

Operator: Save these instructions for future use!

FAILURE TO READ AND FOLLOW ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLING OR OPERATING THIS CONTROL COULD CAUSE PERSONAL INJURY AND/OR PROPERTY DAMAGE.



WHITE-RODGERS

**Model Nos.
7200 and 7250**

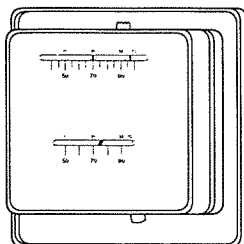
Heating Only Thermostats

INSTALLATION INSTRUCTIONS

37-5432A

DESCRIPTION

The 7200 and 7250 operate millivolt, 12 volt, and 24 volt heating systems. The thermostat includes a spiral bimetal temperature sensor and an adjustable heat anticipator. The 7200 thermostat uses a snap action contact for switching, while the 7250 uses a sealed liquid metal switch.



PRECAUTIONS

NOTE

If in doubt about whether your wiring is millivolt, line, or low voltage, have it inspected by a qualified heating and air conditioning contractor, electrician, or someone familiar with basic electricity and wiring.

Do not exceed the specification ratings.

All wiring must conform to local and national electrical codes and ordinances.



CAUTION

To prevent electrical shock and/or equipment damage, disconnect electric power to system at main fuse or circuit breaker box until installation is complete.



WARNING

Do not use on circuits exceeding specified voltage. Higher voltage will damage control and could cause shock or fire hazard.

Do not short out terminals on gas valve or primary control to test. Short or incorrect wiring will damage thermostat and could cause personal injury and/or property damage.

SPECIFICATIONS

ELECTRICAL RATING:

24 VAC Max., 1.0 amps

SWITCH ACTION:

Thermostat: Open contact (7200),
liquid metal cell (7250)

ANTICIPATOR RATING:

Heating (not used on all models):

0.18A to 1.0A

TEMPERATURE RANGE:

50°F to 90°F

FIVE-STEP EASY INSTALLATION



CAUTION

To prevent electrical shock and/or equipment damage, disconnect electric power to the system at the main fuse or circuit breaker until installation is complete.

1. **Remove Old Thermostat:** A standard heat only thermostat consists of two basic parts:

- a. The cover, which may be either a snap-on or hinge type.
- b. The base, which is mounted on the wall or on an adaptor plate.

Use the adaptor plate as necessary to cover unpainted surfaces. Thermostat wires pass through the adaptor plate center opening.

NOTE

Thermostat must be leveled if it is a sealed liquid metal model.

INSTALLATION & OPERATION

2. **Wire and Mount Thermostat Base:** Gently pull the cover off the thermostat base. Connect wires to the appropriate terminals on the back of the thermostat base. Gently push excess wire back into the wall opening and plug hole with a fire-resistant material, such as fiberglass insulation, to prevent drafts from affecting thermostat operation. Mount the base on the wall or adaptor plate using the screws provided (see fig. 1).



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Replaces 37-5339A
9522

NOTE

If you are using this thermostat for a millivolt application, it is not necessary to adjust the heat anticipator (the anticipator is set at the factory for millivolt operation). Skip to step 4.

- 3. Set Anticipator** (not used on all models): The anticipator should be set to match the current rating stamped on your main heating control. The heat anticipator is adjustable from 0.18 to 1.0 amps. Adjust the anticipator by rotating the contact arm clockwise to reduce the amperage set-

ting (see fig. 2). The amperage where the anticipator is set is indicated by the numbers on the base, which the pointer on the upper part of the arm points to. Do not adjust the anticipator if you are not sure of the rating of your main heating control.

The heat anticipator may require further fine adjustments for best system performance. Adjustments should not be greater than $\frac{1}{2}$ marking at a time. Move the pointer **counterclockwise to lengthen** heating system cycles; move **clockwise to shorten** heating cycles.

- 4. Snap on Cover:** Carefully align the cover with the base and snap the cover onto the base.
- 5. Set the Thermostat:** Turn on power to the heating system. Set the temperature adjustment lever at the top of the thermostat to the desired setting. Move the **on/off** switch at the bottom of the thermostat to the desired position (**ON** position is to the left; **OFF** position is to the right).

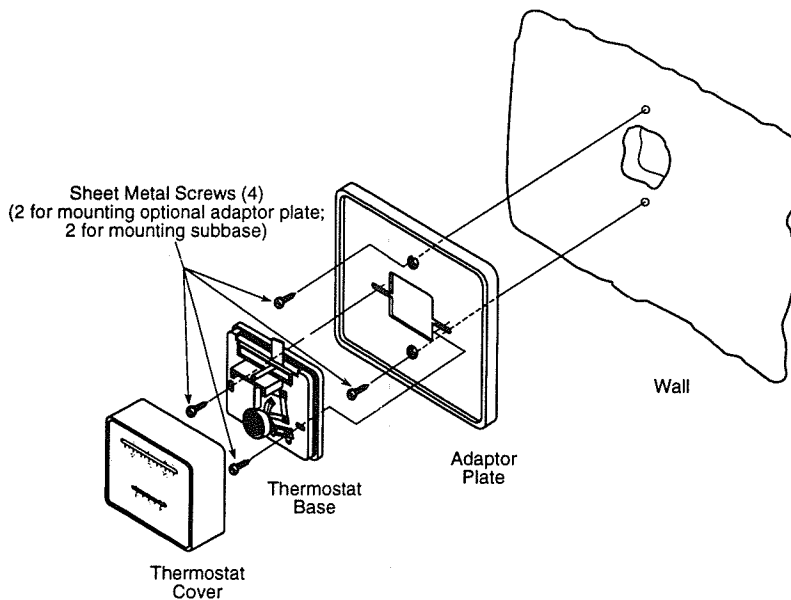


Figure 1. Installing the thermostat on the wall

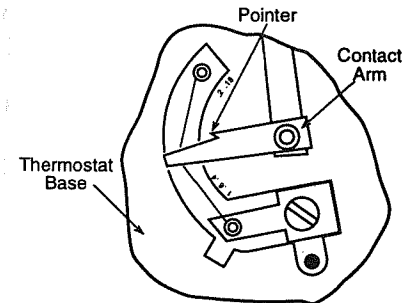


Figure 2. Heat Anticipator

If you need further information about this product, please write to

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Attention: Technical Service Department