De'Longhi PAC EM82

De'Longhi Pinguino PAC EM82 Portable Air Conditioner User Manual

Model: PAC EM82

Introduction

Thank you for choosing the De'Longhi Pinguino PAC EM82 Portable Air Conditioner. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your appliance. Please read this manual thoroughly before using the air conditioner and keep it for future reference.
The De'Longhi Pinguino PAC EM82 is designed to provide cooling and dehumidification for rooms up to 80 m^3. It features an energy efficiency class A rating, a 24-hour timer, and uses environmentally friendly R290 refrigerant.

Safety Information

Always observe the following safety precautions to reduce the risk of fire, electric shock, or 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 away from heat sources and direct sunlight.
- Do not use the appliance in wet or damp environments.
- 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.

Product Overview





Figure 1: Front view of the De'Longhi Pinguino PAC EM82 portable air conditioner, showing its sleek white design and integrated handles.



Figure 2: The PAC EM82 air conditioner positioned in a modern living room, demonstrating its compact size and how the exhaust hose connects to a window.



Figure 3: Close-up of the top control panel of the PAC EM82, featuring touch-sensitive buttons and a slot for the remote control.



Figure 4: Detail of the durable castor wheels at the base of the PAC EM82, designed for easy mobility.

Components:

- Main Air Conditioner Unit
- Exhaust Hose
- Window Kit (adaptor, window bracket)
- Remote Control with LCD display
- Drain Hose (for dehumidification mode)

Setup

Unpacking:

1. Carefully remove the air conditioner from its packaging.
2. Remove all packing materials and dispose of them responsibly.
3. Check for any damage that may have occurred during transit. If damaged, do not operate the unit and contact your retailer.

Placement:

- Place the air conditioner on a flat, stable surface.
- Ensure there is at least 50 cm (20 inches) of clear space around the unit for proper airflow.
- Position the unit near a window or opening for the exhaust hose.

Exhaust Hose Installation:

1. Screw the exhaust hose onto the air conditioner's air outlet.
2. Extend the exhaust hose and connect the window adaptor to the other end.
3. Open the window and place the window bracket in the opening. Secure the window adaptor into the bracket.
4. Ensure the exhaust hose is as short and straight as possible to maximize efficiency. Avoid kinks or sharp bends.

Power Connection:

Plug the power cord into a grounded electrical outlet. Ensure the outlet meets the electrical requirements specified in the specifications section.

Operating Instructions

Control Panel:



Figure 5: Illuminated control panel of the PAC EM82, showing active settings and indicators for temperature and fan speed.

The control panel features touch-sensitive buttons for various functions. An LCD remote control is also included for convenient operation.

Operating Modes:

- **Cooling Mode (*):** Press the MODE button until the snowflake symbol appears. Use the + and - buttons to set the desired temperature. The unit will cool the room to the set temperature.
- **Dehumidifying Mode ( ):** Press the MODE button until the water drop symbol appears. In this mode, the unit removes moisture from the air. A continuous drain hose connection is recommended for extended use.
- **Fan Mode ( ):** Press the MODE button until the fan symbol appears. Use the fan speed button to select desired fan speed (low, medium, high). The unit will circulate air without cooling.

Timer Function:

The 24-hour timer allows you to program the unit to turn on or off automatically. Press the TIMER button and use the + and - buttons to set the desired ON/OFF time.

Remote Control:

The remote control replicates all functions available on the control panel. Ensure the remote control is pointed towards the unit's receiver when operating.

Maintenance

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

Cleaning the Air Filter:

The air filter should be cleaned every two weeks, or more frequently if the unit is used in a dusty environment.

1. Unplug the appliance 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 thorough cleaning, wash the filter under lukewarm running water.
4. Allow the filter to dry completely before reinserting it into the unit. Do not expose to direct sunlight.

Draining Condensate:

In cooling and dehumidifying modes, water condensate will collect inside the unit. The PAC EM82 features an automatic evaporation system, but in high humidity conditions, the internal tank may fill up. When the tank is full, the unit will stop operating and display an indicator.

1. Unplug the appliance.
2. Place a shallow pan or container under the drain plug at the bottom rear of the unit.
3. Remove the drain plug and allow all water to drain out.
4. Replace the drain plug securely.

For continuous dehumidification, connect a drain hose to the continuous drain outlet.

Storage:

If the unit will not be used for an extended period:

- Drain all condensate water.
- Clean the air filter.
- Store the unit upright in a dry, cool place, away from direct sunlight.

Troubleshooting

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; Power cord not plugged in; Fuse blown/circuit breaker tripped; Internal water tank full.	Check power connection; Check fuse/circuit breaker; Drain water tank.
Unit cools insufficiently.	Air filter dirty; Air intake/outlet blocked; Room too large; Doors/windows open; Temperature setting too high.	Clean air filter; Clear obstructions; Ensure room size is within limits; Close doors/windows; Lower temperature setting.

Problem	Possible Cause	Solution
Unit is noisy.	Unit not on a flat surface; Air filter dirty.	Place on a flat surface; Clean air filter.
Water leaks from the unit.	Drain plug not securely closed; Drain hose not properly connected (if applicable).	Ensure drain plug is secure; Check drain hose connection.

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

Specifications

Feature	Value
Model	PAC EM82
Cooling Capacity	9400 BTU/h (2.4 kW)
Energy Efficiency Class	A
Dehumidification Capacity	Up to 43 liters/24 hours
Noise Level	63 dB
Refrigerant	R290 (environmentally friendly)
Recommended Room Size	Up to 80 m^3
Power Consumption	1000 Watts
Voltage	220 Volts
Dimensions (L x W x H)	46.3 x 37.8 x 87.6 cm (18.2 x 14.9 x 34.5 inches)
Weight	35 kg (77.16 lbs)

Note: Specifications are subject to change without notice for product improvement.

Warranty and Support

The De'Longhi Pinguino PAC EM82 comes with a**2-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

The warranty does not cover:

- Damage caused by improper use or installation.
- Damage caused by unauthorized repairs or modifications.
- Normal wear and tear.
- Damage caused by external factors such as power surges or natural disasters.

For warranty claims or technical support, please contact De'Longhi customer service. Have your proof of purchase and the product model number (PAC EM82) ready when contacting support.
For more information, visit the official De'Longhi website or refer to the contact details provided with your purchase documentation.

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Question

Example: How do I reset this device or fix this error?

Details

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