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VEVOR ET-7A

VEVOR ET-7A 7-Day Programmable Thermostat User Manual

Model: ET-7A

1. INTRODUCTION AND OVERVIEW

The VEVOR ET-7A is a 7-day programmable thermostat designed for precise temperature control in various heating systems, including radiant underfloor heating and heat pumps. It features a 3.5-inch TFT color touchscreen display, a sensitive temperature sensor, and an integrated Ground Fault Circuit Interrupter (GFCI) for enhanced safety. This thermostat allows for flexible temperature scheduling to optimize energy efficiency and maintain a comfortable indoor environment.



The VEVOR ET-7A thermostat provides convenient and precise temperature control.

2. SAFETY INFORMATION

WARNING: Electrical shock hazard. Installation must be performed by a qualified electrician in accordance with local electrical codes. Disconnect power at the circuit breaker before installation or servicing.

- Ensure the power supply is completely off before handling any wiring.
- This thermostat is designed for 120V/240V AC systems. Verify your system's voltage compatibility.
- The integrated GFCI provides protection against ground faults. Test the GFCI monthly as described in the maintenance section.

- Do not operate the thermostat with wet hands.
- Keep the thermostat away from water and excessive humidity.

Reliable GFCI Protection Device

A Strong Safeguard for Electrical Security



Monthly self-test ensures continuous secure operation



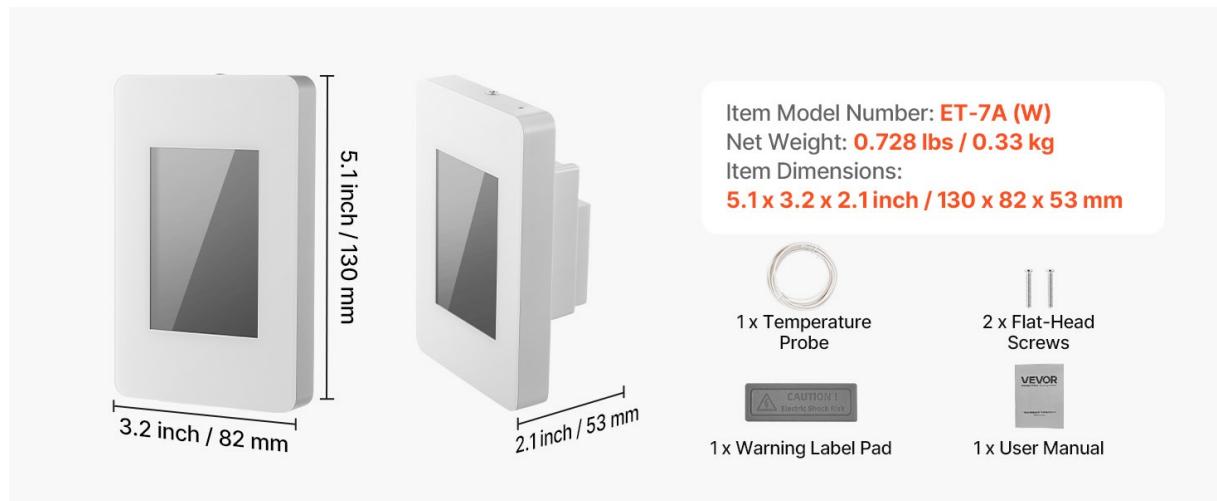
False trip and fault indicators help users quickly identify issues

The thermostat includes a reliable GFCI protection device for electrical safety.

3. PACKAGE CONTENTS

Verify that all items are present in the package before beginning installation:

- 1 x VEVOR ET-7A Programmable Thermostat (Main Unit)
- 1 x User Manual
- 1 x Temperature Probe (Floor Sensor)
- 2 x Mounting Screws
- 1 x Warning Label Pad



Included components with the VEVOR ET-7A thermostat.

4. SETUP AND INSTALLATION

This thermostat is designed for wall-mount installation and requires a wired connection to your heating system. Professional installation is recommended to ensure proper wiring and compliance with electrical codes.

4.1 Wiring Instructions

1. **Disconnect Power:** Turn off power to the heating system at the main circuit breaker before starting

any wiring.

2. **Mounting:** Securely mount the thermostat base to the wall using the provided mounting screws.
3. **Connect Wires:** Connect the power supply wires (120V/240V AC), heating load wires, and the temperature probe wires to the appropriate terminals on the thermostat. Refer to the wiring diagram provided in the full user manual for specific terminal connections. Ensure all connections are tight and secure.
4. **Install Temperature Probe:** If using for underfloor heating, install the temperature probe in the floor according to your heating system's instructions.
5. **Attach Thermostat:** Carefully attach the thermostat main unit to its base, ensuring no wires are pinched.
6. **Restore Power:** Once all connections are secure and the thermostat is properly mounted, restore power at the circuit breaker.



Follow the wiring instructions carefully to ensure correct installation.

4.2 System Compatibility

The VEVOR ET-7A thermostat is compatible with high/low voltage systems (120V/240V AC) and can be used with radiant underfloor heating, snow melting systems, and heat pumps. It utilizes floor and/or indoor sensors for accurate temperature control.



The thermostat is compatible with various heating systems, including underfloor heating.

5. OPERATING INSTRUCTIONS

The VEVOR ET-7A thermostat features a user-friendly 3.5-inch TFT color touchscreen for easy operation.

5.1 Power On/Off

Once installed and power is restored, the thermostat will power on automatically. There is no separate power button on the unit for daily operation.

5.2 Temperature Adjustment

On the main display, use the up and down arrows (▲ / ▼) to adjust the desired temperature setpoint. The current room temperature and setpoint will be displayed clearly.

7-Day Programming Support

Achieve Personalized Temperature Control Plans



Easy to set, simple steps



Can set different time periods simultaneously

The main display shows current temperature and allows for easy adjustment.

5.3 7-Day Programmable Scheduling

The thermostat supports 7-day programming, allowing you to set different temperature schedules for weekdays and weekends, or customize each day individually. This feature helps in energy saving by adjusting temperatures when you are away or asleep.

- Access the programming menu by touching the 'Mode' or 'Edit' button on the screen.
- Follow the on-screen prompts to set desired temperatures for different time periods (e.g., Wake, Day, Evening, Sleep) for each day of the week.
- Save your settings before exiting the programming menu.

Personalized Temperature Settings

No More Frequent Manual Adjustments

Plan for weekdays and weekends to boost energy efficiency
Detailed settings easily adapt to seasons and special needs

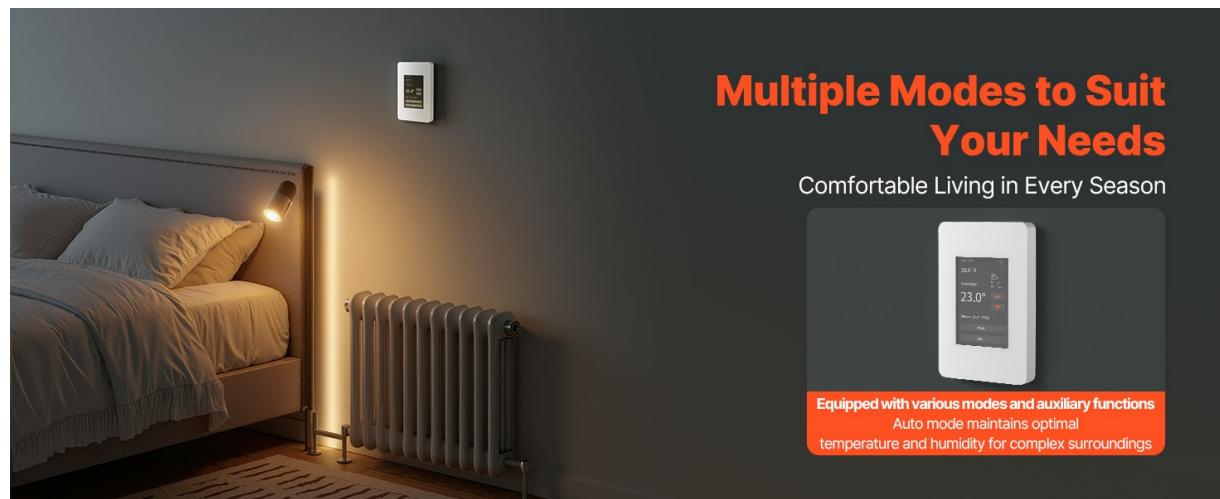
Period	1	2	3	4
Mon.-Fri. start time	5:00	7:00	17:00	22:00
Sat.-Sun. start time	5:00	9:00	17:00	22:00
Target temp	28°C(82°F)	24°C(75°F)	28°C(82°F)	24°C(75°F)



Customize your heating schedule with 7-day programming.

5.4 Mode Selection

The thermostat typically offers different operating modes, such as 'Auto Mode' for programmed schedules and 'Manual Mode' for continuous temperature setting. Use the 'Mode' button on the touchscreen to switch between available modes.



Select from multiple operating modes to suit your comfort needs.

5.5 Display Features

The 3.5-inch TFT color display provides comprehensive information at a glance, including:

- Current temperature and setpoint
- Operating mode (Auto, Manual)
- Date and time
- Heating/Cooling status (if applicable)
- GFCI status
- Weather/Humidity information (if sensor is connected)

The display is designed for clear readability, even in dim conditions, with an integrated backlight.



The 3.5-inch TFT color display offers comprehensive information and is easy to read.



The touchscreen provides sensitive response for various controls.

6. MAINTENANCE

6.1 Cleaning

To clean the thermostat, gently wipe the screen and casing with a soft, damp cloth. Do not use abrasive cleaners, solvents, or spray cleaners directly onto the unit, as this may damage the display or internal components.

6.2 GFCI Self-Test

It is recommended to perform a GFCI self-test monthly to ensure proper functioning of the ground fault protection. Refer to the full user manual for specific instructions on how to initiate the GFCI test on your ET-7A thermostat. Typically, this involves pressing a 'Test' button on the unit or through the touchscreen interface.

7. TROUBLESHOOTING

If you encounter issues with your VEVOR ET-7A thermostat, refer to the following common troubleshooting steps:

- **No Display/No Power:** Check the circuit breaker for the heating system. Ensure all wiring connections are secure.
- **Incorrect Temperature Reading:** Verify that the temperature probe is correctly installed and not damaged. Ensure the thermostat is not exposed to direct sunlight or drafts that could affect its internal sensor.
- **Heating System Not Responding:** Check the operating mode (ensure it's not in 'Off' or 'Manual' mode with a low setpoint). Verify wiring connections to the heating system.
- **GFCI Trip:** If the GFCI trips, it indicates a ground fault. Disconnect power, inspect the heating system and wiring for any damage or moisture, and consult a qualified electrician if the issue persists after resetting.
- **Programming Issues:** Ensure you have saved your programmed schedule. Review the programming steps in the operating instructions.

For more detailed troubleshooting or persistent issues, please consult the comprehensive user manual or contact VEVOR customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	VEVOR
Model Name	7-Day Programmable Thermostat
Model Number	ET-7A
Controller Type	Touchscreen
Special Feature	Programmable
Color	Gray-white
Temperature Control Type	Programmable
Connectivity Technology	Wired
Power Source	Corded Electric (120V/240V AC)
Item Weight	11.7 ounces (0.33 kg)
Display Type	LCD Touchscreen (3.5-inch TFT Color)
Control Method	Push Button, Touch
Mounting Type	Wall Mount
Item Dimensions (L x W x H)	5.1 x 3.2 x 2.1 inches (130 x 82 x 53 mm)
UPC	197988699453



Physical dimensions and key specifications of the VEVOR ET-7A thermostat.

9. WARRANTY AND SUPPORT

VEVOR products are designed for durability and performance. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official VEVOR website. If you require technical assistance, troubleshooting guidance, or have questions about your ET-7A thermostat, please contact VEVOR customer support through their official channels.

Online Support: Visit the VEVOR official website for FAQs, support resources, and contact information.

Contact Information: Refer to the contact details provided in your product packaging or on the VEVOR

website for direct assistance.