



# Hunter 44110 Set And Save Programmable Thermostat Owner's Manual

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**Hunter 44110 Set And Save Programmable Thermostat**



## Product Information – Programmable Thermostat

### Specifications

- **Model:** 44110
- **Compatible Systems**
  - **Gas** – Standing Pilot
  - **Gas** – Electronic Ignition
  - **Gas** – Fired Boilers
  - **Gas** – Milivolt Systems
  - **Oil** – Fired Boilers
  - **Oil** – Fired Furnace
  - Electric Furnace
  - Electric Air Conditioning
- **Not Compatible with:** single-stage or multi-stage heat pumps or 110/220 V baseboard electric heating systems
- **Temperature Range:** (no specific range mentioned)
- **Compressor Protection:** Provides a 3.5 minute delay after shutting off the cooling system before it can be restarted
- **Battery Type:** Requires two 1.5 V (AA) size alkaline batteries

### Features

- Programmable thermostat for energy-saving and reliable temperature control
- LCD display shows Time, Day, Temperature, Program Number, and other feature information
- Low Battery Indicator flashes when batteries need to be replaced

## Installation

### What You Need

- Slotted Screwdriver(s)
- Small Philips screwdriver
- Hammer
- Electric drill and 3/16 bit
- Two 1.5 V (AA) size alkaline batteries

### Remove Old Thermostat

1. Turn off the power to the furnace at the main power panel or at the furnace
2. Remove existing thermostat cover and thermostat. Some thermostats may have screws or other locking devices that must be removed first
3. If wires are not visible, they may be connected to the back of the wallplate. Look for screws, tabs, or doors that open to expose wires and mounting screws

Thermostat Diagram

### Product Usage

- **Day / Time Key:** Used for entering the Clock setting mode. Use with the Up and Down keys to set the time and day.
- **Up and Down Keys:** Keys for changing the Temperature setting. Also used for increasing and decreasing selections.
- **Low Battery Indicator:** Flashes when batteries need to be replaced.

### FAQ

- **What systems is this thermostat compatible with?**

This thermostat is designed to work with gas systems (standing pilot, electronic ignition, fired boilers, milivolt systems), oil-fired boilers, oil-fired furnaces, electric furnaces, and electric air conditioning systems.

- **Can this thermostat control heat pumps or baseboard electric heating systems?**

No, this thermostat is not compatible with single-stage or multi-stage heat pumps or 110/220 V baseboard electric heating systems.

- **What is the temperature range of this thermostat?**

The temperature range is not specified in the user manual. Please refer to the product specifications for more details.

- **How does the compressor protection feature work?**

The thermostat provides a 3.5 minute delay after shutting off the cooling system before it can be restarted. This prevents damage to the compressor caused by rapid cycling. However, it does not prevent a rapid compressor restart due to short power outages.

- **What type of batteries does this thermostat require?**

This thermostat requires two 1.5 V (AA) size alkaline batteries.

**Programmable Thermostat  
Owners Manual  
Model 44110**

**Congratulations!**

Your new Hunter thermostat will provide years of reliable service. By saving energy, your thermostat will pay for itself during its first season of use. Thank you for buying a Hunter product!

Please read this manual for complete instructions on installing and operating your thermostat. If you require further assistance, call Hunter Technical Support at 1-888-830-1326 from 8am to 5pm Central Time.

Before starting, remove the mylar label from the LCD display.

**IMPORTANT INFORMATION**

**1. This thermostat is designed to work on the following systems**

**Gas** – Standing Pilot

**Gas** – Electronic Ignition Gas – Fired Boilers

**Gas** – Milivolt Systems Oil – Fired Boilers

**Oil** – Fired Furnace

Electric Furnace

Electric Air Conditioning

This thermostat will NOT control single-stage or multi-stage heat pumps or 110/220 V baseboard electric heating systems.

**2. Temperature Range**

This thermostat can be programmed between 45°F and 95°F (7°C and 35°C). It will display room temperatures from 30°F to 99°F (0°C and 37°C). “HI” will be displayed if the temperature is higher than 99°F (37°C), and “LO” will be displayed if the temperature is lower than 30°F (0°C).

This thermostat will automatically cut-off in Heat mode if the temperature rises above 95°F (35°C), and automatically cut-off in Cool mode if the temperature drops below 40°F (4°C).

**3. Compressor Protection**

This thermostat provides a 3.5 minute delay after shutting off the cooling system before it can be restarted. This feature will prevent damage to your compressor caused by rapid cycling. It does not prevent a rapid compressor restart due to short power outages.

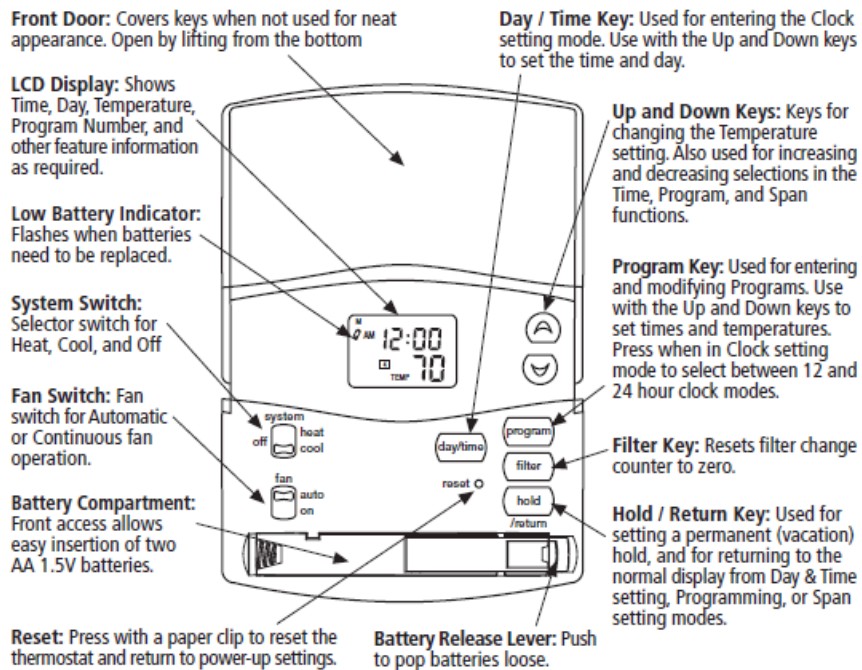
**4. Battery Warning**

Two fresh AA alkaline batteries should provide well over one year of service. However, when the batteries become drained, the Low Battery Indicator will flash on the display. When this message occurs, install new alkaline batteries. You have approximately 1 minute to change the batteries and keep thermostat's clock and program settings. Once the batteries have become too low to ensure proper operation, your system will be turned Off, and the display will be cleared except for flashing Low Battery Indicator on the LCD display.

**CAUTION:** When only the battery icon flashes on the display, the thermostat is shut down, and your system will no longer operate. In this condition, there is no temperature control of your dwelling.

**NOTE:** If you plan to be away from the premises over 30 days, we recommend that you replace the old batteries with new alkaline batteries prior to leaving.

**FEATURES**



## ENERGY STAR® PARTNER

As an ENERGY STAR® Partner, Hunter Fan Co. has determined that this programmable thermostat meets the ENERGY STAR® guidelines for energy efficiency.



## INSTALLATION

### What You Need

This thermostat includes two #8 slotted screws and two wall anchors for mounting. To install your thermostat, you should have the following tools and materials.

- Slotted Screwdriver(s)
- Small Philips screwdriver
- Hammer
- Electric drill and 3/16" bit
- Two 1.5 V (AA) size alkaline batteries

### Remove Old Thermostat

**CAUTION:** Do not remove any wiring from existing thermostat before reading the instructions carefully. Wires must be labeled prior to removal.

- **IMPORTANT!** Turn off the power to the furnace at the main power panel or at the furnace.
- Remove existing thermostat cover and thermostat. See Figure 1. Some thermostats will have screws or other locking devices that must first be removed. Once the wall mounting plate is exposed, look for wires. If wires are not visible, they may be connected to the back of the wallplate. Again, look for screws, tabs, etc. Some models have doors that open to expose wires and mounting screws. See Figure 1.

## Typical Home Thermostats

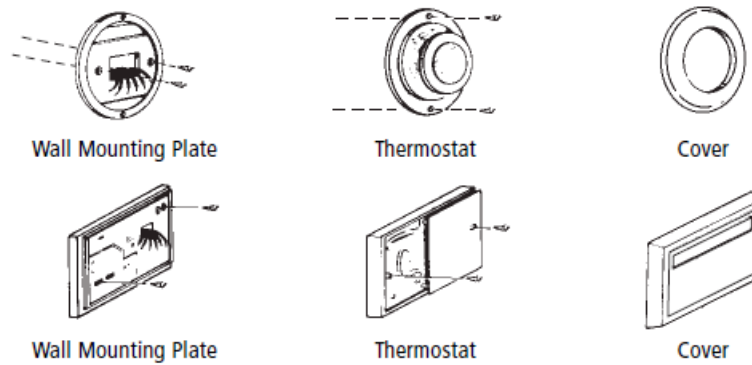
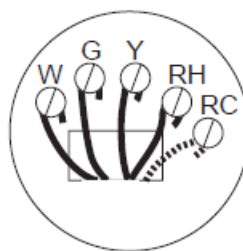



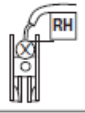

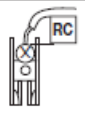

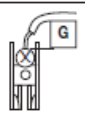

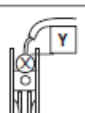


Figure 1

## Wire Labeling

- Each wire coming from the wall to the existing thermostat is connected to a terminal point on that thermostat. Each of these terminal points is usually marked with a code letter as shown in Table A below.
- The number of wires in your system can be as few as two (for heat only systems), as many as eight, or any number in between. If you follow the labeling procedures correctly, you do not have to be concerned about how many wires there are.
- There is often no terminal marking on the existing thermostat of two wire, heat only systems. Just connect either of the wires to the RH terminal, then connect the other wire to the W terminal to complete the circuit.
- **IMPORTANT! BEFORE DISCONNECTING ANY WIRES, APPLY THE SELF-ADHESIVE LABELS PROVIDED TO THE WIRE AS SHOWN IN TABLE A BELOW.** (For example, attach the label marked W to the wire that goes to the W or H terminal on your existing thermostat.) **IGNORE THE COLOR OF THE WIRES** since these do not always comply with the standard.



- After labeling wires, disconnect them from the existing thermostat terminals.
- Remove existing wallplate. To make sure wires do not fall back into wall opening, you may want to tape them to the wall.
- If hole in wall is larger than necessary for wires, seal this hole with insulating material so that no hot or cold air can enter the back of the thermostat from the wall. This air could cause a false thermostat reading.

If the code letter on your existing thermostat is	then mark the wire with label shown	and connect to thermostat terminal shown
RH, R, VR or 4 24 Volt		
RC, VC 24 Volt Cool		
G or F Fan		
Y, C or M Air Conditioning Compressor		
W or H Heating		

**Table A**

**NOTE:** Do not connect a “Common” wire (sometimes labeled “C”) to any terminal on this thermostat. Tape up the wire and do not use. This wire provides electricity to non-battery powered thermostats.

### Mount Wallplate and Thermostat

- Remove the wallplate from your thermostat by pressing the release tab on the bottom of the thermostat. See Figure 2.
- Position wallplate on wall and pull existing wires through large opening. Then level for appearance. Mark holes for plastic anchors provided, if your existing holes do not line up with those on the Hunter wallplate.
- Drill holes with 3/16” bit and gently tap anchors into the holes until flush with wall.
- Reposition wallplate to wall, pulling wires through large opening. Insert mounting screws provided into wall anchor and tighten. See Figure 3.

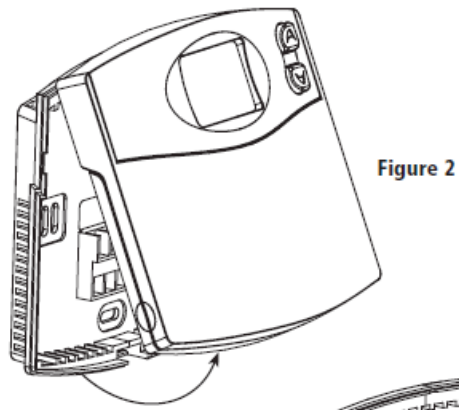


Figure 2

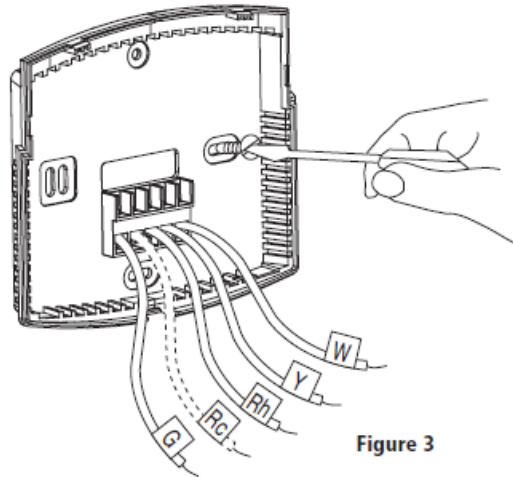


Figure 3

**NOTE: 5-wire Systems**

If your thermostat has one wire marked R or RH (2, 3, or 4-wire system), then leave the jumper wire between the RH and RC terminals on the wallplate. Otherwise, if you have separate RH and RC wires (5-wire system), then remove the jumper wire between the RH and RC terminals.

**Connect Wires and Mount Thermostat to Wallplate**

- Match and connect the labeled wires to the appropriate coded terminal screws on the wallplate. (See Figure 4, 5.) Ignore any wires which may be present, but which were not connected to the old thermostat.
- Refer to the Wiring Diagrams below to be sure your system is wired correctly.
- Be sure to tighten the terminal screws securely, otherwise a loose wire could cause operational problems with your system or thermostat.
- Push excess wire back into the hole to prevent interference when installing the thermostat to the wallplate.
- Make sure the System Switch is set to OFF, and the Fan Switch is set to AUTO.
- Insert the bottom tab on the thermostat body into the slot at the bottom of the wallplate. Press the top of the thermostat body to snap it into the wallplate. Refer to Figure 6. (NOTE: Do not force the thermostat onto the wallplate, as the terminal pins may be damaged. If it does not snap properly, the thermostat may not work.)
- Insert the two AA size alkaline batteries, observing the polarity marked inside the battery compartment.
- Switch on the main power at the panel or furnace.



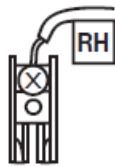


Figure 4

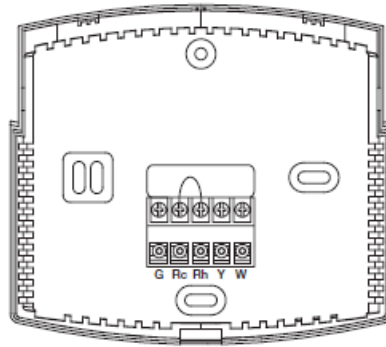


Figure 5

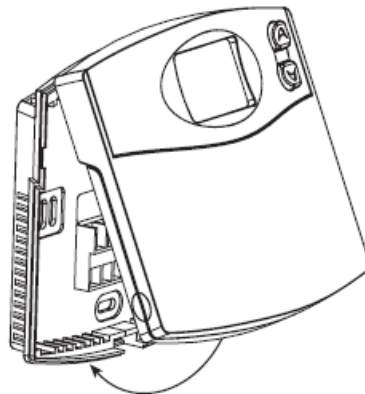
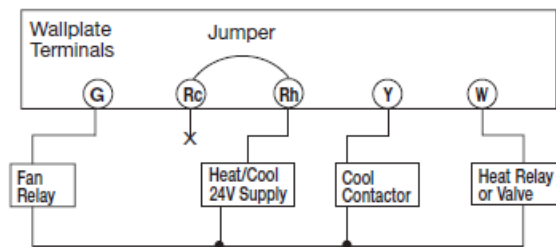


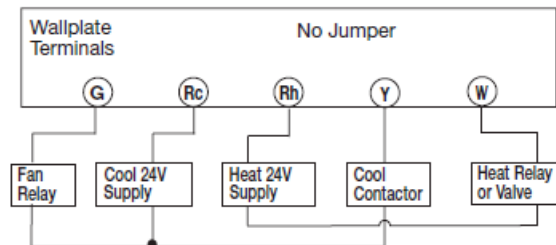
Figure 6

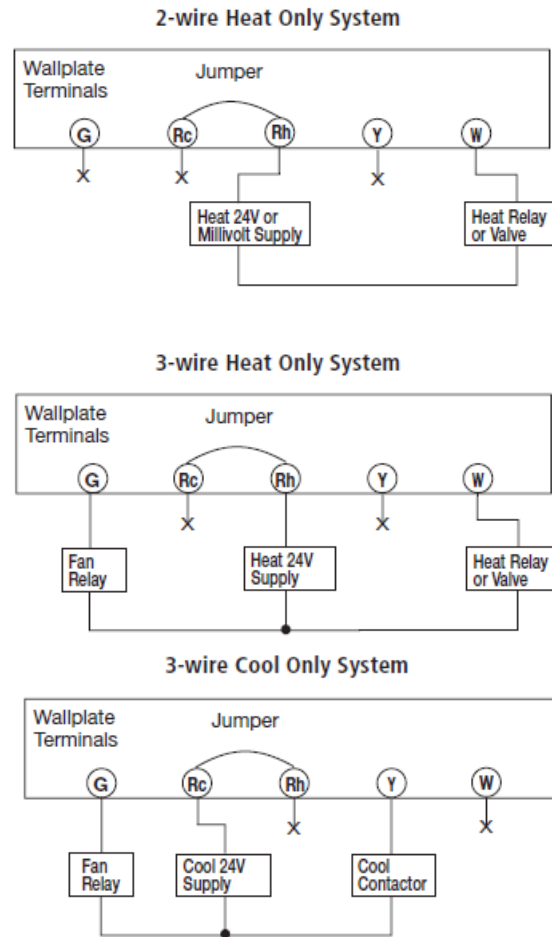
## Wiring Diagrams

### 4-wire Heat/Cool System



### 5-wire Heat/Cool System





**X – No Connection**

### Selector Switches

In order for this thermostat to control your system, the system type must be specified by the selector switches on the printed circuit board inside the thermostat.

- **Heating System Selector (HG – HE switch)**

The factory position for this switch is in the “HG” position. Leave it in this position if you have a gas furnace or an oil burner. If you have an electric furnace, test to see whether the Heat and Fan come on as expected after installation. If the Fan operation is normal, leave it in the “HG” position. If the Fan does not come on within a minute of the thermostat calling for heat, change the switch position to “HE”. The system selector has no effect in the cooling mode. **NOTE:** “HG” position is for gas and most other systems. “HE” position is for certain electric systems having a fan relay.

- **Auto Recovery selector (DISABLE/ENABLE)**

Your thermostat is set from the factory with the Auto Recovery Feature enabled, which complies with the EPA ENERGY STAR® Program. If you prefer to use normal recovery, slide the switch to the DISABLE position.

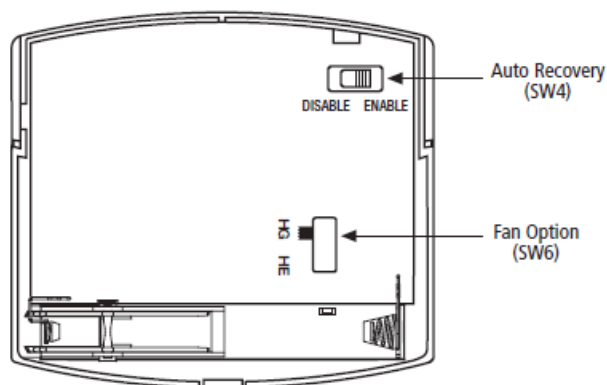


Figure 7

## F° / C° Selection (Fahrenheit / Celcius)

Your thermostat is set for F° mode from the factory. To change to C° mode, follow these steps

- Press and hold the Up key.
- Use a paper clip to press the reset key.
- Once all the LCD segments turn on, release the Up key.

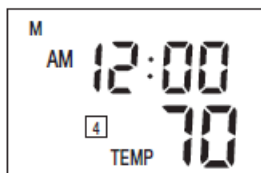
**NOTE:** To return to F° mode, press the reset key with a paper clip. Do not press any other keys during the reset process.

All programs and settings will be lost when pressing RESET.


## OPERATION


### Setting Day and Time

- The LCD will show this information when batteries are first installed, or after the Reset button is pressed. The temperature will update after a few seconds.
- During time and day setting mode, the temperature and program displays will go blank.
- Example: Set the Thermostat to the current time of 2:16 pm on Saturday. Refer to the Steps below.



### STEP 1



-  Press to enter time and day setting mode. The current hour and the AM / PM indicator will be flashing.

-  Press to change the Hour up or down to the current hour.

Note the AM / PM indicator, as the display will change at 12 AM and 12 PM.





## STEP 2

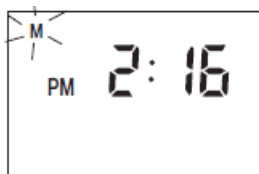
-  Press again to change from hour setting to minute setting. The current minute will be flashing.
-  Press to change the Minute up or down to the current minute.



## Setting Day and Time (Continued)

## STEP 3

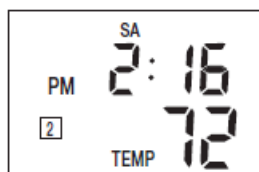
-  Press again to change from minute setting to day setting. The current day will be flashing.
-  Press to change the Day up or down to the current day.

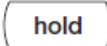
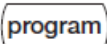


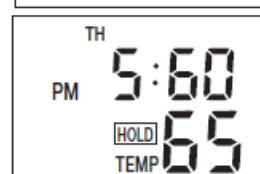
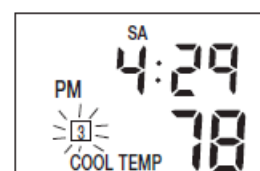
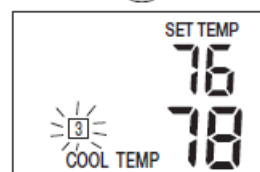
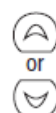
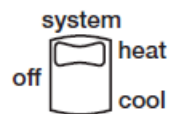
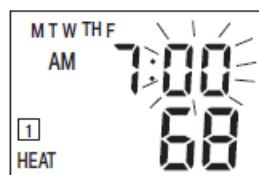
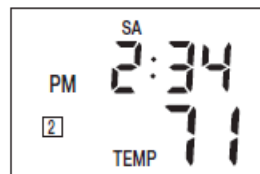
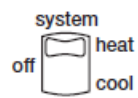
## STEP 4

  
 or  
  
 /return

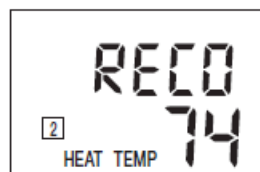
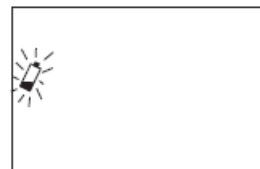
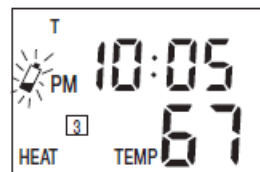
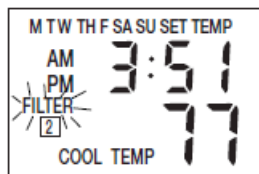
Press again to change back to the normal display.




  
 /return  




filter



## Documents / Resources

 <p>Owner's Manual</p>	<p><a href="#">Hunter 44110 Set And Save Programmable Thermostat</a> [pdf] Owner's Manual</p> <p>44110 Set And Save Programmable Thermostat, 44110, Set And Save Programmable Thermostat, Save Programmable Thermostat, Programmable Thermostat, Thermostat</p>
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## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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