

## FRAL FDC32

# Fral FDC32 Semi-Professional Portable Dehumidifier User Manual

Model: FDC32 | Brand: FRAL

## INTRODUCTION

The Fral FDC32 is a professional dehumidifier designed with high-quality materials, manufactured in Italy to regulate condensation and remove humidity in homes or other indoor environments. This professional dehumidifier is equipped with 4 swivel casters, allowing you to utilize its portable performance wherever needed. It is suitable for dehumidifying offices, industrial or artisanal workspaces, and naturally humid environments like food laboratories, laundries, bathrooms, and swimming pools. It also helps prevent condensation mold in archives and libraries, and controls dry air spaces in commercial settings.

A dehumidifier's primary function is to reduce air humidity levels, often for hygienic reasons. The Fral FDC32 dehumidifier can mitigate the proliferation of mold, bacteria, and other microorganisms that could cause health damage, environmental issues, and material degradation. Preventing humidity-related damage in warehouses or industries is crucial, and professional dehumidifiers like the Fral FDC32 are effective tools. Maintaining optimal humidity in your home or work environment leads to improved health conditions, reduced environmental pollution, and a healthy living space. In domestic settings, this machine can also be used as a drying dehumidifier. The Fral FDC32 can serve as an industrial dehumidifier, improving environmental conditions across various sectors including construction, food, industry, wellness, and fitness.

## SAFETY INSTRUCTIONS

Please read all safety instructions carefully before operating the dehumidifier. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always connect the unit to a properly grounded electrical outlet.
- Do not operate the dehumidifier with a damaged cord or plug.
- Do not block air inlets or outlets. Ensure adequate space around the unit for proper airflow.
- Do not use the unit near water or in excessively wet environments (e.g., standing water).
- Unplug the unit before cleaning, moving, or performing any maintenance.
- Keep children and pets away from the unit during operation.
- Do not insert fingers or foreign objects into the air inlets or outlets.
- Ensure the water tank is correctly installed before operation to prevent leaks.

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

## PRODUCT OVERVIEW

---



*Figure 1: Fral FDC32 portable dehumidifier, white, with control panel and wheels. An image showing the Fral FDC32 portable dehumidifier. It is a white, rectangular unit with a front grille, a control panel at the top, and four swivel wheels at the base for easy mobility. A black handle is visible on the side.*

### Key Features:

- **High-Quality Construction:** Designed with durable materials for long-lasting performance.
- **Portability:** Equipped with 4 swivel casters for easy movement between locations.
- **Versatile Application:** Suitable for domestic, office, industrial, and specialized humid environments.
- **Humidity Control:** Effectively reduces air humidity to prevent mold, bacteria, and material damage.
- **Quiet Operation:** Designed for low noise levels during use.
- **Power:** 230V single-phase connection with a maximum power of 420W.

## SETUP

---

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, stable surface. Ensure there is at least 20 cm (8 inches) of space around all sides of the unit for proper air circulation. Do not place it against a wall or furniture that could obstruct airflow.
3. **Power Connection:** Plug the power cord into a grounded 230V electrical outlet. Ensure the outlet is suitable for the unit's power requirements.
4. **Water Tank Installation:** Ensure the water collection tank is correctly inserted into its designated slot. The unit will not operate if the tank is full or improperly installed.
5. **Continuous Drainage (Optional):** For continuous operation without emptying the tank, connect a suitable drain hose (not included) to the continuous drainage port. Ensure the hose is sloped downwards to allow gravity drainage into a floor drain or larger container.

## OPERATING INSTRUCTIONS

---

1. **Power On:** Press the Power button on the control panel to turn on the dehumidifier.

2. **Set Desired Humidity:** Use the humidity control buttons (usually marked with '+' and '-') to set your desired humidity level. A common comfortable range is between 40% and 60% relative humidity. The unit will operate until the set humidity level is reached, then cycle on and off to maintain it.
3. **Fan Speed (if applicable):** If your model has fan speed settings, select the desired fan speed (e.g., Low, High). Higher fan speed will dehumidify faster but may be louder.
4. **Timer Function (if applicable):** To set a specific operating duration, use the Timer button. Refer to the control panel diagram for specific timer settings.
5. **Water Tank Full Indicator:** When the water tank is full, the unit will automatically shut off, and an indicator light will illuminate. Empty the tank and reinsert it to resume operation.
6. **Continuous Drainage:** If you have set up continuous drainage, the unit will operate without needing to empty the tank manually. Periodically check the drainage hose for kinks or blockages.
7. **Power Off:** Press the Power button again to turn off the unit.

## MAINTENANCE

---

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

### 1. Cleaning the Air Filter:

- **Frequency:** Clean the air filter every two weeks, or more frequently if the unit is used in a dusty environment.
- **Procedure:**
  - a. Unplug the dehumidifier from the power outlet.
  - b. Locate and remove the air filter (usually at the back or side of the unit).
  - c. Wash the filter with warm, soapy water. Rinse thoroughly.
  - d. Allow the filter to air dry completely before reinserting it. Do not use a dryer or direct heat.

### 2. Emptying and Cleaning the Water Tank:

- **Frequency:** Empty the tank when the "Tank Full" indicator illuminates. Clean the tank monthly or as needed.
- **Procedure:**
  - a. Unplug the dehumidifier.
  - b. Carefully pull out the water tank.
  - c. Empty the collected water.
  - d. Clean the inside of the tank with a mild detergent and warm water to prevent mold and mildew growth. Rinse thoroughly.
  - e. Reinsert the clean, empty tank firmly into the unit.

### 3. External Cleaning:

- Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

## TROUBLESHOOTING

---

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply. Water tank full or improperly installed. Power button not pressed.	Check power cord connection and outlet. Empty and properly reinsert the water tank. Press the Power button firmly.
Dehumidifier not collecting water or not reducing humidity.	Air filter clogged. Room temperature too low. Humidity setting too high. Unit size too small for the room.	Clean the air filter. Dehumidifiers are less effective below 5°C (41°F). Lower the desired humidity setting. Ensure the unit is appropriately sized for the area.
Unit is noisy.	Unit not on a level surface. Air filter clogged. Obstruction in fan.	Place the unit on a flat, stable surface. Clean the air filter. Check for and remove any obstructions. If noise persists, contact support.
Water leaking from unit.	Water tank improperly installed. Continuous drainage hose kinked or blocked.	Remove and reinsert the water tank correctly. Check the drainage hose for kinks, blockages, or improper slope.

## SPECIFICATIONS

Brand	FRAL
Model Number	FDC32
Product Dimensions (L x W x H)	33 x 32 x 66 cm (13 x 12.6 x 26 inches)
Item Weight	28 Kilograms (61.7 lbs)
Capacity (Water Tank)	9 Litres
Dehumidification Volume	32 Litres per 24 hours
Power	580 Watts
Voltage	230 Volts
Material	Plastic
Noise Level	43 dB
Special Feature	Portable

## WARRANTY AND SUPPORT

Information regarding specific warranty terms and direct manufacturer support contacts is not available in the provided

product data. Please refer to the product packaging or the manufacturer's official website for detailed warranty information and customer support options.

For general inquiries or assistance, you may contact the seller, GRANDIN GROUP, through the Amazon platform where the product was purchased.

