycle:** Press the start button. The dishwasher will automatically proceed through the selected cycle, including pre-wash, high-temperature wash, rinse, and final rinse with booster heater. Analog temperature gauges will display current temperatures.
6. **Unload:** Once the cycle is complete, carefully open the door and allow steam to dissipate before unloading the clean, sanitized items.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your dishwasher.

- **Daily Cleaning:**
 - After the last cycle of the day, activate the auto-drain function to empty the wash tank.
 - Remove and clean the filter screens to prevent clogs and ensure proper water circulation.
 - Wipe down the interior and exterior stainless steel surfaces with a damp cloth and mild, non-abrasive cleaner.
- **Weekly Cleaning:**
 - Inspect and clean the wash arms for any clogged nozzles.
 - Check and refill detergent and rinse aid containers as needed.
- **Descaling:** Periodically descale the machine to remove mineral buildup, especially in hard water areas. Consult a qualified technician or your chemical supplier for appropriate descaling procedures and products.
- **Professional Service:** Schedule regular professional maintenance checks to ensure all components, including pumps, heating elements, and seals, are in good working order.

TROUBLESHOOTING

Before contacting service, review the following common issues and solutions.

Problem	Possible Cause	Solution
Dishwasher does not start	No power; Door not closed properly; Circuit breaker tripped.	Check power supply; Ensure door is securely latched; Reset circuit breaker.
Dishes are not clean	Improper loading; Clogged spray arms; Insufficient detergent; Water temperature too low.	Reload racks correctly; Clean spray arm nozzles; Check detergent levels; Verify booster heater is functioning.
Water not draining	Clogged drain filter; Kinked drain hose; Drain pump malfunction.	Clean drain filter; Straighten drain hose; Contact service if pump is faulty.
Excessive noise	Items obstructing wash arms; Loose components; Pump issue.	Ensure nothing is blocking wash arms; Check for loose parts; Contact service if pump noise persists.

If the problem persists after attempting these solutions, please contact qualified service personnel.

SPECIFICATIONS

- **Model:** F-16DP
- **Form Factor:** Built-In, Undercounter
- **Construction Material:** Stainless Steel
- **Dimensions (D x W x H):** 20.25" x 20.25" x 29.5"
- **Capacity:** 24 racks per hour
- **Tank Capacity:** 3.0 gallons
- **Booster Capacity:** 0.79 gallons
- **Booster Heater:** 2.4 kW electric booster
- **Wash Pump:** 1/2 HP
- **Electrical Requirements:** 208-240V/60Hz/1-ph, 12.9 Amps
- **Cycle Options:** Normal, Intensive, Rinse
- **Special Features:** Built-in detergent and rinse additive pumps, built-in auto-drain pump, analog temperature

gauges.

- **Certifications:** ENERGY STAR, CE, cULus, UL-EPH

WARRANTY AND SUPPORT

For specific warranty details, please refer to the warranty card included with your purchase or contact Jet Tech customer service.

For technical support, parts, or service inquiries, please contact your authorized Jet Tech dealer or visit the official Jet Tech website. When contacting support, please have your model number (F-16DP) and serial number ready.

