De'Longhi PACEX360LVYN

De'Longhi PACEX360LVYN Pinguino Portable Air Conditioner User Manual

Model: PACEX360LVYN

1. Introduction

This manual provides essential information for the safe and efficient operation of your De'Longhi PACEX360LVYN Pinguino Portable Air Conditioner. Please read these instructions carefully before using the appliance and retain them for future reference.

The De'Longhi PACEX360LVYN portable air conditioning unit features Cool Surround™ Technology, which utilizes a smart sensing remote to monitor temperature and humidity, delivering targeted cooling. This 3-in-1 unit offers cooling, dehumidification, and fan functions for rooms up to 500 square feet. It operates efficiently and quietly, and includes a BioSilver Washable Filter designed to collect impurities and prevent their re-entry into the air.

2. Important Safety Information

WARNING: To reduce the risk of fire, electrical shock, or injury to persons, observe the following:

- Read all instructions before using this appliance.
- This appliance is for indoor use only.
- Do not operate the unit with a damaged cord or plug. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.
- Always ensure the unit is placed on a flat, stable surface.
- Do not block air outlets or inlets. Maintain a minimum distance of 20 inches (50 cm) from walls or other objects.
- Do not insert fingers or foreign objects into the air inlet or outlet grilles.
- Unplug the appliance from the power outlet when not in use, before cleaning, or before performing any maintenance.
- Do not use the appliance in bathrooms or laundry areas, or in any excessively humid 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.

3. Package Contents

Verify that all components are present and undamaged:

- De'Longhi PACEX360LVYN Portable Air Conditioner Unit
- Window Kit (includes window bracket, exhaust hose, and adapters)
- Remote Control (2 AAA batteries included)

4. Product Overview

Familiarize yourself with the main components of your portable air conditioner.





Figure 4.1: Front view of the De'Longhi PACEX360LVYN Pinguino Portable Air Conditioner. The unit is white with a dark control panel on the upper right side and a De'Longhi Pinguino logo at the top.



Figure 4.2: The portable air conditioner unit displaying its dimensions: 31.7 inches in height, 17.5 inches in width, and 15.4 inches in depth. The unit is equipped with wheels for portability.

Main Components:

- **Control Panel:** Located on the top front of the unit for manual operation.
- **Air Outlet:** Adjustable louvers for directing airflow.
- **Air Inlet Grilles:** Located on the sides or rear for drawing in air.
- **Exhaust Air Outlet:** Connection point for the exhaust hose.
- **Drainage Outlet:** For continuous drainage or emptying the internal water tank.
- **Casters/Wheels:** For easy movement of the unit.
- **Remote Control:** For convenient operation from a distance, featuring Smart Sensing technology.

5. Setup and Installation

The De'Longhi PACEX360LVYN is designed for easy setup. Follow these steps for optimal performance.

5.1 Unit Placement

- Place the unit on a flat, stable surface, ensuring at least 20 inches (50 cm) of clear space around the air inlets and outlets for proper air circulation.
- Position the unit near a window or sliding door for exhaust hose installation.
- The unit is suitable for cooling rooms up to 500 square feet.



Figure 5.1: The portable AC unit positioned in a bedroom, illustrating its capability to cool up to 500 sq. ft. and its 3-in-1 functions: Cool, Circulate, and Dehumidify.

5.2 Window Kit Installation

The included window kit allows for quick and tool-free installation.

1. Extend the window bracket to fit your window opening. Secure it in place.
2. Connect one end of the exhaust hose to the unit's exhaust air outlet.
3. Connect the other end of the exhaust hose to the adapter on the window bracket.
4. Ensure all connections are secure to prevent hot air from re-entering the room.



Figure 5.2: The portable AC unit featuring pre-assembled wheels for easy movement and a visual representation of the no-tools window kit installation process.

5.3 Initial Power-Up

After installation, wait approximately 8 hours before plugging in the unit to allow refrigerants to settle. Plug the unit into a grounded electrical outlet.

6. Operating Instructions

Your De'Longhi PACEX360LVYN offers multiple operating modes and smart features for personalized comfort.

6.1 Control Panel and Remote Control

The unit can be operated via the control panel on the unit or the included remote control. The remote control features Smart Sensing technology.



Figure 6.1: Illustration of the Smart Cool feature, where the remote control senses the temperature and humidity around your position in the room, allowing the unit to deliver targeted cooling.

6.2 Operating Modes

Press the 'MODE' button to cycle through the available functions:

- **Cooling Mode:** Provides powerful cooling. Adjust the desired temperature using the '+' and '-' buttons.
- **Dehumidifying Mode:** Reduces humidity in the room. The fan speed is automatically set to low.
- **Fan Mode:** Circulates air without cooling. Select desired fan speed (low, medium, high).

6.3 Special Features

- **Cool Surround™ Technology:** The Smart Sensing remote monitors the temperature and humidity in its vicinity, allowing the unit to adjust its operation to maintain comfort where you are.
- **Eco Real Feel Technology:** This feature optimizes humidity control to enhance comfort while potentially reducing energy consumption by up to 30%.
- **Arctic Whisper Extreme:** Engineered to reduce operational noise by up to 3dB, offering a quieter cooling experience compared to maximum fan speed.
- **Programmable Timer:** Set the unit to turn on or off automatically at specific times to match your schedule and

save energy.

- **Motorized Air Direction Control:** Adjust the direction of the airflow for customized comfort.



Figure 6.2: Highlighting exclusive features such as balanced humidity, auto-adjusting temperatures, and the Eco Real Feel technology, which can lead to up to 30% energy savings.

7. Maintenance

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

7.1 Cleaning the Air Filter

The BioSilver Washable Filter should be cleaned regularly (every two weeks or more often depending on usage) to maintain efficiency.

1. Unplug the unit from the power outlet.
2. Locate and remove the air filter from the back or side of the unit.
3. Wash the filter under running water (not hot) or clean with a vacuum cleaner.
4. Allow the filter to dry completely before reinserting it into the unit. Do not expose to direct sunlight.

7.2 Draining Condensed Water

During dehumidification or cooling, water condenses inside the unit. The unit has an internal tank, and may require periodic draining, or can be set up for continuous drainage.

- **Manual Drainage:** When the internal tank is full, the unit will stop operating and display an indicator. Unplug the unit, place a shallow pan under the drainage outlet, and remove the drain plug to empty the water.
- **Continuous Drainage:** For prolonged use in dehumidifying mode, connect a drain hose (not included) to the continuous drainage outlet and direct it to a floor drain or suitable container.

7.3 Unit Cleaning

Clean the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners, waxes, or polishes.

7.4 Storage

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

1. Drain all condensed water from the unit.
2. Clean the air filter.
3. Run the unit in fan-only mode for a few hours to dry the internal components.
4. Disconnect the power cord and store it neatly.
5. Cover the unit with a plastic bag to protect it from dust.
6. Store the unit in a dry, cool place.

8. Troubleshooting

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

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; Reset circuit breaker; Empty water tank.
Unit does not cool effectively	Air filter dirty; Air inlet/outlet blocked; Room too large; Doors/windows open; Exhaust hose not properly installed or insulated; Temperature setting too high.	Clean air filter; Clear obstructions; Ensure room size is within specifications (500 sq ft); Close doors/windows; Check exhaust hose installation and consider insulating it; Lower temperature setting.
Unit is noisy	Unit not on a flat surface; Air filter dirty; Internal components vibrating.	Place on a flat surface; Clean air filter; Ensure unit is stable.
Unit displays "PF" error code	Power failure or sensor issue.	Unplug the unit for a few minutes, then plug it back in. If the error persists, contact customer support.
Unpleasant odor from unit	Dirty air filter; Mold/bacteria buildup in drainage system.	Clean air filter thoroughly. Ensure proper drainage and consider cleaning the internal drainage pan if accessible.

9. Specifications

Technical details for the De'Longhi PACEX360LVYN Portable Air Conditioner:

Feature	Detail
Model Number	PACEX360LVYN
Cooling Power	6800 British Thermal Units (SACC) / 12000 BTU (ASHRAE)
Floor Area Coverage	Up to 500 Square Feet
Voltage	115V
Noise Level	53 Decibels
Item Weight	72 pounds
Product Dimensions (D x W x H)	15.4" x 17.5" x 31.7"
Cable Length	6.4 Feet
Included Components	Portable air conditioner, window kit, remote control
Batteries Required	2 AAA (included for remote)
Specific Instructions for Use	Cooling, Fan, Dehumidification
Seasonal Energy Efficiency Ratio (SEER)	7.43



Figure 9.1: Chart illustrating recommended cooling capacity (BTU) based on room area (square feet). It also provides adjustments for heavily shaded, very sunny rooms, additional occupants, and kitchen use.

10. Warranty and Customer Support

10.1 Manufacturer's Warranty

This De'Longhi appliance is covered by a**2-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

10.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact De'Longhi customer support. Contact information can typically be found on the official De'Longhi website or on the product packaging.
When contacting support, please have your model number (PACEX360LVYN) and purchase date available.

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