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De'Longhi PAC N87

De'Longhi Pac N87 Silent Portable Air Conditioner User Manual

Model: PAC N87

Introduction

This user manual provides comprehensive instructions for the safe and efficient operation, installation, and maintenance of your De'Longhi Pac N87 Silent Portable Air Conditioner. Please read this manual thoroughly before using the appliance and keep it for future reference.



The De'Longhi Pac N87 Silent Portable Air Conditioner, designed for effective cooling in various indoor environments.

Safety Information

Always observe the following safety precautions to reduce the risk of fire, electric shock, or injury.

- Read all instructions before using the appliance.

- Do not operate the appliance with a damaged cord or plug.
- Ensure the power supply matches the voltage specified on the appliance's rating label.
- Do not block air inlets or outlets.
- Keep the appliance away from heat sources and direct sunlight.
- Do not use the appliance in wet or damp environments.
- Unplug the appliance before cleaning or maintenance.
- This appliance contains R410A refrigerant. Servicing should only be performed by qualified personnel.

Product Overview

Familiarize yourself with the main components of your De'Longhi Pac N87 Silent Portable Air Conditioner.





Front view of the portable air conditioner, showing the main grille and De'Longhi branding.





Angled view highlighting the compact design and side handle for portability.

Main Components:

- Control Panel (top)
- Air Outlet Grille (top front)
- Air Inlet Grilles (rear/side)
- Exhaust Air Duct Connection (rear)
- Drainage Hose Connection (rear/bottom)
- Castor Wheels (bottom)
- Remote Control (not pictured, but included)

Setup

Follow these steps to properly set up your portable air conditioner for optimal performance.

1. **Positioning the Unit:** Place the air conditioner on a flat, stable surface, ensuring there is at least 30 cm (12 inches) of space around the unit for proper airflow.
2. **Connecting the Exhaust Hose:**



The exhaust hose connected to the rear of the unit, ready for window installation.

Attach the exhaust air duct to the outlet on the rear of the appliance. Extend the hose and connect the window outlet adapter. Position the window outlet adapter in a window opening, ensuring a good seal to prevent hot air from re-entering the room.

3. **Power Connection:** Plug the power cord into a grounded electrical outlet. Ensure the outlet meets the electrical requirements specified in the specifications section.

4. **Drainage (Dehumidification Mode):** For continuous drainage in dehumidification mode, connect a drainage hose (not supplied) to the continuous drainage outlet at the rear of the unit.

Operating Instructions

Learn how to use the various functions and modes of your De'Longhi Pac N87.



The intuitive control panel with digital display and function buttons.

Control Panel Functions:

- **ON/OFF Button ( ):** Powers the unit on or off.
- **MODE Button:** Cycles through operating modes:
  - ❄ **Cooling Mode:** For air conditioning.
  - **Δ Dehumidifying Mode:** Removes moisture from the air.
  - ☀ **Fan Mode:** Circulates air without cooling.
- **Fan Speed Button ( ):** Adjusts fan speed (Low, Medium, High, Auto).
- **Temperature Adjustment Buttons (+ / -):** Sets desired temperature in Cooling Mode.
- **Timer Button ( ):** Sets auto-on or auto-off timer.
- **Silent Mode Button (if available):** Activates quiet operation.

Using the Remote Control:

The unit comes with a remote control for convenient operation from a distance. All functions available on the control panel can also be accessed via the remote control.



The remote control icon indicates remote operation capability.

Maintenance

Regular maintenance ensures the longevity and efficiency of your air conditioner.

Cleaning the Air Filter:



Accessing the air filter for cleaning, located behind the front grille.

1. Unplug the appliance from the power outlet.
2. Open the front grille to access the air filter.
3. Remove the filter by pulling it outwards.
4. Clean the filter using a vacuum cleaner or wash it with lukewarm water (max 40°C). Allow it to dry completely before reinserting.
5. Reinsert the filter and close the grille.

Clean the air filter at least once every two weeks, or more frequently if the unit is used in a dusty environment.

Cleaning the Appliance Body:

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

End of Season Storage:

- Drain any residual water from the unit.
- Clean the air filter.
- Store the appliance in a dry, cool place, away from direct sunlight.

Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; power cord not plugged in; fuse blown.	Check power connection; check circuit breaker/fuse; try another outlet.
Unit cools insufficiently.	Air filter dirty; exhaust hose blocked or disconnected; room too large; windows/doors open.	Clean air filter; check exhaust hose connection; ensure room size is appropriate; close windows/doors.
Unit is noisy.	Unit not on a flat surface; fan speed too high.	Place on a flat surface; reduce fan speed; check for obstructions.
Water leaks from the unit.	Drain plug not properly sealed; continuous drainage hose blocked.	Ensure drain plug is secure; check and clear drainage hose.

If the problem persists after trying these solutions, please contact customer support.

Specifications

Technical data for the De'Longhi Pac N87 Silent Portable Air Conditioner.

Feature	Value
Brand	De'Longhi
Model Information	PAC N87
Product Dimensions (W x D x H)	45 x 47.5 x 87 cm
Weight	30 kg
Energy Efficiency Class	A
Cooling Capacity (EER)	2.6
Sound Level (Cooling Mode)	63 dB(A) (Max. sound power level)
Refrigerant	R410A
Voltage/Frequency	220-240 V ~ 50 Hz
Wattage	940 watts



Indication of R410A refrigerant and energy efficiency.

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.
De'Longhi Official Website: www.delonghi.com

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