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› Dometic 3316400.000 CT Bluetooth Single Zone Control Kit User Manual

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Model: 3316400.000

INTRODUCTION

The Dometic 3316400.000 CT Bluetooth Single Zone Control Kit provides advanced climate control for your RV. This kit allows for wireless management of your air conditioning and heating systems via Bluetooth technology, enabling convenient temperature adjustments and settings control from a compatible mobile device. Designed for efficiency and user comfort, it features a touch interface, digital temperature calibration, and an automatic three-speed fan.

SETUP AND INSTALLATION

Included Components

Before beginning installation, ensure all components are present:

- 1 x Digital Thermostat (Polar White)
- 2 x Sensors
- 1 x Power Supply
- 1 x Control Module
- Mounting Hardware
- This Manual



Figure 1: Dometic CT Bluetooth Single Zone Control Kit components, including the white digital thermostat, the gray control module, wiring harnesses, sensors, and mounting hardware.

Installation Guidelines

Installation should be performed by a qualified technician. Ensure the RV's power supply is disconnected before proceeding.

1. **Mounting:** The thermostat is designed for surface mounting. Select a suitable interior wall location away from direct sunlight, heat sources, or drafts that could affect temperature readings.
2. **Wiring:** Connect the control module to the RV's 12V DC power source. Follow the wiring diagram provided in the separate installation guide for connecting the thermostat, sensors, and the RV's HVAC system to the control module.
3. **Sensor Placement:** Install the two sensors as per the detailed instructions in the installation guide. Proper sensor placement is crucial for accurate temperature monitoring and system operation. One sensor is typically for freeze control on the evaporator coil.
4. **Power Connection:** Once all components are securely mounted and wired, reconnect the 12V DC power supply to the RV.

Note: Refer to the comprehensive installation manual included with your kit for detailed wiring diagrams and specific mounting instructions.

OPERATING INSTRUCTIONS

Thermostat Interface

The digital thermostat features a touch interface and push buttons for easy control.

- **Power Button:** Press to turn the system ON or OFF.
- **Mode Button:** Cycle through operating modes (e.g., Cool, Heat, Fan).
- **Up/Down Arrows:** Adjust the desired temperature setting.
- **Fan Speed Button:** Select fan speed (High, Low, Auto). In Auto mode, the fan speed adjusts automatically to maintain the set temperature.

Temperature Display and Calibration

The LCD display shows the set and actual temperatures. You can switch between Fahrenheit and Celsius display modes. Digital temperature calibration ensures the room temperature is maintained within +/- 2 degrees of the set point.

Bluetooth Connectivity

The kit supports Bluetooth connectivity for remote access via a compatible mobile device. Download the official Dometic app to pair your device and control your RV's climate system wirelessly. This allows for convenient adjustment of temperature and settings from anywhere within Bluetooth range.

MAINTENANCE

The Dometic CT Bluetooth Single Zone Control Kit is designed for minimal maintenance. Regular checks can help ensure optimal performance:

- **Cleaning:** Gently wipe the thermostat's display and buttons with a soft, dry cloth. Avoid abrasive cleaners or solvents.
- **Connections:** Periodically inspect wiring connections for any signs of looseness or corrosion. Ensure all connections are secure.
- **Software Updates:** Check the Dometic app for any available firmware updates for your control kit to ensure you have the latest features and performance enhancements.

TROUBLESHOOTING

If you encounter issues with your Dometic CT Bluetooth Single Zone Control Kit, refer to the following common troubleshooting steps:

- **No Power to Thermostat:**
 - Check the RV's 12V DC power supply.
 - Verify all wiring connections to the control module and thermostat are secure.
 - Inspect fuses in the RV's electrical system.
- **Incorrect Temperature Reading:**
 - Ensure the thermostat is not exposed to direct sunlight, drafts, or heat sources.
 - Verify that the sensors are correctly installed and not obstructed.
 - Perform a digital temperature calibration if available through the thermostat settings or app.
- **Bluetooth Connectivity Issues:**
 - Ensure Bluetooth is enabled on your mobile device.
 - Make sure your mobile device is within range of the control kit.
 - Restart both the mobile device and the control kit (by cycling RV power).
 - Re-pair the device through the Dometic app.
- **HVAC System Not Responding:**
 - Check the selected operating mode (Cool, Heat, Fan).
 - Verify the set temperature is appropriate for the desired operation (e.g., set lower than ambient for cooling).
 - Ensure the RV's HVAC unit itself is functioning correctly.

For persistent issues, contact Dometic customer support.

SPECIFICATIONS

Feature	Detail
Brand	Dometic
Model Number	3316400.000
Controller Type	Touch, Push Button
Special Feature	Remote Access via Bluetooth, Touch Interface, Polar White Color
Temperature Control Type	Digital, Smart/Remote
Connectivity Technology	Bluetooth, Wi-Fi (<i>Note: Product description emphasizes Bluetooth, Wi-Fi might be for broader system integration or future features</i>)
Included Components	1 x Digital Thermostat, 2 x Sensors, 1 x Power Supply, 1 x Manual
Power Source	12V DC
Display Type	LCD

Feature	Detail
Control Method	Touch
Connectivity Protocol	Bluetooth
Mounting Type	Surface Mount
Backlight	Yes
UPC	713814215958
ASIN	B0B4BLF3CV
Date First Available	June 16, 2022

WARRANTY INFORMATION

Dometic products are manufactured to high quality standards. For specific warranty terms and conditions applicable to the 3316400.000 CT Bluetooth Single Zone Control Kit, please refer to the warranty card included in the product packaging or visit the official Dometic website. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or to inquire about replacement parts, please contact Dometic customer support. You can find contact information on the official Dometic website or in the documentation provided with your product.

Visit the [Dometic Store on Amazon](#) for more products and information.

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Name

Anonymous

Email

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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

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