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MICRO-AIR 345

MICRO-AIR EasyTouch Digital RV Thermostat

MODEL 345 USER MANUAL

Brand: MICRO-AIR

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1. Introduction

The MICRO-AIR EasyTouch Digital RV Thermostat Model 345 provides advanced climate control for your recreational vehicle. This programmable thermostat features a large color touch screen, Wi-Fi, and Bluetooth connectivity, allowing for convenient temperature management both inside your RV and remotely via a smartphone application. It is designed to automatically detect and manage various system sources, including furnaces, heat strips, and cooling units, ensuring optimal comfort.



Image: The MICRO-AIR EasyTouch Digital RV Thermostat, a sleek black unit, is shown installed on a wall inside a modern RV, displaying temperature and various control icons.

2. Compatibility

The MICRO-AIR EasyTouch Digital RV Thermostat Model 345 is specifically designed to replace the Coleman MACH 9420-330 RV-C thermostat. It is compatible with major RV AC thermostat controls and 120V systems. Before purchasing and installing, verify that your current thermostat model matches the compatible models listed in the guide below to ensure proper function.



BEFORE YOU BUY

Check these key details to ensure compatibility before buying.

- ✓ Are you replacing a Coleman Mach thermostat with a compatible OEM model? Compatible OEM models include: 9420- 330 RV-C
– Select a different thermostat that replaces your OEM thermostat.
- ✓ Does your RV run on 120 V?
– EasyTouch is only compatible with 120 V systems.

Image: A graphic titled 'BEFORE YOU BUY' highlights key compatibility checks, including replacing Coleman Mach 9420-330 RV-C and requiring a 120V RV system.



Image: A detailed chart showing various original equipment manufacturer (OEM) thermostats on the left and their corresponding MICRO-AIR EasyTouch replacement models on the right, including the 345 model for Coleman MACH 9420-330 RV-C.

3. Key Features

- **Touch Screen Interface:** Large, colored 4" x 3.05" display for easy, one-touch temperature adjustments.
- **Programmable:** Set schedules for heating and cooling to maintain desired temperatures automatically.
- **Wireless Connectivity:** Equipped with Wi-Fi and Bluetooth for remote control and monitoring via a smartphone app.
- **Automatic System Detection:** Automatically identifies and manages system sources such as furnaces, heat strips, and cooling units.
- **Remote Control:** Control your RV's climate from anywhere using the dedicated smartphone application.
- **Free Feature Updates:** Receive software updates via Wi-Fi without monthly service fees.

EASYTOUCH RV TOUCH SCREEN THERMOSTAT WITH WIFI AND BLUETOOTH



- ✓ Programmable with wireless communications
- ✓ Large color touch screen 3"x3.9"x1.06"
- ✓ Control your RV A/C remotely anywhere
- ✓ WiFi and Bluetooth enabled and free smartphone application
- ✓ Compatible With Major RV A/C Thermostat Controls
- ✓ Automatically detects system sources such as Furnace, Heat Strip and Cooling

Image: Two MICRO-AIR EasyTouch RV Thermostats (one black, one white) are displayed alongside a list of key features, emphasizing wireless communication, touch screen, remote control, and automatic system detection.

4. Setup & Installation

Installation of the EasyTouch thermostat is designed to be straightforward. Follow these steps carefully.

4.1 Removing the Old Thermostat

1. Locate the rectangular locking tab on the bottom of your existing thermostat.
2. Depress this tab using a small screwdriver.
3. Gently pull the thermostat away from the wall, starting from the bottom.
4. Unplug the connector by depressing its locking tab.
5. Remove the back plate mounting screws and detach the back plate.

4.2 Wiring the Thermostat

All EasyTouch models utilize a simple telephone-style modular jack, which is a common Ethernet connector with a press tab. Carefully remove the connector from your old thermostat and insert it into the new EasyTouch thermostat.

4.3 Mounting the EasyTouch Thermostat

1. Locate the mounting buttons horizontally across the hole against the wall.
2. Screw in one screw and level the buttons so the display will be straight when installed.
3. Screw in the second screw, ensuring both buttons remain level.
4. Remove any temporary mounting tabs before securing the thermostat to the wall.
5. Align the EasyTouch display against the wall and gently slide it down to lock it into place.



Image: A diagram illustrating the steps for installing the MICRO-AIR EasyTouch Thermostat, including removing the old unit and wiring the new one.



Image: A five-step visual guide demonstrating how to mount the MICRO-AIR EasyTouch Thermostat to the wall, from locating mounting points to securing the display.

5. Operating Instructions

The EasyTouch thermostat offers intuitive control through its touch screen and a dedicated mobile application.

5.1 Touch Screen Interface

The large color touch screen allows for direct interaction. Tap on the temperature display to adjust the setpoint, or use the icons to change modes, fan settings, or access system information.



Large Colored Touch Screen

Image: A hand interacts with the large colored touch screen of the MICRO-AIR EasyTouch thermostat, showing the current temperature, outside temperature, and various control icons.

5.2 Mobile App Control (Wi-Fi & Bluetooth)

For remote control, download the EasyTouch RV App from your smartphone's app store. The app allows you to monitor and control your RV's air conditioner, furnace, and heat pump from anywhere with Wi-Fi or Bluetooth connectivity.



Remote Control

Control thermostat remotely from your phone or tablet



Download the EasyTouch RV App



Image: A smartphone screen shows the EasyTouch RV App interface, allowing users to remotely control their RV's thermostat settings, including scheduling and temperature adjustments.

Video: This video demonstrates the on-device and mobile app control of the Micro-Air EasyTouch RV Thermostat, showing how to adjust temperature, switch zones, and manage settings remotely. It highlights the convenience of monitoring inside and outside temperatures and controlling heating/cooling functions from a smartphone.

Video: This video provides a comprehensive overview of the Micro-Air EasyTouch RV Thermostat, showcasing its features and ease of use for ultimate climate control. It demonstrates the intuitive interface and the benefits of its smart capabilities for RV owners.

5.3 Temperature Adjustment

On the thermostat screen or within the app, tap the up/down arrows next to the temperature display to increase or decrease the desired setpoint.

5.4 System Modes

The thermostat automatically detects system sources. You can manually select modes such as Heat, Cool, or Fan Only through the interface or app. The programmable feature allows you to set schedules for these modes.

5.5 Zone Control

If your RV has multiple climate zones, the EasyTouch thermostat allows you to switch between zones to manage

temperatures independently. Select the desired zone from the interface to adjust its settings.

6. Maintenance

- **Cleaning:** Gently wipe the touch screen with a soft, dry, or slightly damp cloth. Avoid abrasive cleaners or solvents.
- **Software Updates:** Ensure your thermostat's software is up-to-date by checking for free feature updates via Wi-Fi. This ensures optimal performance and access to new functionalities.
- **Battery Check:** While the thermostat is primarily powered by your RV's system, ensure any backup batteries (if applicable) are in good condition.

7. Troubleshooting

- **No Power/Display Off:** Check the RV's power supply and ensure the thermostat is correctly wired and seated on its back plate.
- **Incorrect Temperature Reading:** Verify that the thermostat is not exposed to direct sunlight or drafts, which can affect sensor accuracy. If persistent, a calibration setting may be available in advanced settings.
- **Wi-Fi/Bluetooth Connectivity Issues:** Ensure your RV's Wi-Fi network is active and within range. For Bluetooth, ensure your device is close to the thermostat. Restarting both the thermostat and your mobile device can often resolve connection problems.
- **System Not Responding (Heat/Cool):** Confirm that the correct system mode (Heat, Cool, Fan) is selected. Check your RV's main HVAC system for any power issues or error codes.
- **App Not Working:** Ensure the app is updated to the latest version. Try force-closing and reopening the app, or reinstalling it if issues persist.

If you encounter issues not covered here, please refer to the official MICRO-AIR support resources.

8. Specifications

Brand	MICRO-AIR
Model Name	EasyTouch Digital Thermostat ASY-345-X02
Product Dimensions	1"D x 4"W x 3"H
Controller Type	iOS (and Android via app)
Special Feature	Programmable, Temperature Display
Color	White
Specific Uses	Air Conditioner, Furnace
Temperature Control Type	Heating, Cooling
Connectivity Technology	Bluetooth, Wi-Fi
Display Type	LED
Control Type	Touchpad Control
Mounting Type	Wall Mount

UPC	850049469272
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9. Warranty & Support

MICRO-AIR products are designed for reliability. For specific warranty details, please refer to the documentation included with your product or visit the official MICRO-AIR website. For any questions or technical assistance, please contact Hutch Mountain customer support, as they are dedicated to assisting customers with their MICRO-AIR products.

Hutch Mountain Promise: Reliability is our promise. Our Micro-Air EasyTouch Digital thermostat for RV is designed to offer you seamless control of your RV's climate whenever you need it most. We are dedicated to our customers – feel free to give us a shout if you have any questions!