

Data Sheet

Remote temperature adjusters type RA

Application



Remote temperature adjuster with frost protection.
Temperature range 8-28°C, facilities for limiting and locking the temperature set-point.

- RA 5062: length of capillary tube 2 m
- RA 5065: length of capillary tube 5 m
- RA 5068: length of capillary tube 8 m
- RA 5075: length of capillary tube 15 m
- RA 5074: length of capillary tube 2+2 m

All thermostatic sensors can be combined with all RA 2000 valve.

Ordering and specifications

Type	Model	Cap. tube	Temperature range (°)	Code no.
RA 5062	Remote temperature adjuster	2 meters	8-28 °C	013G5062
RA 5065	Remote temperature adjuster	5 meters	8-28 °C	013G5065
RA 5068	Remote temperature adjuster	8 meters	8-28 °C	013G5068
RA 5075*	Remote temperature adjuster	15 meters	8-28 °C	013G5075
RA 5074*	Remote temperature adjuster	2+2 meters	8-28 °C	013G5074

The remote sensor is delivered with all of the capillary tube coiled up within the sensor. When mounting the sensor, only the capillary tube required is uncoiled.

¹⁾ Temperatures stated for Xp = 2K, i.e. the valve is closed at 2 °C higher room temperature.

* RA5075 & RA5074 are not EN215 certified.

Accessories

Accessories	Code no.
Adaptor for RA 5062/65/68 to RA 2000 valves	013G5191
Adaptor for RA 5062/65/68 to RA/VL valves	013G5192
Adaptor for RA 5062/65/68 to RA/V valves	013G5193
Adaptor for RA 5062/65/68 to M30x1.5 valves	013G5194

Quality



Remote temperature adjusters type RA thermostatic sensors are certified according to the European standard EN 215.

All Danfoss radiator thermostats are manufactured in factories, assessed and certified by BVC (Bureau Veritas Certification) against ISO 9001 and ISO 14001.

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Setting the temperature

The required room temperature is set by turning the setting dial. The temperature scales show the correlation between scale values and the room temperature. The temperature values stated are for guidance only as the obtained room temperature will often be influenced by installation conditions.

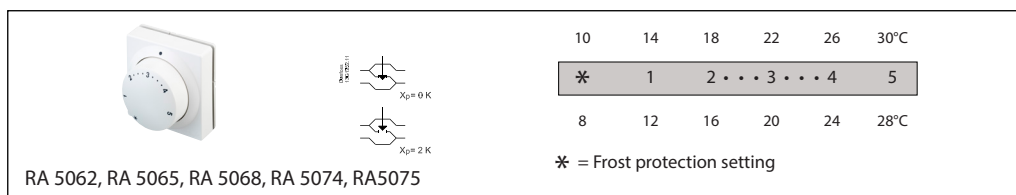
The temperature scales are stated according to European standards at $X_p = 2^\circ\text{C}$. This means that the radiator thermostats close at a sensor temperature which is 2°C higher than stated on

the temperature scales.

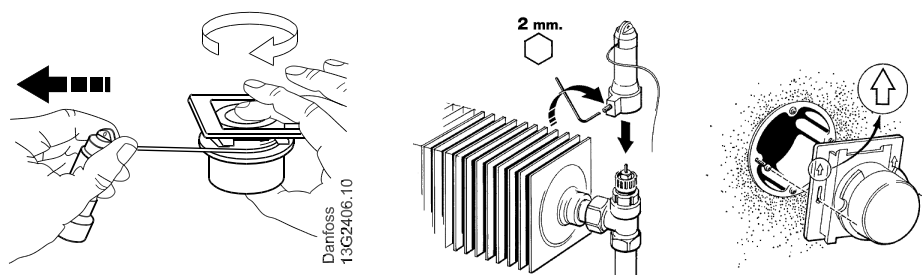
Locking and limitation of the temperature set-point of RA sensors are carried out using the limiter pins placed at the back of the sensor.

Locking and max/min limitation of the remote temperature adjuster type RA 5060 are carried out by the limiter tabs. The limiter tabs will be covered by the setting dial.

The procedure is described in the instruction.



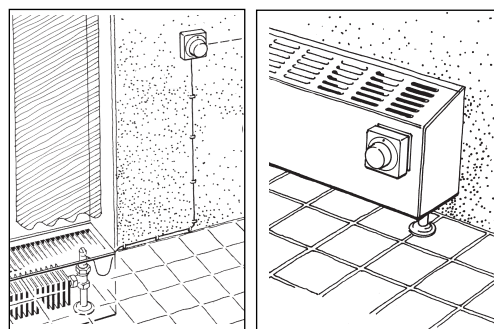
Mounting



Choose the right sensor

Radiator valves with remote adjustment
The remote temperature adjuster is used on radiators or convectors which are hidden in a cabinet or in other ways inaccessible to the user. In addition, the room temperature adjuster is used in integral sockets and installation ducts. The sensor and the setting part of a remote setting unit are integrated.

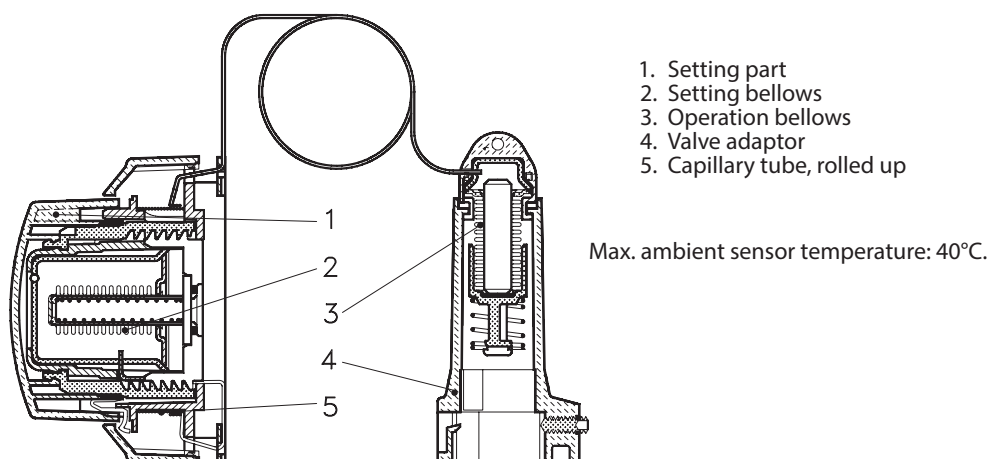
The remote temperature adjuster is placed in an easily accessible place where the ambient air can at the same time pass freely over the sensor. This is ideal where the valve is inaccessible to the user. The temperature adjuster should be mounted between 1.2 and 1.6 m above the floor.



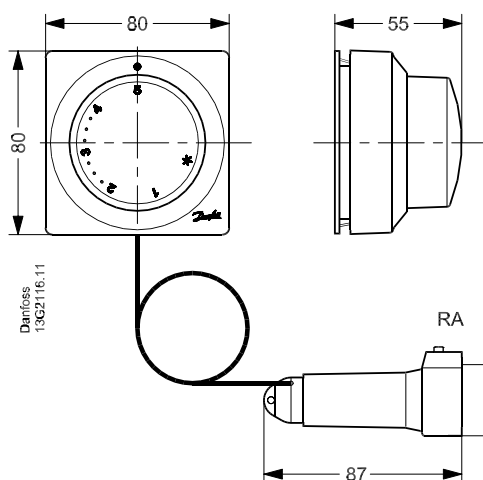
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Operating Principle



Dimensions



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