

PHILODECO FT17000BTU

PhiloDeco 17000 BTU Mini Split Air Conditioner & Heater User Manual

Model: FT17000BTU

1. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before installation and operation. Failure to follow these instructions may result in property damage, personal injury, or death. Keep this manual for future reference.

- **Professional Installation Required:** This unit requires professional installation by a qualified technician. Do not attempt to install the unit yourself.
- **Electrical Safety:** Ensure the power supply matches the unit's requirements (208-230V). Always disconnect power before performing any maintenance or service.
- **Refrigerant:** This unit contains refrigerant. Only qualified personnel should handle refrigerant.
- **Children and Pets:** Keep children and pets away from the unit during operation and maintenance.
- **Clearances:** Maintain adequate clearances around the indoor and outdoor units for proper airflow and service access.

2. PRODUCT OVERVIEW

The PhiloDeco FT17000BTU is a multi-functional mini-split air conditioning and heating system designed for year-round comfort. It provides cooling, heating, dehumidification, and fan-only operation.

Key Features:

- Cooling, Heating, Dehumidification, and Fan modes.
- Wi-Fi enabled for smart control via mobile app.
- Energy-efficient inverter technology (17 SEER2, 8.5 HSPF2).
- Quiet operation (as low as 32dB).
- Automatic defrost and self-diagnostics.
- 24-hour timer, Sleep mode, ECO mode.
- Wind oscillation (up-down and left-right auto swing).

Included Components:

- Indoor Unit
- Outdoor Unit
- Multi-function Remote Control
- Installation Kit



Figure 2.1: Philodeco 17000 BTU Mini Split Air Conditioner and Heater.

3. SETUP AND INSTALLATION

The Philodeco mini-split system requires professional installation. The system ships in two separate packages (indoor unit and outdoor unit), which may arrive at different times.

Installation Steps (Overview for Professional Installers):

1. **Site Selection:** Choose appropriate locations for both indoor and outdoor units, ensuring proper clearances and drainage.
2. **Mounting:** Securely mount the indoor unit on the wall and the outdoor unit on a stable surface or wall bracket.
3. **Refrigerant Piping:** Connect the refrigerant lines between the indoor and outdoor units. Ensure proper flaring and

tightening to prevent leaks.

4. **Electrical Wiring:** Connect the power supply and communication wiring according to local electrical codes and the wiring diagram provided with the unit. This unit operates on 208-230V AC.
5. **Vacuuming and Leak Test:** Evacuate the refrigerant lines to remove air and moisture, then perform a leak test.
6. **Drainage:** Connect the condensate drain line from the indoor unit to ensure proper water removal.
7. **Test Run:** After installation, perform a test run to verify proper operation of all modes.

Refer to the detailed installation guide provided with the product packaging for specific instructions and diagrams.

4. OPERATING INSTRUCTIONS

Your PhiloDeco mini-split system can be controlled using the included remote control or via the SmartLife-SmartHome mobile application.

Remote Control Operation:

The remote control allows you to adjust settings, change modes, and access special features. Ensure the remote is pointed towards the indoor unit when transmitting commands.



Figure 4.1: Multi-function Remote Control.

- **Power Button:** Turns the unit ON or OFF.
- **MODE Button:** Cycles through operating modes: Auto, Cooling, Dry (Dehumidification), Fan, Heating.
- **Temperature Adjustment:** Use the UP/DOWN arrows to set the desired temperature.
- **FAN Button:** Adjusts fan speed (Auto/low/low-mid/mid/mid-high/high/Gentle).
- **SWING Buttons:** Controls the louver's vertical (up-down) and horizontal (left-right) auto swing.
- **SLEEP Button:** Activates Sleep mode for quiet operation and energy saving during sleep.
- **ECO Button:** Engages energy-saving mode.
- **TIMER Button:** Sets the 24-hour ON/OFF timer.
- **DISPLAY Button:** Turns the indoor unit's display ON or OFF.
- **TURBO Button:** Provides rapid cooling or heating.
- **I FEEL Button:** Activates the 'I FEEL' function, sensing the temperature at the remote's location.
- **MUTE Button:** Silences beeps or notifications.
- **Child-Lock:** Locks the remote control buttons to prevent accidental changes.

Wi-Fi / App Control:

The unit is Wi-Fi enabled, allowing control via the SmartLife-SmartHome mobile application. Download the app from your device's app store and follow the in-app instructions to connect your unit.



Figure 4.2: Smart Control via Mobile App and Remote Control.

- **Remote Access:** Control your unit from anywhere with an internet connection.
- **Scheduling:** Set custom schedules for operation.
- **Advanced Settings:** Access additional settings and monitoring features.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your PhiloDeco mini-split system. Always disconnect power before performing any maintenance.

Air Filter Cleaning:

The air filter in the indoor unit is washable and should be cleaned regularly, typically every 2-4 weeks depending on usage and air quality.

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Wash the filters with lukewarm water and a mild detergent.
4. Rinse thoroughly and allow them to air dry completely before reinserting.
5. Close the front panel.

Other Maintenance:

- **Outdoor Unit:** Keep the outdoor unit clear of debris, leaves, and snow to ensure proper airflow.
- **Auto Defrost:** The unit features an automatic defrost function to prevent ice buildup on the outdoor coil during heating operation, improving efficiency.
- **Professional Service:** Annual professional inspection and cleaning are recommended to ensure efficient and safe operation.

6. TROUBLESHOOTING

The PhiloDeco mini-split system includes self-diagnostic capabilities. If an error occurs, a code may be displayed on the indoor unit. Refer to the detailed troubleshooting section in the full user manual for specific error code explanations and solutions.

Common Issues and Solutions:

- **Unit Not Turning On:** Check power supply, circuit breaker, and ensure the remote control batteries are not depleted.
- **Insufficient Cooling/Heating:** Verify correct mode selection, temperature setting, and ensure air filters are clean. Check for obstructions around indoor and outdoor units.
- **Unusual Noises:** Minor noises during operation are normal. If loud or unusual noises occur, contact professional service.
- **Water Leaking from Indoor Unit:** Check if the drain line is clogged or improperly installed.

For issues not resolved by basic troubleshooting, or if an error code persists, contact PhiloDeco customer support or a qualified HVAC technician.

7. SPECIFICATIONS

Below are the technical specifications for the PhiloDeco FT17000BTU Mini Split Air Conditioner & Heater.

Product Size

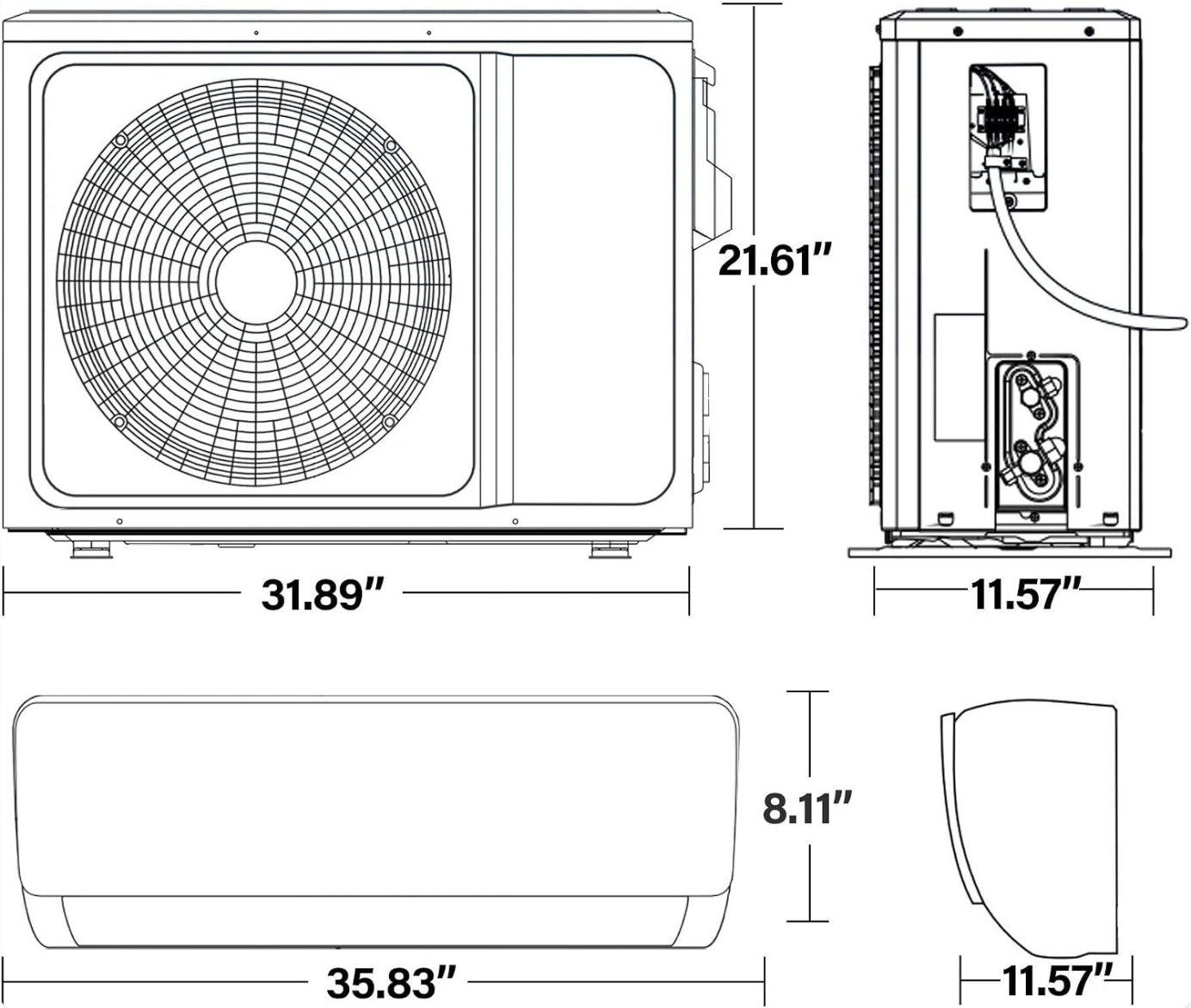


Figure 7.1: Product Dimensions.

Feature	Specification
Model Name	FT17000BTU
Brand	PHILODECO
Cooling Power	17000 British Thermal Units (BTU)
Heating Capacity	17000 British Thermal Units (BTU)
SEER2 Rating	17
HSPF2 Rating	8.5
Voltage	208-230 Volts (AC)
Noise Level (Indoor)	As low as 32 dB

Feature	Specification
Noise Level (Outdoor)	45 Decibels
Indoor Unit Dimensions (D x W x H)	35.83" x 8.11" x 11.57"
Outdoor Unit Dimensions (D x W x H)	31.89" x 11.57" x 21.61"
Item Weight	63.9 Pounds
Control Method	App, Remote Control
Special Feature	Inverter Compressor

8. WARRANTY AND SUPPORT

PhiloDeco is committed to providing quality products and customer satisfaction.

- **Warranty:** This product comes with a 5-year limited warranty from the date of purchase.
- **Return Policy:** A 30-day no-excuses return policy is offered.
- **Technical Support:** Lifetime technical support is available.

For any future problems, technical assistance, or warranty claims, please contact the after-sales service email provided in your product packaging or visit the official PhiloDeco website for support contact information.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question