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De'Longhi PAC EL110 ERF

De'Longhi PAC EL110 ERF Portable Air Conditioner User Manual

Model: PAC EL110 ERF

Important Safety Instructions

Please read these instructions carefully before installing and using the appliance. Failure to observe these instructions may result in electric shock, fire, or serious injury.

- Always ensure the appliance is placed on a stable, level surface.
- Do not block the air inlets or outlets. Maintain a minimum distance of 50 cm from walls or other objects.
- Do not operate the appliance with a damaged cord or plug. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.
- This appliance uses R290 propane gas as a refrigerant. R290 is a natural, non-toxic, and eco-friendly gas. Be aware that R290 is odorless and flammable.
- Ensure the room where the appliance is installed, operated, or stored is not smaller than 13 m².
- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
- The appliance shall be stored in a room without continuously operating ignition sources (e.g., open flames, an operating gas appliance, or an operating electric heater).
- Do not pierce or burn.
- Be aware that refrigerants may not contain an odor.
- Keep children away from the appliance.

Product Overview

The De'Longhi PAC EL110 ERF is a portable air conditioner designed to provide efficient cooling, fan, and dehumidifying functions for rooms up to 36 m². It features Bluetooth and Wi-Fi connectivity for smart control and incorporates De'Longhi's unique REAL FEEL TECHNOLOGY for optimal comfort.

Main Components

- Portable Air Conditioner Unit
- Remote Control

- Exhaust Hose
- Window Kit (for exhaust hose installation)
- Drainage Hose (for continuous drainage)



Figure 1: Front view of the De'Longhi PAC EL110 ERF Portable Air Conditioner, showcasing its compact design and control panel.

Setup

1. Unpacking

Carefully remove the appliance from its packaging. Retain the packaging for future storage or transportation. Check for any damage during transit. If the unit appears damaged, do not operate it and contact customer support.

2. Placement

Place the air conditioner on a flat, stable surface, ensuring there is at least 50 cm of clear space around the unit for proper airflow. Position the unit near a window or opening where the exhaust hose can be vented to the outside.

3. Exhaust Hose Installation

1. Screw the exhaust hose connector onto the exhaust hose.
2. Insert the exhaust hose connector into the air outlet on the back of the appliance.
3. Attach the window adapter to the other end of the exhaust hose.
4. Open the window and place the window adapter in the opening, ensuring the hot air is expelled outdoors. Use the provided window kit to seal the opening as much as possible to prevent outside air from entering.

4. Drainage

The appliance automatically recycles condensate in cooling mode. However, during dehumidifying mode or in very humid conditions, the water tank may fill. For continuous drainage, connect the provided drainage hose to the continuous drainage outlet on the back of the unit and lead it to a suitable drain or container.

5. Power Connection

Plug the power cord into a grounded 240 Volt electrical outlet. Ensure the outlet is suitable for the appliance's power requirements.

Operating Instructions

1. Control Panel Overview



Figure 2: Close-up of the control panel, showing various buttons and the digital display.

- **Power Button:** Turns the unit On/Off.
- **Mode Button:** Cycles through Cooling, Fan, Dehumidifying, and REAL FEEL modes.
- **Fan Speed Button:** Adjusts fan speed (Low, Medium, High, Auto).
- **Temperature Up/Down Buttons:** Adjusts the desired temperature.
- **Wi-Fi/Bluetooth Indicator:** Shows connectivity status.
- **Timer Button:** Activates and sets the 24-hour timer.

2. Remote Control

The included remote control allows for convenient operation of all functions from a distance. Ensure batteries (Alkaline, included) are correctly inserted.

3. Wi-Fi and App Connectivity

The PAC EL110 ERF can be controlled via the dedicated De'Longhi app on your smartphone or tablet (iOS and Android compatible). It also supports voice control through Google Assistant and Amazon Alexa.



Figure 3: Illustration of the De'Longhi app interface and compatibility with Google Assistant and Amazon Alexa for smart control.

To set up Wi-Fi connectivity, download the De'Longhi app and follow the in-app instructions for pairing your device. Ensure your Wi-Fi router is within range and properly configured.

4. Operating Modes

- **Cooling Mode:** Provides powerful cooling with a capacity of 11,000 BTU/h. Set your desired temperature using the Up/Down buttons.
- **Fan Mode:** Circulates air without cooling. Choose from three fan speeds.
- **Dehumidifying Mode:** Removes excess moisture from the air. The unit can dehumidify effectively, requiring water tank emptying only once a year under typical conditions, or continuous drainage for high humidity.
- **REAL FEEL TECHNOLOGY:** This unique De'Longhi technology automatically adjusts temperature and relative humidity simultaneously to achieve and maintain optimal comfort levels.



Figure 4: Visual representation of the REAL FEEL Technology, illustrating its ability to optimize both temperature and humidity for enhanced comfort.

5. Setting Temperature and Fan Speed

Use the Up/Down arrows on the control panel or remote to set your desired room temperature. Press the Fan Speed button to cycle through available fan speeds (Low, Medium, High, Auto).

6. Timer Function

The 24-hour timer allows you to program the unit to turn on or off automatically after a set period. Press the Timer button and use the Up/Down arrows to set the desired time.

Maintenance

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

1. Cleaning the Air Filter

The air filter should be cleaned regularly (e.g., every two weeks) to prevent dust buildup, which can reduce efficiency. To clean:

1. Turn off the appliance and unplug it from the power outlet.
2. Remove the air filter from the back of the unit.
3. Use a vacuum cleaner to remove dust from the filter. For a more thorough cleaning, wash the filter under lukewarm running water.
4. Allow the filter to dry completely before reinserting it into the appliance. Do not expose to direct sunlight.

2. Draining Condensate

While the unit has an automatic condensate recycling system, manual draining may be required if the water tank full indicator illuminates, especially in dehumidifying mode. Refer to the continuous drainage section in Setup for connecting a hose, or manually drain by placing a shallow pan under the drainage outlet and removing the cap.

3. Storage

Before storing the appliance for an extended period (e.g., over winter):

1. Run the unit in fan mode for a few hours to dry the internal components.
2. Drain any remaining water from the unit.
3. Clean the air filter.
4. Unplug the power cord and coil it neatly.
5. Store the appliance in a dry, cool place, preferably in its original packaging, away from direct sunlight and extreme temperatures.

Troubleshooting

If you encounter issues with your De'Longhi PAC EL110 ERF, consult the table below for common problems and their solutions.

Problem	Possible Cause	Solution
Appliance does not turn on	No power supply; Power cord not plugged in; Water tank full.	Check power outlet; Plug in power cord securely; Empty water tank.
No cooling or insufficient cooling	Air filter clogged; Exhaust hose blocked or disconnected; Room too large; Doors/windows open; Temperature setting too high.	Clean air filter; Check exhaust hose for blockages and secure connection; Ensure room size is within specifications (max 36 m^2); Close doors/windows; Lower temperature setting.
Unit is noisy	Fan speed too high; Unit not on a level surface.	Reduce fan speed; Ensure unit is on a stable, level surface. Note: A noise level of 63 dB is normal during operation.

Problem	Possible Cause	Solution
Wi-Fi connection issues	Incorrect Wi-Fi password; Router too far; Router needs restart.	Verify Wi-Fi password; Move unit closer to router or use a Wi-Fi extender; Restart your Wi-Fi router.
Error codes displayed	Specific internal issue.	Refer to the full user manual for specific error code meanings. If the issue persists after basic troubleshooting, contact De'Longhi customer support.

Technical Specifications

Feature	Specification
Model	PAC EL110 ERF
Cooling Capacity	11,000 BTU/h
Recommended Room Size	Up to 36 m²
Energy Efficiency Class	A+
Refrigerant	R290 (Propane Gas)
Noise Level	63 dB
Voltage	240 Volts
Wattage	1.1 kilowatt hours
Product Dimensions (WxDxH)	45 x 41 x 75 cm
Item Weight	36.4 kg
Special Features	Portable, Energy Efficient, Non-toxic, Eco-friendly, LED Display, Wi-Fi, Bluetooth
Included Components	Remote Control

Warranty and Support

Your De'Longhi PAC EL110 ERF Portable Air Conditioner comes with a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions, including the warranty period and coverage details.

For technical assistance, troubleshooting beyond this manual, or to inquire about warranty service, please contact De'Longhi customer support. Contact information can typically be found on the De'Longhi official website or on the product packaging.

When contacting support, please have your model number (PAC EL110 ERF) and serial number (if applicable) ready.

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