

## Furrion FACW12APZA

# Furrion Enhanced Multi-Zone Wall Thermostat FACW12APZA Instruction Manual

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Furrion Enhanced Multi-Zone Wall Thermostat (Model FACW12APZA). This thermostat is designed for compatibility with Furrion Chill RV rooftop AC units, multi-zone controllers, and air distribution boxes, creating a fully integrated climate control system for your recreational vehicle.

Please read this manual thoroughly before installation and use to ensure proper function and safety.

## 2. SAFETY INFORMATION

Always disconnect power to the RV's air conditioning system before performing any installation, maintenance, or troubleshooting. Failure to do so may result in electrical shock, injury, or damage to the product.

- Ensure all wiring connections are secure and comply with local and national electrical codes.
- Do not operate the thermostat if it appears damaged or is not functioning correctly.
- Keep the thermostat away from water and excessive moisture.
- Only use replacement parts specified by Furrion.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Furrion Enhanced Multi-Zone Wall Thermostat
- Warranty Manual

## 4. PRODUCT OVERVIEW

The Furrion Enhanced Multi-Zone Wall Thermostat provides precise climate control for your RV. Its digital LCD display offers clear visibility of settings, while app control via Bluetooth enhances convenience.



**Figure 1: Furrion Enhanced Multi-Zone Wall Thermostat**

A circular, black and silver wall-mounted thermostat featuring a digital LCD display showing time, temperature, fan speed, and operating modes (Auto, Cool, Heat, Fan, Dry). Below the screen are touch-sensitive buttons for Program, Zone, Mode, Light, Sleep/App, Power, Fan, and temperature up/down arrows. The text 'App Controlled Air Conditioner' is visible at the bottom.

### Key Features:

- **Digital LCD Display:** Provides clear temperature, mode, and fan speed readings with an LED backlight for visibility day or night.
- **Three Fan Speeds:** Offers Low, Medium, and High fan settings for optimal airflow and temperature regulation.
- **Auto Fan Operation:** Automatically adjusts fan speed to maintain the desired temperature.
- **Bluetooth Technology:** Enables convenient control of your AC system via a dedicated iOS or Android app.
- **Auto Restart:** Preserves previous settings and restores them after a power interruption.
- **Multi-Zone Compatibility:** Designed to integrate with Furrion Chill RV rooftop AC units and multi-zone controllers.

## 5. SETUP

The Furrion Enhanced Multi-Zone Wall Thermostat is designed for straightforward installation. It integrates with

Furrion Chill RV rooftop AC units and their air distribution boxes.

## Installation Overview:

Installation typically involves mounting the thermostat to a wall and connecting it to the RV's existing wiring for the AC system. Ensure proper wiring according to the included warranty manual and any specific instructions provided with your Furrion Chill RV rooftop AC unit or multi-zone controller.

### Video 1: Furrion Chill Cube DIY Installation

This video provides a step-by-step guide on how to install the Furrion Chill Cube RV air conditioner unit, including details on connecting the internal air distribution box. While not directly about the thermostat, it offers valuable context for the system this thermostat controls.

## 6. OPERATING INSTRUCTIONS

The thermostat features a user-friendly interface with a digital LCD display and intuitive buttons. It can also be controlled via a smartphone app.

### 6.1. Power On/Off

- Press the **Power** button (usually indicated by a circle with a vertical line) to turn the unit on or off.

### 6.2. Selecting Operating Mode

Press the **Mode** button to cycle through the available operating modes:

- **AUTO:** The system automatically selects heating or cooling to maintain the set temperature.
- **COOL:** The air conditioner operates to cool the RV interior.
- **HEAT:** The system operates to heat the RV interior.
- **FAN:** The fan operates continuously without heating or cooling.
- **DRY:** The system operates to dehumidify the RV interior.

### 6.3. Adjusting Temperature

Use the **Up (^)** and **Down (v)** arrow buttons to set your desired temperature. The temperature range is typically between 60°F and 86°F (16°C and 30°C).

### 6.4. Adjusting Fan Speed

Press the **Fan** button to cycle through the fan speed options:

- **AUTO:** Fan speed adjusts automatically based on temperature difference.
- **LOW:** Constant low fan speed.
- **MEDIUM:** Constant medium fan speed.
- **HIGH:** Constant high fan speed.

### 6.5. Sleep Function

Activate the **Sleep** function for optimized nighttime comfort and energy efficiency. This mode typically adjusts the set temperature gradually over several hours.

### 6.6. App Control (Bluetooth)

The thermostat supports app control via Bluetooth. Download the Furrion app on your iOS or Android device to remotely manage your RV's climate settings. Refer to the app's instructions for pairing and usage.

### 6.7. Auto Restart

In the event of a power outage, the Auto Restart feature will automatically restore the thermostat to its last

used settings once power is re-established.

## 7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your thermostat and AC system.

- **Cleaning:** Wipe the thermostat's surface with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Air Filter:** Regularly check and clean the air filter in your Furrion Chill RV rooftop AC unit's air distribution box. A dirty filter can reduce efficiency and airflow. Refer to your AC unit's manual for specific filter maintenance instructions.
- **Connections:** Periodically inspect all wiring connections for tightness and signs of wear.

## 8. TROUBLESHOOTING

If you encounter issues with your thermostat, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Thermostat display is blank	No power to the unit; loose wiring	Check RV power supply; inspect wiring connections.
AC not cooling/heating effectively	Incorrect mode selected; dirty air filter; low refrigerant (AC unit issue)	Verify mode setting; clean/replace air filter; consult AC unit manual or professional.
App control not connecting	Bluetooth disabled; app not updated; thermostat not in pairing mode	Ensure Bluetooth is on; update app; follow app's pairing instructions.
Temperature reading inaccurate	Thermostat sensor obstructed or faulty	Ensure thermostat is not exposed to direct sunlight or heat sources; contact support if issue persists.

## 9. SPECIFICATIONS

Feature	Detail
Brand	Furrion
Model Number	FACW12APZA
Model Name	Furrion Enhanced Multi-Zone Wall Thermostat with App Control for Chill Air Conditioner Systems
Controller Type	Android, iOS (via App)
Special Feature	App Control, Bluetooth
Color	Black
Specific Uses	RV Air Conditioner Control
Temperature Control Type	Digital



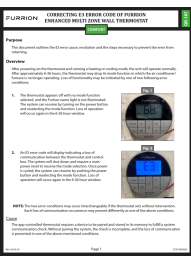
Feature	Detail
Connectivity Technology	Bluetooth
Power Source	DC Power Supply
Voltage	12 Volts (DC)
Display Type	LCD or LED
Mounting Type	Wall Mount
Backlight	Yes
Product Dimensions	6 x 4 x 4 inches
Item Weight	7.8 ounces




## 10. WARRANTY AND SUPPORT

Your Furrion Enhanced Multi-Zone Wall Thermostat comes with a warranty. Please refer to the included warranty manual for detailed information regarding warranty coverage, terms, and conditions.

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Furrion customer support. Contact information can be found in your warranty manual or on the official Furrion website.

### Related Documents - FACW12APZA

	<p><a href="#">Furrion Multi Zone Wall Thermostat Instruction Manual</a></p> <p>Comprehensive instruction manual for the Furrion Multi Zone Wall Thermostat (Model FACW12ZA-BL), covering installation, operation, features, troubleshooting, and specifications.</p>
	<p><a href="#">Furrion Multi Zone Wall Thermostat Instruction Manual</a></p> <p>Instruction manual for the Furrion Multi Zone Wall Thermostat, Model FACW12ZA-BL. Covers installation, operation, features, specifications, and warranty information.</p>
	<p><a href="#">Correcting E3 Error Code on Furrion Enhanced Multi Zone Wall Thermostat</a></p> <p>This guide provides instructions to resolve the E3 error code on Furrion Enhanced Multi Zone Wall Thermostats, detailing the cause and the necessary steps for pairing the thermostat with a control device to restore communication.</p>

 <p><b>FURRION</b> Chill Cube (Ducted) Single Zone Wall Thermostat MODEL: FACW13VSDSA-BL LUPPERT P/N: 2024025000 OEM Installation Manual</p>	<p><a href="#">Furrion Chill Cube (Ducted) Single Zone Wall Thermostat Installation Manual</a></p> <p>OEM Installation Manual for the Furrion Chill Cube (Ducted) Single Zone Wall Thermostat (Model: FACW13VSDSA-BL). Provides detailed instructions for installation, operation, and troubleshooting.</p>
 <p><b>FURRION</b> Thermostat Kit For Ducted Chill Cube (R32) LUPPERT P/N: 2024037199 FOR AFTERMARKET APPLICATIONS</p>	<p><a href="#">Furrion Thermostat Kit for Ducted Chill Cube (R32) Installation and User Manual</a></p> <p>Detailed installation and operation guide for the Furrion Thermostat Kit for Ducted Chill Cube (R32). Covers unboxing, mounting, wiring, climate control functions, and troubleshooting. Includes support links for further assistance.</p>
 <p><b>FURRION CHILL™</b> Rooftop Air Conditioner Instruction Manual Model: FACR13SA, FACR14SA, FACR15SA, FACT12LA, FACT12SA LUPPERT P/N: 2024037199</p>	<p><a href="#">Furrion Chill Rooftop Air Conditioner Installation and Operation Manual</a></p> <p>This manual provides detailed instructions for the installation, operation, cleaning, maintenance, and troubleshooting of Furrion Chill Rooftop Air Conditioners, including models FACR13SA, FACR14SA, FACR15SA, FACT12LA, and FACT12SA. It also covers the installation and operation of the Furrion Single Zone Premium Wall Thermostat (FACW12PA-BL).</p>