De'Longhi PAC EM370-6AL WH

De'Longhi Portable Air Conditioner EM370 User Manual

Model: PAC EM370-6AL WH

1. Important Safety Information

Please read this manual carefully before operating your De'Longhi Portable Air Conditioner. Keep these instructions for future reference. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always ensure the unit is placed on a flat, stable surface to prevent tipping.
- Do not operate the unit with a damaged cord or plug. If the cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.
- Do not block air inlets or outlets. Maintain at least 20 cm (8 inches) clearance around the unit for proper airflow.
- This appliance uses eco-friendly refrigerant gas. Ensure proper ventilation during installation and operation.
- Unplug the unit from the power outlet before cleaning or performing any maintenance.
- Do not insert fingers or foreign objects into the air inlets or outlets.
- 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.

2. Product Overview

The De'Longhi EM370 Portable Air Conditioner is a versatile unit designed to provide cooling, dehumidification, and fan-only operation for large rooms up to 500 square feet. Its compact design and integrated castor wheels allow for easy relocation between rooms.



Figure 2.1: Front view of the De'Longhi EM370 Portable Air Conditioner, showcasing its sleek white design and compact form factor.

Key Features:

- **Powerful Cooling:** 11,500 BTU (ASHRAE) / 6,700 BTU (SACC) for effective cooling of large rooms.
- **Multi-functional:** Operates as an air conditioner, dehumidifier, and fan.
- **Programmable Timer:** Allows for scheduled operation to save energy.
- **Washable Dust Filter:** Easy to clean and maintain for optimal performance.
- **Eco-Friendly Refrigerant:** Utilizes environmentally conscious gas.
- **Portability:** Equipped with castor wheels for easy movement.



Figure 2.2: Detailed view of the intuitive control panel and the included remote control, showing temperature display and mode buttons.



Figure 2.3: Close-up of the durable castor wheels, highlighting the unit's mobility for easy repositioning within a room.

3. Setup and Installation

Proper setup is crucial for the efficient operation of your portable air conditioner. Follow these steps carefully.

3.1 Unpacking

1. Carefully remove the unit and all accessories from the packaging.
2. Check for any damage that may have occurred during transit. Contact your retailer if any damage is found.
3. Retain the original packaging for future storage or transportation.

3.2 Placement

- Place the unit on a flat, stable floor, away from direct sunlight and heat sources.
- Ensure there is at least 20 cm (8 inches) of clear space around the unit for proper air circulation.
- Position the unit near a window or opening where the exhaust hose can be vented outdoors.

3.3 Window Venting Kit Installation

The window venting kit is essential for expelling hot air from the room. The kit is designed for most standard sliding windows.

1. Assemble the window bracket by sliding the adjustable sections together to fit your window opening. Secure with screws if provided.
2. Insert the exhaust hose into the hose connector on the back of the unit.
3. Attach the other end of the exhaust hose to the window outlet adapter.
4. Place the window outlet adapter into the opening of the window bracket.
5. Close the window firmly against the bracket to seal the opening. Use foam seals or tape to minimize air leakage around the window kit.



Figure 3.1: The portable air conditioner positioned in a room with the exhaust hose properly installed in a window, demonstrating a typical setup.

3.4 Drainage Setup (Dehumidifying Mode)

While the unit often evaporates moisture in cooling mode, continuous drainage is recommended for dehumidifying mode or in high humidity environments.

- Locate the continuous drainage outlet at the back of the unit.
- Connect a suitable drain hose (not always included) to this outlet.
- Direct the other end of the hose to a floor drain or a large collection bucket, ensuring the hose is sloped downwards for gravity drainage.

4. Operating Instructions

Familiarize yourself with the control panel and remote control for optimal use of your air conditioner.

4.1 Control Panel and Display

The control panel on top of the unit features a digital display and various buttons for mode selection, temperature adjustment, and timer settings.

4.2 Operating Modes

- **Cooling Mode (snowflake icon):** Select this mode for air conditioning. Adjust the desired temperature using the up/down arrows. The unit will cool the room to the set temperature.
- **Dehumidifying Mode (water drop icon):** This mode removes excess moisture from the air. The fan speed is typically fixed in this mode. Ensure continuous drainage is set up.
- **Fan Mode (fan icon):** Circulates air without cooling or dehumidifying. You can select different fan speeds (Low, Medium, High).

4.3 Temperature and Fan Speed Adjustment

- Use the **UP** and **DOWN** arrows on the control panel or remote to set the desired room temperature in Cooling Mode.
- Press the **FAN SPEED** button to cycle through available fan speeds (Low, Medium, High) in Cooling and Fan modes.

4.4 Timer Function

The programmable timer allows you to set the unit to turn ON or OFF automatically after a set period.

1. **To set ON timer:** With the unit OFF, press the **TIMER** button. Use the up/down arrows to set the desired delay time (e.g., 2 hours). The unit will turn on after this delay.
2. **To set OFF timer:** With the unit ON, press the **TIMER** button. Use the up/down arrows to set the desired delay time. The unit will turn off after this delay.

4.5 Remote Control

The remote control provides convenient access to all functions from a distance. Ensure the remote control is pointed towards the unit's receiver when operating.

5. Maintenance

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

5.1 Cleaning the Air Filter

The washable dust filter should be cleaned regularly (every two weeks or more often depending on usage) to prevent dust buildup and maintain cooling efficiency.

1. Unplug the unit from the power outlet.
2. Locate the air filter panel, usually on the back or side of the unit.
3. Remove the filter by gently pulling it out.
4. Wash the filter under running lukewarm water or clean with a vacuum cleaner.
5. Allow the filter to dry completely before reinserting it into the unit. Do not expose to direct sunlight.



Figure 5.1: The washable air filter, shown partially removed from the unit, illustrating the ease of access for cleaning.

5.2 Draining Water

The unit has an internal self-evaporative system, but in high humidity or during prolonged dehumidifier use, the internal water tank may fill. The unit will stop operating and display an error code (e.g., "FL" for full tank).

1. Unplug the unit.
2. Place a shallow pan or tray under the lower drainage outlet at the back of the unit.
3. Remove the rubber cap from the drainage outlet to allow water to drain.
4. Once drained, replace the rubber cap firmly.

5.3 Storage

Before storing the unit for an extended period, especially at the end of the cooling season:

- Drain all accumulated water from the unit.
- Clean the air filter.
- Run the unit in fan-only mode for a few hours to dry the internal components.
- Store the unit upright in a dry, cool place, away from direct sunlight.

6. Troubleshooting

Refer to this section for solutions to common issues you might encounter with your portable air conditioner.

Problem	Possible Cause	Solution
Unit does not turn on.	No power, power cord unplugged, circuit breaker tripped, internal water tank full.	Check power connection, reset circuit breaker, drain water tank if "FL" error is displayed.
Unit cools insufficiently.	Air filter dirty, exhaust hose not properly installed/sealed, room too large, windows/doors open, air intake/outlet blocked.	Clean air filter, ensure exhaust hose is sealed, close windows/doors, clear obstructions.

Problem	Possible Cause	Solution
Unit is noisy.	Unit not on a flat surface, fan speed too high, internal components vibrating.	Ensure unit is on a level surface, reduce fan speed. Some operational noise is normal.
Water leakage.	Drain plug not properly sealed, unit tilted, continuous drainage hose blocked or improperly connected.	Check drain plug, ensure unit is level, inspect and clear continuous drainage hose.
Compressor turns on for short periods then off.	Possible internal issue, unit overheating, refrigerant pressure imbalance.	Unplug the unit for 30 minutes and restart. If problem persists, contact customer support. Do not attempt to repair yourself.

7. Specifications

Detailed technical specifications for the De'Longhi EM370 Portable Air Conditioner.

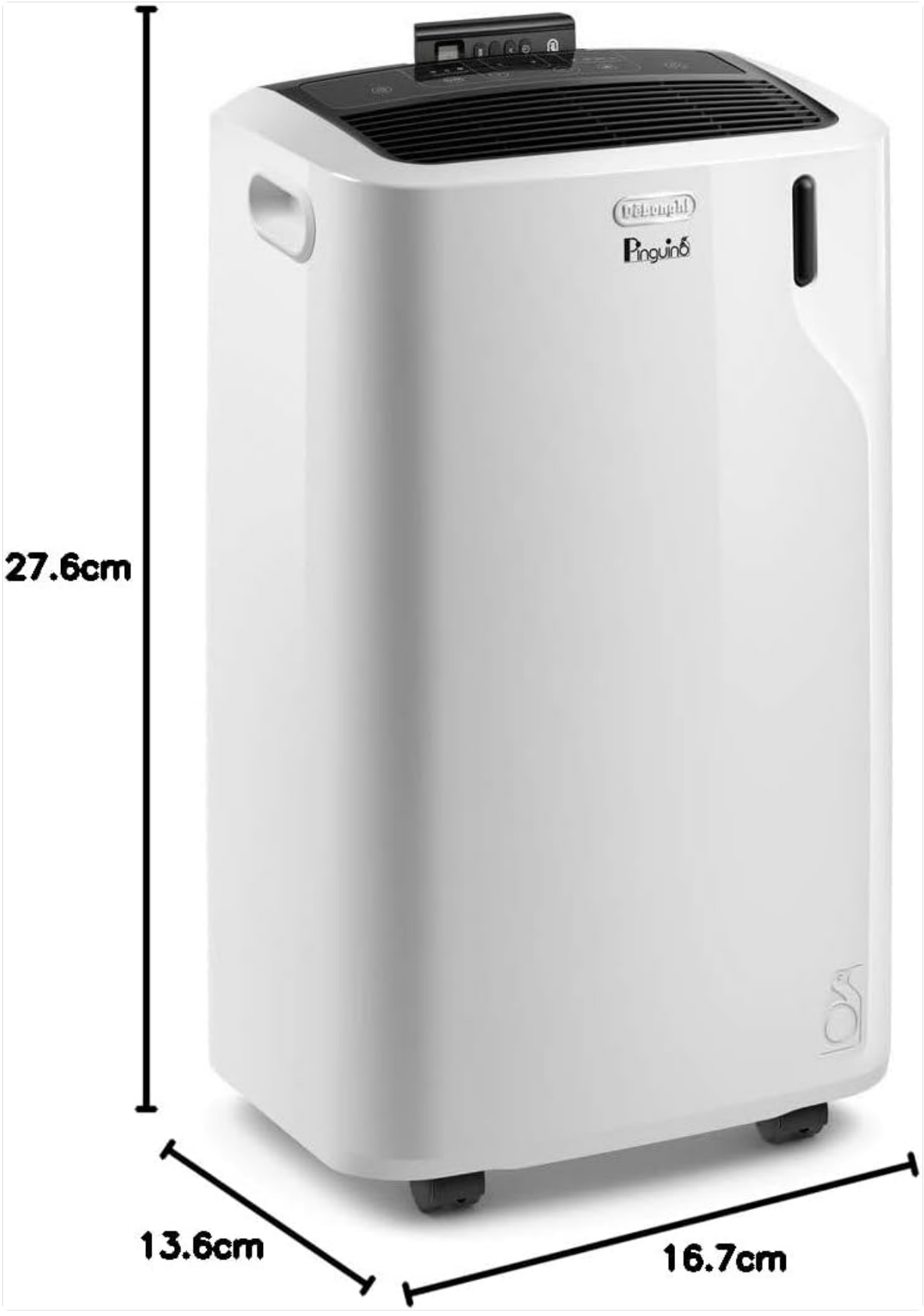


Figure 7.1: Dimensions of the De'Longhi EM370 Portable Air Conditioner, providing measurements for height, depth, and width.

Specification	Value
Brand	De'Longhi
Model Number	PAC EM370-6AL WH
Cooling Power (ASHRAE)	11500 British Thermal Units

Specification	Value
Cooling Power (SACC)	6700 British Thermal Units
Recommended Room Size	Up to 500 sq ft
Product Dimensions (L x W x H)	34.54 x 42.42 x 70.1 cm (13.6D x 16.7W x 27.6H inches)
Item Weight	28 kg
Voltage	115 Volts
Noise Level	53 dB
Special Features	Dust Filter, Dehumidifier, Programmable Timer
Refrigerant Type	Eco-friendly Gas

8. Warranty and Customer 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 with your purchase or visit the official De'Longhi website.
If you experience any issues or have questions not covered in this manual, please contact De'Longhi customer support. Have your model number (PAC EM370-6AL WH) and purchase details ready when contacting support.
For further assistance, visit: www.delonghi.com

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