

## Fridgemaster FMDH50PJX

# Fridgemaster 50 Pint Dehumidifier User Manual

Model: FMDH50PJX

## 1. INTRODUCTION

Thank you for choosing the Fridgemaster 50 Pint Dehumidifier. This appliance is designed to efficiently remove excess moisture from your indoor environment, creating a more comfortable and healthier living space. It features a built-in pump for continuous drainage, multiple operating modes, and an adjustable humidistat. Please read this manual thoroughly before operating your dehumidifier to ensure safe and effective use.





Figure 1.1: Frigdemaster 50 Pint Dehumidifier

## 2. SAFETY INFORMATION

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To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- Always plug the unit into a grounded electrical outlet.
- Do not operate the dehumidifier if the power cord or plug is damaged.
- Do not block the air intake or exhaust vents.
- Ensure the water bucket is correctly installed before operation.
- Do not use the appliance in areas where flammable gases or combustible materials are present.
- Keep children and pets away from the unit during operation.
- Unplug the unit before cleaning or performing any maintenance.

## 3. PRODUCT FEATURES

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The Frigdemaster 50 Pint Dehumidifier is equipped with several features designed for optimal performance and user convenience:

- **Efficient Moisture Removal:** Capable of removing up to 50 Pint (6.5L) of moisture per day, suitable for spaces up to 4500 square feet.
- **Low Noise Airflow System:** Operates quietly at just 47 dB(A) on 'Low' fan setting.
- **All-Season Performance:** Reliable operation in temperatures as low as 38°F.
- **Flexible Water Disposal Options:** Features a slide-out internal bucket for manual emptying or a quick-connect hose for continuous drainage.
- **User-Friendly Controls:** Easy-to-use adjustable humidistat for precise humidity control.
- **Filter Monitor:** Indicates when the washable filter needs cleaning.

- **Energy Efficient:** Energy Star certified for reduced energy consumption.
- **Programmable Timer:** 24-hour on/off timer for scheduled operation.
- **Full-Tank Alert/Shutoff:** Automatically stops operation when the water bucket is full.

## 4. COMPONENTS AND CONTROLS

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Familiarize yourself with the main components and control panel of your dehumidifier:

### 4.1. Unit Components



Figure 4.1: Front View (showing air intake, control panel, water bucket)



Figure 4.2: Rear View (showing air filter, continuous drain port, power cord)



Figure 4.3: Removable Water Bucket

## 4.2. Control Panel



Figure 4.4: Control Panel Layout

The control panel features a digital display and various buttons for setting and monitoring the dehumidifier's functions:

- **Digital Display:** Shows current humidity level, set humidity, timer settings, and error codes.
- **Power Button:** Turns the unit on or off.
- **Mode Button:** Cycles through operating modes: Auto Dry, Continuous, Manual Set.
- **Timer Button:** Sets the 24-hour on/off timer.
- **Fan Button:** Adjusts fan speed (High/Low).
- **Pump Button:** Activates or deactivates the internal pump for continuous drainage.
- **Clean Filter Indicator:** Illuminates when the air filter needs cleaning.
- **Humidity Up/Down Buttons (+/-):** Adjusts the desired humidity level in Manual Set mode.
- **Empty Bucket Indicator:** Illuminates when the water bucket is full and needs to be emptied.

## 5. SETUP

Follow these steps for initial setup of your dehumidifier:

1. **Unpacking:** Carefully remove the dehumidifier from its packaging. Retain packaging materials for future storage or transport.
2. **Placement:** Place the unit on a flat, level surface in an area where the temperature will not fall below 38°F (3°C). Ensure there is at least 8 inches (20 cm) of space around the unit for proper air circulation. Do not place it near heat-generating appliances or in direct sunlight.
3. **Power Connection:** Plug the power cord into a grounded 115V AC, 60Hz electrical outlet.
4. **Water Drainage Options:**
  - **Manual Drainage (Bucket):** The unit will collect water in the internal bucket. When full, the 'Empty Bucket' indicator will light up, and the unit will automatically shut off.
  - **Continuous Drainage (Hose):** For continuous operation without emptying the bucket, connect a standard garden

hose (not included) to the continuous drain port on the back of the unit. Ensure the hose is sloped downwards to a floor drain or suitable receptacle.

- **Pump Drainage (Included Hose):** For vertical drainage, connect the included quick-connect hose to the pump drain port. The internal pump can discharge water up to 15 feet vertically. Ensure the hose is securely connected and directed to a sink or basement window.

## 6. OPERATING INSTRUCTIONS

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Operating your Fridgemaster dehumidifier is straightforward:

### 6.1. Power On/Off

- Press the **POWER** button to turn the unit on or off.

### 6.2. Setting Desired Humidity Level

- When the unit is on, press the **MODE** button until 'Manual Set' is selected.
- Use the **+** or **-** buttons to set your desired humidity level between 35% RH and 85% RH in 5% increments. The unit will operate until the set humidity is reached, then cycle on and off to maintain it.

### 6.3. Operating Modes

- Press the **MODE** button to cycle through:
  - **Auto Dry:** The unit automatically sets the humidity to 50% RH and adjusts fan speed.
  - **Continuous:** The unit runs continuously regardless of humidity level. Ideal for very damp conditions.
  - **Manual Set:** Allows you to manually set the desired humidity level.

### 6.4. Fan Speed

- Press the **FAN** button to switch between High and Low fan speeds.

### 6.5. Timer Function

- **Auto-On Timer:** With the unit off, press **TIMER**. Use **+** or **-** to set the desired auto-on time (1-24 hours).
- **Auto-Off Timer:** With the unit on, press **TIMER**. Use **+** or **-** to set the desired auto-off time (1-24 hours).

### 6.6. Pump Function

- If using the pump drainage option, press the **PUMP** button to activate the internal pump. The pump indicator light will illuminate.

## 7. MAINTENANCE

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Regular maintenance ensures efficient operation and extends the life of your dehumidifier.

### 7.1. Emptying the Water Bucket

- When the water bucket is full, the 'Empty Bucket' indicator will light up, and the unit will stop operating.
- Carefully pull out the water bucket from the front of the unit.
- Empty the collected water.
- Slide the bucket back into the unit until it clicks into place. The unit will resume operation.

### 7.2. Cleaning the Air Filter

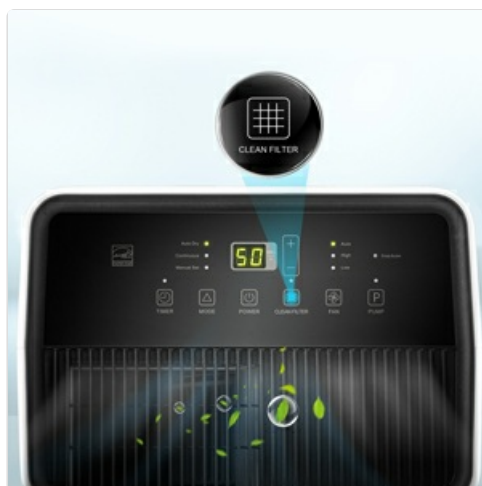


Figure 7.1: Clean Filter Indicator

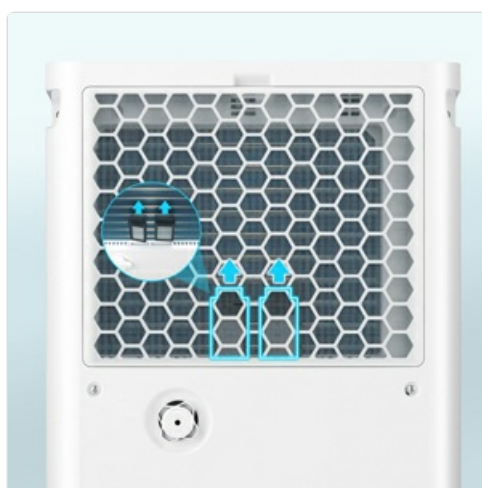


Figure 7.2: Air Filter Location

- The 'Clean Filter' indicator will light up after approximately 250 hours of operation.
- Turn off and unplug the unit.
- Remove the air filter from the rear of the unit.
- Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinstalling.
- Reinstall the dry filter and plug in the unit. Press the 'Clean Filter' button (or Power button on some models) to reset the indicator.

### 7.3. Storage

- If storing the unit for an extended period, ensure the water bucket is empty and clean.
- Clean the air filter.
- Coil the power cord neatly.
- Store the unit in an upright position in a cool, dry place, away from direct sunlight and extreme temperatures.

## 8. TROUBLESHOOTING

Before contacting customer service, please refer to the following table for common issues and their solutions:

Problem	Possible Cause	Solution
Dehumidifier does not turn on.	No power; Water bucket full or not properly inserted; Temperature too low.	Check power cord connection; Empty and reinsert water bucket; Ensure room temperature is above 38°F (3°C).

Problem	Possible Cause	Solution
Unit runs but does not dehumidify.	Air filter clogged; Room temperature too low; Humidity setting too high.	Clean air filter; Ensure room temperature is adequate; Lower the desired humidity setting.
Unit is noisy.	Unit not level; Air filter clogged; Obstruction in fan.	Place unit on a level surface; Clean air filter; Check for and remove any obstructions.
Water leaks from unit.	Water bucket not properly seated; Continuous drain hose loose or clogged.	Reinsert water bucket correctly; Check hose connection and clear any blockages.
Error Code E9 displayed.	Indicates a sensor error or malfunction.	Unplug the unit for 5 minutes, then plug it back in. If the error persists, contact customer support.

## 9. SPECIFICATIONS

Key technical specifications for the Fridgemaster 50 Pint Dehumidifier:

Specification	Value
Brand	Fridgemaster
Model Number	FMDH50PJX
Colour	White
Product Dimensions	35 x 27 x 66 cm (13.8 x 10.6 x 26 inches)
Item Weight	19.7 kg (43.4 lbs)
Capacity (Moisture Removal)	50 Pint (6.5 liters) per day
Number of Speeds	2 (High, Low)
Special Features	Digital Display, Built-in Pump
Floor Area Coverage	Up to 4500 Square Feet
Energy Certification	Energy Star

## 10. WARRANTY AND SUPPORT

This Fridgemaster dehumidifier comes with a **1-year Exchange Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any questions regarding your product, please contact Fridgemaster customer service. Please have your model number (FMDH50PJX) and proof of purchase readily available when contacting support.





- Low Noise Airflow System**  
High performance centrifugal fan ensures quiet operation as low as 48db(A)

**Energy Efficient**  
Energy Star means it's more energy efficient and helps reduce your utility bill.

**Energy Efficient**  
Energy Star means it's more energy efficient and helps reduce your utility bill.

**Filter Monitor**  
Washable filter helps to reduce bacteria, odors, and particles.

**Warranty**  
1-Year Exchange

Frigidmaster Dehumidifiers quietly collect water into the slide-out internal bucket, or can discharge the water via connecting a garden hose (not included) through the side of the cabinet. Reliable and eco-friendly this dehumidifier can operate at temperatures as low as 38°F. Easy control and the very low sound level make this a versatile choice. Additional features include an adjustable humidistat, easy accessible and washable filter, and full-tank alert.

New DCB test procedures, equivalent to previous 3D Pad®

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- Système de circulation d'air silencieux**  
Un ventilateur centrifuge haute performance assure un fonctionnement silencieux jusqu'à 48 Db (A)

**Efficacité énergétique**  
La certification Energy Star signifie qu'il est plus éconergétique et permet de réduire votre facture

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La certification Energy Star signifie qu'il est plus éconergétique et permet de réduire votre facture

Moniteur de fil  
Le filtre lavable

**Garantie**  
Echange sur 1 an

**calme** Le déshumidificateur Fridgemaster collecte discrètement de l'eau dans leseau interne coulissant, ou peut déverser l'eau au moyen d'un tuyau d'arrosage (non inclus) branché sur le côté de l'armoire. Fiable et écologique, ce déshumidificateur peut fonctionner à des températures aussi basses que 38° F. Un contrôle facile et son fonctionnement très silencieux en font un choix polyvalent. Les autres caractéristiques comprennent un humidostat réglable, un filtre accessible et lavable, et une alerte de bas niveau.

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Product ID	Product Name	Assembly	Package Size	Lead time (days)
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