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NA10474

Thermostatic control head with remote adjusting knob

472 series

Function

The 472 thermostatic control head with remote adjusting knob is used on thermostatic radiator valve bodies for automatic control of room temperature when the position of the valve does not allow for easy access to adjust the temperature setting.

Product Range

472000

Technical specifications

Scale of adjustment:	0 - 5
Setting temperature range:	43 - 82° F (6 - 28° C)
Frost protection cut-in:	43° F (6° C)
Accuracy:	± 0.7° F (0.4° C)
Max. sensor temperature:	120° F (50° C)
Length of capillary:	78" (2 m)

Fit valves:

The 472 control head can be coupled to the following valves:
- 220, 221, 338, 339 and 676 series

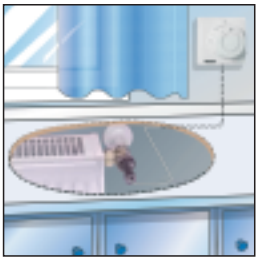
Control adjustment scale, 472 series

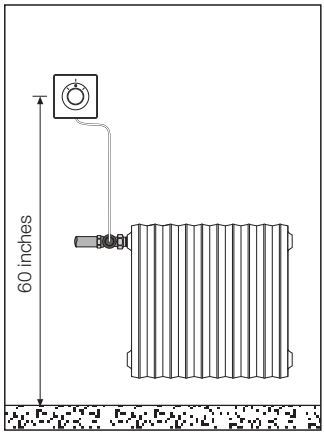
0	*	1	2	3	4	5
32°F 0°C	43°F 6°C	54°F 12°C	61°F 16°C	68°F 20°C	75°F 24°C	82°F 28°C

During long periods of absence during winter months, set the adjustment to temperature reference number * on the dial to ensure the temperature is not less than 40° F (5° C).

Installation

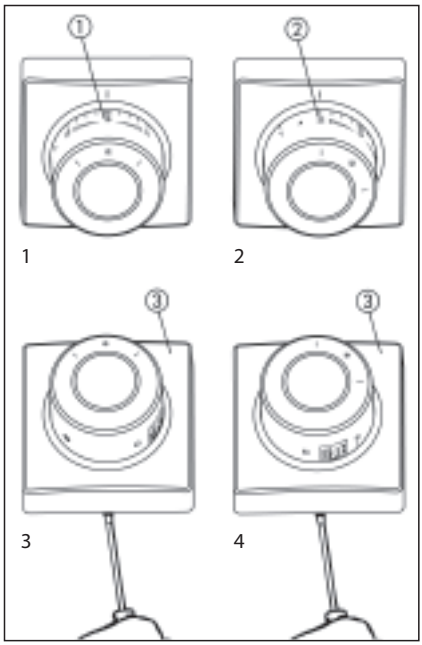
The 472 remote controller provides thermostatic radiator valve control from a distance when the valve is not easy to access.





Temperature range limitations

The control knob comes standard with two stop clips, mounted on top of the knob to the right near the temperature reference number 5 and on the left hand side next to the temperature reference number 0. This allows adjustment within a high and low range of choice and be locked and hidden.



Legend

① temperature reference number 3

② temperature reference number 2

③ cover

④ stop clip

⑤ base plate

⑥ adjustment point

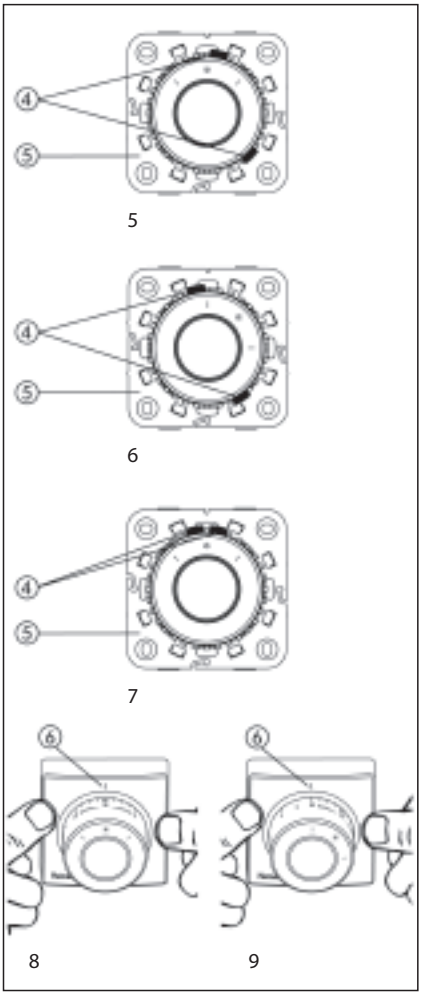
Setting the upper temperature limit

Adjust the control knob to the desired temperature pointing to the adjustment point, example here is to temperature reference number 3, 68°F (20°C), (figure 1). Lift the cover from the base plate using a screwdriver (figure 3). Remove the stop clip found near temperature reference number 5 and push it on the degree scale near the temperature reference number 3 (figure 5).

Press the cover with the adjustment point mark facing up back onto the base plate until it snaps into position (figure 8). At this point temperature adjustments can be made for any desired temperature up to the temperature reference number 3, 68°F (20°C). No temperature setting can now be made above the temperature reference number 3, which is locked in as the high temperature limit setting.

Setting the lower temperature limit

Adjust the control knob to the desired temperature pointing to the adjustment point, example here is to temperature reference number 2, 61°F (16°C), (figure 2). Lift the cover from the base plate using a screwdriver (figure 4). Remove the stop clip found near temperature reference number 0 and push it on the degree scale near the temperature reference number 2 (figure 6). Press the cover with the adjustment point mark facing up back onto the base plate until it snaps into position (figure 9). At this point temperature adjustments can be made for any desired temperature above the temperature reference number 2, 61°F (16°C). No temperature setting can now be made below the temperature reference number 2, which is locked in as the low temperature limit setting.



Locking a fixed temperature setting

Adjust the control knob to the desired temperature pointing to the adjustment point, example here is to temperature reference number 3, 68°F (20°C), (figure 1). Lift the cover from the base plate using a screwdriver (figure 3). Remove the stop clip found near temperature reference number 0 and also the stop clip found near temperature reference number 5 and push both of them on the degree scale near the temperature reference number 3 (figure 7). Press the cover with the adjustment point mark facing up back onto the base plate until it snaps into position (figure 8). At this point no temperature adjustments can be made at all for any other temperature and it is now locked on the desired temperature reference number 3, 68°F (20°C).

Security Instruction

All work must be performed by qualified personnel trained in the proper application, installation, and maintenance of systems in accordance with all applicable codes and ordinances.

Leave this manual with the user

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