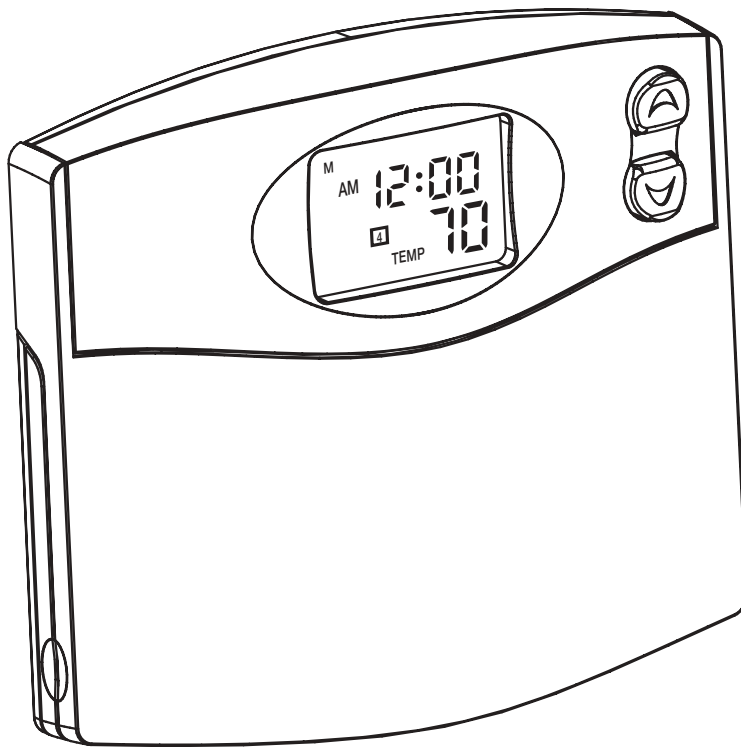




Set & Save





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.

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

- | | |
|---------------------------|--|
| Gas - Standing Pilot | Electric Furnace |
| Gas - Electronic Ignition | Electric Air Conditioning |
| Gas - Fired Boilers | |
| Gas - Millivolt Systems | This thermostat will NOT control single-stage or multi-stage heat pumps or 110/220 V baseboard electric heating systems. |
| Oil - Fired Boilers | |
| Oil - Fired Furnace | |

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

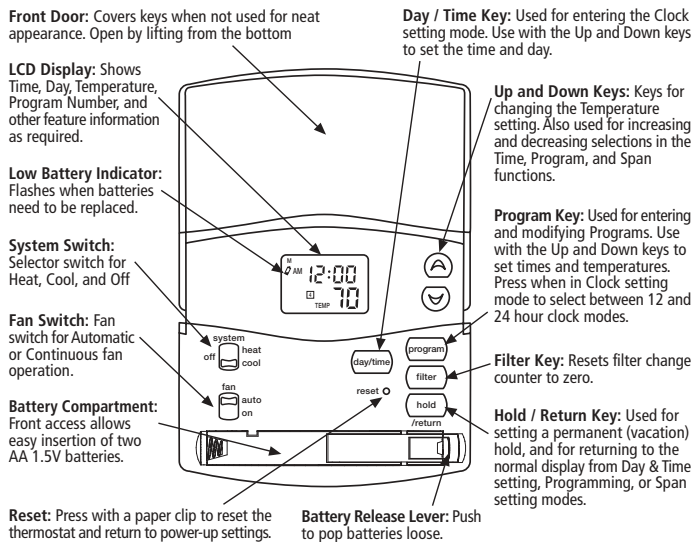
This thermostat provides a 3.5 minute delay after shutting off the cooling system before it can be restarted. This feature will prevent damage to your compressor caused by rapid cycling. It does not prevent a rapid compressor restart due to short power outages.

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.



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



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.

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

Typical Home Thermostats

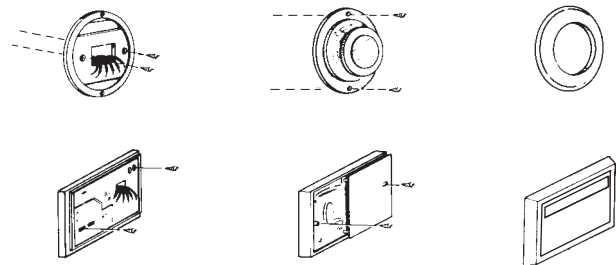
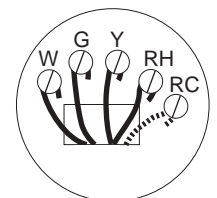
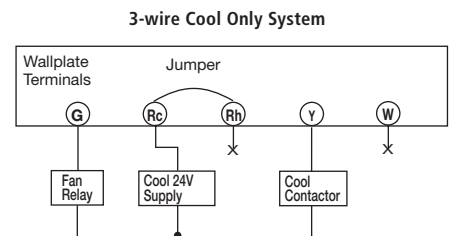
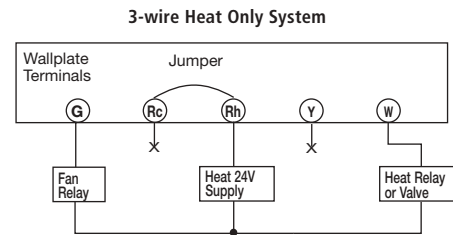
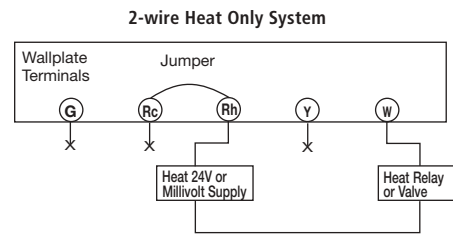
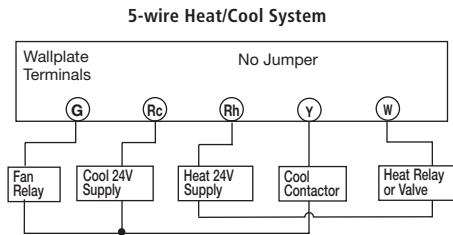
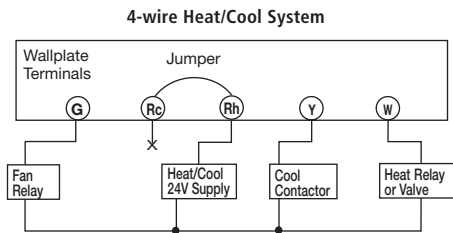


Figure 1





X - No Connection

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.

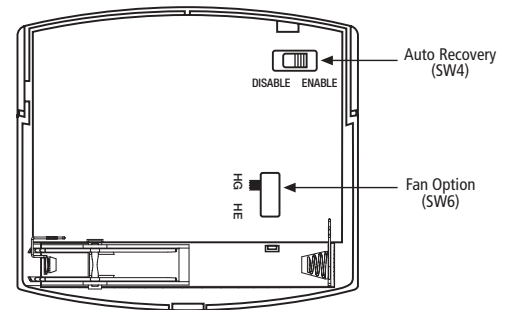


Figure 7

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

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.

Setting Day and Time



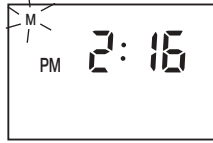
day/time





Setting Day and Time (Continued)

day/time

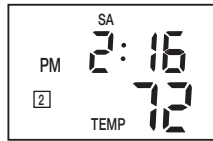


day/time

or

hold

/return



NOTE: You may press **hold** /return at any time during Day and Time setting to return to the normal display.

Your thermostat is set from the factory in normal 12 (AM / PM) time format. To change to 24 hour (military) time, press **program** at any time while the Hour, Minute, or Day is flashing to toggle between the 12 hour and 24 hour formats. The AM / PM indicator will not be displayed in 24 hour mode. Both the current time and all programs will automatically change to the selected format.

The following time and temperature settings are pre-programmed into the thermostat:

1	6:00 am	68°F (20°C)	78°F (26°C)
2	8:00 am	60°F (16°C)	85°F (29°C)
3	4:00 pm	68°F (20°C)	78°F (26°C)
4	10:00 pm	60°F (16°C)	82°F (28°C)

Heating

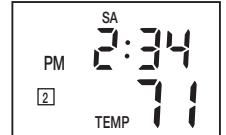
Monday – Friday	Time Temp	Time Temp	Time Temp	Time Temp
Saturday – Sunday	Time Temp	Time Temp	Time Temp	Time Temp

Cooling

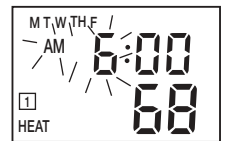
Monday – Friday	Time Temp	Time Temp	Time Temp	Time Temp
Saturday – Sunday	Time Temp	Time Temp	Time Temp	Time Temp

- NOTE: 1) The program time can be set in 10-minute increments.
 2) The program temperature can be set in increments of 1°F (1°C).
 3) After 15 seconds without a key press, the thermostat will return to normal display mode.
 4) When setting the program time, note the AM / PM indicator.

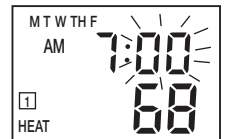
system
off heat cool



program



program



program



program

program

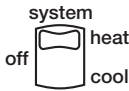
hold /return

To review your program settings, press **program** repeatedly to cycle through the programs. You can also make changes at any time.



The System Selector switch on the front of the thermostat determines the operating mode of the thermostat. You may select COOL, OFF, HEAT.

NOTE: Anytime you install or remove the thermostat from the wallplate, slide the System Selector to the OFF position to prevent the possibility of a rapid system On-Off.

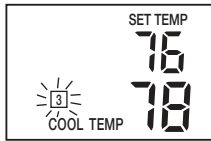


The Fan switch should normally be located in the AUTO position. The Fan will be turned on along with normal operation of your system. In a normal gas or oil furnace, the Fan will be turned on by your furnace after its warm-up delay. For electric heat, air conditioning, and heat pump operation, the Fan will turn on with the system.

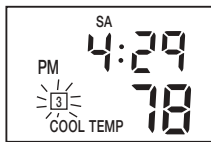


To run the Fan on continuously, slide the Fan switch to the ON position.

To temporarily change the current set temperature without affecting your program:



hold
/return

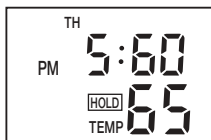


To end the Temporary Manual Override:

hold
/return

To hold your Manual Override for vacation or just an extended period of time:

hold
/return

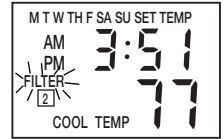


hold
/return

To end the Permanent Manual Override:

hold
/return

Your thermostat measures the number of hours your heating and cooling system has been in use. To maximize your system's performance and energy efficiency, change or clean your filter regularly.



filter

Note: Pressing the Filter Key at any time for less than 3 seconds will cause the Filter indicator to appear on the LCD. This is only to confirm key operation, and the timer is not affected unless the key is held for greater than 3 seconds.

Your thermostat is set at the factory to cycle at 1°F (0.5°C) above and below the set temperature. (Span = 2) This setting has been designed to provide a comfortable room temperature under most all conditions. However, if you find your system cycling too fast or too slow, then the Span can be adjusted to modify the cycle time.

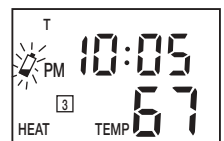


The Span settings remain the same for both HEAT and COOL.

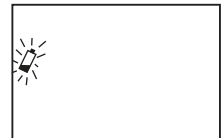
The Span can be changed at any time, and is independent of program times or temperatures.

When batteries are installed in the thermostat, or the Reset key is pressed, the Span is reset back to setting 2.

Your thermostat has a two-stage low battery warning system. When the batteries are first detected to be weak, the first stage low battery warning is indicated by battery symbol flashing on the LCD display. At your earliest convenience, you need to replace the batteries with 2 new AA alkaline batteries.



When the batteries become too weak for normal operation, the thermostat enters the second stage low battery warning which shuts down the thermostat. In this condition, "BATT" flashes alone on the display, and the thermostat will turn your system Off. Your system will remain shut-off until the batteries are replaced.

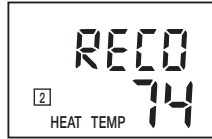


Note: The thermostat will still keep the current time and your programs in memory until new batteries are installed. After confirming that new batteries have been inserted, the thermostat will return to normal operation.

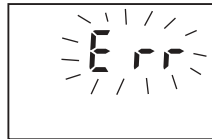


Hunter's Auto Recovery feature meets the ENERGY STAR® guidelines for energy efficiency by allowing the heating or cooling system to recover gradually from an energy-saving setpoint temperature to a comfort setpoint temperature.

Auto Recovery calculates how early to turn your system back On, so that the room temperature is already comfortable by the start of the comfort temperature program period. Auto Recovery works in both Heat and Cool modes.



If the thermostat is unable to control your system due to an unexpected battery problem, the thermostat will enter Error Mode. In this condition, the thermostat flashes "Err" on the LCD display, and shuts off your system. To correct this problem, replace the batteries with 2 new AA alkaline batteries, even if you have recently replaced them. Next, use a paper clip to press the RESET button next to the keypad. You will need to reprogram your thermostat and confirm normal operation.



If Error Mode returns, please call Hunter Technical support at 1-888-830-1326 for further information.

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

Note that if your system has malfunctioned and no longer responds to thermostat controls, the Auto Cut-Off will have no effect.

Problem	Solution
No Display	<ol style="list-style-type: none"> 1. Check battery connections and batteries. 2. Press RESET button with a small pin and hold in for two seconds.
Entire Display Dims	<ol style="list-style-type: none"> 1. Replace Batteries
Program Does Not Change at your Desired Setting	<ol style="list-style-type: none"> 1. Check that the time is set properly to "AM" or "PM". 2. Check that the thermostat is not in Permanent HOLD mode. 3. Check for the correct day setting.
Auto Fan Does Not Turn On Properly	<ol style="list-style-type: none"> 1. Move HG/HE selector to correct position.
Heating or Cooling Does Not Go On or Off	<ol style="list-style-type: none"> 1. Check that the function switch is in the correct position ("HEAT" or "COOL"). 2. There may be as much as 4-minute delay before the system turns On - wait and check. (Compressor protection delay.) 3. Check your circuit breakers and switches to ensure there is power to the system. 4. Replace batteries. 5. Make sure your furnace blower door is closed properly. 6. If your system only uses 4-wires, be sure the jumper wire is installed between the RC and RH terminals.
Erratic Display	<ol style="list-style-type: none"> 1. Press the reset button once with a small pin and hold for two seconds. Then reprogram.
If unit continues to operate in the Off position	<ol style="list-style-type: none"> 1. Replace unit.
Thermostat permanently reads "HI", "LO", or "ERR"	<ol style="list-style-type: none"> 1. Replace unit.

If you experience any other problems, call 1-888-830-1326 from 8 AM to 5 PM Central Time for technical assistance.

