

Della 12K2VR-22S-M-I+O

DELLA Serena 12000 BTU 22 SEER2 Mini Split Heat Pump Instruction Manual

Model: 12K2VR-22S-M-I+O

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your DELLA Serena 12000 BTU 22 SEER2 Mini Split Heat Pump. This system is designed to provide energy-efficient heating and cooling for rooms up to 550 sq. ft., featuring smart home integration and advanced climate control technologies.

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your DELLA Mini Split system. This system requires professional installation and is not intended for DIY setup. Please ensure all power sources are turned off before beginning any wiring or installation procedures.

Installation Kit Contents

The 16.4ft installation kit includes standard size 1/4" & 3/8" outer dimension copper pipes and a 78.7" drain pipe. A maximum fuse size of 15A is required. Line-set vacuuming is mandatory during installation, and any alteration of line-set length necessitates adjusting refrigerant levels. The system is pre-loaded with R32 refrigerant for up to 25 ft.



Image: Components of the DELLA Serena Mini Split installation kit, including indoor unit, outdoor unit, refrigerant pipes, remote control, plastic wrap, wall cap, mounting plate, AAA batteries, plasticine putty, power cords, communication cable, and bracket template.

Unit Dimensions



Image: Diagram showing the dimensions of the DELLA Serena indoor unit (30.24"W x 7.87"D x 11.77"H) and outdoor unit (27.76"W x 10.98"D x 20.85"H).

Installation Videos

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Video: This video provides detailed instructions on how to correctly wire your DELLA mini split unit, ensuring proper electrical connections for safe operation.

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Video: A comprehensive guide on installing your DELLA Mini Split Unit, covering mounting, line set connections, and other critical steps.

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Video: This video highlights 5 urgent steps you need to know before installing your Della Mini Split, focusing on critical pre-installation checks and considerations.

OPERATING INSTRUCTIONS

Your DELLA Serena Mini Split offers various modes and smart features for personalized comfort and energy efficiency.

Smart Control Features

Control your unit from anywhere using the DELLA app via WIFI, or with Alexa/Google Home voice commands. The exclusive geo-location function automatically adjusts the temperature based on your proximity, saving energy when you're away and ensuring comfort upon your return. A remote control is also included for direct unit management.



Image: The remote control for the DELLA Serena Mini Split, showing buttons for various functions such as power, temperature adjustment, mode selection, fan speed, swing, turbo, quiet mode, ECO mode, sleep mode, timer, vicinity sensor, and PureClean.

Available Modes and Functions

- **4D Air Flow:** Adjusts air direction (up-down, left-right) for even distribution.
- **I Feel Mode:** Senses the temperature around the remote control for precise comfort.
- **24 Hour Timer:** Schedule on/off times for convenience.
- **Sleep Mode:** Automatically adjusts temperature for comfortable sleep and energy saving.
- **Eco Energy Saving Mode:** Optimizes operation for reduced power consumption.
- **Multiple Fan Speeds:** Choose from various fan speeds for desired air circulation.
- **Turbo Function:** Provides rapid cooling or heating.

- **Heating, Cooling, Auto Modes:** Standard operational modes for different climate needs.
- **Dry Mode:** Dehumidifies the air to reduce moisture.

App and Geo-Location Videos

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Video: An overview of the Della Mini Split app 3.0, demonstrating its interface and various control features for your unit.

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Video: Learn how to utilize the Geo Location Function of your DELLA Mini Split, allowing the unit to adjust settings based on your location for optimized comfort and energy savings.

MAINTENANCE

Regular maintenance ensures the continued efficiency and performance of your DELLA Mini Split system.

- **Filter Cleaning:** Seasonal cleaning of the reusable filters is recommended to maintain air quality and unit efficiency.
- **PureClean Technology:** The unit features PureClean tech to prevent dust buildup and defrost the indoor unit, contributing to healthier air.
- **Outdoor Unit Defrosting:** Equipped with a bottom heating element, the outdoor unit prevents ice buildup during winter operation, ensuring efficient defrosting and reliable performance even at low temperatures (down to 5°F/-15°C).

TROUBLESHOOTING

For common operational issues, please refer to the detailed troubleshooting section in the full user manual provided with your unit. If you encounter persistent problems or require technical assistance, please contact DELLA customer support.

SPECIFICATIONS

Feature	Detail
Brand Name	Della
Model Info	12K2VR-22S-M-I+O
Item Weight	16.5 pounds
Product Dimensions	7.87 x 30.24 x 11.77 inches
Efficiency	High (22 SEER2)
Capacity	1 Tons (12000 BTU/h)
Noise Level	22 Decibels (in mute mode)
Installation Type	Split System
Form Factor	Mini-Split
Special Features	Dehumidifier, Remote Controlled, WiFi Enabled, PureClean Tech, Geo-location

Color	White
Voltage	230 Volts
Wattage	1000 watts
Material Type	Plastic
Included Components	1 x Mini-Split Air Conditioner, Manual
Refrigerant	R32 (pre-loaded for up to 25 ft)

WARRANTY INFORMATION

The DELLA Serena Mini Split Heat Pump comes with a lifetime warranty, ensuring peace of mind regarding your investment. Please refer to the warranty card included with your product for full terms and conditions.

CUSTOMER SUPPORT

For any questions, technical assistance, or support needs, DELLA offers 24/7 live chat services. You can also find contact information in your product manual or on the official DELLA website.