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Dometic 3314082000

Dometic Comfort Control Center 2 Thermostat User Manual

Model: CCC2 (Part Number: 3314082000)

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Dometic Comfort Control Center 2 (CCC2) Thermostat. Please read this manual thoroughly before using the product to ensure proper function and safety. This digital thermostat is designed to control your RV's rooftop air conditioners, single and dual, heat pump systems, gas furnaces, and electric heat strips.

Product Overview



Image: Dometic Comfort Control Center 2 Thermostat, black with 10 buttons and a central display.

The Dometic CCC2 Thermostat is an easy-to-read and use digital thermostat designed for precise climate control in recreational vehicles. Its intuitive 10-button interface allows for seamless management of various heating and cooling systems.

Key Features:

- Digital display for clear temperature and setting readouts.
- Controls single and dual rooftop air conditioners.
- Compatible with heat pump systems, gas furnaces, and electric heat strips.
- Programmable temperature control.
- Wall-mount design for convenient placement.
- Black finish to complement various interiors.

What's in the Box:

- 1 x Dometic Comfort Control Center 2 Thermostat (Black)

Note: While some specifications may list "Remote Control" as an included component, this refers to the thermostat unit itself, which functions as the primary control interface for your climate system. Additional components such as communication cables are typically sold separately.

Setup and Installation

Installation of the Dometic CCC2 Thermostat is designed to be straightforward for those with basic technical knowledge. It typically involves replacing an existing thermostat or installing a new unit in a compatible system.

Installation Steps:

1. **Power Disconnection:** Before beginning any installation, ensure that all power to the RV's climate control system is completely disconnected at the circuit breaker or fuse panel to prevent electrical shock.
2. **Mounting:** Secure the thermostat to the wall using appropriate screws. Ensure it is mounted in a location away from direct sunlight, heat sources, or drafts that could affect temperature readings.
3. **Wiring Connection:** Connect the thermostat to your RV's climate control system using the appropriate communication cable. The CCC2 typically uses an RJ11-style connection. Ensure the connection is secure and properly seated. ***It is crucial to use a Dometic proprietary communication cable for proper functionality, as standard RJ11 cables may not be compatible.***
4. **Power Reconnection:** Once all connections are secure and the thermostat is mounted, restore power to the system.
5. **Initial Power-Up:** The thermostat display should illuminate. Follow any on-screen prompts for initial setup or system recognition.

For detailed wiring diagrams and specific system configurations, refer to the comprehensive installation guide provided with your RV's climate control system or consult a qualified technician.

Operating Instructions

The Dometic CCC2 Thermostat features a user-friendly interface with 10 distinct buttons for controlling your RV's climate. Familiarize yourself with the button functions for optimal use.

Button Functions:

- **Power Button ( ):** Turns the climate control system ON or OFF.
- **ZONE Button:** Selects the climate control zone to adjust (if multiple zones are configured).
- **FAN Button:** Cycles through fan speed settings (e.g., Auto, Low, Medium, High).
- **MODE Button:** Changes the operating mode (e.g., Cool, Heat, Heat Pump, Furnace, Fan Only, Auto).
- **PROGRAM Button:** Accesses programming features for setting schedules or specific operational parameters.
- **CLOCK Button:** Used to set the current time on the thermostat display.
- **INSIDE TEMP Button:** Displays the current indoor temperature.
- **°F/°C Button:** Toggles the temperature display between Fahrenheit and Celsius.
- **Up (▲) / Down (▼) Buttons:** Adjusts the desired temperature setting or navigates through menu options.

Basic Operation:

1. **Turning On/Off:** Press the Power button to activate or deactivate the system.
2. **Selecting Mode:** Press the MODE button repeatedly until the desired operating mode (e.g., Cool, Heat) is displayed.
3. **Setting Temperature:** Use the Up or Down buttons to set your desired temperature. The display will show the set temperature.
4. **Adjusting Fan Speed:** Press the FAN button to cycle through available fan speeds for the selected mode.
5. **Checking Inside Temperature:** Press the INSIDE TEMP button to view the current ambient temperature.

For advanced programming features, such as setting schedules or specific zone controls, refer to the detailed programming section in the full user manual (if available from Dometic).

Maintenance

The Dometic CCC2 Thermostat requires minimal maintenance to ensure continued optimal performance.

- **Cleaning:** Periodically wipe the thermostat's surface with a soft, damp cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the display or casing.
- **Sensor Clearance:** Ensure that the temperature sensor (usually a small opening on the thermostat body) is not obstructed by dust, debris, or objects, as this can lead to inaccurate temperature readings.
- **Connections:** Occasionally check the wiring connections to ensure they remain secure. If you notice any loose connections, power down the system before re-securing them.

No user-serviceable parts are inside the thermostat. For any internal issues or repairs, contact qualified service personnel.

Troubleshooting

If you encounter issues with your Dometic CCC2 Thermostat, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Thermostat display is blank or flickering.	No power, loose connection, or internal malfunction.	1. Check if the RV's main power supply is on. 2. Verify that the circuit breaker for the climate control system is not tripped. 3. Ensure the communication cable is securely plugged into the thermostat and the control board. 4. If the issue persists, contact Dometic support or a qualified technician.
System not responding to thermostat commands (e.g., AC not turning on).	Incorrect mode selection, communication error, or system fault.	1. Confirm the thermostat is set to the correct operating mode (e.g., COOL for AC). 2. Check the set temperature to ensure it is below the ambient temperature for cooling or above for heating. 3. Power cycle the entire RV climate control system (turn off power at the breaker for a few minutes, then restore). 4. Verify the communication cable connection.
Inaccurate temperature readings.	Obstructed sensor or improper thermostat placement.	1. Ensure the thermostat's temperature sensor is clean and unobstructed. 2. Confirm the thermostat is not exposed to direct sunlight, drafts, or heat sources.

If these steps do not resolve the issue, it is recommended to consult the full Dometic CCC2 service manual or contact Dometic customer support for further assistance.

Specifications

Attribute	Detail
Brand	Dometic
Model Name	Thermostat CCC2
Product Dimensions	2.5"D x 7.75"W x 5"H
Controller Type	Hand Control
Color	Black
Temperature Control Type	Programmable
Connectivity Technology	Wi-Fi *(Note: This may refer to system compatibility, not direct thermostat Wi-Fi)*
Included Components	1 x Remote Control *(Note: This refers to the thermostat unit itself, which functions as the primary control interface for your climate system.)*
Power Source	AC adapter
Voltage	115 Volts
Shape	Rectangular
Display Type	LCD
Control Type	Button Control
Control Method	Remote *(Note: This refers to the thermostat's ability to control the climate system remotely, not that a separate remote control device is included.)*
Mounting Type	Wall Mount
Style	Modern
Backlight	No
UPC	713814206321
Manufacturer	Dometic (WAECO)
Item Weight	7.4 ounces
Item Model Number	Thermostat CCC2
Manufacturer Part Number	3314082000
ASIN	B00CXB7BVU
Date First Available	May 22, 2013

Note: Specifications are subject to change without notice. Please refer to the product packaging or Dometic's official website for the most current information.

Warranty Information

Dometic products are manufactured to high-quality standards and are backed by a manufacturer's warranty. Specific warranty terms, conditions, and duration may vary by region and product. Please retain your proof of purchase for warranty claims.

For detailed warranty information, including coverage, limitations, and how to make a claim, please refer to the warranty card included with your product or visit the official Dometic website.

Support and Contact

Should you require technical assistance, have questions about your Dometic CCC2 Thermostat, or need to order replacement parts, please contact Dometic customer support.

For the most up-to-date contact information and support resources, please visit the official Dometic website or their Amazon store page:

Visit the Dometic Store on Amazon

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