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De'Longhi PACEX120

De'Longhi Pinguino PAC EX120 Silent Mobile Air Conditioner User Manual

Model: PACEX120

1. Introduction

This user manual provides essential information for the safe and efficient operation, installation, and maintenance of your De'Longhi Pinguino PAC EX120 Silent Mobile Air Conditioner. Please read this manual thoroughly before using the appliance and keep it for future reference.





Figure 1: De'Longhi Pinguino PAC EX120 Silent Mobile Air Conditioner. This image shows the sleek black design of the unit with its digital display and control panel on the top right.

2. Important Safety Instructions

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury to persons.

- Read all instructions before using the appliance.
- Ensure the power supply matches the voltage specified on the appliance's rating label.
- Do not operate the appliance with a damaged cord or plug.
- Do not block air intakes 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 performing any maintenance.
- 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.

3. Product Components

Your De'Longhi Pinguino PAC EX120 Silent Mobile Air Conditioner comes with several components to facilitate its operation and installation. Familiarize yourself with these parts before setup.

Main Unit: The portable air conditioner itself.

Exhaust Hose: Flexible hose for expelling hot air.

Window Outlet: Adapter for the exhaust hose to fit into a window.

Window Bracket with Wing Nut: Adjustable bracket for sealing the window opening.

Hose Adapters (2 pieces): Connectors for the exhaust hose.

Window Bracket Cap: To cover the opening when the hose is not in use.

Adapter for Window Bracket: Additional adapter for specific window types.

Wall Flange with Cap: For permanent wall installation (optional).

Remote Control: For convenient operation from a distance.



Figure 2: Overview of included components. This image displays all the parts that come with the air conditioner, including the exhaust hose, various window adapters, and the remote control, clearly labeled.

4. Setup

Proper setup is crucial for the optimal performance of your mobile air conditioner. The unit is designed for easy mobility and can be used without permanent installation, but requires proper exhaust ventilation.

4.1 Positioning the Unit

1. Place the air conditioner on a flat, stable surface.
2. Ensure there is at least 30 cm (12 inches) of clear space around the unit for proper airflow.
3. Position the unit near a window or other opening where the exhaust hose can be vented to the outside.

4.2 Exhaust Hose Installation

The exhaust hose must be connected to the unit and vented outside to remove hot air from the room.

1. Attach one end of the exhaust hose to the air conditioner's air outlet.
2. Connect the window outlet adapter to the other end of the exhaust hose.
3. Open a window or sliding door and place the window outlet adapter in the opening.
4. Use the provided window bracket or a custom solution to seal the window opening around the hose as much as possible to prevent hot air from re-entering the room.



Figure 3: Window installation options. This image illustrates two methods for venting the exhaust hose through a window, emphasizing the importance of sealing the opening for efficient cooling.

4.3 Electrical Connection

- Plug the power cord into a grounded electrical outlet.
- Do not use extension cords or adapter plugs.

5. Operating Instructions

Your De'Longhi Pinguino PAC EX120 offers various modes and settings for personalized comfort.

5.1 Control Panel and Remote Control

The unit can be operated via the touch-sensitive display on the front panel or the included remote control. The display provides clear readings of temperature and settings.



Figure 4: Control panel and remote control. This image highlights the digital display showing the temperature and the buttons for power, temperature adjustment, mode selection, and fan speed, along with the remote control.

5.2 Operating Modes

- **Cooling Mode:** Reduces room temperature. Set your desired temperature using the '+' and '-' buttons.
- **Dehumidification Mode:** Removes excess moisture from the air, up to 36 liters in 24 hours.
- **Fan Mode:** Circulates air without cooling. Select from multiple fan speeds.

5.3 RealFeel Technology

The RealFeel Technology monitors both temperature and humidity to automatically adjust settings for optimal comfort, providing a balanced climate in the room.



Figure 5: RealFeel Technology indicator. This image shows the display with an icon representing the RealFeel function, which optimizes both temperature and humidity for enhanced comfort.

5.4 Timer Function

Use the 24-hour timer to program the unit to turn on or off automatically at a specified time.

6. Maintenance

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

6.1 Cleaning the Air Filter

The air filter should be cleaned regularly (e.g., every two weeks) to maintain optimal performance.

1. Unplug the appliance from the power outlet.
2. Remove the air filter from the back of the unit.

3. Clean the filter with a vacuum cleaner or wash it with lukewarm water and a mild detergent.
4. Rinse thoroughly and allow it to dry completely before reinserting.

6.2 Draining Condensate Water

The unit collects condensate water during operation. While it often evaporates automatically, you may need to drain it, especially in high humidity or if the unit indicates a full tank.

- Turn off the unit and unplug it.
- Place a shallow pan or container under the drainage outlet at the back of the unit.
- Remove the drain plug and allow the water to flow out.
- Once drained, replace the plug securely.

6.3 Storage

When storing the unit for an extended period, ensure it is clean and dry. Drain any remaining water, clean the filter, and cover the unit to protect it from dust.

7. Troubleshooting

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not turn on.	No power, plug loose, full water tank.	Check power connection, drain water tank if full.
Insufficient cooling.	Blocked air filter, open windows/doors, room too large, exhaust hose not properly sealed.	Clean air filter, close windows/doors, ensure exhaust hose is sealed, check room size against unit capacity.
Unit is noisy.	Normal compressor operation, unit not on a flat surface.	Ensure unit is on a flat surface. Some noise from compressor is normal.
Wi-Fi connectivity issues.	Only supports 2.4GHz Wi-Fi, specific Wi-Fi channels.	Ensure your router is set to 2.4GHz. Try setting a fixed Wi-Fi channel (e.g., 1, 6, or 11) on your router. Disconnect and reconnect power to the unit.
Inaccurate temperature reading (on unit/app).	Internal sensor reading, remote control not active.	Use the remote control for accurate temperature readings. Ensure the remote is placed more than 1 meter away from the unit for its sensor to be active.
Water leakage.	Drain plug not secure, unit tilted.	Ensure drain plug is securely in place. Check if the unit is on a level surface.

8. Technical Specifications

Key technical details for the De'Longhi Pinguino PAC EX120 Silent Mobile Air Conditioner.

Feature	Specification

Feature	Specification
Brand	De'Longhi
Model Number	PACEX120
Color	Black
Product Dimensions (L x W x H)	44.5 x 39 x 80.5 cm
Item Weight	32 Kilograms
Cooling Capacity	11,500 BTU/h (3 kW)
Power	1050 Watts
Voltage	240 Volts
Energy Efficiency Class	A
Annual Energy Consumption	1 Kilowatt-hour (per 60 min)
Noise Level	65 dB
Dehumidification Capacity	Up to 36 Liters/24 hours
Recommended Room Volume	Up to 120 m^3
Special Features	Dust filter, RealFeel Technology, 24-hour timer, Remote control

Leistungsstark und leicht zu handhaben

11500 BTU/h
3 kW
Kühlleistung

Für Räume bis zu
120 m³

3-in-1
Klimagerät
Kühlung,
Entfeuchtung,
Ventilation



Figure 6: Product dimensions and cooling capacity. This image provides a visual representation of the unit's dimensions (805mm height, 390mm depth, 445mm width) and highlights its 11,500 BTU/h cooling capacity for rooms up to 120 m³.

Energieeffizienzklasse

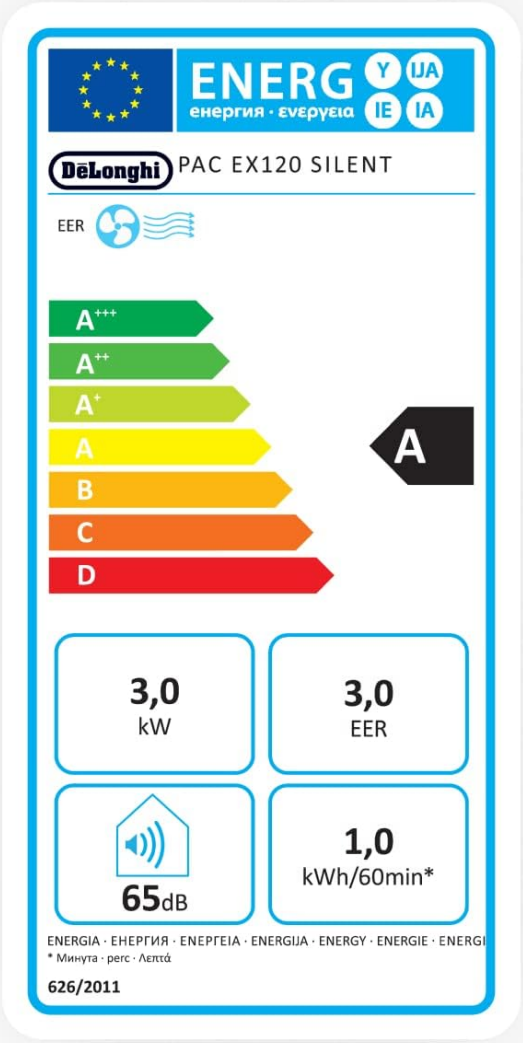


Figure 7: Energy efficiency label. This label indicates the unit's energy class A, cooling capacity in kW, noise level in dB, and annual energy consumption.

9. Warranty and Support

De'Longhi products are manufactured to the highest quality standards. For information regarding your product's warranty, please refer to the warranty card included in the packaging or visit the official De'Longhi website.
For technical support, spare parts, or service, please contact De'Longhi customer service through their official channels. Always have your model number (PACEX120) and purchase details ready when contacting support.
You can visit the official De'Longhi store for more information:De'Longhi Store

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