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Della 048-OPAC-5

DELLA 8,000 BTU Portable Air Conditioner

Model: 048-OPAC-5

User Manual

1. Introduction

This manual provides detailed instructions for the safe and efficient operation, installation, and maintenance of your DELLA 8,000 BTU Portable Air Conditioner. Please read this manual thoroughly before using the appliance and retain it for future reference.

The DELLA Portable Air Conditioner is designed to provide cooling, dehumidification, and fan functions for small to medium-sized rooms, up to 150 square feet. It features smart controls including Wi-Fi connectivity for app control and compatibility with Alexa, a remote control, and an intuitive control panel.



Figure 1: DELLA 8,000 BTU Portable Air Conditioner with remote control and app interface.

2. Product Components and Features

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

2.1 Control Panel Overview



Figure 2: Soft-touch control panel with indicators for Sleep Mode, Child Lock, 24H Timer, Fan Speed, Mode Select, Power ON/OFF, and Temperature Control.

The control panel features intuitive soft-touch buttons for easy operation:

- **Sleep Mode:** Activates a quiet, energy-saving mode for nighttime use.
- **Child Lock:** Prevents accidental changes to settings.
- **Timer/Wi-Fi:** Sets the 24-hour timer or activates Wi-Fi pairing.
- **Speed:** Adjusts fan speed (Low, High).
- **Mode:** Selects operating mode (Cool, Dry, Fan).
- **Power:** Turns the unit ON or OFF.
- **Temperature Control:** Adjusts desired temperature.

3. Setup and Installation

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

3.1 Unpacking

1. Carefully remove the air conditioner and all accessories from the packaging.
2. Check that all components are present: Portable AC unit, exhaust hose, window sealing board (3 sections), remote control, and user manual.
3. Place the unit on a flat, stable surface, ensuring there is at least 20 inches of clear space around the unit for proper airflow.

3.2 Window Kit Installation

The included window kit is designed for quick and easy installation in both horizontal and vertical sliding windows.

Figure 3: Installation steps for the exhaust hose and window kit.

1. **Step 1:** Slide the exhaust hose connector into the back of the AC unit until it clicks securely into place.
2. **Step 2:** Attach the exhaust hose to the port on the window sealing board. Ensure a tight connection to prevent air leakage.
3. **Step 3:** Adjust the 3-section sealing board to fit your window opening (25.5" to 64.1" range). Secure the board in the window frame.
4. **Step 4:** Connect the exhaust hose to the window sealing board. Ensure the hose is not kinked or bent sharply, as this can restrict airflow and reduce efficiency.



Figure 4: The window kit is compatible with both horizontal and vertical sliding windows.

4. Operating Instructions

Your DELLA Portable Air Conditioner offers multiple ways to control its functions for maximum convenience.

4.1 Using the Control Panel

Refer to Figure 2 for the layout of the control panel buttons. Press the desired button to activate or adjust settings.

- **Power:** Press to turn the unit ON or OFF.
- **Mode:** Cycle through Cool, Dry, and Fan modes.
- **Temperature:** Use the Up/Down arrows to set the desired temperature (61°F - 90°F).
- **Fan Speed:** Select Low or High fan speed.
- **Timer:** Press to set the auto-on or auto-off timer (up to 24 hours).
- **Sleep:** Activates sleep mode for quieter operation and gradual temperature adjustment.

- **Child Lock:** Press and hold the Child Lock button for 3 seconds to activate/deactivate.

4.2 Using the Remote Control

The included remote control allows you to operate the unit from a distance. Ensure the remote control is pointed towards the unit's receiver.

- All functions available on the control panel can be accessed via the remote control.
- Insert two AAA batteries (not included) into the remote control before first use.

4.3 Smart Device App Control (Della+ App, Alexa, Google Assistant)

Control your air conditioner from anywhere using the Della+ app on your smartphone or through voice commands with Alexa or Google Assistant.



Figure 5: Control your unit remotely using the Della+ App or voice assistants.

1. **Download the Della+ App:** Search for "Della+" in your smartphone's app store and install it.
2. **Pairing:** Follow the in-app instructions to connect your air conditioner to your home Wi-Fi network.

3. **Voice Control:** Once paired, enable the Della+ skill/action in your Alexa or Google Home app to use voice commands.

The app also supports **Geo Fencing**, allowing the unit to automatically turn on or off based on your proximity to home.



Figure 6: Geo Fencing feature automatically adjusts cooling based on your location.

5. Modes and Advanced Features

5.1 Operating Modes

- **Cool Mode:** Provides powerful cooling for rooms up to 150 sq. ft. The temperature range is 61°F (16°C) to 90°F (32°C).
- **Dry Mode (Dehumidifier):** Removes up to 48 pints of moisture per day, ideal for humid conditions.
- **Fan Mode:** Circulates air without cooling. Features 2 fan speeds and auto-swing up-down for optimal air distribution.

5.2 Efficiency and Quiet Operation

The unit incorporates MightyAir X Tech for enhanced performance and quiet operation.



Figure 7: Ultimate Efficiency with 30% more efficiency and 8,000 BTU cooling capacity.

- **MightyAir X Tech:** Delivers 30% more speed and long-range wind blowing up to 15 feet for faster cooling.
- **Whisper-Quiet Mode:** Operates at a low noise level of 49dB, making it 18% quieter than comparable units for peaceful comfort.



Figure 8: Enjoy peaceful comfort with the 49dB Whisper-Quiet Mode.



Figure 9: MightyAir X Tech provides powerful, long-range airflow.

6. Maintenance

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

6.1 Filter Cleaning

The unit features a removable and washable double-layer filter. Clean the filter regularly (every two weeks or more often depending on usage) to maintain air quality and cooling efficiency.

1. Turn off and unplug the unit before cleaning.
2. Locate and remove the filter from the back of the unit.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinserting it into the unit. Do not use a dryer or direct sunlight.

6.2 Water Drainage

The unit features a self-evaporate system, which typically handles most condensate. However, in high humidity conditions, the water tank may fill up, indicated by a "FL" (Full Level) error on the display.



Figure 10: Options for water drainage, including the water full indicator.

- **Manual Drainage:** When the "FL" indicator appears, turn off the unit. Place a shallow pan under the drainage port at the bottom rear of the unit. Remove the drain plug to allow water to flow out. Replace the plug once drained.
- **Continuous Drainage (Optional):** For continuous drainage, connect a drain hose (not included) to the continuous drainage port and route it to a floor drain or suitable container.

7. Troubleshooting

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

Problem	Possible Cause	Solution
Unit does not turn on.	No power, power cord unplugged, circuit breaker tripped.	Ensure unit is plugged into a working outlet. Check circuit breaker.
Unit does not cool effectively.	Dirty air filter, exhaust hose kinked/blocked, room too large, windows/doors open.	Clean air filter. Straighten exhaust hose. Ensure room size is within specifications. Close windows/doors.
"FL" (Full Level) indicator is on.	Water tank is full.	Drain the water tank manually as described in Section 6.2.
Unit is noisy.	Unit not on a level surface, fan obstruction.	Place unit on a flat, stable surface. Check for obstructions around fan.
Remote control not working.	Batteries dead or incorrectly inserted, obstruction between remote and unit.	Replace batteries. Ensure clear line of sight to unit's receiver.

8. Specifications

Feature	Detail
Model Number	048-OPAC-5
Cooling Capacity (ASHRAE)	8,000 BTU
Cooling Capacity (SACC)	5,000 BTU

Feature	Detail
Coverage Area	Up to 150 sq. ft.
Temperature Range	61°F (16°C) - 90°F (32°C)
Dehumidifier Capacity	Up to 48 pints/day
Fan Speeds	2 (Low, High)
Noise Level	49dB (Whisper-Quiet Mode)
Product Dimensions (D x W x H)	12.2" x 12.2" x 27.6"
Item Weight	54 pounds
Voltage	120 Volts
Power Source	Corded Electric
Included Components	Portable air conditioner, exhaust hose, window kit, remote control, manual

9. Warranty and Support

9.1 Limited Warranty

Your DELLA Portable Air Conditioner comes with a **1-Year Limited 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. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official Della website.

9.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact Della Customer Support. Our technicians are available M-F PST, and product support is available 24/7 via live chat.
You can visit the official Della Store on Amazon for more information and support resources:Della Store
Please have your model number (048-OPAC-5) and purchase date ready when contacting support.

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