

## Della 048-TL-W10KI

# DELLA 10000 BTU Smart Inverter Window Air Conditioner User Manual

Model: 048-TL-W10KI | Brand: Della

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient operation, installation, and maintenance of your DELLA 10000 BTU Smart Inverter Window Air Conditioner. Please read it thoroughly before using the appliance and retain it for future reference.

The DELLA 10000 BTU Smart Inverter Window Air Conditioner is designed for efficient cooling of spaces up to 440 sq. ft. It features advanced DC Inverter technology for energy savings and ultra-quiet operation. Smart features include Wi-Fi connectivity for control via the DELLA+ app, compatibility with Alexa, and GEO Location functionality.

## 2. SAFETY INFORMATION

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**WARNING: Proposition 65 Warning: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**

- Always ensure the unit is properly grounded.
- Do not operate the unit with a damaged power cord or plug.
- Keep children away from the appliance.
- Do not block air inlets or outlets.
- Disconnect power before cleaning or servicing.
- Ensure proper ventilation during installation.

## 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- Window Air Conditioner Unit
- Instruction Manual
- Remote Control
- Installation Accessories (screws, weather stripping, side panels)

## 4. SPECIFICATIONS

Feature	Specification
Brand Name	Della
Model Info	048-TL-W10KI
Item Weight	57.8 pounds
Product Dimensions	20.67 x 19.25 x 13.39 inches
Efficiency	High (Energy Star Certified, 15 CEER)
Capacity	10000 BTU (0.83 Tons)
Noise Level	42 Decibels
Installation Type	Window
Special Features	Dehumidifier, Fast Cooling, Inverter Compressor, Remote Controlled, WiFi Enabled
Color	White
Voltage	115 Volts
Wattage	950 watts
Material Type	Plastic
Floor Area Coverage	Up to 440 Sq.Ft (520 Sq.Ft listed in some specs)
Refrigerant	R32

## 5. INSTALLATION

The DELLA 10000 BTU Smart Inverter Window Air Conditioner is designed for easy installation in windows ranging from 24 to 36 inches wide, with a minimum height of 14.5 inches. It is recommended to have two people for installation due to the unit's weight.

### Installation Steps:

1. **Prepare the Window:** Ensure the window frame is clean and clear of obstructions. Measure the window opening to confirm compatibility.
2. **Install Top Rail:** Attach the top rail to the top of the air conditioner unit using the provided screws.
3. **Mount the Unit:** Carefully place the air conditioner unit into the window opening. Ensure the bottom rail rests securely on the windowsill.
4. **Secure the Unit:** Extend the side panels to fill the window opening and secure them to the window frame

using the provided screws. It is strongly recommended to drill guide holes in some window frames before screwing.

5. **Seal the Gaps:** Apply the included weather stripping and putty to seal any gaps around the unit and side panels to prevent air leakage and improve efficiency.
6. **Power Connection:** Plug the unit into a standard 115V/60Hz electrical outlet.

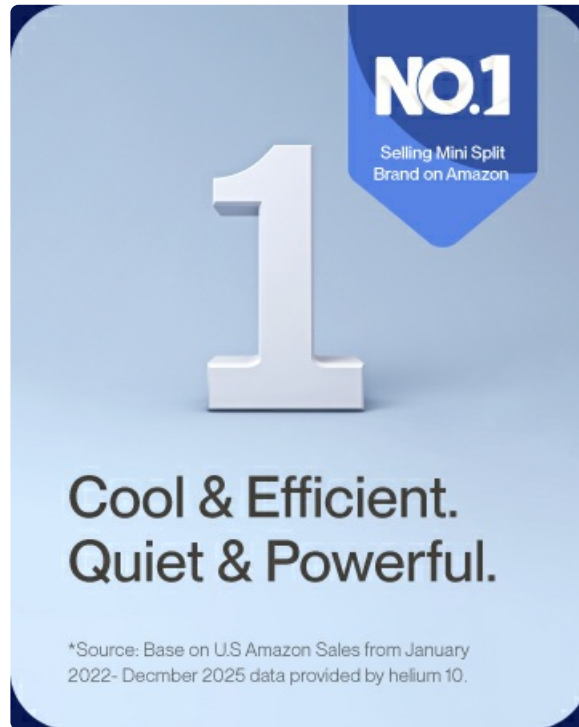


Figure 5.1: Easy installation of the DELLA window AC unit.



Figure 5.2: Visual guide for the 3-step installation process.

## 6. OPERATING INSTRUCTIONS

Your DELLA Smart Inverter Window Air Conditioner offers multiple operating modes and smart features for optimal comfort.

### Control Panel and Remote Control:

All functions can be set using the LED digital display on the unit or the included remote control. The temperature setting range is 61°F-88°F.

## Operating Modes:

- **Auto Mode:** Automatically selects the appropriate operating mode (Cool, Fan, Dry) based on the room temperature.
- **Cool Mode:** Provides powerful cooling. Adjust fan speed and temperature for desired comfort.
- **Fan Mode:** Circulates air without cooling. Choose from 3 fan speeds (Low, Mid, High).
- **Dry Mode (Dehumidifier):** Reduces humidity in the room.
- **ECO Mode:** Optimizes energy consumption by cycling the compressor on and off to maintain the set temperature.
- **Sleep Mode:** Gradually increases the set temperature over time to save energy and ensure comfortable sleep with ultra-quiet operation (as low as 42 dBA).

## Smart Features (Wi-Fi Enabled):

Control your air conditioner from anywhere using the DELLA+ application on your iOS or Android smartphone. The app allows you to adjust all settings, set schedules, and utilize GEO Location features.



Figure 6.1: DELLA+ App for remote control and smart features.

## GEO Location Function:

The GEO Location feature allows your AC unit to automatically adjust its operation based on your proximity to your home. For example, it can turn on before you arrive home to ensure a cool environment.

Video 6.1: Tutorial on setting up and customizing the Geo Location function via the DELLA+ app.

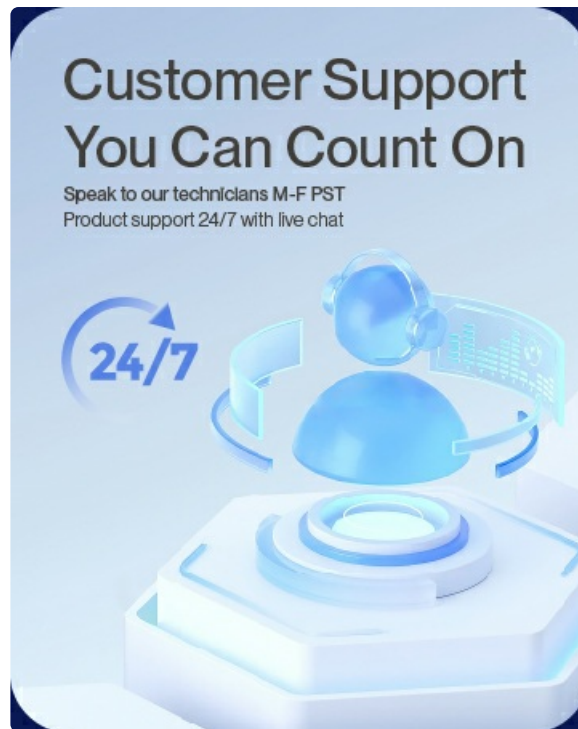


Figure 6.2: Smart Geo Location feature in action.

### Quiet Operation:

The advanced DC Inverter technology ensures ultra-low noise levels, as low as 42 dBA, making it suitable for bedrooms and quiet environments.

Video 6.2: Demonstration of the DELLA Smart Inverter Window Air Conditioner's ultra-quiet operation.

Video 6.3: A brief overview of the DELLA window AC unit, highlighting its features and quiet performance.



Figure 6.3: The DELLA AC unit's quiet operation ensures undisturbed sleep.

## 7. MAINTENANCE

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

### Air Filter Cleaning:

The unit features a washable and reusable air filter. To clean:

1. Gently slide out the air filter from its housing.
2. Wash the filter with warm water and mild dishwashing soap, or use a vacuum cleaner to remove dust.
3. Rinse thoroughly and ensure the filter is completely dry before reinstalling.
4. Reinstall the dry filter into the unit.

**Frequency:** Clean the air filter every two weeks or more frequently depending on usage and air quality.

## 8. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Unit does not turn on	No power, tripped circuit breaker, loose plug connection.	Check power supply, reset circuit breaker, ensure plug is firmly inserted.
Insufficient cooling	Dirty air filter, blocked air vents, room too large, doors/windows open.	Clean air filter, clear vents, ensure room size is within capacity, close doors/windows.
Unit is noisy	Loose parts, unit not level, normal operating sounds (e.g., refrigerant flow).	Check for loose parts, ensure unit is level, consult manual for normal sounds.
Wi-Fi connection issues	Incorrect Wi-Fi password, unit too far from router, 5GHz network selected.	Verify password, move unit closer to router, ensure connection to 2.4GHz network.

## 9. WARRANTY AND SUPPORT

Your DELLA 10000 BTU Smart Inverter Window Air Conditioner comes with a **1-Year Warranty**.

For customer support, technical assistance, or warranty claims, please contact Della customer service. They offer 24/7 support and live chat with technicians from Monday to Friday PST.

For more information, visit the [Della Store on Amazon](#).