

Turbionaire EPI 12 WIFI

Turbionaire EPI 12 WIFI Dehumidifier User Manual

Model: EPI 12 WIFI | Brand: Turbionaire

1. INTRODUCTION

The Turbionaire EPI 12 WIFI is a compact dehumidifier designed to extract up to 12 liters of water per 24 hours, improving indoor comfort. It is suitable for various environments including homes, offices, basements, bathrooms, and garages, helping to prevent mold, unpleasant odors, and allergens associated with excessive humidity. The unit features an electronic hygostat for real-time humidity measurement and automatic regulation, or regulation based on a user-selected target value. Integrated Wi-Fi allows for remote control via the Smart Life application (Android & iOS) and voice control compatibility with Amazon Alexa and Google Assistant. The continuous dehumidification mode is suitable for drying laundry. An AUTO RESTART function ensures the unit resumes operation with previous settings after a power interruption. Its design includes 4 multi-directional wheels and an integrated ergonomic handle for easy movement. The touch panel and LED display provide control over fan speeds, timer settings, and operating modes (Auto, Continuous, SLEEP, Child Lock). The unit uses ecological R290 refrigerant and includes a continuous drainage hose.

2. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before using the dehumidifier. Retain this manual for future reference.

- Ensure the power supply voltage matches the rating label on the unit.
- Do not operate the unit with a damaged power cord or plug.
- Always place the unit on a stable, level surface.
- Maintain adequate clearance around the unit (at least 20 cm) for proper airflow.
- Do not insert objects into the air inlet or outlet grilles.
- Unplug the unit before cleaning, maintenance, or moving.
- Do not use the unit in areas where flammable gases or liquids are stored.
- 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.
- Children should be supervised to ensure that they do not play with the appliance.
- The unit contains R290 refrigerant. Do not puncture the refrigerant circuit.

3. PRODUCT OVERVIEW

3.1 Component Diagram

Familiarize yourself with the main components of your dehumidifier:

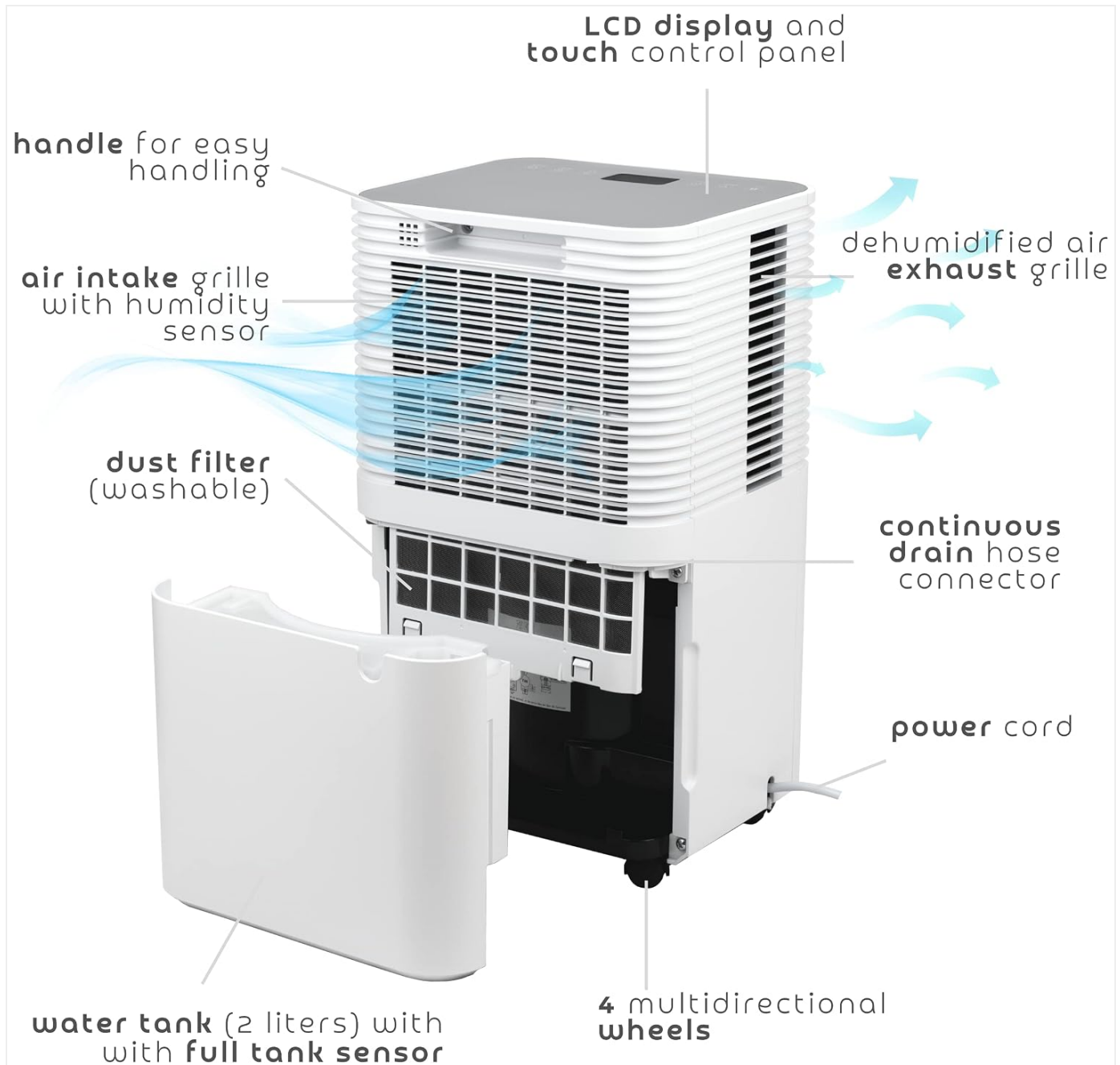


Image: Labeled diagram showing the dehumidifier's handle, LCD display and touch control panel, air intake grille with humidity sensor, dust filter (washable), water tank (2 liters) with full tank sensor, 4 multi-directional wheels, power cord, continuous drain hose connector, and dehumidified air exhaust grille.

- **Handle:** For easy handling and portability.
- **LCD Display and Touch Control Panel:** For operating the unit and viewing settings.
- **Air Intake Grille with Humidity Sensor:** Where air enters the unit and humidity is measured.
- **Dust Filter (Washable):** Filters dust particles from the air.
- **Water Tank (2 Liters) with Full Tank Sensor:** Collects condensed water. The sensor indicates when the tank is full.
- **4 Multi-directional Wheels:** For easy movement of the unit.
- **Power Cord:** Connects the unit to an electrical outlet.
- **Continuous Drain Hose Connector:** For attaching a hose for continuous water drainage.
- **Dehumidified Air Exhaust Grille:** Where dry air is released back into the room.

3.2 Digital Touch Control Panel

The control panel allows you to manage all functions of the dehumidifier.

DIGITAL TOUCH CONTROL PANEL



LOCK



SPEED



TIMER



HUM



MODE



POWER

WIFI ACTIVATION (TIMER multifunction button)
SLEEP/ TIMER MODE 24h
WANTED MOISTURE LEVEL SETTING
REAL-TIME HUMIDITY DISPLAY
AUTO/ CONTINUOUS DEHUMIDIFICATION
SET WANTED SPEED (2 speeds)
LOCKING ACCIDENTAL USE (CHILD LOCK)

Image: Close-up of the digital touch control panel showing buttons for Lock, Speed, Timer, Humidity setting, Mode, and Power, with a central LED display showing "40".

- **Lock Button:** Activates/deactivates the Child Lock function.
- **Speed Button:** Selects between two fan speeds.
- **Timer Button:** Sets the operation timer (0-24 hours) and also functions as the Wi-Fi activation button.
- **Humidity Setting Button (HUM):** Adjusts the desired humidity level.
- **Mode Button:** Cycles through operating modes (Auto, Continuous, SLEEP).
- **Power Button:** Turns the unit On or Off.
- **LED Display:** Shows current humidity, set humidity, or timer settings.

3.3 LED Light Indicator

The LED light indicator on top of the unit changes color to reflect the current humidity level in the room.

LED LIGHT INDICATOR

the color changes depending on the humidity level

	humidity < 45%
	45% ≤ humidity ≤ 65%
	humidity > 65%



Image: Diagram illustrating the LED light indicator colors corresponding to humidity levels: Blue for humidity < 45%, Green for 45% ≤ humidity ≤ 65%, and Red for humidity > 65%.

- **Blue Light:** Humidity is below 45%.
- **Green Light:** Humidity is between 45% and 65%.
- **Red Light:** Humidity is above 65%.

4. SETUP

4.1 Unpacking and Placement

1. Carefully remove the dehumidifier from its packaging.
2. Remove all packing materials and ensure no components are missing.
3. Place the unit upright on a firm, level surface.

4. Ensure there is at least 20 cm (8 inches) of space around the air inlet and outlet grilles for optimal airflow. Avoid placing the unit against walls or furniture that could obstruct air circulation.
5. Allow the unit to stand upright for at least 1 hour before plugging it in, especially if it was transported horizontally.

4.2 Power Connection

1. Ensure the power cord is not damaged.
2. Plug the power cord into a grounded electrical outlet that matches the voltage requirements of the unit (220 Volts).

4.3 Water Drainage Options

The dehumidifier offers two methods for water drainage:

4.3.1 Manual Drainage (Water Tank)

- The condensed water will collect in the 2-liter water tank.
- When the tank is full, the unit will automatically stop operating, and an indicator light (if available) will illuminate.
- Carefully remove the water tank from the unit, empty the collected water, and reinsert the tank securely. The unit will resume operation.

4.3.2 Continuous Drainage

- For continuous operation without needing to empty the water tank, connect the included drainage hose to the continuous drain hose connector on the unit.
- Ensure the hose is routed downwards to a suitable drain (e.g., floor drain, sink) and that there are no kinks or blockages in the hose.
- The water will then drain automatically.



Image: Side views of the dehumidifier. The left side view shows the continuous drain hose connector at the bottom, indicating where the hose should be attached for continuous drainage.

4.4 Wi-Fi Setup and Smart Control

The EPI 12 WIFI dehumidifier can be controlled remotely via the Smart Life app and integrated with voice assistants.

1. **Download the Smart Life App:** Search for "Smart Life" in the App Store (iOS) or Google Play Store (Android) and install the application.
2. **Register/Log In:** Create a new account or log in to your existing Smart Life account.
3. **Add Device:**

- Ensure your dehumidifier is plugged in and powered on.
- On the dehumidifier's control panel, press and hold the **Timer** button for 5 seconds until the Wi-Fi indicator light starts blinking rapidly. This puts the unit into pairing mode.
- In the Smart Life app, tap the "+" icon (usually in the top right corner) to add a device.
- Select "Small Home Appliance" or "Dehumidifier" from the device list.
- Follow the on-screen instructions in the app to connect the dehumidifier to your home Wi-Fi network (2.4 GHz only).

4. Voice Control Integration (Alexa/Google Assistant):

- Once the dehumidifier is successfully added to the Smart Life app, open your Amazon Alexa or Google Home app.
- Enable the "Smart Life" skill/service within your voice assistant app.
- Link your Smart Life account when prompted.
- Discover devices. Your dehumidifier should now be controllable via voice commands (e.g., "Alexa, turn on EPI 12," "Hey Google, set EPI 12 to 50% humidity").



Image: A Turbionaire EPI 12 WIFI dehumidifier in a living room setting, demonstrating its compatibility with Google Assistant and Amazon Alexa via Wi-Fi and the Smart Life app on a smartphone.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- Press the **Power** button once to turn the unit ON.
- Press the **Power** button again to turn the unit OFF.

5.2 Setting Desired Humidity Level

- When the unit is ON, press the **HUM** button repeatedly to cycle through desired humidity levels (e.g., 30%, 40%, 50%, 60%, 70%, or CO for Continuous).
- The unit will operate until the room humidity reaches the set level, then it will pause. It will resume when humidity rises above the set level.

5.3 Fan Speed Selection

- Press the **Speed** button to switch between two available fan speeds: High and Low.
- Higher speed provides faster dehumidification, while lower speed offers quieter operation.

5.4 Timer Function

- Press the **Timer** button to set an auto-off timer (when the unit is ON) or an auto-on timer (when the unit is OFF).
- Each press increases the timer by 1 hour, up to 24 hours.
- The timer will count down, and the unit will turn off or on automatically when the set time expires.

5.5 Operating Modes

Press the **Mode** button to cycle through the following operating modes:

- **Auto Mode:** The unit automatically adjusts its operation based on the ambient humidity and the set target humidity.
- **Continuous Dehumidification Mode (CO):** The unit operates continuously regardless of the ambient humidity level. This mode is ideal for drying laundry or in very damp conditions.
- **SLEEP Mode:** Reduces fan speed and dims the display lights for quieter operation during sleep.

5.6 Child Lock Function

- To activate the Child Lock, press and hold the **Lock** button for 3 seconds. The control panel will become unresponsive to accidental touches.
- To deactivate, press and hold the **Lock** button again for 3 seconds.

5.7 AUTO RESTART Function

In the event of a power outage, the AUTO RESTART function ensures that the dehumidifier will automatically resume operation with its previous settings once power is restored.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your dehumidifier. Always unplug the unit before performing any maintenance.

6.1 Cleaning the Air Filter

1. Turn off and unplug the dehumidifier.
2. Locate the air filter, typically behind the air intake grille. Refer to the component diagram in Section 3.1.
3. Carefully remove the filter.
4. Clean the filter using a vacuum cleaner to remove dust and debris. For heavier dirt, wash the filter with lukewarm water and a mild detergent.

5. Rinse the filter thoroughly and allow it to air dry completely before reinserting it into the unit.
6. It is recommended to clean the air filter every two weeks or more frequently depending on usage and air quality.

6.2 Emptying and Cleaning the Water Tank

1. Turn off and unplug the dehumidifier.
2. Carefully pull out the water tank.
3. Empty the collected water.
4. Clean the inside of the tank with a mild detergent and water to prevent mold and mildew growth. Rinse thoroughly.
5. Dry the tank completely before reinserting it into the unit.

6.3 Cleaning the Unit Exterior

- Wipe the exterior of the dehumidifier with a soft, damp cloth.
- Do not use harsh chemicals, abrasive cleaners, or solvents, as these can damage the surface.

6.4 Storage

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

7. TROUBLESHOOTING

Before contacting customer support, please refer to the following troubleshooting guide for common issues.

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply. Water tank is full or not properly inserted.	Check if the power cord is securely plugged into a working outlet. Empty the water tank and ensure it is correctly reinserted.
No water collected or dehumidification is weak.	Room temperature is too low. Air filter is clogged. Humidity level is already low. Unit is in continuous drainage mode with hose connected.	Dehumidifiers are less effective in very cold environments (below 5°C). Clean the air filter (refer to Section 6.1). Check the current humidity level on the display. If it's below your set target, the unit will not dehumidify. Verify if the continuous drainage hose is properly connected and draining.
Unit is noisy.	Air filter is clogged. Unit is not on a level surface. Fan speed is set to High.	Clean the air filter. Place the unit on a stable, level surface. Switch to a lower fan speed if desired.
Wi-Fi connection issues.	Incorrect Wi-Fi password. Router is too far or signal is weak. Using a 5GHz Wi-Fi network.	Double-check your Wi-Fi password. Move the unit closer to the router or ensure strong signal. The unit only supports 2.4GHz Wi-Fi networks. Ensure your router is configured for 2.4GHz or use a dual-band router's 2.4GHz band. Re-attempt pairing.

8. SPECIFICATIONS



Image: The Turbionaire EPI 12 WIFI dehumidifier shown with its dimensions: 220 mm (width), 255 mm (depth), and 445 mm (height).

Brand	Turbionaire
Model Number	EPI 12 WIFI
Dehumidification Capacity	12 Liters/24 hours
Air Flow	120 m³/h
Water Tank Volume	2 Liters
Power	200 Watts
Voltage	220 Volts
Dimensions (L x W x H)	22 x 25.5 x 44.5 cm

Weight	10 Kilograms
Material	Plastic
Number of Speeds	2
Noise Level	38 Decibels
Refrigerant	R290 (Ecological)
Special Features	Digital display, Adjustable humidity control, Automatic defrost, Removable tank, Child lock, Wi-Fi connectivity, Voice control compatibility (Alexa, Google Assistant), AUTO RESTART.
Recommended Floor Area	Up to 22 square meters
Included Components	Air filter, User manual, Continuous drainage hose

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your product or visit the official Turbionaire website. For technical support, spare parts, or service inquiries, please contact Turbionaire customer service through their official channels.

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