

PTACSTAT-NP-HC,
PTACSTAT-NP-HP



Installation Instructions Operating Manual



A07050

Non-Programmable Thermostat


NOTE: Read the entire instruction manual before starting the installation.

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SAFETY CONSIDERATIONS

Read and follow manufacturer instructions carefully. Follow all local electrical codes during installation. All wiring must conform to local and national electrical codes. Improper wiring or installation may damage thermostat.

Recognize safety information. This is the safety-alert symbol . When you see this symbol on the equipment and in the instruction manual, be alert to the potential for personal injury.

Understand the signal words **DANGER**, **WARNING**, and **CAUTION**. These words are used with the safety-alert symbol. **DANGER** identifies the most serious hazards which will result in severe personal injury or death. **WARNING**

signifies a hazard which could result in personal injury or death. **CAUTION** is used to identify unsafe practices which may result in minor personal injury or product and property damage. **NOTE** is used to highlight suggestions which will result in enhanced installation, reliability, or operation.

INTRODUCTION

Carrier's PTAC Comfort™ Series non-programmable thermostat is a wall-mounted, low-voltage thermostat which maintains room temperature by controlling the operation of a heating and/or air conditioning system. Both heat pump and air conditioner models are available. A variety of features are provided including battery operation, memory in case of power interruption, separate heating and cooling setpoints, backlighting, and built-in installer test.

This Installation Instruction guide and owners manual covers installation, configuration, start up and operation of the PTAC specific Comfort Series line of thermostats.

INSTALLATION CONSIDERATIONS

Models

There are two models for the PTAC Comfort Series non-programmable thermostat, AC and HP versions. The model PTACSTAT-NP-HC-x is designed for AC systems, controlling one stage of cooling and one stage of heating. It will not operate a heat pump. Model PTACSTAT-NP-HP-x is designed for HP systems, controlling one stage of cooling and two stages of heating. The HP thermostat model can be converted to an AC unit. Select the appropriate model for the intended application.

Power

All Comfort Series models are dual powered. They can operate from batteries (optional) or 24VAC power. Operation from 24VAC is preferred, if available.

Batteries

Battery operation is available for installations where there is no common (C) wire available at the thermostat. For battery operation, install two alkaline AA batteries. The thermostat is designed to operate up to one year on a set of batteries. A battery indicator on the display warns when battery replacement is needed. If batteries are installed and the thermostat is operated from 24VAC power, battery operation will occur only when 24VAC power is not present. The changeover between 24VAC power and battery power is automatic.

For HeatCool system, 5 wires are needed for 24VAC operation and 4 wires are required for battery operation.

For HP system, 6 wires are needed for 24VAC operation and 5 wires for battery operation.

When battery operation is used, the C terminal does not need to be connected.

NOTE: Batteries are not required when there are enough wires for proper operation.

INSTALLATION

Mounting to a horizontal junction box.

For those installations requiring it, mounting hole locations for the non-programmable are spaced to fit a horizontal junction box.


Step 1 — Thermostat Location

- Approximately 5 ft (1.5m) from floor.
- Close to or in a frequently used room, preferably on an inside partitioning wall.
- On a section of wall without pipes or duct work.

Thermostat should NOT be mounted

- Close to a window, on an outside wall, or next to a door leading to the outside.
- Exposed to direct light or heat from the sun, a lamp, fireplace, or other temperature-radiating objects which could cause a false reading.
- Close to or in direct airflow from the unit.
- In areas with poor air circulation, such as behind a door or in an alcove.

Step 2 — Install Thermostat

 WARNING
ELECTRICAL OPERATION HAZARD
Failure to follow this warning could result in personal injury or death.
Before installing thermostat, turn off all power to equipment. There may be more than 1 power disconnect. Lock out and tag switch with a suitable warning label.

1. Turn OFF all power to unit.
2. If an existing thermostat is being replaced:
 - a. Remove existing thermostat from wall.
 - b. Disconnect wires from existing thermostat, 1 at a time. Be careful not to allow wires to fall back into the wall.
 - c. As each wire is disconnected, record wire color and terminal marking.
 - d. Discard or recycle old thermostat.



CAUTION

ENVIRONMENTAL HAZARD

Failure to follow this caution may result in environmental damage.

Mercury is a hazardous waste. Federal regulations require that Mercury be disposed of properly.

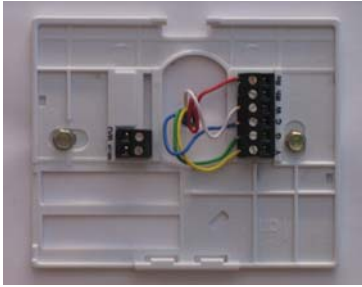
3. Open thermostat (mounting base) to expose mounting holes. The base can be removed to simplify mounting. Press the thumb release at the top of the thermostat and snap apart carefully to separate mounting base from remainder of thermostat.
4. Route thermostat wires through large hole in mounting base. Level mounting base against wall (for aesthetic value only—thermostat need not be level for proper operation) and mark wall through 2 mounting holes. See Fig. 1.



Fig. 1 - Backplate Mounting

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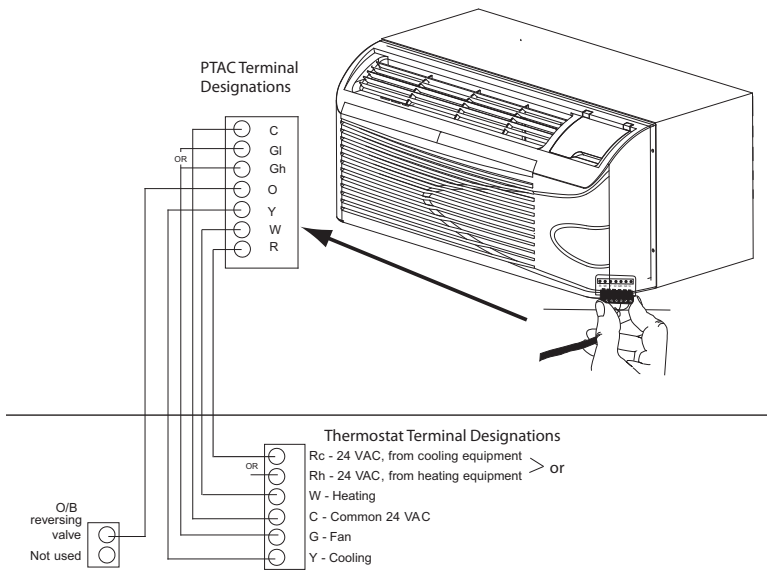
5. Drill two 3/16-in. mounting holes in wall where marked.
6. Secure mounting base to wall with 2 anchors and screws provided (additional anchoring holes available for more secure mounting, if needed) making sure all wires extend through hole in mounting base.
7. Adjust length and routing of each wire to reach proper terminal and connector block on mounting base with 1/4 in. of extra wire. Strip only 1/4 in. of insulation from each wire to prevent adjacent wires from shorting together when connected. See Fig. 2.



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Fig. 2 - Secure Wires to Terminal Strip

8. Match and connect wires from the PTAC unit to proper terminals on the thermostat connector blocks (see Fig. 3). Do not remove factory-installed jumper wire from Rc and Rh terminals. The R wire from the PTAC can be connected to either position.



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Fig. 3 - Terminal Designations



CAUTION

ELECTRICAL OPERATION HAZARD

Failure to follow this caution may result in equipment damage or improper operation.

Improper wiring or installation may damage the thermostat. Check to make sure wiring is correct before proceeding with installation or turning on unit.

9. Push any excess wire into wall and against mounting base. Seal hole in wall to prevent air leaks. Leaks can affect operation.
10. Snap case back together. Attach thermostat to backplate by inserting tab on bottom edge and hinging up until top snap secures. See Fig. 4.



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Fig. 4 - Attach Comfort Series Programmable Thermostat

11. Close thermostat assembly making sure pins on back of circuit board align with sockets in connector.
12. Turn ON power to unit.

When power is applied, all display icons are lit for 2 seconds to test the display. Following this, the equipment type for which the thermostat is configured is displayed for an additional 2 seconds. It will be one of PH or PC (if HP, AC, H or C is displayed, the thermostat is configured incorrectly to operate a PTAC). See explanation under Step 3, Option 01 below. A heat pump thermostat, configured to operate a HeatCool unit (see Option 1 below), will display PC. A HeatCool thermostat cannot be configured to operate a HeatPump unit.

NOTE: If a common wire has not been connected, two AA batteries must be used to power the thermostat.

Step 3 — Set Thermostat Configuration

Configuration options enable the installer to configure the thermostat for a particular installation. These must be set correctly to insure proper PTAC operation. Following is a list of the options available, an explanation of their function, and their factory default settings.

Configuration Options - Summary:

- Option 01 - Equipment type
- Option 03 - Fahrenheit/Centigrade
- Option 04 - Unused for PTAC
- Option 07 - Unused for PTAC
- Option 10 - Reversing valve (HP only)
- Option 11 - Minimum deadband between heating and cooling setpoints
- Option 13 - Room air temperature offset adjustment
- Option 16 - Maximum cycles per hour

- Option 17 - Time between equipment stages (HP only)
- Option 18 - Continuous backlighting (when 24VAC is supplied only)
- Option 26 - Minimum cooling setpoint
- Option 27 - Maximum heating setpoint
- Option 39 - Display setpoint only (or setpoint and room air)
- Option 99 - Reset to factory defaults

To Enter the Advanced Configuration Mode:

Press and hold the FAN key for about 10 seconds until the display changes so that only two pairs of digits are showing. The large upper display shows the configuration number and the small lower shows the configuration setting. Configuration number will be flashing, which means it can be adjusted using the UP and DOWN keys. To cause the opposite pair to flash (to be adjustable), press the MODE key. Successive presses of the MODE key alternate between the configuration number and the configuration setting. To exit the configuration mode, press the FAN key. If no key is pressed for 3 minutes, the configuration mode will automatically exit, returning the thermostat to normal operation (all previous changes will be saved).

Configuration Options - Selection:

Option 01 - Equipment type

A PTAC HeatPump thermostat (PTACSTAT-NP-HP-x), valid selections are PH or PC - Default is PH.

A PTAC HeatCool thermostat (PTACSTAT-NP-AC-x), the only valid selection is PC - Default is PC.

Other selections are available, HP (HeatPump stat only), AC, H or C, but should not be used as they will not operate your PTAC correctly.

Meanings:

PC or PH selects PTAC units (Packaged Terminal Air Conditioners).

PH controls a PTAC with 1 speed heat pump with 1 stage of aux heat.

PC controls a PTAC with 1 speed air conditioner with 1 stage of E1 heat.

NOTE: A PH thermostat can be converted to control a HeatCool system.

Option 03 - Fahrenheit/Centigrade

Selects temperature measurement units.

Selections:

F = Fahrenheit

C = Centigrade

Default is Fahrenheit

Option 04 - Not used on a PTAC system

Default = OF

Option 07 - Not used on a PTAC system

Default = OF

Option 10 - Reversing valve (HP only)

This selection is only available on heat pump systems. "O/B" terminal can be configured to be energized in either heating mode or in cooling mode, depending on heat pump operation.

C — Thermostat output (O/B) will have 24VAC in cooling mode, 0VAC in heating mode.

H — Thermostat output (O/B) will have 0VAC in cooling mode, 24VAC in heating mode.

Default is C for PTAC.

Option 11 - Minimum Deadband Between Heating And Cooling

Selections:

01 through 06 — Default is 02.

Sets the minimum allowable number of degrees between heating and cooling setpoints. One setpoint will “push” the other to maintain this difference.

Option 13 - Room Air Temperature Offset

Selections:

-5 to 5° F — Default is 0.

This option selects the number of degrees F to be added to the displayed temperature to calibrate or deliberately miscalibrate the measured room temperature.

Option 16 - Maximum Cycles Per Hour

Selections:

2, 4, or 6 — Default is 4.

The maximum cycle rate is limited by internal timers to the selected number of cycles per hour. Selection of a higher number causes faster cycling, resulting in more constant room temperature.

Based on the selection of 2, 4, or 6 cycles per hour, a timer is set to 30, 15, or 10 minutes. This much time must elapse from the start of one cycle before another cycle can start. For testing, it can be defeated for one cycle by simultaneously pressing the FAN and UP keys.

If the cycle timer is preventing the equipment from turning on, the display icons that show the equipment is operating will be flashing to indicate a turn-on delay is present.

Option 17 - Minimum Time Between Equipment Stages (HP only)

Selections:

10, 15, 20, 25 minutes — Default is 15.

When there are two stages of heat available, this is the amount of time the first stage must operate before the second stage can turn on. With heat pumps, longer times can reduce the amount of auxiliary heat used. Not available with AC thermostats.

Option 18 - Backlight Configuration

Selections:

ON, OF — Default is OF.

When ON is selected and the thermostat is not battery operated, a low level continuous display backlight is always on. With OF selected, the backlight is only on for a short time after a key is pressed.

NOTE: Continuous backlight is not available with battery operation.

Option 26 - Minimum Cooling Setpoint

Selections:

52° to 90°F — Default is 62°F.

Sets the lowest cooling setpoint available to the user.

Option 27 - Maximum Heating Setpoint

Selections:

50°F to 88°F — Default is 83°F.

Sets the highest heating setpoint available to the user.

Option 39 - Display Setpoint Only or Setpoint and Room Temperature

This configuration option determines what the display on the thermostat will look like.

Selections:

SP — Will display the setpoint only.

rt — Will display the setpoint and room air temperature

Default = SP

Option 99 - Reset to Factory Defaults

Selection:

See below — There is no default.

Use this capability to reset the thermostat to “out of the box” conditions.

NOTE: All previous configuration settings will be lost!

When this option is selected, the configuration number (99), will appear on the large upper display and 10 will appear on the lower. To perform the reset, first use the MODE key to make the 10 flash. Then press and hold the DOWN key. The 10 will start counting down toward zero. If the DOWN key is kept pressed until the count reaches zero, the reset will be performed. If the DOWN key is released early, the number will return to 10 and the reset will not occur.

Step 4 — Check Thermostat Operation

The PTAC Comfort Series non-programmable thermostat has a built-in installer test capability. Use it to check thermostat and equipment operation without delays or setpoint adjustments to force heating or cooling.

NOTE: Any time delays or protections built into the equipment will still be active.

To enter the Installer Test mode, use the same process as is used to enter Installer Configuration, only hold the FAN key longer. More specifically, press and hold the FAN for about 15 seconds until the display reads In on the left and S in the smaller display. The MODE will be OFF. The MODE key (upper left) can now be used to select heat, cool, or emergency heat (HP only). Selecting one of the available modes will immediately command the equipment to turn on in that mode. The request will stay active for 3 minutes and then return the mode to off. With HeatPump thermostats (having 2 stages of heating), the request will be active for 3 minutes on each stage.

Changing the mode to OFF will terminate any running test immediately.

During any test, the display icons will be displayed the same as for normal operation of that stage, as follows:

SELECTED MODE	DISPLAY ICONS
off	off
cool	cool on
heat	heat on, aux heat on
Em Heat (HP only)	aux heat on

To terminate the Installer Test mode, press the up or down temperature buttons. If the thermostat is left in Installer Test mode, it will revert back to normal operation after 15 minutes.

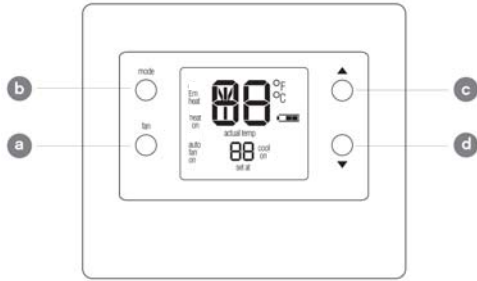
Checklist

1. Run equipment through several heating and cooling cycles to ensure proper operation.
2. If the equipment is to be left in operation, setpoints and operating mode must be properly selected.
3. Put away tools and instruments and clean up debris.

OPERATING THE THERMOSTAT

NOTE: Should the thermostat lose power, it will turn back on with the last settings prior to the power outage.

Button Identification



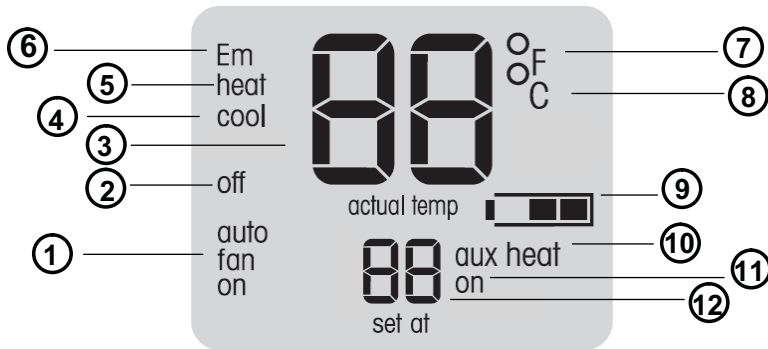
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Fig. 5 - Button Identification

- a - FAN Selects whether the fan operates continuously (on) or in cycle mode (auto)
- b - MODE Selects whether thermostat is set for heating, cooling, emergency heat (heat pump system only) or off
- c - UP Increases the temperature (or adjusts the screen selection up when setting advanced programming features)
- d - DOWN Decreases the temperature (or adjusts the screen selection down when setting advanced programming features)

Display backlighting

The display has two levels of lighting, high level and continuous low level. High level lighting comes on for 10 seconds any time a button is pressed. Continuous low level lighting is only available if the thermostat is operated from 24VAC. It is not available with batteries. Continuous low level backlighting is a configurable option (see configuration settings above).



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Fig. 6 - On screen indicators

On-Screen Indicators

- 1 Fan mode - on or auto
- 2 Thermostat mode is off
- 3 Current Setpoint or Room temperature (if configured to display room temp)

- 4 Thermostat mode is Cool
- 5 Thermostat mode is Heat
- 6 Thermostat mode is emergency heat
- 7 Fahrenheit
- 8 Celsius
- 9 Battery strength indicator
- 10 Aux Heat is On
- 11 Compressor is On (if flashing, it is waiting to come on)
- 12 Current setpoint (if configured to display room temp)

Setting the temperatures for heating and cooling

Your thermostat is installed with the heating set at 68°F and the cooling set at 72°F. You can use these or change them so your room is as warm or as cool as you would like it to be. These steps will hold the temperature where you set it.

1. To change the heating temperature, press the mode button on the left until the screen says heat.
2. Press the up or down button located on the right side of the display until you reach the desired temperature.
3. To change the cooling temperature, press the mode button on the left until the screen says cool.
4. Press the up or down button located on the right side of the display until you reach the desired temperature.

Using the fan

When the fan is on, it helps distribute air for a more even temperature in all spaces. You can set the thermostat so the fan runs continuously (on) or only

during your heating and cooling cycles (auto mode, sometimes known as cycle mode).

The thermostat is set at the factory to run automatically as needed (auto). Here's how to change the setting so it runs continuously.

1. Press the fan button on the left. The display message will change from auto fan to fan on.
2. To return the fan to auto mode, press the fan button again. You will see fan auto on the display.

Using emergency heat (heat pump units only)

Emergency heat is useful when the automatic auxiliary heat system can't keep up with demand. (Units with heat pumps use "auxiliary heat" when it's too cold outside for the heat pump to heat the space. The display indicator for this is aux heat on.)

Here's how to set your thermostat to use emergency heat.

1. Press the mode button repeatedly until you see Em heat in the upper left of the display.
2. To turn off emergency heat, press the mode button again to select heat, cool or off.

Turn the unit off

To use the thermostat to turn off the heating and cooling system, press the mode button on the left repeatedly until the display shows off in the upper left.

Installing or replacing the batteries

NOTE: Remember, batteries are only required if there are not enough wires to connect a common wire.

Two AA batteries should last about one year. When the batteries have lost about one-third of their power, a battery icon appears on the display (two-thirds of it will be black). As the batteries get weaker, the icon goes down to one black bar and then none. When the icon is empty, you will begin to lose thermostat functions. We recommend that you replace the batteries at the one bar level with two AA alkaline batteries.

They are located in the back of the thermostat, so you'll have to remove it from the wall. Here's how to replace batteries:

1. Locate the latch at the top of the thermostat. It's at the center of the top rim.
2. Press it down. This will disconnect the thermostat from the top of the wall plate.
3. Remove the thermostat from the wall bracket completely by bringing it slightly toward you and lifting it up and off the lip on the lower edge of the wall bracket.
4. You will see the batteries in the lower right corner. Replace the batteries with two AA alkaline batteries.
5. Put the thermostat back on the wall bracket by lining up the slot on the bottom edge of the back of the thermostat with the lip on the wall bracket. You will feel the slot fit over the lip.
6. With the bottom of the thermostat attached to the bottom of the wall bracket, bring the thermostat back to the wall. Line up the latch at the top of the thermostat with the corresponding lip on the wall bracket.
7. Lightly push the thermostat toward the wall. When the latch and lip are lined up properly, you will hear the thermostat snap into place.

TROUBLE SHOOTING YOUR THERMOSTAT

What if...

The battery icon is displayed

The battery icon appears on the display only when the battery starts to lose power. Replace it when one-third of the icon is black. If your thermostat is battery powered and you wait until the icon is just a silhouette with no black bars, you will slowly lose thermostat functions until it doesn't work at all.

“Aux heat on” is displayed (heat pump systems only)

Aux heat on is auxiliary heat. It applies only to the heat pump version. When it is displayed, it means the unit is heating with the electric heater. This can happen manually by setting the mode to Em Heat or automatically, if the unit can not keep up with demand running in heat pump mode.

There is a power outage

If you lose electricity and have batteries installed, the thermostat will continue to display the indoor temperature because it has a battery backup power source. This means that even though your heating and cooling system doesn't work, you will still be able to monitor the room temperature.

NOTE: With or without batteries, any previous changes to the settings will be saved when there is a power outage.

My Heat Pump unit is operating in cooling when it should be heating

Most likely, the reversing valve is setup wrong in the advanced configuration. Check reversing valve option above in the configuration setup.

My Thermostat does not show room temperature

There is an option in the advanced configuration setup to display set point and room temperature. Check the configuration setup above.

There are icons flashing on the thermostat display

There are several internal timers which influence the thermostat's operation. If a timer is preventing the equipment from turning on, the display icons which show the equipment is operating, will be flashing to indicate a turn-on delay is present.

You get a system error message

Here are the possible system error messages and what they mean:

-- The room air sensor reports that the room air temperature is above 150°F or below -50°F.

E4 The memory has failed and the thermostat will return to the factory settings.

THERMOSTAT LIMITED WARRANTY

FOR WARRANTY SERVICE OR REPAIR, YOU MUST FOLLOW THESE STEPS IN ORDER:

FIRST: Contact the installer.

SECOND: Contact the nearest distributor. (See telephone yellow pages.)

THIRD: Contact:

Carrier Corporation

PTAC Consumer Relations

P.O. Box 4808

Syracuse, New York 13221

Phone: 1-800-894-6449

Model No. _____
Unit Serial No. _____
Date of Installation _____
Installed by _____
Name of Owner _____
Address of Installation _____

LIMITED WARRANTY for THERMOSTAT

Carrier Corporation (hereinafter "Company") warrants this product against failure due to defect in material and workmanship under normal use and maintenance as follows. If a part fails due to defect within five (5) years from the date of purchase, Company will provide only a new or remanufactured part, at Company's sole option, to replace any defective part without charge for the part. This limited warranty is subject to the provisions, conditions, limitations, and exclusions listed below and on the reverse (if any) of this document.

LEGAL REMEDIES - The owner must notify the Company in writing, by certified or registered letter to Carrier Corporation, PTAC Consumer Relations, P.O. Box 4808, Syracuse, New York 13221, of any defect or complaint with the product, stating the defect or complaint and a specific request for repair, replacement, or other correction of the product under warranty, mailed at least thirty (30) days before pursuing any legal rights or remedies.

WARRANTY CONDITIONS:

1. The warranty applies only to products remaining in their original installation location.
2. Installation, use, care, and maintenance must be normal and in accordance with instructions contained in the Operator's Manual and Company's service information.
3. Defective parts must be returned to the distributor through a registered servicing dealer for credit.
4. Where a product is installed in a new residence, the date of purchase is the date the homeowner purchased his or her residence.

5. If the date of original purchase cannot be verified, then the warranty period begins ninety (90) days from the date of product manufacture (as indicated by the model and serial number).

LIMITATIONS OF WARRANTIES: ALL IMPLIED WARRANTIES AND/OR CONDITIONS (INCLUDING IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE OR PURPOSE) ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. SOME STATES OR PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY OR CONDITION LASTS. SO THE ABOVE MAY NOT APPLY TO YOU. THE EXPRESS WARRANTIES MADE IN THIS WARRANTY ARE EXCLUSIVE AND MAY NOT BE ALTERED, ENLARGED, OR CHANGED BY ANY DISTRIBUTOR, DEALER, OR OTHER PERSON, WHATSOEVER.

THIS WARRANTY DOES NOT COVER:

1. Any product ordered over the Internet.
2. Any product not installed by a licensed or otherwise qualified HVAC technician.
3. Labor or other costs incurred for diagnosing, repairing, removing, installing, shipping, servicing or handling of either defective parts or replacement parts, or new units.
4. Normal maintenance as outlined in the installation and servicing instructions or Operator's Manual, including filter cleaning and/or replacement and lubrication.
5. Damage or repairs from faulty installation, misapplication, abuse, improper servicing, unauthorized alteration or improper operation.

6. Failure to start due to voltage conditions, blown fuses, open circuit breakers, or damages due to the inadequacy or interruption of electrical service.
7. Damage as a result of floods, winds, fires, lightning, accidents, corrosive environments or other conditions beyond the control of Company.
8. Parts not supplied or designated by Company, or damages resulting from their use.
9. Products installed outside the U.S.A. or its territories and Canada.
10. Electricity or fuel costs, or increases in electricity or fuel costs from any reason whatsoever, including additional or unusual use of supplemental electric heat.
11. ANY SPECIAL INDIRECT OR CONSEQUENTIAL PROPERTY OR COMMERCIAL DAMAGE OF ANY NATURE WHATSOEVER. Some states and provinces do not allow the exclusion of incidental or consequential damages, so the above limitation may not apply to you.

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

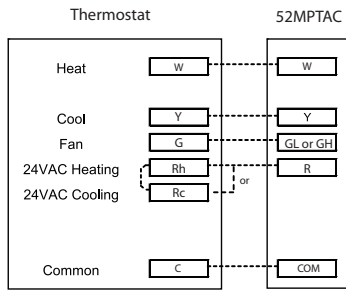
Table 1 shows the thermostat outputs for each available stage of heating or cooling. It may be useful in checkout or troubleshooting.

Table 1 – Outputs

EQUIPMENT CONFIGURATION OPTION #1	COOL STAGE 1	HEAT STAGE 1	HEAT STAGE 2	EM HEAT
PC	Y, G	W	--	--
PH RVS = C (O)	Y, G, O/B	Y, G	Y, G, W	W
PH RVS = H (B)	Y,G	Y, G, O/B	Y, G, W, O/B	W

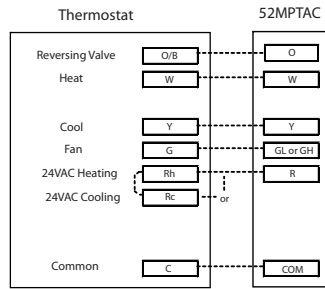
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WIRING DIAGRAMS



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Fig. 7 - A/C Thermostat Typical Installation



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Fig. 8 - HP Thermostat Typical Installation

THERMOSTAT CONFIGURATION RECORD

Configuration Options

- Option 01 Equipment Type
- Option 03 Fahrenheit/Centigrade Selection
- Option 04 Unused for PTAC
- Option 07 Unused for PTAC
- Option 10 Reversing Valve
- Option 11 Minimum Deadband Between Heating and Cooling Setpoints
- Option 13 Room Air Temperature Offset Adjustment
- Option 16 Cycles Per Hour
- Option 17 Time Between Equipment Stages
- Option 18 Backlight Configuration
- Option 26 Minimum Cooling Setpoint
- Option 27 Maximum Heating Setpoint
- Option 39 Display Setpoint Only or Setpoint and Room Temperature
- Option 99 Reset to Factory Default Settings

See configuration descriptions in Configuration Options - Selection section of manual.

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