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› [White-Rodgers](#) /

› White Rodgers Emerson 1F95-1277 Touchscreen 7-Day Programmable Thermostat and F145-1328 Indoor Remote Sensor User Manual

White-Rodgers 1F95-1277, F145-1328

User Manual: White-Rodgers Emerson 1F95-1277 Thermostat & F145-1328 Remote Sensor

Brand: White-Rodgers | **Model:** 1F95-1277 Thermostat, F145-1328 Remote Sensor

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your White-Rodgers Emerson 1F95-1277 Touchscreen 7-Day Programmable Thermostat and the Emerson Thermostats F145-1328 Indoor Remote Sensor. The 1F95-1277 thermostat features a large 12-inch touchscreen display for easy setup and programming, allowing for a different schedule each day of the week. It is compatible with most furnaces, air conditioners, and heat pump systems, including dual fuel systems. The F145-1328 remote sensor extends temperature monitoring capabilities, providing accurate readings up to 300 feet from the thermostat. Please read this manual thoroughly before installation and operation to ensure proper functionality and safety.

SAFETY INFORMATION

- Always turn off power to the heating and cooling system at the main fuse or circuit breaker panel before installing or servicing the thermostat or remote sensor.
- Ensure all wiring connections are secure and comply with local electrical codes.
- Do not short (jumper) across the electrical terminals on the gas valve or at the system circuit board to test the system. This will damage the thermostat and void the warranty.
- Use only specified battery types (Alkaline) for the thermostat. Replace batteries annually or when the low battery indicator appears.
- Keep the thermostat and sensor away from direct sunlight, heat sources, and drafts, as these can affect temperature readings.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- White-Rodgers Emerson 1F95-1277 Touchscreen 7-Day Programmable Thermostat
- Emerson Thermostats F145-1328 Indoor Remote Sensor
- Mounting Hardware (screws, wall anchors)
- Installation Guide (this manual)

SETUP AND INSTALLATION

1. Thermostat Installation (1F95-1277)

1. **Power Off:** Turn off power to your heating and cooling system at the main fuse or circuit breaker panel.
2. **Remove Old Thermostat:** Carefully remove your old thermostat from the wall. Take a picture of the wiring connections before disconnecting any wires. Label each wire with the terminal designation it was connected to.
3. **Mount Thermostat Base:** Separate the new thermostat from its base. Position the base on the wall where the old thermostat was, ensuring it is level. Mark the mounting holes and drill pilot holes if necessary. Secure the base to the wall using the provided screws.
4. **Wire Connections:** Connect the labeled wires to the corresponding terminals on the new thermostat base. Refer to the wiring diagram provided with your specific HVAC system if unsure.
5. **Attach Thermostat:** Align the thermostat body with the mounted base and snap it into place.
6. **Install Batteries:** Open the battery compartment and insert 2 AA alkaline batteries, observing polarity.

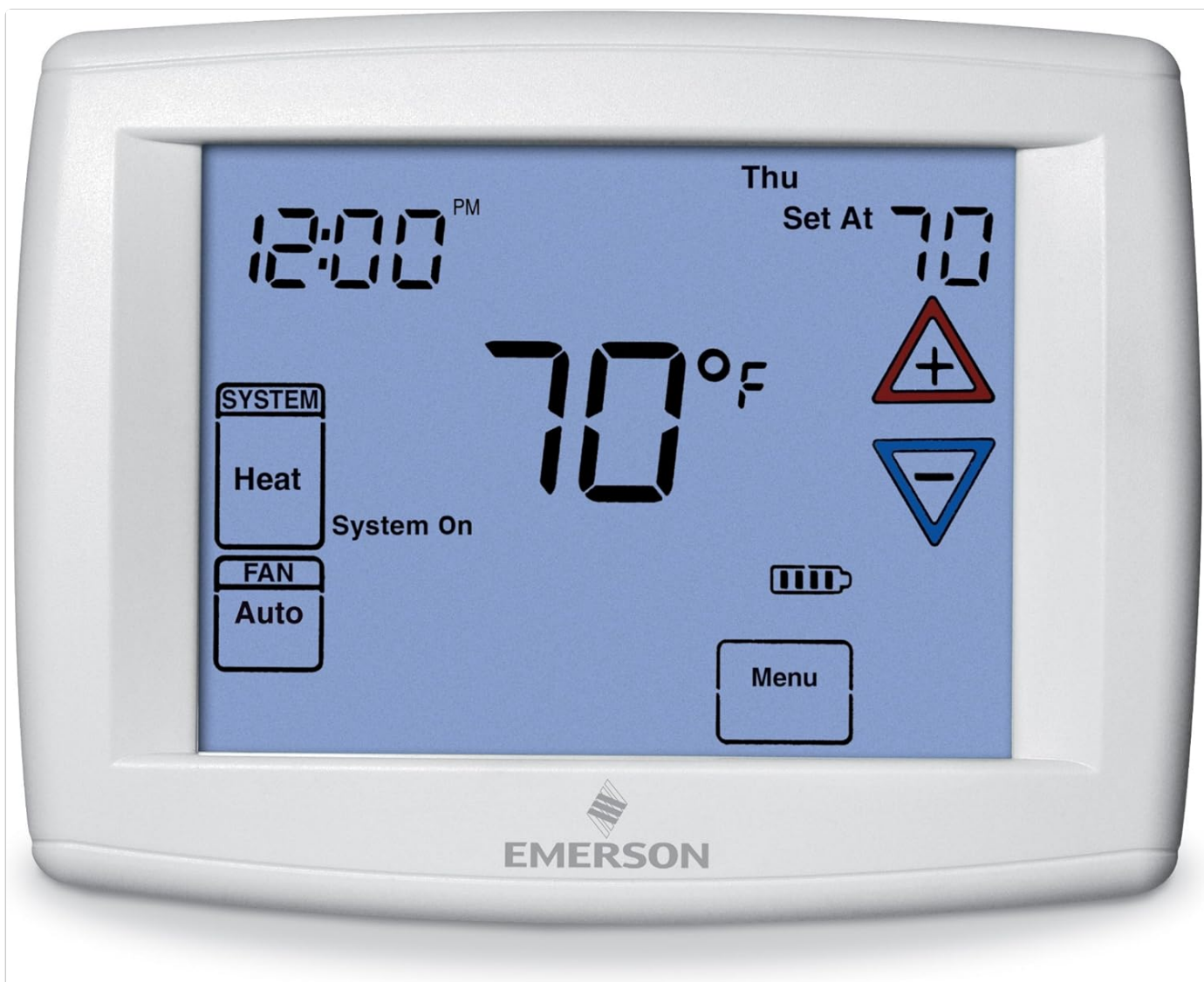


Figure 1: Front view of the 1F95-1277 Thermostat display. This image highlights the large, easy-to-read touchscreen interface with current time, temperature, and system status.



Figure 2: The 1F95-1277 Thermostat installed on a wall. This image demonstrates the thermostat's appearance in a typical home environment, blending with interior decor.

2. Remote Sensor Installation (F145-1328)

The F145-1328 is a wired indoor remote sensor designed to provide temperature readings from a location other than the thermostat itself. This is useful for averaging temperatures across a larger area or monitoring a specific zone.

1. **Choose Location:** Select a suitable location for the remote sensor. It should be placed on an interior wall, away from direct sunlight, drafts, heat sources, and areas with high humidity. The maximum recommended distance from the thermostat is 300 feet.
2. **Wiring:** Run a low-voltage thermostat wire (typically 18-gauge, 2-conductor) from the thermostat's remote sensor terminals (usually labeled "S1" and "S2" or similar) to the F145-1328 sensor. Ensure the wires are securely connected to the terminals on both the thermostat and the sensor.
3. **Mount Sensor:** Mount the F145-1328 sensor to the wall using the provided mounting hardware. Ensure it is

securely fastened.



Figure 3: The F145-1328 Indoor Remote Sensor. This image shows the compact design of the remote sensor, which is intended for

discreet wall mounting.

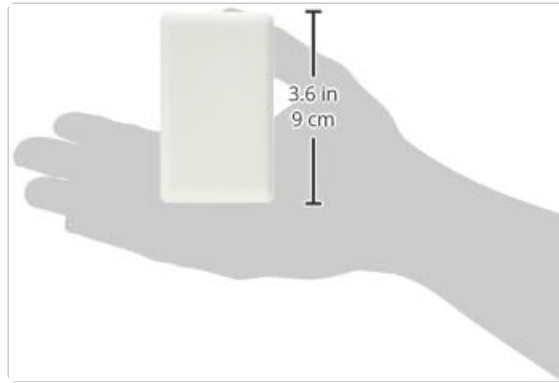


Figure 4: Size comparison of the F145-1328 Remote Sensor. This image provides a visual reference for the sensor's physical dimensions, indicating its compact size.

3. Power On and Initial Setup

Once installation is complete, restore power to your HVAC system. The thermostat will power on and guide you through the initial setup process, which typically includes:

- Setting the current time and day.
- Configuring system type (e.g., conventional, heat pump).
- Enabling or disabling the remote sensor.

OPERATING INSTRUCTIONS

Thermostat Display and Controls



Figure 5: Thermostat display showing humidity. This image illustrates the thermostat's ability to display additional environmental data, such as humidity levels, alongside temperature.

The 1F95-1277 thermostat features a large touchscreen display with intuitive controls. Key areas and functions include:

- **Current Time/Day:** Displays the current time and day of the week.
- **Current Temperature:** Shows the ambient temperature detected by the thermostat or the active remote sensor.
- **Set Temperature:** Indicates the desired temperature. Use the **Up** (▲) and **Down** (▼) arrows to adjust.
- **System Mode:** Tap "SYSTEM" to cycle through modes:
 - **Heat:** Activates heating when the temperature drops below the setpoint.
 - **Cool:** Activates cooling when the temperature rises above the setpoint.
 - **Auto:** Automatically switches between heating and cooling to maintain the set temperature range.
 - **Off:** Turns off the heating and cooling system.

- **Fan Mode:** Tap "FAN" to cycle through modes:
 - **Auto:** Fan runs only when heating or cooling system is active.
 - **On:** Fan runs continuously, regardless of heating/cooling activity.
- **Menu:** Accesses advanced settings, programming options, and system information.
- **Keypad Lockout:** This feature prevents unauthorized changes to settings. Consult the full manual for instructions on enabling/disabling keypad lockout.

Programming a 7-Day Schedule

The 1F95-1277 allows for a unique program for each day of the week, with up to four time periods per day (e.g., Wake, Leave, Return, Sleep). Follow the on-screen prompts after entering the "Menu" and selecting "Program" or "Schedule".

1. Press the **Menu** button.
2. Navigate to the **Program** or **Schedule** option.
3. Select the day of the week you wish to program.
4. Adjust the start time and desired temperature for each period (e.g., Wake, Leave, Return, Sleep).
5. Repeat for all desired days and periods.
6. Save your changes before exiting the programming menu.

Using the Remote Sensor (F145-1328)

If the F145-1328 remote sensor is enabled in the thermostat's settings, the thermostat will use its readings for temperature control. The thermostat display may indicate which sensor is currently active (internal or remote). This allows for more accurate temperature management in specific areas or for averaging temperatures across a larger space.

MAINTENANCE

- **Battery Replacement:** The thermostat is battery-powered. Replace the 2 AA alkaline batteries annually, or immediately when the low battery indicator appears on the display.
- **Cleaning:** Clean the thermostat and remote sensor surfaces with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Annual System Check:** It is recommended to have your HVAC system professionally inspected and maintained annually to ensure optimal performance and efficiency.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Thermostat display is blank.	No power; dead batteries.	Check circuit breaker. Replace batteries.
System not responding to thermostat settings.	Incorrect wiring; system mode set to "Off"; power issue with HVAC system.	Verify wiring connections. Ensure system mode is set to Heat, Cool, or Auto. Check HVAC system power.
Temperature reading seems inaccurate.	Thermostat/sensor exposed to direct sunlight, drafts, or heat sources.	Relocate thermostat/sensor if possible, or shield from environmental factors. Ensure remote sensor is enabled if desired.

Problem	Possible Cause	Solution
Programming not working.	Program not saved; hold function active; incorrect time/day setting.	Ensure program changes are saved. Check if "Hold" or "Temporary Hold" is active and cancel it. Verify current time and day.

If you continue to experience issues, please refer to the contact information in the Support section or consult a qualified HVAC technician.

SPECIFICATIONS

Feature	Detail
Brand	White-Rodgers
Thermostat Model	1F95-1277
Remote Sensor Model	F145-1328
Controller Type	Touchscreen, Wired
Special Feature	Programmable (7-Day)
Color	White (Thermostat), White (Sensor)
Specific Uses	Air Conditioner, Furnace, Heat Pump
Temperature Control Type	Digital
Connectivity Technology	Proprietary Wired
Power Source	Battery Powered (2 AA Alkaline)
Display Type	Touchscreen
Screen Size	12 Inches (diagonal, approximate)
Remote Sensor Max Distance	300 feet (wired)

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official White-Rodgers / Emerson website. You may also contact their customer service directly for assistance with troubleshooting or product inquiries.

Online Resources: [White-Rodgers Official Website](#)



