

Ritetemp 8050

Ritetemp Programmable Thermostat Model 8050 User Manual

Brand: Ritetemp | Model: 8050

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Ritetemp Programmable Thermostat Model 8050. This thermostat is designed for ease of use and energy efficiency, offering 7-day programming capabilities to match your lifestyle and help manage energy consumption.

Key features include:

- 7-Day Programmable Schedule: Customize temperature settings for each day of the week.
- Large LCD Backlit Screen: Provides clear visibility of settings and current temperature.
- Universal Replacement: Compatible with 99% of all thermostats, including Millivolt, C-Wire, and 24-Volt systems.
- Works with Virtually Any Furnace: Designed for broad compatibility with various heating and cooling systems.
- Unit Snaps Off The Wall: Allows for convenient programming in any location.

SETUP AND INSTALLATION

Before You Begin

Ensure you have the following tools for installation:

- Phillips screwdriver
- Drill with 3/16" bit (for new installations only)

Important: Switch off electricity to your heating/cooling system at the main fuse or circuit breaker panel before beginning installation to prevent electrical shock and equipment damage.

Mounting and Wiring

The Ritetemp Model 8050 is designed for easy installation. The unit includes wall mounting plate and hardware. Follow these general steps:

1. Remove your old thermostat. Label wires carefully before disconnecting them.
2. Attach the new Ritetemp wall plate to the wall using the provided screws.
3. Connect the labeled wires to the corresponding terminals on the new wall plate. Refer to the wiring diagram provided with your thermostat for specific connections.
4. Ensure all connections are secure.

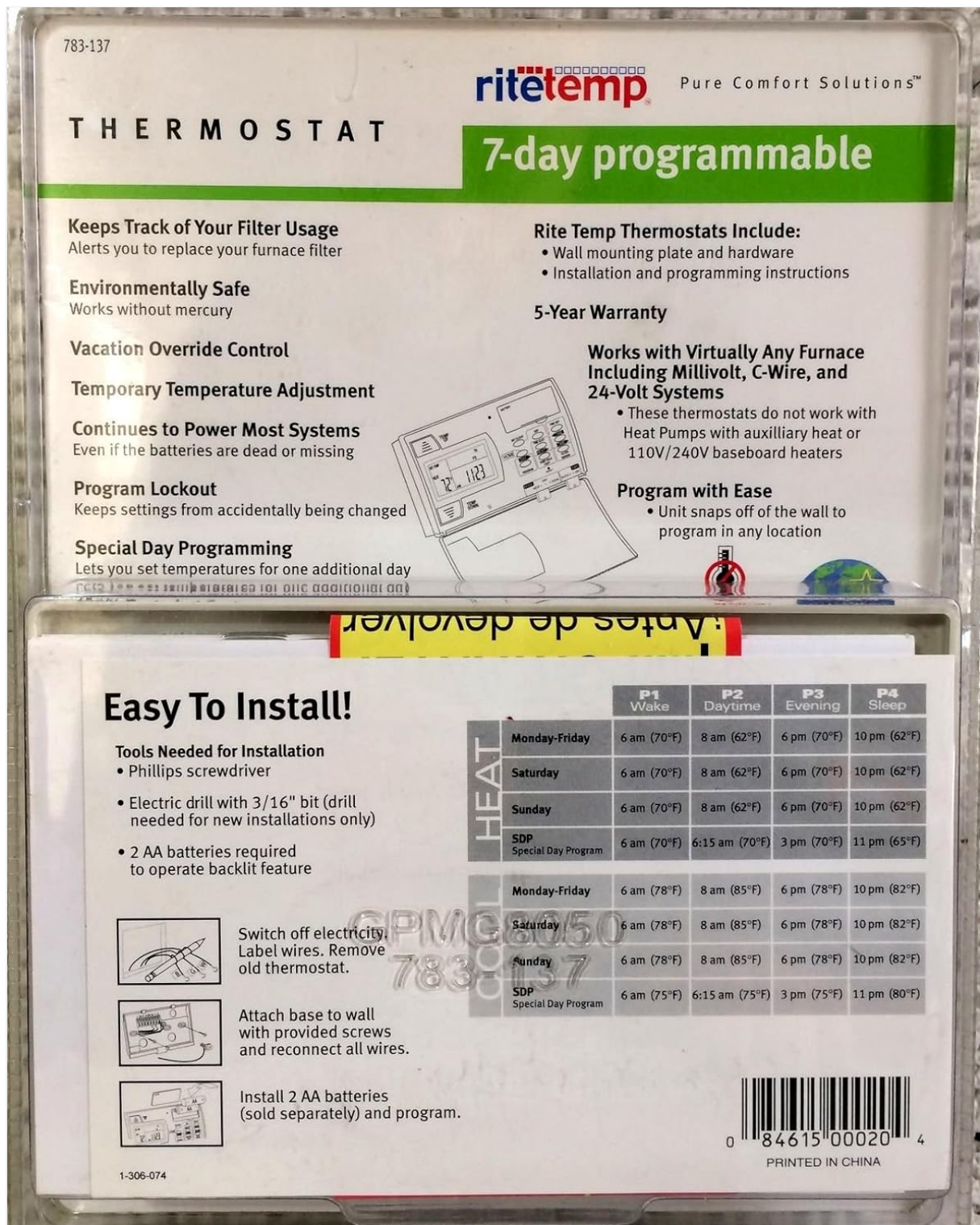


Image: Back of the Ritetemp Thermostat packaging, illustrating the 'Easy To Install!' steps with diagrams for removing the old thermostat, attaching the base, and installing batteries. It also shows a sample 7-day programming schedule.

Battery Installation

The thermostat requires 2 AA batteries (sold separately) to power the unit and the backlight feature. Install the batteries into the designated compartment on the thermostat unit before snapping it onto the wall plate.

OPERATING INSTRUCTIONS

Understanding the Display

The large LCD backlit screen displays the current temperature, set temperature, time, day of the week, and system mode. The backlight improves readability, especially in low-light conditions.



Image: Front view of the Ritetemp Programmable Thermostat Model 8050, showing the large LCD screen, control buttons, and the 'backlit screen' feature highlighted on its packaging.

Setting the Time and Day

Refer to your thermostat's specific buttons (e.g., 'Set', 'Time', 'Day') to adjust the current time and day of the week. This is crucial for accurate program scheduling.

Programming a Schedule (7-Day Programmable)

The Model 8050 allows for individual day programming with four distinct periods: Wake, Daytime, Evening, and Sleep. This enables you to set different temperatures for different times of the day and for each day of the week.

A typical programming schedule might look like this:

	P1 Wake	P2 Daytime	P3 Evening	P4 Sleep
Monday-Friday	6 am (70°F)	8 am (62°F)	6 pm (70°F)	10 pm (62°F)
Saturday	6 am (70°F)	8 am (62°F)	6 pm (70°F)	10 pm (62°F)
Sunday	6 am (70°F)	8 am (62°F)	6 pm (70°F)	10 pm (62°F)

Consult the full programming instructions in the included guide for detailed steps on setting your personalized schedule.

Temporary Temperature Adjustment

You can temporarily adjust the temperature without altering your programmed schedule. The thermostat will maintain the new temperature until the next programmed period begins.

System Modes

Your thermostat offers various system modes:

- **HEAT:** The system will only activate the heating function.
- **COOL:** The system will only activate the cooling function.
- **OFF:** Both heating and cooling functions are disabled.
- **AUTO:** The thermostat automatically switches between heating and cooling to maintain the set temperature range.
- **FAN ON/AUTO:** 'ON' keeps the fan running continuously; 'AUTO' runs the fan only when heating or cooling is active.

Program Lockout

The program lockout feature helps prevent accidental changes to your settings, ensuring your schedule remains consistent.

Filter Usage Tracking

The thermostat keeps track of your filter usage and provides alerts when it's time to replace your furnace filter, promoting efficient system operation and air quality.

MAINTENANCE

Battery Replacement

Replace the 2 AA batteries annually or when the low battery indicator appears on the display. Ensure the power to the HVAC system is off before replacing batteries. The thermostat continues to power most systems even if the batteries are dead or missing, but the display and programming features will be affected.

Cleaning

Clean the thermostat's exterior with a soft, damp cloth. Avoid using abrasive cleaners or solvents, as these

can damage the finish or internal components.

TROUBLESHOOTING

If you encounter issues with your Ritetemp Model 8050 thermostat, consider the following common solutions:

- **No Display/Blank Screen:** Check battery installation and replace with fresh AA batteries. Ensure power to the HVAC system is on.
- **System Not Responding (Heating/Cooling):** Verify the system mode (HEAT, COOL, AUTO) is correctly selected. Check the circuit breaker for your HVAC system. Ensure wiring connections are secure.
- **Incorrect Temperature Readings:** Ensure the thermostat is not exposed to direct sunlight, drafts, or heat sources that could affect its sensor.
- **Programming Issues:** Review the programming instructions carefully. Ensure the current time and day are set correctly.
- **Thermostat Does Not Work with Heat Pumps:** Note that this thermostat does not work with Heat Pumps with auxiliary heat or 110V/240V baseboard heaters.

For persistent issues, refer to the full troubleshooting guide in your product packaging or contact Ritetemp customer support.

SPECIFICATIONS

Brand	Ritetemp
Model Name	8050
Controller Type	Push Button
Special Feature	Programmable
Color	White
Specific Uses For Product	Furnace
Temperature Control Type	Digital
Connectivity Technology	Wired
Power Source	AC/DC
Item Weight	0.99 Pounds (approx. 15.8 ounces)
Voltage	24 Volts
Material	Plastic, Glass
Display Type	Digital
Control Method	Touch
Mounting Type	Wall Mount
Backlight	Yes

UPC	084615000204
Product Dimensions	10.47 x 7.64 x 1.57 inches


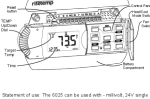
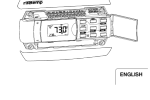
WARRANTY AND SUPPORT

The Ritetemp Programmable Thermostat Model 8050 comes with a **5-Year Warranty**, ensuring reliability and peace of mind.

For additional information, support, or warranty claims, please visit the official Ritetemp website or contact customer service:

- Website: www.Ritetemp.info
- Customer Service Phone: 800-304-8585

Related Documents - 8050

<p>Operation 6030 ritetemp</p>  <p>ENGLISH</p>	<p>Ritetemp 6030 Programmable Thermostat Operation Guide</p> <p>Comprehensive guide to operating the Ritetemp 6030 programmable thermostat, covering basic screen navigation, configuration, programming, manual overrides, special features, and calibration. Learn to set schedules, adjust temperatures, and optimize energy efficiency.</p>
<p>Install guide 6030 ritetemp</p>  <p>ENGLISH</p>	<p>RiteTemp 6030 Thermostat Installation Guide</p> <p>Comprehensive installation guide for the RiteTemp 6030 digital thermostat, covering safety, wiring, mounting, and setup for various HVAC systems. Learn how to install your new thermostat for optimal performance.</p>
<p>Operation Guide 6025 ritetemp</p>  <p>ENGLISH</p>	<p>Ritetemp 6025 Thermostat Operation Guide</p> <p>Comprehensive operation guide for the Ritetemp 6025 thermostat, covering setup, programming, special features, and troubleshooting. Learn how to optimize your home's heating and cooling for energy efficiency.</p>
<p>Install guide 6022 ritetemp</p> <p>Caution</p>  <p>ENGLISH</p>	<p>Ritetemp 6022 Installation Guide</p> <p>Comprehensive installation guide for the Ritetemp 6022 thermostat, detailing safety precautions, wiring instructions for various HVAC systems, mounting procedures, battery installation, unit checks, power options, and calibration. Includes detailed textual descriptions of diagrams and references for wire and jumper configurations.</p>

