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### Troubleshooting 16 CAUTION Follow Installation Instructions carefully.

DISCONNECT POWER TO THE HEATER -AIR CONDITIONER <u>BEFORE</u> REMOVING THE OLD THERMOSTAT AND INSTALLING WARNING THE NEW THERMOSTAT.

This receiver is designed to operate from 0-70° C

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



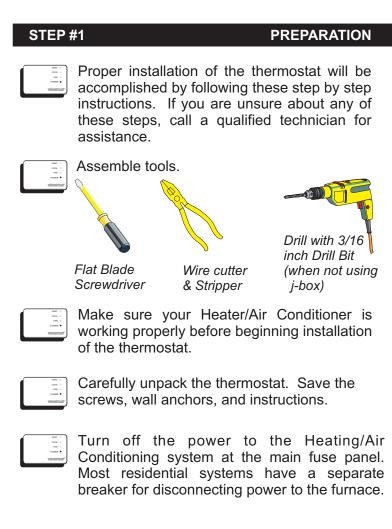
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### P/N T1100REC

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### STEP #2 REMOVE & REPLACE OLD THERMOSTAT



Remove the cover of the old thermostat. If it does not come off easily check for screws.



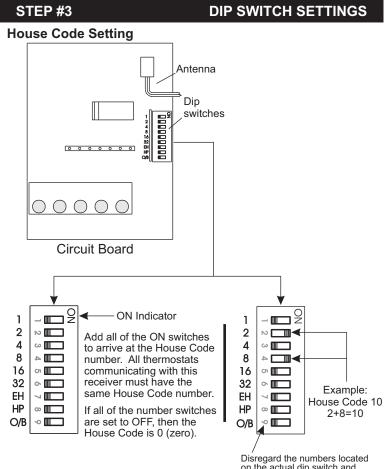
Loosen the screws holding the thermostat base or subbase to the wall, and lift away.



Disconnect the wires from the old thermostat. Tape the ends of the wires as you disconnect them, and mark them with the letter of the terminal for easy reconnection to the new thermostat.

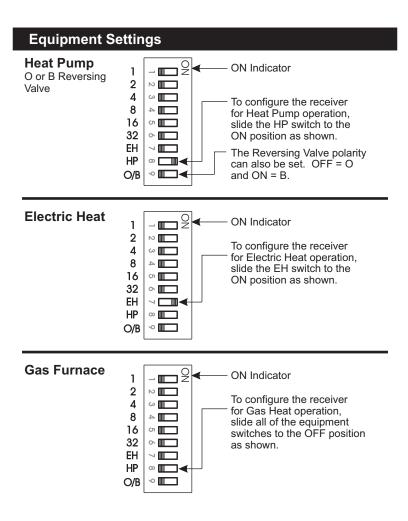


Keep the old thermostat for reference purposes, until your new thermostat is functioning properly.



/ Disregard the numbers located on the actual dip switch and refer only to the markings on the Receiver circuit board.

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### STEP #4

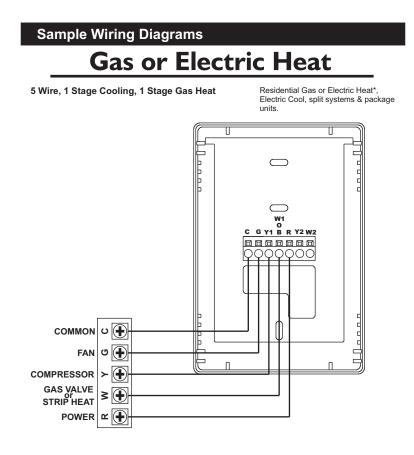
### WIRE CONNECTIONS



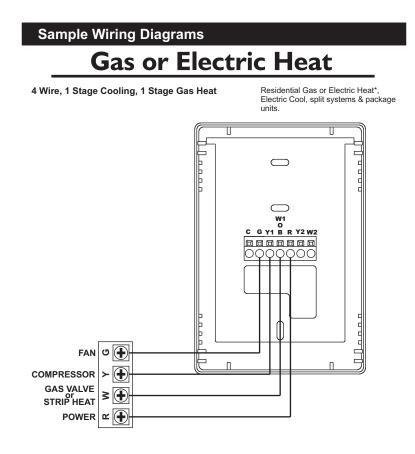
If the terminal designations on your old thermostat do not match those on the new thermostat, *refer to the chart below,* or the wiring diagrams that follow.

Wire from the old thermostat te <u>rminal marked</u>	Function	Install on the new thermostat connector marked
G or F	Fan	G
Y1, Y or C	Cooling	Y1
W1, W or H	Heating	W1, O, B
Rh, R, M, Vr, A	Power	R
С	Common	C *
O/B	Rev. Valve	W1, O, B**
Y2	2nd Stage Cool	Y2
W2	2nd Stage Heat	W2
		1

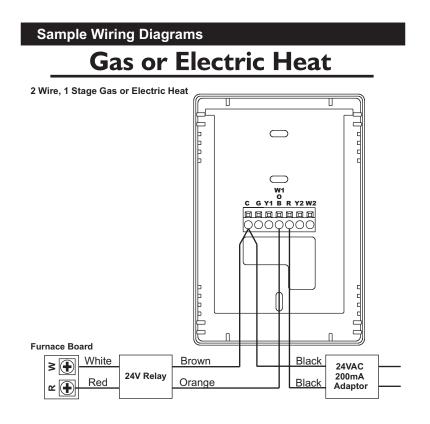
\* C may not be used on all systems. \*\* O/B is used if your system is a Heat Pump.



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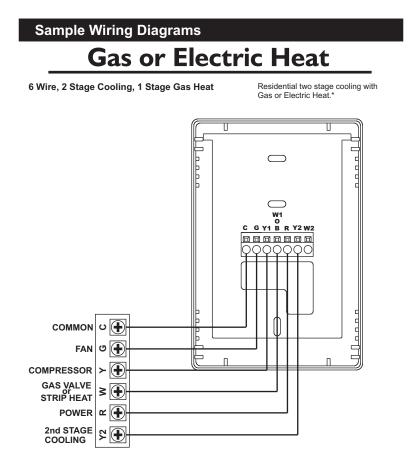


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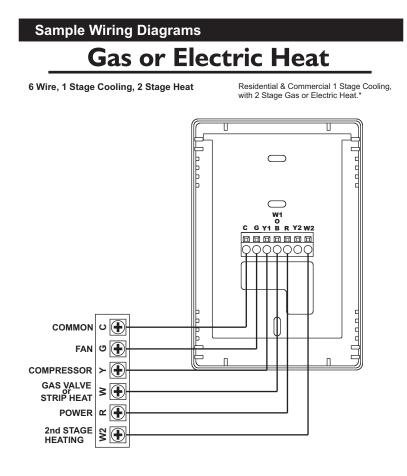


The ACC0436 Wireless Thermostat Two-Wire Kit can be purchased separately.

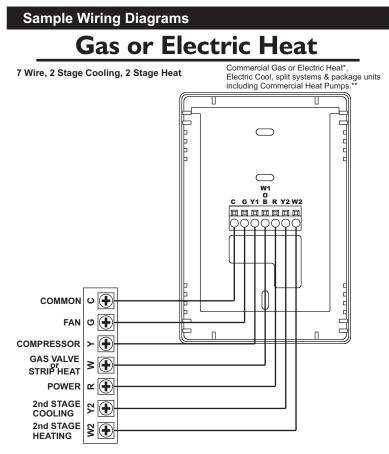
\* If using first stage electric heat, the "EH" dip switch must be set to ON (see page 5).



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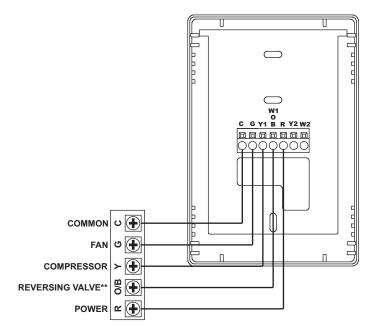
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\* If using first stage electric heat, the "EH" dip switch must be set to ON (see page 5).
\*\* If using a <u>Commercial heat pump</u>, the "HP" dip switch must be set to OFF (see page 5).

## Sample Wiring Diagrams Heat Pump\* Wire 1 Stage Cooling, 1 Stage Heat, Heat Pump\* with 0 or 8 reversing value\*\*

5 Wire, 1 Stage Cooling, 1 Stage Heat, Heat Pump\* with O or B reversing valve\*\*. Residential Heat Pumps, split systems & package units, with no auxiliary heat.

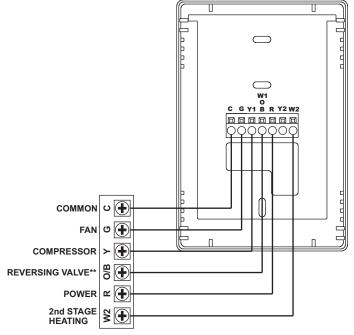


\* The "HP" dip switch must be set to ON (see page 5). \*\* The "O/B" dip switch must be set to O or B (see page 5).

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### Sample Wiring Diagrams Heat Pump 6 Wire, 1 Stage Cooling, 2 Stage Heat, Heat Pump\* with O or B reversing valve\*\*. Residential Heat Pumps, split systems & package units, with auxiliary heat.





\* The "HP" dip switch must be set to ON (see page 5). \*\* The "O/B" dip switch must be set to O or B (see page 5).

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### STEP #5

#### **TEST OPERATION**



Turn the power on to the Heating/Air Conditioning system.

COOL 0 NN 0 POWR • VENSTAR*	 HEAT 0
	0006 0
	PRN 0
VENSTAR	POWER .
	VENSTAR

Press the MODE button repeatedly until the **HEAT** icon appears on the display. Press the UP or DOWN button until the set temperature is 10 degrees above room temperature. The HVAC unit should energize in the heating mode.



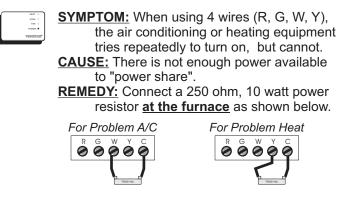
Press the MODE button repeatedly until the **COOL** icon appears on the display. Press the UP or DOWN button until the set temperature is 10 degrees below room temperature. The HVAC unit should energize in the cooling mode.

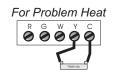
**NOTE:** Most equipment has a time delay of 5 minutes between cooling cycles. This feature is defeatable on the thermostat (see page 13, step 8 of the Thermostat Manual).



Press the UP button until the setpoint is equal to the room temperature. Press the FAN button to **Fan On**. The fan should turn on and run continuously.

### TROUBLESHOOTING





Note: 2 resistors may be used at the same time. Not applicable with Heat Pump systems.



SYMPTOM: The air conditioning does not attempt to turn on. **CAUSE:** The compressor timer lockout may

prevent the air conditioner from turning on for a period of time. **REMEDY:** See page 13 of the Thermostat

Manual and configure step 8 to defeat the 5-minute compressor lockout.



SYMPTOM: The display is blank. CAUSE: Lack of proper power. **REMEDY:** Make sure power is turned on to the furnace and 24vac exists between R & W. If C is used, 24vac between R & C.

### TROUBLESHOOTING



**<u>SYMPTOM</u>**: When controlling a residential heat pump, and asking for cooling, the heat comes on. **<u>CAUSE</u>**: The Heat Pump dip switch is set to OFF.

**<u>REMEDY:</u>** See page 5 of this manual and set the Heat Pump (HP) switch to ON.



**SYMPTOM:** When calling for cooling, both the heat and cool come on.

<u>CAUSE:</u> The Heat Pump dip switch is set to ON and the HVAC system is a "conventional" (non-heat pump) system.

**REMEDY:** See page 5 of this manual and set the Heat Pump (HP) switch to OFF to enable gas electric operation.



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