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Della 1D4-TL+Q9999

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MODEL: 1D4-TL+Q9999

1. INTRODUCTION

Product Description

The Della 35K BTU Quad 4 Zone 19 SEER2 Multi-Zone Mini Split AC Heat Pump System is an energy-efficient solution for cooling and heating multiple rooms. This 208-230V unit features a mini split inverter plus system with a heat pump capable of operating in temperatures as low as -13°F (-25°C) and DC Inverter technology for up to 30% power savings. It provides ample coverage for up to 1600 sq. ft. with four independent 9000 BTU indoor air handlers, each with separate controls. The system is designed for quiet operation at only 29 dBa and includes smart functions like 4D airflow, 'I Feel' mode, 24-hour timer, sleep mode, ECO energy-saving mode, multiple fan speeds, turbo function, and dry mode for dehumidifying. It is also compatible with Alexa and WiFi for smart control.

Safety Information

Important: This system mandates professional installation. It is not a DIY mini split AC. Any alteration of line-set length requires adjusting freon levels. Line-set vacuuming is required during installation. Always ensure all power sources are turned off before connecting any wires or performing maintenance. Consult a qualified HVAC professional for installation and complex maintenance tasks to ensure safe and correct operation.

2. PRODUCT OVERVIEW

Key Features

- **Energy Efficient:** 19 SEER2 rating with DC Inverter technology for up to 30% power savings.
- **Multi-Zone Comfort:** Four 9000 BTU indoor air handlers for individual temperature control in up to 4 rooms (400 sq. ft. per unit).
- **Wide Operating Range:** Provides cooling and heating in environments from -13°F (-25°C) to 131°F (55°C).
- **Smart Control:** Works with Alexa and WiFi, controllable via the Della+ app for advanced features like Geo Location, schedules, and various modes.
- **Quiet Operation:** Ultra-silent at only 29 dBA.
- **Advanced Functions:** Includes 4D airflow, 'I Feel' mode, 24-hour timer, sleep mode, ECO energy-saving mode, multiple fan speeds, turbo function, and dry mode.
- **Durable Design:** Gold-plated fins prevent rust corrosion for long-lasting performance.

Components

The Della Mini Split AC system includes the following main components and installation accessories:



Figure 1: Della Mini Split AC System Components Diagram

This image displays an exploded view of the Della Mini Split AC system, highlighting its various components. Key parts include the Indoor Unit, Outdoor Unit, Refrigerant Pipe, Drain Lines, Remote Control, Rubber Feet, Insulation Foam, Mounting Plate, Drain Elbow, Wall Sleeve, Plasticine Putty, Screws, Anchors, Wall Cap, Plastic Wrap, Communication Cable, and Bracket Template.

3. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your Della Mini Split AC system. It is highly recommended that installation be performed by a qualified professional.

Important Pre-Installation Steps

Before beginning the installation, review these critical steps to ensure a smooth and efficient setup:

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Video 1: 5 Urgent Steps Need to Know Before Installing Della Mini Split

This video highlights five critical considerations for proper installation of a Della Mini Split system, including optimal location, careful handling of refrigerant pipes, correct line set bundling, the necessity of vacuum pumping, and

ensuring safe electrical connections.

Installation Process

Follow this step-by-step guide for the physical installation of your Della Mini Split unit:

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Video 2: Install Your DELLA Mini Split Unit

This detailed video provides a step-by-step guide on installing the Della Mini Split AC unit. It covers marking locations using a template, securing the bracket, routing line sets and electricals through the wall, mounting the indoor unit, connecting line sets to the condenser, and performing vacuuming and refrigerant release.

Electrical Wiring

Ensure all electrical connections are made correctly and safely. Always turn off power at the breaker before starting any wiring work.

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Video 3: How to wire your Della unit

This video provides clear instructions on correctly wiring the Della Mini Split unit. It details how to connect the ground wire first, followed by numbered wires (black, white, and yellow) to their corresponding terminals on both the indoor and outdoor electrical blocks, ensuring proper and safe electrical setup.

4. OPERATING INSTRUCTIONS

Your Della Mini Split AC system offers various ways to control your indoor climate for maximum comfort and efficiency.

Remote Control Functions

The included remote control provides full functionality to manage your unit. Familiarize yourself with its buttons and their corresponding actions:

Stay Cool ! Award-Winning Control



Figure 2: Della Mini Split AC Remote Control Functions

This image illustrates the remote control for the Della Mini Split AC, detailing the functions of each button. Key controls include: Switch Modes, Fan Speed, Vertical Swing, Turbo On/Off, ECO Mode, Timer Setting, Display Light, On/Off, Temp Up, Horizontal Swing, Temp Down, Quiet Mode, Sleep Mode, Vicinity Sensor, and PureClean.

Smart App Control (Della+ App)

Control your Della unit effortlessly from anywhere using the free Della+ app, available for download from your app store. The app offers a sleek, user-friendly interface and integrates with Google Assistant and Alexa.

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Video 4: Della Mini Split App 3.0

This video demonstrates the features and user interface of the Della+ mobile application. It showcases how to control temperature settings, select various operating modes, adjust fan speed, manage airflow, set sleep modes, and utilize scheduling and timer functions for personalized comfort.



Vario Mini Split AC

No.1 Selling Mini Split Brand on Amazon

*Base on U.S Amazon Sales from January2022-December2025 data provided by helium 10

Figure 3: Della+ Smart App Interface for Wireless Control

Three smartphone screens displaying the Della+ app interface for controlling the unit, including temperature settings, modes, fan speed, and timer.

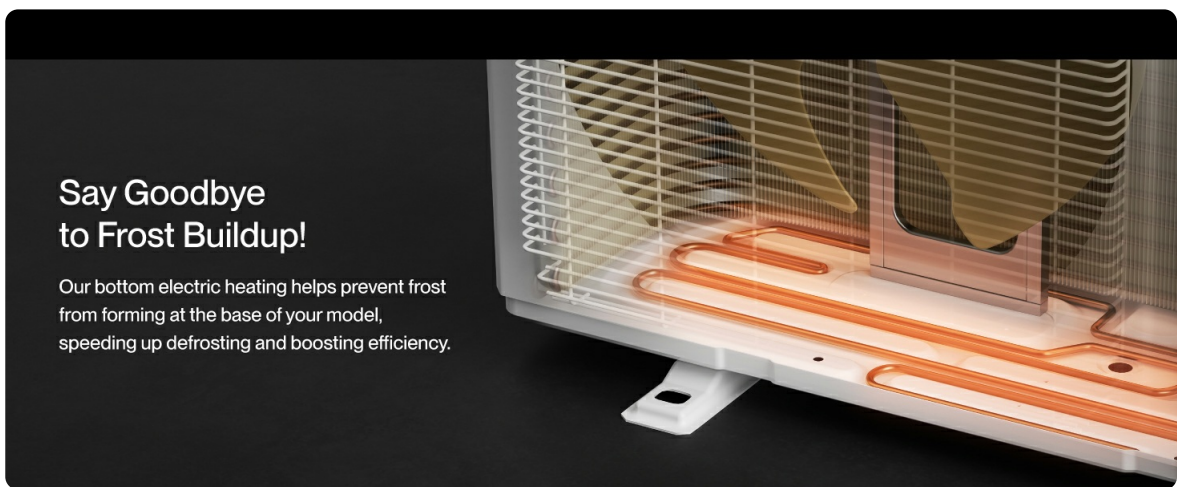


Figure 4: Della+ App Schedules and Timer Function

Smartphone screens showing how to set schedules and timers within the Della+ app for automated temperature control, allowing users to plan their week in advance or set custom countdown timers.

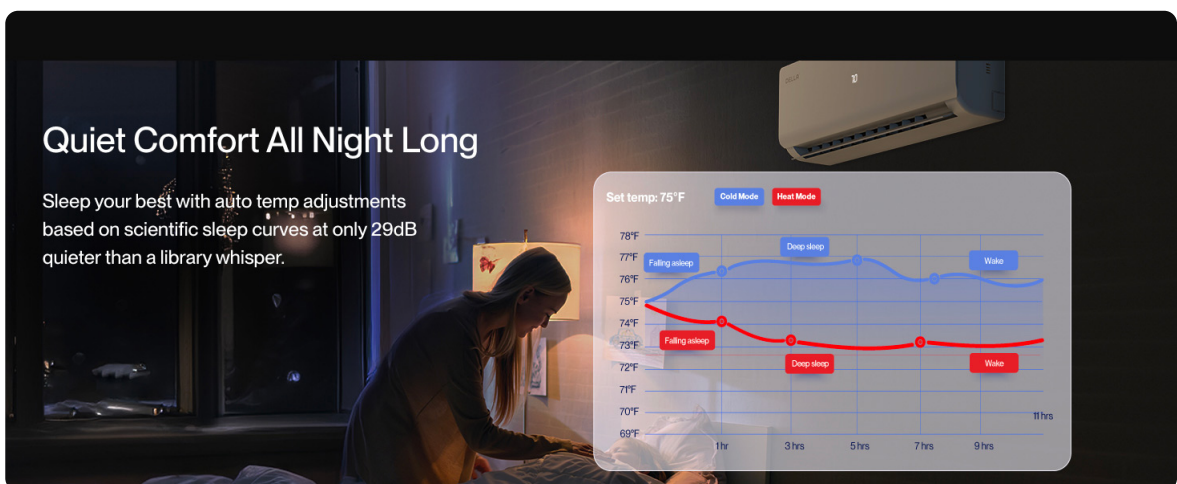


Figure 5: Della+ App Mode Selection

Smartphone screens illustrating various operating modes available in the Della+ app, such as Auto, Cool, Heat, Dehumidify, Fan Only, and ECO mode, allowing users to choose their perfect home climate.

Smart Geo Location

The Della+ app features a Smart Geo Location function that automatically adjusts your AC unit based on your location, ensuring comfort when you arrive home and saving energy when you leave.

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Video 5: Geo Location Function

This video explains how to set up and customize the Geo Location feature in the Della+ app. It demonstrates how the AC unit can automatically turn on or off based on your proximity to a set location, providing hands-free control and energy efficiency.

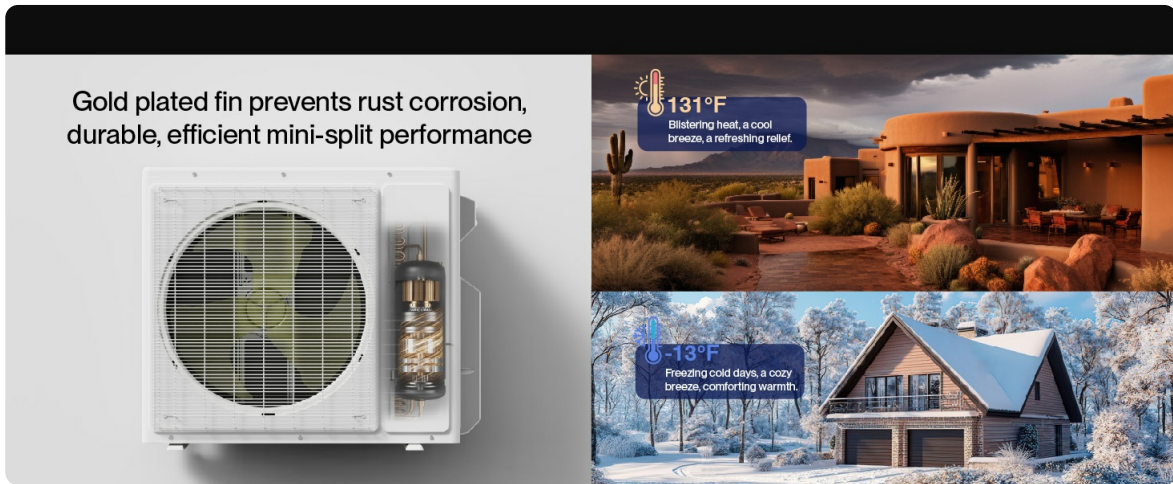


Figure 6: Della+ App Smart Geo Location Feature

A person driving a car with a smartphone displaying a map and a notification from the Della+ app about automatic AC control based on location, enabling hands-free operation.

Voice Control Compatibility

The Della Mini Split AC seamlessly integrates with voice control platforms like Alexa and Google Assistant, allowing you to manage your climate settings with simple voice commands.

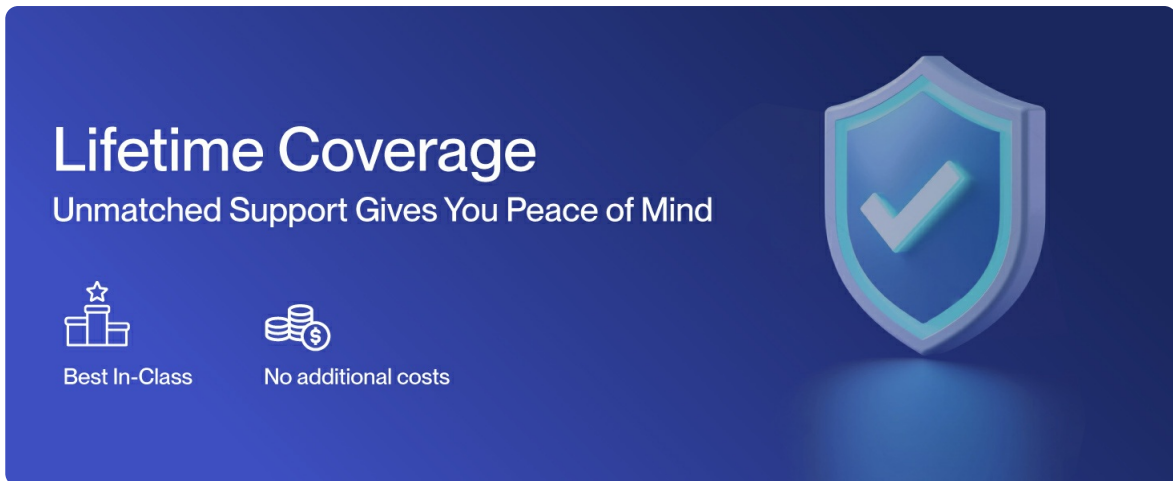


Figure 7: Della Mini Split AC Voice Control Compatibility

An Amazon Echo device on a table in a living room, illustrating voice control compatibility with the Della AC unit, allowing users to adjust settings using voice commands.

Operating Modes

- **Cool Mode:** Provides efficient cooling to your desired temperature.
- **Heat Mode:** Offers powerful heating for colder conditions.
- **Dry Mode (Dehumidifying):** Reduces excess moisture in the air.
- **Fan Only Mode:** Circulates air without heating or cooling.
- **Auto Mode:** Automatically selects the appropriate mode based on ambient temperature.
- **ECO Energy Saving Mode:** Optimizes operation for reduced power consumption.
- **Sleep Mode:** Adjusts temperature and fan speed for quiet, comfortable sleep.

- **Turbo Function:** Provides rapid cooling or heating.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Della Mini Split AC system. Always disconnect power before performing any maintenance.

Filter Cleaning

Clean the air filters regularly (every 2-4 weeks, depending on usage) to maintain optimal airflow and efficiency. Refer to your specific indoor unit manual for instructions on how to remove and clean the filters.

Outdoor Unit Care

Keep the outdoor condenser unit clear of debris, leaves, and other obstructions to ensure proper airflow. Periodically check the refrigerant lines and electrical connections for any signs of wear or damage.

Professional Servicing

It is recommended to have your system professionally serviced at least once a year by a qualified HVAC technician. This includes checking refrigerant levels, cleaning coils, and inspecting all components for proper function.

6. TROUBLESHOOTING

If you encounter issues with your Della Mini Split AC system, refer to the following common troubleshooting tips. For persistent problems, contact Della customer support or a qualified technician.

Unit Not Turning On

- Check if the power supply is connected and the circuit breaker is not tripped.
- Ensure the remote control batteries are not depleted.
- Verify that the unit is not in a timed-off state.

Insufficient Cooling/Heating

- Clean or replace dirty air filters.
- Ensure no obstructions are blocking the indoor or outdoor unit's airflow.
- Check if windows and doors are properly closed.
- Verify that the correct operating mode and temperature settings are selected.

Unusual Noises

- A slight gurgling sound is normal due to refrigerant flow.
- If loud or persistent, check for loose parts or contact support.

Water Leakage

- Ensure the drain hose is not blocked or kinked.
- Verify the indoor unit is properly leveled to allow for drainage.

7. SPECIFICATIONS

Feature	Specification
Brand	Della
Model Number	1D4-TL+Q9999
Capacity	3 Tons (35000 BTU/h Outdoor Unit, Four 9000 BTU Indoor Units)
Cooling Power	9000 British Thermal Units (per indoor unit)
Seasonal Energy Efficiency Ratio (SEER2)	19
Voltage	208-230 Volts
Noise Level	29 dBa (Indoor Unit) / 36 Decibels (Outdoor Unit)
Refrigerant	R-454B (Pre-Charged)
Inverter Type	Has Inverter
Installation Type	Split System
Compressor Type	Rotary
Coverage Area	Up to 1600 Sq.Ft (400 Sq.Ft per indoor unit recommended)
Operating Temperature Range	-13°F (-25°C) to 131°F (55°C)
Control Method	App, Remote, Voice (Alexa, Google Assistant)
Product Dimensions (Indoor Unit)	8.07"D x 31.92"W x 11.49"H
Maximum Fuse Size	35A
Line Set Length	4 pcs 16ft copper pipes lineset (Standard size 1/4" & 3/8" outer dimension)
Drain Pipe Length	4 pcs 6.56ft outlet drain pipe (inner/outer diameter size: 15.5mm/16.9mm)
Warranty Type	Lifetime

8. WARRANTY AND SUPPORT

Della is committed to providing best-in-class support and peace of mind for your purchase.

Lifetime Coverage

Your Della Mini Split AC system comes with a Lifetime Warranty, offering unmatched support and no additional costs for eligible issues.



Figure 8: Della Lifetime Coverage and Support

This graphic highlights Della's commitment to customer satisfaction with a shield icon representing Lifetime Coverage, emphasizing best-in-class support and no additional costs.

Customer Support

For any questions, technical assistance, or warranty claims, Della provides comprehensive customer support:

- **Phone Support:** Available Monday to Friday, 6 AM - 4 PM PST.
- **Live Chat:** Available 24/7 for product support.

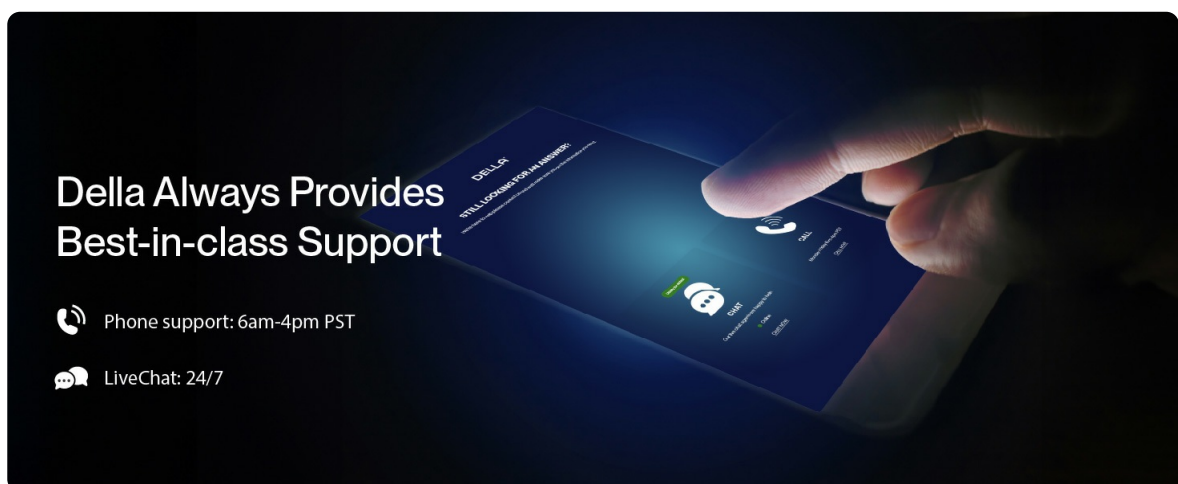


Figure 9: Della Customer Support Options

A hand holding a smartphone with call and chat icons, indicating available phone support (6 AM - 4 PM PST) and live chat (24/7) for customer assistance.

You can also visit the Della Store on Amazon for more product information and resources.

