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› Dometic Capacity Touch Thermostat with Control Kit (Model 3316232.010) Instruction Manual

Dometic 3316232.010

Dometic Capacity Touch Thermostat with Control Kit (Model 3316232.010) Instruction Manual

Brand: Dometic | Model: 3316232.010

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Dometic Capacity Touch Thermostat with Control Kit. This single-zone LCD thermostat features a modern, low-profile design and a clear, backlit display for easy reading in various lighting conditions. It is designed for use with ducted or non-ducted rooftop AC units and supports cool/furnace, cool/furnace/heat pump, or cool/furnace/heat strip configurations.

The thermostat utilizes capacitive touch symbols for intuitive access to all climate control features, displaying temperature, mode, and set point with a simple touch.

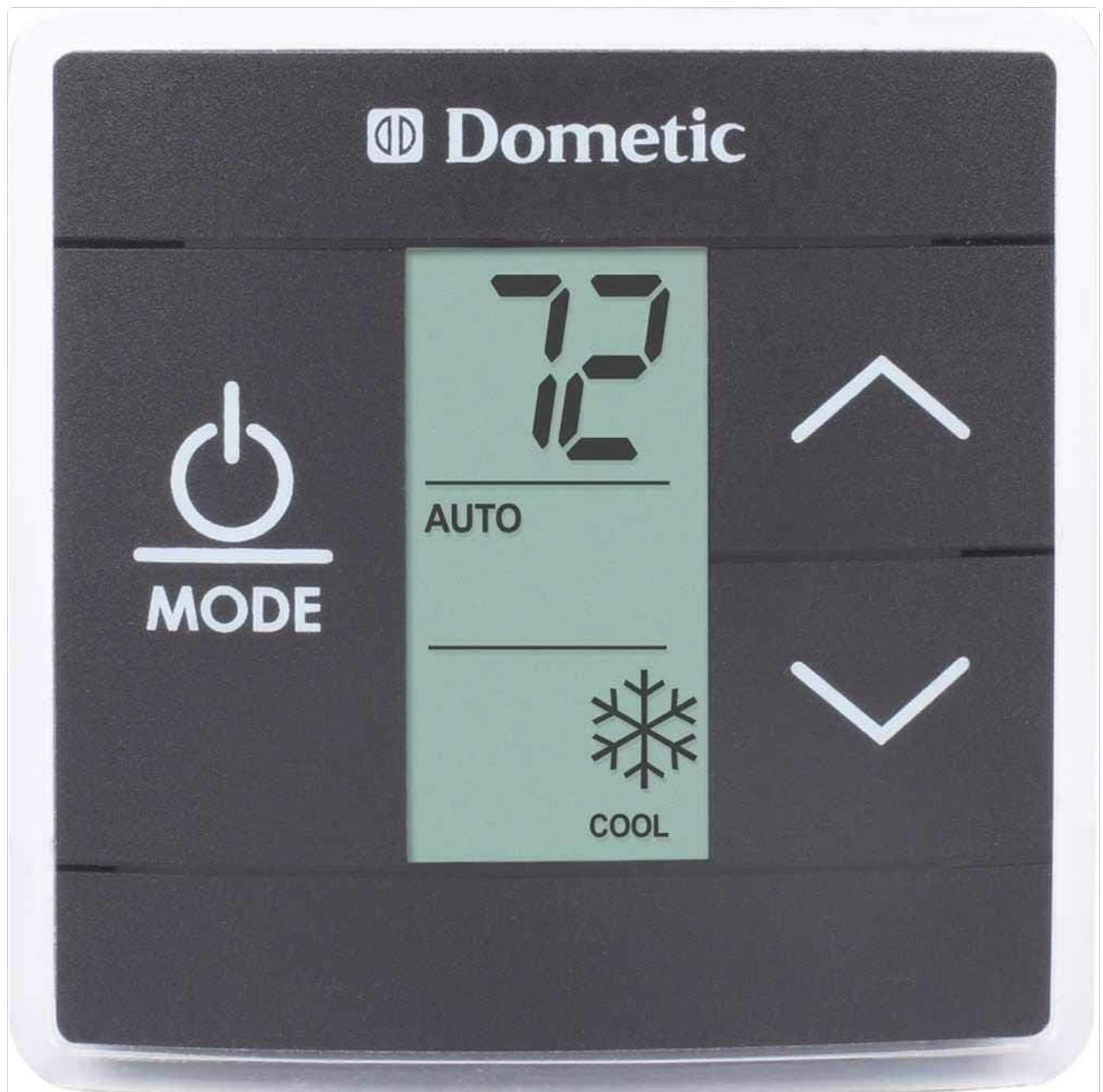


Figure 1: Front view of the Dometic Capacity Touch Thermostat, displaying current settings.

2. SAFETY INFORMATION

Please read all safety instructions before installing or operating this product. Failure to follow these instructions could result in property damage, personal injury, or death.

- **Electrical Hazard:** Disconnect all power to the air conditioner and furnace before installing or servicing the thermostat.
- **Qualified Personnel:** Installation and servicing should only be performed by qualified service personnel.
- **Voltage:** Ensure the power supply matches the thermostat's 12 Volt DC requirement.
- **Wiring:** Follow all local and national electrical codes.
- **Product Use:** Use this product only for its intended purpose as an RV climate control thermostat.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Dometic Capacity Touch Thermostat
- Control Kit
- Temperature Sensor
- Mounting Hardware (screws)

4. SETUP & INSTALLATION

The Dometic Capacity Touch Thermostat is designed for wall-mount installation and is compatible with existing Single Zone LCD thermostats. Installation is a straightforward process, but professional installation is recommended if you are unfamiliar with RV electrical systems.

4.1. Mounting the Thermostat

1. Ensure all power to the RV's HVAC system is disconnected.
2. Carefully remove the old thermostat, noting the wiring connections.
3. Position the new Dometic thermostat on the wall. Its footprint is approximately 3.25"H x 3.25"W.
4. Secure the thermostat to the wall using appropriate mounting hardware (screws provided).
5. Connect the wiring from the RV to the thermostat's control kit, following the wiring diagram provided with the control kit.
6. Attach the temperature sensor as per the control kit instructions.
7. Once wiring is complete and secure, reattach the thermostat faceplate.

Video: RV Single Zone Wall Thermostat Overview

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This video provides a general overview of an RV single zone wall thermostat, demonstrating its physical appearance and basic components. It highlights the compact design and the back panel for wiring connections.

Video: Dometic Thermostat Product Overview

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This video offers a product overview of a Dometic thermostat, showcasing its design and features. It provides a visual guide to the unit's aesthetics and potential mounting considerations.

5. OPERATING INSTRUCTIONS

The Dometic Capacity Touch Thermostat features a user-friendly interface with capacitive touch controls and a clear LCD display. The blue backlight ensures visibility in low-light conditions.

5.1. Basic Controls

- **Power/Mode Button:** Press the "MODE" button (power symbol) to turn the unit on/off and cycle through available modes (Cool, Furnace, Heat Strip, Fan Only).
- **Temperature Adjustment:** Use the up (▲) and down (▼) arrow buttons to adjust the desired temperature set point.
- **Display:** The LCD displays the current temperature, selected mode, and set point.

Video: Dometic Thermostat Operation Demonstration

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This video demonstrates the basic operation of a Dometic thermostat, including powering on, cycling through modes, and adjusting temperature settings using the touch buttons. It highlights the ease of use and the backlit display.

Video: Camper Conditioners with Digital Thermostat

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This video showcases a digital thermostat for camper conditioners, illustrating its functionality and how it integrates with the RV's climate control system. It provides context for the thermostat's application.

6. MAINTENANCE

To ensure optimal performance and longevity of your Dometic thermostat, follow these simple maintenance guidelines:

- **Cleaning:** Gently wipe the thermostat's surface with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Inspection:** Periodically check the wiring connections for any signs of wear or looseness. Ensure the temperature sensor is clean and unobstructed.
- **Power Cycle:** If the thermostat behaves erratically, try disconnecting and reconnecting the RV's main power supply for a few minutes to reset the system.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Thermostat not powering on.	No power supply; loose wiring.	Check RV's 12V power supply. Verify all wiring connections are secure.
Incorrect temperature reading.	Obstructed temperature sensor; sensor malfunction.	Ensure sensor is clear of obstructions. If problem persists, contact support.
System not responding to commands.	System glitch; control kit issue.	Perform a power cycle (disconnect/reconnect RV power). Check control kit connections.

For more complex issues, please contact Dometic customer support or a certified RV technician.

Video: Choosing the Right EasyTouch Model (Dometic Compatibility)

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This video from Hutch Mountain provides a guide on choosing the correct EasyTouch thermostat model, including compatibility with various Dometic systems. It can be helpful for understanding system integration.

8. SPECIFICATIONS

Feature	Detail
Brand	Dometic
Model Name	3316232.010
Thermostat Dimensions (Faceplate)	3.25" H x 3.25" W x 1" D
Controller Type	Push Button, Touch
Special Feature	Programmable
Color	Black Or White (This specific model is Black)
Specific Uses	Furnace, Cool, Heat Strip
Temperature Control Type	Manual
Included Components	Control Kit, Temperature Sensor
Power Source	Battery Powered (operates on 12V DC from RV)
Item Weight (Package)	2.5 Pounds
Voltage	12 Volts
Display Type	LCD (Blue Backlight)
Mounting Type	Wall Mount
UPC	713814215712
Manufacturer Part Number	3316232.010

9. WARRANTY & SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official Dometic website. Keep your purchase receipt for warranty claims.

Dometic Customer Service: For assistance, please contact Dometic directly through their official support channels.

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