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> [DORTALA 9000 BTU Mini Split Air Conditioner & Heater User Manual](#)

DORTALA FP10302US-WH+

DORTALA 9000 BTU Mini Split Air Conditioner & Heater User Manual

Model: FP10302US-WH+

Brand: DORTALA

1. PRODUCT OVERVIEW AND COMPONENTS

The DORTALA 9000 BTU Mini Split Air Conditioner & Heater is a versatile system designed for efficient cooling and heating of spaces up to 450 square feet. This unit features advanced inverter technology for precise temperature control and energy efficiency.

The system is shipped in two separate boxes. Ensure all components are present before beginning installation.

High Efficient Cooling & Heating



Image: Main components of the DORTALA Mini Split Air Conditioner and Heater, including the indoor unit, outdoor unit, remote control, copper connection pipes, drain hose, power line, communication wires, tape, putty, and wall sleeve.

2. INSTALLATION GUIDE

Important: Installation of this equipment should only be done by a Licensed HVAC Installer to ensure proper function and safety.

2.1 Indoor Unit Installation

1. **Mounting the Peg Board:** Securely mount the metal peg board to the wall at the desired height, ensuring it is level.
2. **Drilling the Wall Hole:** Create a hole at the predetermined position on the wall for the connection pipes and wires to pass through.
3. **Indoor Unit Preparation:** Open the indoor unit's front cover and electrical box. Connect the power line and communication wires to the designated terminals.
4. **Pipe and Hose Connection:** Connect the copper connection pipes (air and liquid), drain hose, and power line to the indoor unit. Ensure all connections are secure.

5. **Wrapping Connections:** Carefully wrap the connection pipes, cables, and drain hose together with insulation tape to create a neat and protected bundle.
6. **Hanging the Indoor Unit:** Hang the indoor unit onto the mounted peg board, ensuring it is firmly seated and fixed.
7. **Sealing the Wall Hole:** Use the provided wall sleeve and putty to seal the hole around the pipe and wire bundle, preventing air and moisture infiltration.

2.2 Outdoor Unit Installation

1. **Electrical Connections:** Open the electrical cover on the outdoor unit. Connect the power supply and communication wires from the indoor unit to the corresponding terminals.
2. **Refrigerant Pipe Connection:** Connect the copper refrigerant pipes from the indoor unit to the outdoor unit's valves. Ensure a tight, leak-free connection.
3. **Vacuuming the System:** A vacuum pump must be used to evacuate air and moisture from the refrigerant lines. This is a critical step for system efficiency and longevity.
4. **Opening Valves:** Once the vacuum process is complete, open the service valves on the outdoor unit to release the pre-charged R32 refrigerant into the system.
5. **Securing Caps:** Replace all protective caps on the service valves and electrical connections.

For a visual guide on the assembly steps, please refer to the video below:

Video: Detailed assembly steps for the DORTALA Mini Split Air Conditioner, demonstrating the process for both indoor and outdoor units.

3. OPERATING INSTRUCTIONS

The DORTALA Mini Split system offers versatile functionality with multiple operating modes and settings for optimal comfort. All functions can be controlled via the included remote control.

3.1 Operating Modes

- **Cooling Mode:** Provides efficient cooling, capable of lowering room temperature to as low as 60°F.
- **Heating Mode:** Delivers effective heating, able to raise room temperature to as high as 90°F.
- **Fan Mode:** Circulates air without heating or cooling, offering low, medium, high, and auto speed settings.
- **Dry (Dehumidifier) Mode:** Reduces humidity in the room, with a dehumidification capacity of 38 pints/day.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep, promoting energy savings.

3.2 Special Features

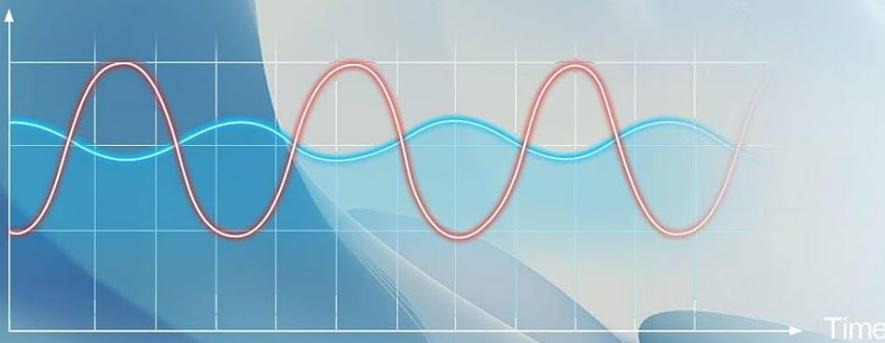
- **Timer Function:** Allows scheduling of unit operation for up to 24 hours.
- **ECO Mode:** Optimizes energy consumption while maintaining comfort.
- **iFEEL Technology:** The remote control has a built-in temperature sensor that sends signals to the indoor unit, allowing for more precise temperature control based on the remote's location.
- **Turbo Function:** Provides rapid cooling or heating for quick temperature adjustments.
- **4-Way Swing:** Allows for multi-directional airflow for even distribution of conditioned air.

Inverter Split Air Conditioner

Innovative inverter technology adjusts the compressor speed to maintain the set temperature without frequently turning the compressor on and off, which has less energy cost and offers stable cooling.



Temperature



Inverter Technology

Non-Inverter Technology

9000 BTU

17 SEER2

8.5 HSPF2

Image: Visual representation of the 4-in-1 multifunctional design, highlighting cooling, heating, fan, and dry modes.

12000 BTU Inverter Split Air Conditioner



Cooling capacity: 9000 BTU

Heating capacity: 9000 BTU

Cooling power: 860W

Heating power: 770W

Voltage: 208V-230V/60Hz

Air Flow: 630 CFM

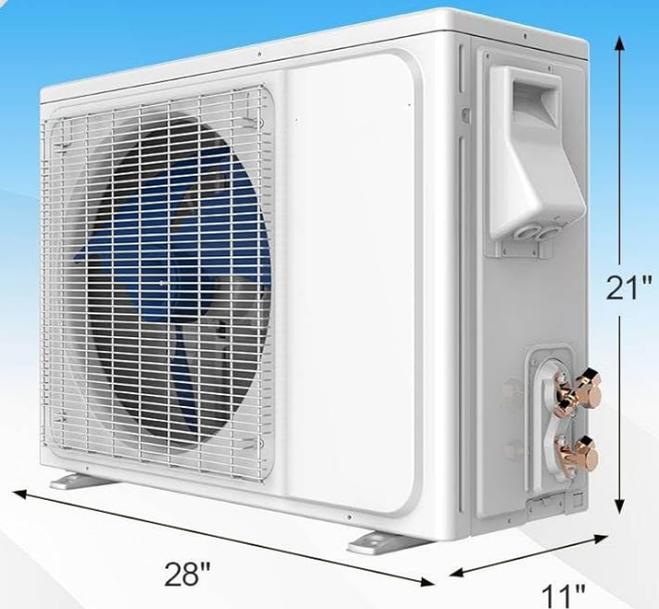


Image: Diagram illustrating the benefits of inverter technology for precise temperature control and energy efficiency, along with the EnergyGuide label.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your DORTALA Mini Split system.

- **Self-Cleaning Function:** The unit features a self-cleaning function that sterilizes the air at 135°F (57°C) to ensure fresh air delivery. Activate this function periodically as per the remote control instructions.
- **Filter Cleaning:** Regularly clean the air filters located in the indoor unit. Refer to the full manual for detailed instructions on how to remove and clean the filters.
- **Exterior Cleaning:** Wipe down the exterior surfaces of both indoor and outdoor units with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Professional Servicing:** It is recommended to have the unit professionally serviced by a Licensed HVAC technician annually to check refrigerant levels, clean coils, and ensure all components are functioning correctly.

5. TROUBLESHOOTING

If you experience any issues with your DORTALA Mini Split Air Conditioner & Heater, please consult the comprehensive troubleshooting guide in the complete product manual. Common issues and their solutions are typically detailed there. If the problem persists or you are unsure about a solution, it is highly recommended to contact a Licensed HVAC Installer or DORTALA customer support for assistance.

6. SPECIFICATIONS

Feature	Specification
Brand Name	DORTALA
Model Info	FP10302US-WH+
Item Weight	74 pounds
Product Dimensions	7.87 x 29.92 x 11.42 inches (Indoor Unit)
Efficiency	High
Capacity	0.75 Tons (9000 BTU)
Noise Level	41 dB
Installation Type	Split System
Special Features	Energy Efficient, Auto Clean, Dehumidifier, Dust Filter, Fast Cooling, Heating And Cooling Function, Inverter Compressor, 4 Way Swing, ECO mode, iFEEL, and Turbo function
Voltage	208-230 Volts
Wattage	860 watts
Material Type	ABS
Included Components	1 x Outdoor Unit / Indoor Unit / 8ft x Power Line/1 x13ft Copper Connection Pipe - Air Pipe/ 1x13ft Copper Connection Pipe - Liquid Pipe/1 x 6.5ft Drain Hose/1 x15ft Communication Wires/ Remote Control/Tape/Putty/ Wall Sleeve/User Guide
Floor Area	450 Square Feet
Seasonal Energy Efficiency Ratio (SEER)	17.00

7. WARRANTY AND SUPPORT

The DORTALA 9000 BTU Mini Split Air Conditioner & Heater typically comes with a 1-year warranty on the unit and an 8-year warranty on the compressor. Please refer to your purchase documentation or the official DORTALA website for specific warranty terms and conditions.

For technical support, service inquiries, or to register your product for warranty, please contact DORTALA directly through their official channels. You can often find contact information on the product packaging, in the full manual, or by visiting the [DORTALA Store on Amazon](#).

