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> DELLA 20K BTU ODU 2 Dual Zone 9000 9000 BTU Wifi Mini Split Air Conditioner Work with Alexa, 20 SEER2 208-230V Cools Up to 800 Sq.Ft Multi Zone Ductless Pre-Charged Heat Pump, 16ft Installation Kits Dual Zone(2) 20000 BTU 9+9 User Manual

## Della 1D2-TL+D99

# DELLA 20K BTU Dual Zone Mini Split Air Conditioner User Manual

Model: 1D2-TL+D99

## INTRODUCTION

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Thank you for choosing the DELLA 20K BTU Dual Zone Mini Split Air Conditioner. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new air conditioning system. Please read this manual thoroughly before installation and use, and keep it for future reference.

This system features two 9,000 BTU indoor air handlers and one outdoor condenser, providing efficient cooling and heating for up to 800 sq. ft. (400 sq. ft. per indoor unit). It boasts a 20 SEER2 rating for energy efficiency and utilizes R454B refrigerant. Key features include Wi-Fi connectivity, smart app control, and quiet operation.

## PRODUCT COMPONENTS

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The DELLA Mini Split Air Conditioner system includes the following main components and accessories:

- Indoor Units (2x 9,000 BTU)
- Outdoor Condenser Unit
- Remote Controls (2x)
- 16ft Copper Pipes (2 sets, 1/4" & 3/8" outer dimension)
- Installation Kits (2 sets)
- Drain Pipes (78.7" length)
- User Manual

# Lifetime Coverage

Unmatched Warranty Gives You Peace of Mind



Best In-Class



No Additional Costs



Customer Support



Figure 1: Exploded view of DELLA Mini Split components.

Each indoor unit comes with its own controller for independent temperature management in different rooms.

## SETUP AND INSTALLATION

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**Important:** This system mandates professional installation. It is not a DIY mini split AC. Improper installation can lead to serious injury, property damage, or void the warranty.

1. **Site Selection:** Choose appropriate locations for both indoor and outdoor units, ensuring proper airflow, drainage, and accessibility for maintenance.
2. **Mounting:** Securely mount the indoor units and outdoor condenser according to the provided installation kit instructions.
3. **Line-Set Connection:** Connect the copper refrigerant pipes and drain pipes between the indoor and outdoor units. **Line-set vacuuming is required during installation.** Any alteration of line-set length requires adjusting freon levels by a certified technician.

4. **Electrical Wiring:** Connect the electrical wiring as per local codes and the wiring diagram in the detailed installation guide. Ensure the maximum fuse size is 25A.
5. **Initial Power-Up:** After all connections are secure and verified by a professional, power on the unit.

# Make every room your comfort zone

Set each mini split to someone's personal comfort zone or leave it off and save \$\$\$.

Better for your wallet & the earth.

**50ft** total line set  
pre-charged



No extra refrigerant needed  
Just install and enjoy!

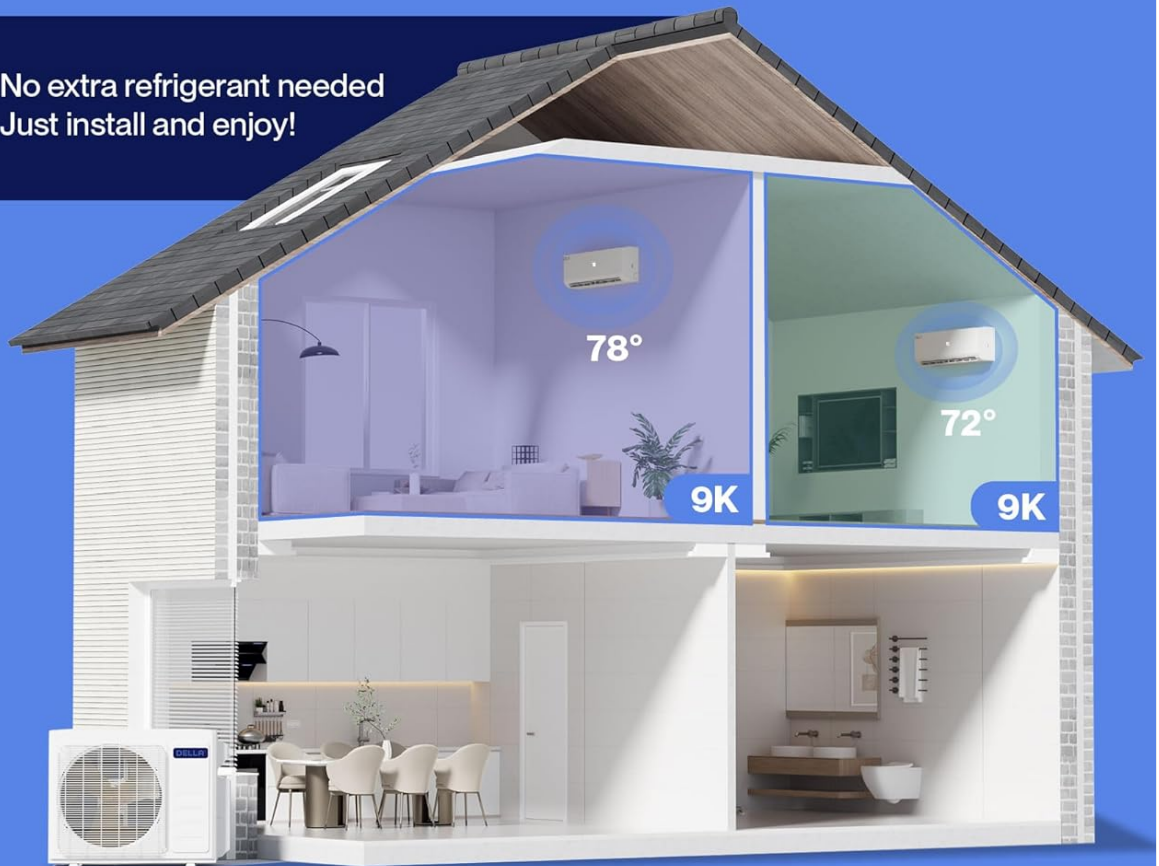


Figure 2: Dual zone setup for multi-room comfort.

## OPERATING INSTRUCTIONS

Your DELLA Mini Split Air Conditioner is designed with user-friendly controls and smart features for optimal comfort.

### Remote Control Operation

The included remote controls allow direct management of each indoor unit. Functions include:

- On/Off
- Temperature Adjustment (60-90 degrees Fahrenheit range)
- Mode Selection (Cooling, Heating, Dry/Dehumidifying, Fan Only, Auto)

- Fan Speed Adjustment (Multiple speeds)
- 4D Air Flow (Up-down, Left-right oscillation)
- Sleep Mode
- Turbo Function
- ECO Energy Saving Mode
- 24 Hour Timer
- I Feel Mode



Figure 3: Remote Control Functions.

### Smart App and Wi-Fi Control

Control your air conditioner from anywhere using the DELLA+ app on your smartphone. The unit is Wi-Fi enabled and compatible with Alexa for voice control.

# We work remotely, too

## Use Our Smart App For Complete Wireless Control

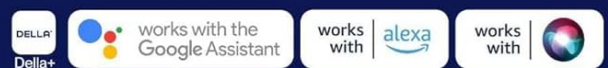


Figure 4: DELLA+ App Interface.

The app allows for advanced features such as:

- Remote On/Off and Temperature Adjustment
- Scheduling and Timer Functions
- Mode and Fan Speed Selection
- Smart Geo Location (automatic AC control based on your location)
- Voice Control via Alexa

Video 1: Demonstration of the Della Mini Split App 3.0 features, including mode selection, fan speed adjustment, airflow control, scheduling, and timer settings.

# Made to live with you



## Smart Geo Location

Only Della+ allows you to experience unique automatic smart AC controls based on your location, even hands-free while driving.

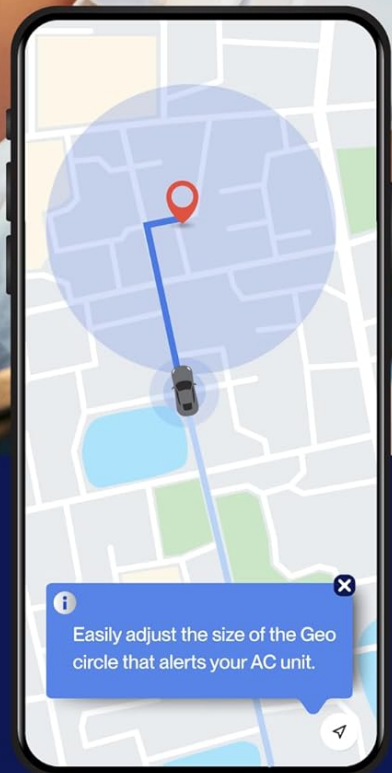


Figure 5: Smart Geo Location feature in action.

## MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your DELLA Mini Split Air Conditioner.

- **Filter Cleaning:** Clean the air filters of the indoor units regularly (e.g., every 2-4 weeks, depending on usage) to maintain air quality and efficiency. Refer to the detailed manual for filter removal and cleaning instructions.
- **Outdoor Unit Cleaning:** Keep the outdoor condenser unit clear of debris, leaves, and other obstructions to ensure proper airflow and heat exchange. Periodically clean the coils with a soft brush or vacuum.
- **Professional Check-up:** It is recommended to have a qualified technician perform an annual inspection and cleaning of the entire system, including refrigerant levels and electrical connections.

**Note on Self-Cleaning Function:** This specific model does not support the Self-Cleaning Function, despite the option potentially appearing on the display after pressing a self-cleaning button. The self-cleaning operation will not be performed.

## TROUBLESHOOTING

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If you encounter issues with your DELLA Mini Split Air Conditioner, please refer to the following common troubleshooting tips before contacting customer support:

- **Unit Not Turning On:** Check the power supply, circuit breaker, and ensure the remote control batteries are not depleted.
- **Insufficient Cooling/Heating:** Verify the set temperature is appropriate. Ensure air filters are clean and not obstructed. Check if outdoor unit coils are dirty or blocked. Confirm all doors and windows are closed in the conditioned space.
- **Unusual Noises:** A slight whooshing sound is normal due to refrigerant flow. Excessive or new noises may indicate an issue requiring professional inspection.
- **Water Leaks:** Check if the drain pipe is clogged or improperly installed. Ensure the indoor unit is level.
- **Wi-Fi Connectivity Issues:** Ensure your Wi-Fi network is active and the unit is within range. Follow the app's pairing instructions carefully.

For persistent issues or error codes, please consult the comprehensive troubleshooting section in the full user manual (PDF) or contact DELLA customer support.

## SPECIFICATIONS

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| Feature                     | Specification                                   |
|-----------------------------|---|
| Model Number                | 1D2-TL+D99                                      |
| Brand                       | Della   |
| BTU Capacity (Outdoor Unit) | 20,000 BTU/h                                    |
| BTU Capacity (Indoor Units) | 2 x 9,000 BTU/h                                 |
| SEER2 Rating                | 20 SEER2  |
| Voltage                     | 208-230V  |
| Wattage                     | 1370 watts                                      |
| Refrigerant Type            | R454B   |
| Coverage Area               | Up to 800 Sq. Ft. (400 Sq. Ft. per indoor unit) |
| Noise Level                 | Ultra silent at only 43 dBa                     |
| Heat Pump Operation         | Down to -13°F (-25°C)                           |
| Maximum Fuse Size           | 25A   |
| Product Dimensions          | 8 x 31.94 x 11.5 inches (Indoor Unit)           |
| Item Weight                 | 19.8 pounds (Indoor Unit)                       |

# 20 SEER2

Powered by  
MightyAir X

Cool more, lower energy usage



\*Base on 2,000 hours compared to government SEER2 requirements.

Figure 6: Energy Efficiency Comparison (20 SEER2).

## WARRANTY AND SUPPORT

### Warranty Information

DELLA offers a comprehensive warranty for this product, providing peace of mind. This includes a limited lifetime warranty, which is considered best-in-class and comes with no additional costs.



Figure 7: Lifetime Coverage and Warranty.

## Customer Support

For any questions, technical assistance, or warranty claims, please contact DELLA customer support. Support is available 24/7 via live chat, and phone support is available from 6 AM to 4 PM PST.

You can also refer to the official [User Manual \(PDF\)](#) for more detailed information and diagrams.