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COMFEE' CF-DEHU-20

COMFEE' CF-DEHU-20 Dehumidifier User Manual

Model: CF-DEHU-20

1. INTRODUCTION

Thank you for choosing the COMFEE' CF-DEHU-20 Dehumidifier. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your appliance. Please read these instructions thoroughly before use and retain them for future reference.

The COMFEE' CF-DEHU-20 is designed to remove excess moisture from the air, helping to prevent mold, mildew, and other humidity-related issues in your home. It features smart dehumidification, a washable filter, and convenient mobility with swivel wheels.

2. SAFETY INSTRUCTIONS

Important: Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury.

- Ensure the power supply matches the voltage specified on the dehumidifier's rating label.
- Do not operate the unit with a damaged cord or plug.
- Do not block air inlets or outlets. Maintain at least 20 cm (8 inches) clearance around the unit.
- 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.
- Do not use the dehumidifier in areas where flammable gases or liquids are stored.
- The appliance contains R290 refrigerant. R290 is a natural gas with high environmental compatibility, but it is also flammable. Handle with care and ensure proper ventilation.
- Always unplug the unit before cleaning or performing any maintenance.
- Do not tilt the unit more than 45 degrees or place it upside down.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your COMFEE' CF-DEHU-20 Dehumidifier.



Figure 1: Front view of the COMFEE' CF-DEHU-20 Dehumidifier. The image shows the white rectangular unit with a control panel on top, an air outlet grille, and a visible water level indicator on the front of the removable water tank.

3.1 Main Components

- **Control Panel:** Located on the top of the unit, with display and buttons for operation.
- **Air Outlet:** Top grille for expelling dry air.
- **Air Inlet / Filter:** Located at the rear (or sides), where air is drawn in and filtered.
- **Water Tank:** Removable tank at the bottom front for collecting condensed water. Features a water level indicator.
- **Integrated Handle:** For easy portability.
- **Swivel Wheels:** For convenient movement of the unit.

- **Continuous Drainage Port:** Located at the rear, for connecting a hose for continuous water removal.

3.2 Control Panel (Example Layout)

While specific button labels may vary, typical controls include:

- **Power Button:** Turns the unit On/Off.
- **Mode Button:** Selects operating modes (e.g., Smart Dehumidification, Continuous, Fan Only).
- **Humidity Setting Buttons:** Adjusts desired humidity level (Up/Down arrows).
- **Timer Button:** Sets the auto On/Off timer.
- **Fan Speed Button:** Adjusts fan speed (High/Low).
- **Display Screen:** Shows current humidity, set humidity, timer settings, and error codes.

4. SETUP

4.1 Unpacking

1. Carefully remove the dehumidifier from its packaging.
2. Remove all packing materials, tapes, and protective films.
3. Inspect the unit for any damage. If damaged, do not operate and contact customer support.

4.2 Placement

- Place the dehumidifier on a firm, level surface that can support its weight when the water tank is full.
- Ensure there is at least 20 cm (8 inches) of space around the unit for proper airflow. Do not place it against a wall or furniture that obstructs air circulation.
- For optimal performance, close all doors and windows in the room where the dehumidifier is operating.
- Avoid placing the unit near heat sources or in direct sunlight.

4.3 Power Connection

Plug the power cord into a grounded electrical outlet. Ensure the outlet meets the electrical requirements of the unit.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Press the **Power** button to turn the dehumidifier on or off.

5.2 Setting Desired Humidity (Smart Dehumidification)

1. Press the **Mode** button to select the desired operating mode. The "Smart Dehumidification" mode automatically monitors and adjusts humidity between 45% and 55%.
2. Alternatively, use the **Up/Down** arrow buttons to manually set a target humidity level between 30% and 80% in 5% increments. The unit will operate until the set humidity is reached, then cycle on and off to maintain it.

5.3 Timer Function

The timer allows you to set a period for the unit to automatically turn on or off.

- **Auto-Off Timer:** While the unit is running, press the **Timer** button. Use the **Up/Down** arrows to select the desired number of hours (1-24) after which the unit will turn off.
- **Auto-On Timer:** While the unit is off, press the **Timer** button. Use the **Up/Down** arrows to select the desired number of hours (1-24) after which the unit will turn on.

5.4 Fan Speed

Press the **Fan Speed** button to toggle between High and Low fan speeds.

5.5 Water Tank and Continuous Drainage

- **Emptying the Water Tank:** When the water tank is full, the unit will automatically shut off and an indicator light will illuminate. Carefully pull out the water tank, empty it, and reinsert it firmly until it clicks into place.
- **Continuous Drainage:** For extended operation without emptying the tank, connect a standard garden hose (not included) to the continuous drainage port at the rear of the unit. Ensure the hose is sloped downwards to allow gravity drainage into a suitable drain.

6. MAINTENANCE

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

6.1 Cleaning the Air Filter

The washable filter should be cleaned every two weeks or more frequently depending on usage and air quality.

1. Turn off the dehumidifier and unplug it from the power outlet.
2. Locate and remove the air filter (typically at the rear or side air inlet).
3. Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting. Do not use a dishwasher or expose to direct sunlight.
4. Reinstall the dry filter into the unit.

6.2 Cleaning the Unit Exterior

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals, abrasives, or solvents.

6.3 Long-Term Storage

If storing the unit for an extended period:

1. Empty the water tank and ensure it is clean and dry.
2. Clean the air filter.
3. Store the unit upright in a cool, dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Before contacting customer support, refer to the following table for common issues and solutions.

Problem	Possible Cause	Solution
Unit does not turn on.	No power; Power cord not plugged in; Water tank full.	Check power outlet; Plug in power cord securely; Empty water tank.
No water collected.	Room temperature too low; Humidity level too low; Air filter clogged; Unit in fan-only mode.	Ensure room temperature is above 5°C (41°F); Adjust desired humidity lower; Clean air filter; Select dehumidification mode.
Unit is noisy.	Unit not on a level surface; Air filter clogged.	Place unit on a flat, stable surface; Clean air filter.
Dehumidifier runs continuously.	Desired humidity set too low; Room is very humid.	Increase desired humidity setting; Allow more time for dehumidification.

8. SPECIFICATIONS

Brand	COMFEE'
Model Number	CF-DEHU-20
Dehumidification Capacity	20 Liters/day
Recommended Room Size	Up to 40 square meters
Water Tank Volume	3 Liters
Power Consumption	440 Watts
Refrigerant	R290
Dimensions (L x W x H)	35 x 24.5 x 51 cm
Weight	16.2 Kilograms
Special Features	Timer, Continuous Drainage, Smart Dehumidification, Washable Filter, Swivel Wheels

9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your purchase or visit the official COMFEE' website. Keep your proof of purchase for warranty claims.

If you encounter issues not covered in the troubleshooting section or require further assistance, please contact COMFEE' customer support. Contact details can typically be found on the manufacturer's website or in your product documentation.

