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## De'Longhi PACEX140ES

# De'Longhi Pinguino Deluxe Portable Air Conditioner User Manual

Model: PACEX140ES | Brand: De'Longhi

## 1. PRODUCT OVERVIEW

The De'Longhi Pinguino EX Series 3-in-1 portable air conditioner is designed to provide maximum comfort for rooms up to 600 square feet. This versatile unit features three primary functions: air conditioning, dehumidifying, and fan-only operation. It includes motorized airflow control for customized comfort and a user-friendly front-facing control panel. For added convenience, a full-function remote control with on-board storage is provided. Its portable design, complete with durable castor wheels and integrated side handles, allows for easy relocation to where cooling is most needed. Setup is quick and requires no special tools, with a window bracket and exhaust hose included in the package.





Figure 1: Front view of the De'Longhi Pinguino Deluxe Portable Air Conditioner, showcasing its sleek white design and integrated control panel.

## 2. KEY FEATURES

- **3-in-1 Technology:** Offers air conditioning, dehumidifying, and fan-only functions for versatile climate control.
- **Powerful Cooling:** Provides 14,000 BTU cooling (ASHRAE Standard) or 6,800 BTU cooling (DOE Standard), suitable for areas up to 600 square feet.
- **Multiple Modes & Speeds:** Features 3 operating modes and 3 fan speeds, along with a 24-hour on/off timer for personalized comfort.
- **Intuitive Controls:** Equipped with an integrated front-facing control panel and a full-function remote control with convenient on-board storage.

- **Enhanced Portability:** Designed with durable castor wheels and integrated side handles for easy movement between rooms.
- **Washable Filter:** Includes an easy-access washable filter to remove large particles from the air, promoting cleaner air quality.

## **Find the correct cooling capacity for your room**

Find the corresponding cooling capacity that matches your desired area (square footage). Cooling capacity shown in British thermal units (BTU) per hour.

<b>Area to be cooled (SQ. FT.)</b>	<b>Capacity Needed (BTU)</b>
150 SQ. FT.	5,000
UP TO 250 SQ. FT.	6,000
UP TO 300 SQ. FT.	7,000
UP TO 350 SQ. FT.	8,000
UP TO 400 SQ. FT.	9,000
UP TO 450 SQ. FT.	10,000
UP TO 550 SQ. FT.	12,000
UP TO 700 SQ. FT.	14,000
UP TO 1000 SQ. FT.	18,000
UP TO 1200 SQ. FT.	21,000
UP TO 1400 SQ. FT.	23,000
UP TO 1500 SQ. FT.	24,000

## **Adjustment as necessary**

**Make any adjustments for the following circumstance:**

- If the room is heavily shaded, reduce capacity by 10 percent.
- If the room is very sunny, increase capacity by 10 percent.
- If more than two people regularly occupy the room, add 600 BTUs for each additional person.
- If the unit is used in a kitchen, increase capacity by 4,000 BTUs.

Figure 2: The full-function remote control, allowing convenient operation from a distance.

### 3. SETUP GUIDE

The De'Longhi Pinguino Portable Air Conditioner is designed for quick and easy setup, typically taking around 5 minutes without the need for additional tools. Follow these steps for initial installation:

1. **Unpack the Unit:** Carefully remove the air conditioner and all accessories from its packaging. Ensure all components listed in the package content (air conditioner, remote control, AAA batteries, window bracket, exhaust hose, manual) are present.
2. **Attach the Exhaust Hose:** Connect one end of the exhaust hose to the designated port on the back of the air conditioner. Ensure a secure fit to prevent air leakage.
3. **Install the Window Kit:** Assemble the window bracket according to the instructions in the included manual. Place the assembled window bracket into a compatible window opening (vertical or horizontal). Extend the bracket to fit snugly within the window frame.
4. **Connect Hose to Window Kit:** Attach the other end of the exhaust hose to the opening in the window bracket. This allows hot air to be expelled outside.
5. **Position the Unit:** Place the portable air conditioner on a flat, stable surface near the window. Ensure there is sufficient space around the unit for proper airflow and to prevent obstruction of air intakes and outlets. The integrated side handles and durable castor wheels facilitate easy positioning.
6. **Plug In:** Connect the power cord to a suitable electrical outlet.



Figure 3: Side view of the unit showing the exhaust hose connected to the window kit for expelling hot air.



Figure 4: Cooling capacity chart to help determine the appropriate BTU for your room size, along with adjustment factors for environmental conditions.

## 4. OPERATING INSTRUCTIONS

The De'Longhi Pinguino offers various modes and settings for optimal comfort. Use the front-facing control panel or the remote control to adjust settings.

### Control Panel Overview:



Figure 5: Close-up of the intuitive front-facing control panel with digital display and touch buttons.

- **Power Button ( ):** Press to turn the unit ON or OFF.
- **Temperature Adjustment ( ^ / v ):** Use the up and down arrows to set your desired temperature. The unit can cool down to 64°F (18°C) and heat up to 90°F (32°C).
- **Mode Button (MODE):** Cycle through the available operating modes:
  - **Cooling Mode:** For air conditioning.

- **Dehumidifying Mode:** To reduce humidity in the room.
- **Fan-Only Mode:** For air circulation without cooling or heating.
- **Fan Speed Button (\*):** Adjust the fan speed (Low, Medium, High, Auto).
- **Timer Button ( ):** Set the 24-hour programmable timer for automatic on/off operation.
- **Motorized Airflow Control:** The top vent automatically opens and closes when the unit is powered on or off, directing airflow for optimal distribution.



Figure 6: Top view illustrating the motorized vent, which automatically adjusts for efficient air distribution.

## 5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your portable air conditioner.

## Cleaning the Air Filter:

The unit features an easy-access washable filter that should be cleaned regularly (e.g., every two weeks, or more often depending on usage and air quality) to maintain efficiency and air quality.

1. **Power Off and Unplug:** Before cleaning, always turn off the unit and unplug it from the power outlet.
2. **Remove the Filter:** Locate the filter access panel, typically on the side or back of the unit. Open the panel and carefully slide out the air filter.
3. **Clean the Filter:** Wash the filter under running lukewarm water. For stubborn dirt, use a soft brush and a mild detergent.
4. **Dry Thoroughly:** Allow the filter to air dry completely before reinserting it into the unit. Do not expose it to direct sunlight or excessive heat.
5. **Reinstall Filter:** Slide the dry filter back into its slot and close the access panel.



Figure 7: Side view showing the accessible filter compartment for easy cleaning.

## General Cleaning:

- Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh chemicals, abrasives, or solvents.
- Ensure the exhaust hose and window kit are free from obstructions.

## 6. TROUBLESHOOTING

If your De'Longhi Pinguino Portable Air Conditioner is not operating as expected, consult the following common issues and solutions before contacting customer support.

Problem	Possible Cause	Solution
Unit does not turn on.	No power, power cord unplugged, circuit breaker tripped.	Check power connection, ensure outlet is functional, reset circuit breaker if necessary.
Unit is running but not cooling.	Air filter clogged, exhaust hose not properly installed, room too large, windows/doors open.	Clean air filter, ensure exhaust hose is securely connected and venting outside, close all windows and doors, verify room size is within unit's capacity.
Unit is noisy.	Unit not on a level surface, fan speed too high, internal components vibrating.	Ensure unit is on a flat surface, try a lower fan speed, check for any loose parts (refer to full manual).
Water leakage.	Drain plug not secured, internal water tank full (if applicable).	Ensure drain plug is tightly closed. If the unit has a water tank, empty it as per the full manual.

For more detailed troubleshooting, please refer to the complete user manual available online or contact De'Longhi customer support.

## 7. SPECIFICATIONS

**Model Number:** PACEX140ES

**Product Dimensions:** 16.25"D x 14"W x 31.5"H

**Item Weight:** 72.1 pounds

**Cooling Capacity (ASHRAE):** 14,000 BTU

**Cooling Capacity (DOE):** 6,800 BTU

**Recommended Floor Area:** Up to 600 Square Feet

**Voltage:** 115 Volts

**Refrigerant:** R 410A

**Filter Type:** Washable

**Capacity (Dehumidification):** 86.65 Pints

**Seasonal Energy Efficiency Ratio (SEER):** 2.6

**Color:** White

**Form Factor:** Portable

**Assembly Required:** No (for basic setup)

**Batteries Required (for remote):** Yes



Figure 8: Durable castor wheels for easy mobility.



Figure 9: Integrated side handles for convenient lifting and transport.

## 8. WARRANTY & SUPPORT

This De'Longhi Pinguino Portable Air Conditioner comes with a **1-year limited warranty**. Please retain your proof of purchase

for warranty claims.

For detailed warranty information, product registration, or technical support, please refer to the official user manual or visit the De'Longhi website.

You can access the full User Manual (PDF) [here](#).