

Non-Electric Room Temperature Control Product Instructions

Applications

The Viega NA Non-Electric Room Temperature Control (WM 32) provides room responsive water temperature control of a Mixing Station or Diverting Valve.

Features

The Room Temperature Control is a non-electric modulating diverting valve control. The control modulates system water temperature to maintain a room temperature set by the user.

Specifications

Capillary length from actuator to room thermostat: 32 feet

Installation

Mount the room thermostat on an inside wall of the heated room approximately 5 feet from the floor. Do not place it near drafts or behind objects that will block natural circulation (curtains, doors, cabinets, etc.)

Unscrew the actuator at its center joint and remove the body from the actuator bellows. The bellows can be easily run through walls to the mixing valve, being careful not to kink the capillary. If present, unscrew the plastic cap from the mixing or modulating valve. Thread the actuator onto the valve and hand tighten. Do not use pliers or a wrench. The circulation pump must be wired for constant circulation with seasonal shut down and start up.

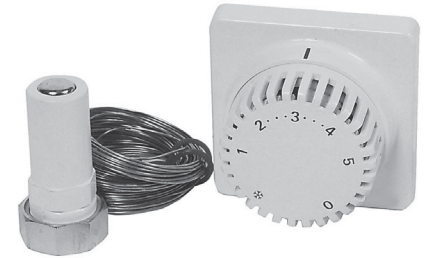
Note: Maximum water temperature adjustment must be made at the diverting valve to protect floors from excessive temperatures. Set high limit kit at initial system start up. During installation the square base of the wall thermostat may be removed to allow attachment to the wall. Do not remove the dial from the unit or proper calibration will be lost.

Operation

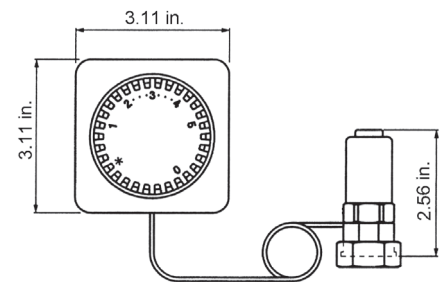
The Non-Electric Room Temperature Control is a modulating diverting valve control. The closer the room temperature gets to the setpoint of the thermostat, the lower the system water temperature will be. When the setpoint is reached, the diverting valve will recirculate 100% of the system return water, assuring constant circulation at all times.

#3 adjustment on the thermostat represents 68°F room temperature. Each dot between the numbers 2 and 4 is approximately a 2°F setpoint change.

- 0 - closed
- * - frost protection: valve opens when room temperature drops below 42°F
- 1 - 54°F
- 2 - 61°F
- 3 - 68°F
- 4 - 75°F
- 5 - 82°F



Dimensions



Troubleshooting

If the room is underheating, increase the setting at the thermostat. Also check high limit setting, and make sure the pump is running and there is sufficient water temperature provided from heat source. Reduce the thermostat setting if the room is overheating.

If the system does not respond to changes in thermostat setting, check that the actuator is firmly screwed onto the valve. Also examine the capillary for any kinks or damaged sections. If any damage is found the control may need to be replaced.

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Mounting the Non-Electric Room Temperature Control on the Viega NA Mixing Station or Diverting Valve

