

FOGATTI InstaCool Ultra

FOGATTI InstaCool Ultra 16000 BTU RV Air Conditioner Instruction Manual

Model: InstaCool Ultra

1. SAFETY INFORMATION

Please read all safety instructions carefully before installing, operating, or performing maintenance on your FOGATTI InstaCool Ultra RV Air Conditioner. Failure to follow these instructions may result in property damage, personal injury, or death.

- **Electrical Safety:** Ensure the RV's power supply is disconnected before any installation or maintenance. All electrical connections must be performed by a qualified technician in accordance with local and national electrical codes.
- **Installation:** The unit must be installed on a structurally sound roof capable of supporting its weight. Ensure proper sealing to prevent water leaks.
- **Refrigerant:** This unit uses R-32 refrigerant. Servicing involving refrigerant should only be performed by certified personnel.
- **Ventilation:** Do not block air inlets or outlets on the indoor or outdoor units.
- **Children and Pets:** Keep children and pets away from the unit during operation and maintenance.

2. PRODUCT OVERVIEW

The FOGATTI InstaCool Ultra is a high-performance 16000 BTU RV Air Conditioner with integrated heat pump and cooling capabilities, designed for optimal climate control in your recreational vehicle. It features a low-profile design, quiet operation, and multiple control options for enhanced comfort.

❄️ Cooling & ☀️ Heating Dual Modes

Spend the summer cool and the winter warm



16,000BTU Cooling
Say goodbye to sweating



12,500BTU Heating
Say goodbye to frozen limbs

Image Description: An interior view of an RV with the FOGATTI InstaCool Ultra unit installed. The image is split, showing blue air currents for 16,000 BTU cooling on one side and orange air currents for 12,500 BTU heating on the other, illustrating dual mode functionality.

Key Features:

- **Powerful Performance:** 16,000 BTU cooling and 12,500 BTU heating capacity.
- **Efficient Airflow:** Triple-fan, dual-motor design generates 418 CFM airflow for rapid temperature changes.
- **Quiet Operation:** Operates at a low noise level of 43dB for a peaceful environment.
- **Smart Control:** Manage settings via remote control, ADB touchscreen, or WiFi app.
- **Low Profile Design:** 12.2-inch height minimizes clearance issues.
- **Durable Construction:** Features a shock-absorbing dual-layer base and protective foam insulation.

3. SETUP AND INSTALLATION

The FOGATTI InstaCool Ultra is designed for easy installation in standard 14 x 14 inch roof openings. For optimal performance and safety, professional installation is recommended, especially for electrical connections.

Installation Requirements:

- **Roof Opening:** Standard 14 x 14 inches (35.56 cm x 35.56 cm).
- **Roof Thickness:** Air Distribution Box (ADB) is compatible with roof thicknesses from 1.2 to 5.0 inches.
- **Power Supply:** Compatible with 15 or 20-amp time-delay fuses or breakers.



Image Description: A FOGATTI InstaCool Ultra unit mounted on an RV roof, with callouts indicating its dimensions (42.4"L x 28.4"W x 12.2"H) and the standard 14 x 14 inch roof opening required for installation.

Image Description: An interior shot of an RV ceiling highlighting the Air Distribution Box (ADB) of the FOGATTI InstaCool Ultra, with an inset showing its compatibility with roof thicknesses ranging from 1.2 to 5.0 inches.

Video: Indoor Unit Setup

Video Description: This video demonstrates the setup process for the indoor unit of an Inverter RV Air Conditioner, including how to install and replace the buckle. It provides visual guidance for securing the indoor components.

4. OPERATING INSTRUCTIONS

Your FOGATTI InstaCool Ultra offers multiple ways to control your RV's climate, ensuring comfort whether you're parked or on the road.

Control Options:

- **Remote Control:** Full control over all functions from a distance.
- **ADB Touchscreen:** Direct control panel on the Air Distribution Box.
- **WiFi App:** Manage settings from your smartphone or tablet.



Image Description: A hand holding a smartphone showing the FOGATTI WiFi app, which allows remote control of the RV air conditioner, including timing management and sleep mode settings.

Operating Modes:

- **Cooling Mode:** Provides 16,000 BTU of cooling.
- **Heating Mode:** Provides 12,500 BTU of heating.
- **Dehumidifying Mode:** Reduces humidity levels.
- **Fan Mode:** Circulates air without cooling or heating.
- **Eco Gear:** Adjusts fan speed to limit energy consumption (75% or 50% of max).
- **Sleep Mode:** Optimizes operation for quiet and efficient nighttime use.

- **Turbo Cool:** Rapidly cools the RV.
- **Auto-Sweeping:** The ADB panel features dual-sync motors for 0-85° automatic oscillation, ensuring even air distribution.



Image Description: A person sleeping in an RV, with a graphic overlay indicating the nighttime noise level of the FOGATTI InstaCool Ultra is as low as 43 dB, comparing it to other noise levels.

[Video: FOGATTI RV Air Conditioner Overview](#)

Video Description: This video provides an overview of the FOGATTI RV Air Conditioner 16000 BTU with Heat Pump, showcasing its features and benefits for RV owners.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your FOGATTI InstaCool Ultra RV Air Conditioner.

Filter Cleaning:

The unit features an automatic filter cleaning reminder. It is crucial to clean the filters regularly to maintain

optimal airflow and prevent dust accumulation.

1. Locate the detachable filters on the Air Distribution Box (ADB).
2. Gently remove the filters.
3. Rinse the filters with clean water.
4. Allow filters to air dry completely before reinstallation.
5. Reinstall the dry filters into the ADB.



Image Description: A detailed view of the Air Distribution Box (ADB) panel, highlighting the 'Filter Check' indicator and illustrating the dust-proof air inlet and detachable filter for easy cleaning.

Video: How to Clean the Air Conditioner Filter

Video Description: This video provides a step-by-step guide on how to properly clean the air conditioner filter of your FOGATTI RV unit, ensuring efficient operation and air quality.

General Cleaning:

Wipe the exterior surfaces of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.

6. TROUBLESHOOTING

If you encounter issues with your FOGATTI InstaCool Ultra, refer to the following common troubleshooting steps:

- **Unit Not Turning On:** Check the power supply, circuit breaker, and ensure the unit is properly plugged in. Verify the remote control batteries.
- **Insufficient Cooling/Heating:** Ensure filters are clean and not obstructed. Check for proper temperature settings and operating mode. Verify that all vents are open and not blocked.
- **Unusual Noise:** Inspect for any loose components or debris in the fan area. If noise persists, contact customer support.
- **Water Leaks:** Check the roof seal around the unit for any damage. Ensure the condensate drain is not clogged.
- **WiFi Connectivity Issues:** Ensure your RV has a stable WiFi connection and the app is updated to the latest version. Follow the app's pairing instructions.

For persistent issues, please contact FOGATTI customer support.

7. SPECIFICATIONS

Specification	Value
Brand	FOGATTI
Model	InstaCool Ultra
Cooling Power	16000 British Thermal Units
Heating Power	12500 British Thermal Units
Item Weight	112.4 pounds
Product Dimensions	42.4 x 28.3 x 12.2 inches
Noise Level	43 Decibels
Installation Type	Split System
Special Features	APP Controlled, Fast Cooling, Heating & Cooling Function, Remote Controlled, WiFi Enabled
Material Type	PP
Refrigerant	R-32
Included Components	InstaCool Ultra and Remote Control

8. WARRANTY AND SUPPORT

FOGATTI is committed to providing quality products and excellent customer service.

- **Return Policy:** Enjoy a 30-day hassle-free refund.
- **Customer Support:** 24/7 phone support and 24-hour email assistance are available.
- **After-sales Experts:** Access to over 30 after-sales experts for technical assistance.

For specific warranty details, please refer to the warranty card included with your product or contact FOGATTI customer service directly.