

De'Longhi PACN74ECO

De'Longhi Pinguino PACN74ECO Portable Air Conditioner User Manual

Model: PACN74ECO

1. INTRODUCTION

Thank you for choosing the De'Longhi Pinguino PACN74ECO Portable Air Conditioner. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your appliance. Please read these instructions carefully before using the appliance and keep them for future reference.

2. SAFETY INSTRUCTIONS

Important: Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Ensure the power supply voltage matches the rating label on the appliance.
- Do not operate the appliance with a damaged cord or plug.
- Do not block air inlets or outlets.
- Keep the appliance at least 50 cm away from walls or other objects.
- Do not use the appliance in bathrooms or laundry rooms.
- This appliance uses R290 refrigerant. Be aware that R290 is an odorless, flammable refrigerant.
- Do not pierce or burn the appliance.
- Only use accessories recommended by the manufacturer.
- Unplug the appliance before cleaning or maintenance.

3. PRODUCT OVERVIEW

Familiarize yourself with the main components of your De'Longhi Pinguino PACN74ECO portable air conditioner.



Image 3.1: Top view of the De'Longhi Pinguino PACN74ECO showing the control panel with display, mode buttons, and temperature adjustments.





Image 3.2: The remote control for the De'Longhi Pinguino PACN74ECO, featuring power, mode, fan speed, timer, and temperature adjustment buttons.



Image 3.3: Included accessories for the portable air conditioner, including the exhaust hose, window kit components, and remote control.

Main Components:

- Control Panel with Display
- Air Outlet Grille
- Air Inlet Grille with Filter
- Exhaust Air Hose Connection
- Drainage Cap
- Castor Wheels
- Remote Control
- Window Kit (various adapters and window bracket)

4. SETUP AND INSTALLATION

Proper installation is crucial for the efficient operation of your portable air conditioner.

4.1 Positioning the Appliance

- Place the appliance on a flat, stable surface.
- Ensure there is at least 50 cm of free space around the unit for proper airflow.

- Avoid placing the unit in direct sunlight or near heat sources.



Image 4.1: The portable air conditioner positioned in a living room, demonstrating adequate space around the unit.

4.2 Exhaust Air Hose Installation

1. Screw the exhaust air hose onto the appliance's rear connection.
2. Connect the window outlet adapter to the other end of the exhaust air hose.
3. Open a window or sliding door.
4. Place the window outlet adapter into the opening, ensuring hot air is expelled outside.
5. Close the window as much as possible to minimize air leakage.



Image 4.2: The portable air conditioner with the exhaust hose connected and directed towards a window, illustrating proper setup for heat expulsion.

4.3 Electrical Connection

- Before plugging in, ensure the appliance is correctly positioned and the exhaust hose is installed.
- Plug the power cord into a suitable grounded electrical outlet.

5. OPERATING INSTRUCTIONS

Your PACN74ECO offers various operating modes for optimal comfort.

5.1 Control Panel and Remote Control

The appliance can be operated using the control panel on the unit or the supplied remote control.

5.2 Power On/Off

- Press the **ON/OFF** button (power icon) on the control panel or remote control to turn the unit on or off.

5.3 Mode Selection

Press the **MODE** button to cycle through the available operating modes:

- **Cooling Mode (snowflake icon):** For cooling the room. The display shows the set temperature.
- **Dehumidifying Mode (water drop icon):** Reduces humidity in the room. The fan speed is automatically set to low.
- **Fan Mode (fan icon):** Circulates air without cooling. Fan speed can be adjusted.

5.4 Temperature Adjustment (Cooling Mode Only)

- Use the **+** and **-** buttons to set the desired temperature. The temperature range is typically 18°C to 30°C.

5.5 Fan Speed Adjustment (Cooling and Fan Mode)

- Press the **FAN** button (fan icon) to select fan speed: Low, Medium, High, or Auto.

5.6 Timer Function

- Press the **TIMER** button (clock icon) to set the desired operating time (up to 12 hours).
- Use the **+** and **-** buttons to adjust the time.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your appliance.

6.1 Cleaning the Air Filter

1. Unplug the appliance from the power outlet.
2. Remove the air filter from the rear of the unit.
3. Clean the filter with a vacuum cleaner or wash it with lukewarm water (max 40°C) and a neutral detergent.
4. Rinse thoroughly and allow it to dry completely before reinstalling.
5. Clean the filter every two weeks or more frequently if used in dusty environments.

6.2 Cleaning the Appliance Casing

- Wipe the casing with a soft, damp cloth.
- Do not use abrasive cleaners, solvents, or harsh chemicals.

6.3 End of Season Storage

1. Unplug the appliance.
2. Drain any residual water from the unit by removing the drainage cap.
3. Clean the air filter and the casing.
4. Store the appliance in a dry, cool place, away from direct sunlight.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Appliance does not turn on.	No power supply. Power cord not plugged in. Timer function active.	Check power outlet. Plug in the power cord securely. Deactivate the timer function.
Appliance cools insufficiently.	Air filter clogged. Exhaust hose blocked or improperly installed. Room too large. Doors/windows open. Temperature setting too high.	Clean the air filter. Check and properly install the exhaust hose. Ensure room size is within appliance capacity (up to 85 m ³). Close all doors and windows. Lower the set temperature.
Unit is noisy.	Unit not on a flat surface. Air filter clogged.	Place the unit on a flat, stable surface. Clean the air filter.
Water leaks from the unit.	Drainage cap not properly closed. Unit tilted.	Ensure drainage cap is securely closed. Place the unit on a level surface.

8. SPECIFICATIONS

Technical data for the De'Longhi Pinguino PACN74ECO.

Feature	Value
Brand	De'Longhi
Model	PACN74ECO
Cooling Capacity	8200 BTU/h (2.1 kW)
Dehumidifying Capacity	Up to 30 Liters/24 hours
Energy Efficiency Class	A
Refrigerant	R290 (Propane)
Noise Level	62 Decibel
Product Dimensions (DxWxH)	47.5P x 45l x 88H cm
Recommended Room Size	Up to 85 m ³

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your product or visit the official De'Longhi website. Keep your proof of purchase for any warranty claims.

For technical assistance or spare parts, please contact De'Longhi customer service.