

Donper XF124

Donper XF124 Frozen Drink Machine User Manual

Model: XF124

1. PRODUCT OVERVIEW

The Donper XF124 is a self-contained, air-cooled countertop frozen drink machine designed for high-volume applications. It offers superior performance and user-friendly operation, making it ideal for serving a variety of frozen beverages.

Key features include a refrigerated hopper for fast recovery and freeze times, mechanical consistency control, and electronic safety sensors. Its all-stainless steel exterior ensures durability and ease of cleaning.



Figure 1.1: Front view of the Donper XF124 Frozen Drink Machine, showcasing the dispensing handle, backlit signage, and control panel.

2. SAFETY INSTRUCTIONS

Before operating the Donper XF124, please read and understand all safety instructions. Failure to do so may result in injury or damage to the machine.

- Always ensure the machine is properly grounded.
- Do not operate the machine with damaged power cords or plugs.
- Keep hands and foreign objects away from moving parts during operation.
- Disconnect power before cleaning or performing maintenance.

- Ensure adequate ventilation around the machine. Maintain at least 6 inches of clearance from walls or other equipment.
- Do not use abrasive cleaners or sharp objects that could damage the stainless steel exterior.
- This machine is designed for commercial use. Only qualified personnel should perform repairs.



Figure 2.1: Left side view of the Donper XF124, showing the ventilation grilles and a warning label with safety information.

3. SETUP AND INSTALLATION

1. **Unpacking:** Carefully remove the machine from its packaging. Inspect for any shipping damage. Report any damage to your supplier immediately.
2. **Placement:** Place the machine on a stable, level countertop capable of supporting its weight (189 pounds). Ensure there is at least 6 inches of clear space around all sides for proper air circulation.
3. **Power Connection:** Connect the machine to a dedicated 115V, single-phase, 60 Hz electrical outlet with an L5-20P plug type. Do not use extension cords.
4. **Initial Cleaning:** Before first use, thoroughly clean all parts that will come into contact with the product mix,

including the hopper, freezing cylinder, and dispensing valve. Refer to the "Maintenance and Cleaning" section for detailed instructions.



Figure 3.1: Dimensions of the Donper XF124, illustrating its compact countertop design: 30 inches high, 15 inches wide, and 28.5 inches deep.

4. OPERATING INSTRUCTIONS

1. **Prepare Mix:** Prepare your frozen drink mix according to the recipe. Ensure the mix is properly chilled before adding it to the machine for optimal performance.
2. **Fill Hopper:** Pour the prepared mix into the refrigerated hopper. The hopper has a capacity of 19 Qt (18 L). Do not overfill.
3. **Activate Hopper Cooling:** Turn the "HOPPER COOLING" switch to the "ON" position. This precools the mix, leading to faster recovery and freeze times.
4. **Start Freezing:** Turn the main power switch to the "ON" position. The machine will begin the freezing process.

The mechanical consistency control will ensure the desired frozen drink consistency.

5. **Dispensing:** Once the mix reaches the desired consistency, pull the dispensing handle forward to serve. Release the handle to stop dispensing.
6. **Mix Low Indicator:** The "MIX LOW" indicator light will illuminate when the mix level in the hopper is low, signaling that a refill is needed.



Figure 4.1: Close-up of the control panel, showing the ON-OFF-CLEAN switch, MIX LOW indicator, and HOPPER COOLING switch.

5. MAINTENANCE AND CLEANING

Regular cleaning and maintenance are crucial for the longevity and hygienic operation of your Donper XF124 machine.

Daily Cleaning:

1. **Empty Machine:** Dispense any remaining product mix.
2. **Power Off:** Turn the main power switch to "OFF" and unplug the machine.
3. **Disassemble:** Carefully remove the dispensing handle, front panel, and internal components (beater, seals, etc.).
4. **Wash Components:** Wash all disassembled parts with warm, soapy water. Use a soft brush for hard-to-reach areas. Rinse thoroughly with clean water.
5. **Sanitize:** Sanitize all washed parts using a food-grade sanitizer solution according to the manufacturer's instructions.
6. **Clean Exterior:** Wipe down the stainless steel exterior with a damp cloth and mild detergent. Dry thoroughly to prevent water spots.
7. **Reassemble:** Reassemble all components, ensuring they are dry and correctly seated.

Periodic Maintenance:

- **Lubrication:** Periodically lubricate O-rings and seals with food-grade lubricant to ensure smooth operation and prevent leaks.
- **Air Filter Cleaning:** Regularly clean the air filters located on the side panels to ensure proper airflow and cooling efficiency.
- **Professional Inspection:** It is recommended to have the machine inspected by a qualified technician annually to check refrigerant levels, motor performance, and overall system health.



Figure 5.1: Front-right view of the Donper XF124, showing the side ventilation and the general layout for access during cleaning.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Machine not freezing	Power not connected Hopper cooling off Insufficient mix in hopper Dirty air filters Ambient temperature too high	Check power connection and circuit breaker. Turn "HOPPER COOLING" switch ON. Add more mix to the hopper. Clean air filters. Ensure machine is in a well-ventilated area.

Problem	Possible Cause	Solution
Mix too thin/thick	Incorrect mix ratio Consistency control setting	Adjust mix concentration. Consult service manual for consistency adjustment.
"MIX LOW" indicator on	Low product mix level	Refill hopper with prepared mix.
Unusual noise	Loose components Motor/belt issue (electronic safety sensor activated)	Inspect and secure any loose parts. Disconnect power and contact qualified service personnel.

For issues not listed above, or if troubleshooting steps do not resolve the problem, please contact customer support.

7. SPECIFICATIONS

Attribute	Value
Model Name	XF124
Brand	Donper
Power Source	Corded Electric
Operation Mode	Automatic
Voltage	115V
Phase	Single
Rated Input Power	14.6A
Main Compressor	3/4 horsepower
Drive Motor	1/2 horsepower
Hertz	60 Hz
Plug Type	L5-20P
Freezing Cylinder Capacity	6.5 Qt (6.2 L)
Refrigerated Hopper Capacity	19 Qt (18 L)
Product Dimensions (HxWxD)	30 x 15 x 28.5 inches
Item Weight	189 pounds
Material	Stainless Steel
Color	Silver

8. WARRANTY AND SUPPORT

Donper provides support for its products. For technical assistance, parts, or service, please contact Donper customer support.

Extended protection plans are available for purchase, offering additional coverage beyond the standard manufacturer's warranty. These include:

- 3-Year Protection Plan
- 4-Year Protection Plan

For specific warranty terms and conditions, please refer to the documentation provided at the time of purchase or contact Donper directly.

Customer Support: Refer to your purchase documentation for contact information or visit the official Donper website.