

Hunter 44760

Hunter 44760 Multi-Stage Heat Pump Thermostat User Manual

Comprehensive guide for installation, operation, and maintenance of your Hunter 44760 thermostat.

1. INTRODUCTION

Thank you for choosing the Hunter 44760 Multi-Stage Heat Pump Thermostat. This device is designed to provide efficient and precise control over your home's heating and cooling system. It is compatible with single and multi-stage heat pump systems, controlling one stage of cooling and two stages of heat.

Key features of your Hunter 44760 thermostat include:

- **Auto Season Changeover:** Automatically switches between heating and cooling modes.
- **INDIGLO Backlit Display:** Provides clear visibility in various lighting conditions.
- **Pre-Programmed Temperature & Vacation Overrides:** Allows temporary adjustments or extended holds.
- **Energy Monitor:** Tracks system usage time to help manage energy consumption.
- **Filter Change Indicator:** Reminds you when to replace your system's air filter.
- **Auto Recovery:** Helps maintain comfort while optimizing energy use.
- **Low Battery Warning:** Alerts you when batteries need replacement.
- **Battery Back-Up:** Retains settings during power outages (requires 2 AAA batteries, not included).

2. INSTALLATION

The Hunter 44760 thermostat is designed for easy do-it-yourself installation. Please follow these instructions carefully to ensure proper setup and operation.

2.1 Before You Begin

- **Turn off power** to your heating and cooling system at the main circuit breaker or fuse box before beginning installation.
- Ensure you have the necessary tools: screwdriver, wire stripper/cutter, and electrical tape.
- Confirm your system is compatible with a multi-stage heat pump thermostat.

2.2 Removing Your Old Thermostat and Wiring

1. Carefully remove the cover of your existing thermostat.

2. Before disconnecting any wires, **label each wire** with the corresponding terminal letter from your old thermostat. This is crucial for correct wiring of the new thermostat.
3. Disconnect the wires and remove the old thermostat's wall plate.



Image: Hunter 44760 Thermostat packaging illustrating key features and simplified installation steps. The top right corner shows a visual guide for removing the existing thermostat, labeling wires, installing the new wall plate, and attaching the cover.

2.3 Mounting the New Thermostat

4. Install the new wall plate provided with your Hunter 44760 thermostat. Secure it to the wall using the included screws.
5. Connect the labeled wires to the corresponding terminals on the new wall plate. Refer to the wiring diagram in the full manual for specific connections.
6. Insert 2 AAA batteries (not included) into the battery compartment.
7. Attach the thermostat cover to the wall plate, ensuring it clicks securely into place.
8. Restore power to your heating and cooling system at the circuit breaker.

3. OPERATION

This section details how to operate your Hunter 44760 thermostat, including basic controls and programming features.

3.1 Display Overview

The thermostat features an INDIGLO backlit display that shows the current temperature, set temperature, time, and system status. The display is designed for clear readability.



Image: Hunter 44760 Thermostat packaging showing the thermostat's front panel with its digital display (showing 10:09 and 73 degrees) and various control buttons below it.

3.2 Basic Controls

- **Temperature UP/DOWN Buttons:** Use these buttons to adjust the desired temperature setting.
- **Fan Switch:**
 - **AUTO:** The fan runs only when the heating or cooling system is operating.
 - **ON:** The fan runs continuously, regardless of whether the heating or cooling system is active.
- **System Switch:**
 - **HEAT:** The thermostat controls the heating system.
 - **COOL:** The thermostat controls the cooling system.
 - **OFF:** The heating and cooling systems are turned off.

3.3 Programming Features

The Hunter 44760 offers advanced programming options for energy efficiency and comfort.

- **Auto Season Changeover:** This feature automatically switches between heating and cooling modes as needed, eliminating the need for manual adjustment.
- **Home Today & Vacation Overrides:** Use these functions for temporary temperature adjustments or to set an extended hold for vacation periods.
- **Energy Monitor:** Access this feature to view the run time of your heating and cooling system, helping you understand and manage energy usage.
- **Filter Change Indicator:** A reminder will appear on the display when it's time to check or replace your system's air filter.

- **Auto Recovery:** This intelligent feature ensures your home reaches the desired temperature by the start of a programmed period, optimizing system operation.
- **Permanent and Vacation Hold:** These settings allow you to maintain a specific temperature indefinitely or for a set vacation duration, overriding the regular program.
- **Returns to Programmed Settings:** The thermostat can easily revert to your pre-programmed schedule.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your thermostat.

4.1 Battery Replacement

The thermostat requires two AAA batteries (not included) for operation and to maintain settings during power outages. A low battery warning will appear on the display when replacement is needed.

1. Gently pull the thermostat body away from the wall plate to access the battery compartment.
2. Remove the old batteries and insert two new AAA alkaline batteries, ensuring correct polarity (+/-).
3. Reattach the thermostat body to the wall plate.

4.2 Cleaning

Clean the thermostat's exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or internal components.

5. TROUBLESHOOTING

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

- **Thermostat Display is Blank:**
 - Check if the power to your HVAC system is on at the circuit breaker.
 - Replace the AAA batteries in the thermostat.
- **System Not Responding (No Heating/Cooling):**
 - Ensure the system switch is set to HEAT or COOL, not OFF.
 - Verify the fan switch is set to AUTO or ON.
 - Check if the set temperature is above (for heat) or below (for cool) the current room temperature.
 - Confirm all wiring connections are secure.
- **Incorrect Temperature Reading:**
 - Ensure the thermostat is not exposed to direct sunlight, drafts, or heat sources.
 - Allow time for the thermostat to acclimate to the room temperature after installation.
- **Filter Change Indicator Remains On:**
 - Replace your system's air filter.
 - Reset the filter change indicator through the thermostat's settings menu (refer to the full manual for specific steps).

6. SPECIFICATIONS

Below are the technical specifications for the Hunter 44760 Multi-Stage Heat Pump Thermostat.

Feature	Specification
Brand	Hunter
Model Number	44760
Voltage	24 Volts
Color	White
Special Features	Low Battery Indicator, INDIGLO Backlight, Energy Star Compliant
Product Dimensions	2 x 7 x 5 inches
Item Weight	1.1 pounds
Batteries Required	2 AAA batteries (not included)
Control Type	Button Control

7. WARRANTY INFORMATION

The Hunter 44760 Multi-Stage Heat Pump Thermostat comes with a **Limited One-Year Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For full details regarding warranty terms and conditions, refer to the documentation included with your product or contact Hunter Fan Company customer support.

8. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need further support regarding your Hunter 44760 thermostat, please contact the Hunter Fan Company customer service. Contact information can typically be found on the manufacturer's website or in the original product packaging.