



(Angle)



(Straight)



## HOME thermostat set RTW & RLV-KS

## User Guide

### What is a thermostatic radiator valve (TRV)?

TRVs sense the air temperature around them and regulate the flow of water through the radiator which they are fitted to.

They should be set at a level that gives you the room temperature you want. These settings may have to be different in each room, and you should set the TRVs to suit each room and then leave them to do their job. As guide to the temperatures is shown on the right.

Turning a TRV to a higher setting will not make the room heat up any faster. How quickly the room heats up depends on the boiler size and setting, and the radiator size. Turning a TRV to a lower setting will result in the room being controlled at a lower temperature, and saves energy.

### Set and Forget

The thermostat maintains a constant temperature in your room, set your preferred room temperature according to the thermometer below and that's it. The thermostat will open and close depending on the heat demand thereby utilizing the free heat from sunlight, appliances and people.

### Additional heat saves energy

Sunlight, kitchen appliances and electric light give off additional heat. The thermostat registers such additional heat by automatically closing down. When there no longer is enough additional heat available, the thermostat automatically opens again.

### Please do not cover the thermostat!

The thermostat must be able to register the temperature of the room. If it is covered by e.g. thick curtains or furniture, use a thermostat with remote sensor.

### \* Frost Protection

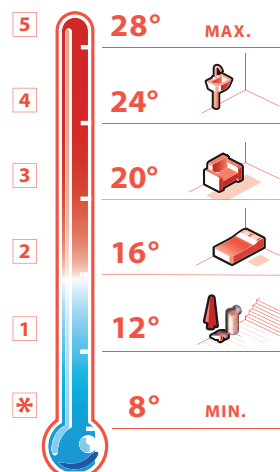
If you leave your home for a longer period of time, you can safely turn the thermostat to \*. At this setting, the temperature will keep the room temperature at about 7-8 °C.

### Night Setback

To save energy, simply lower the room temperature at night or at times when nobody is at home.

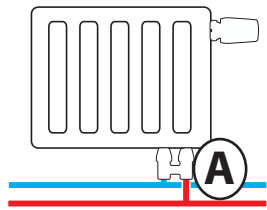
### Cleaning

The radiator thermostat can be cleaned with mild detergents such as dish washing liquid. Do not use scourers, alcohol, solvents or bleaching agents as they can damage the radiator thermostat.



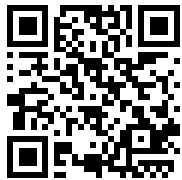
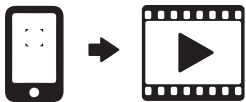
# Installation Guide

## Fitting the H-piece valve: Radiator with bottom connection

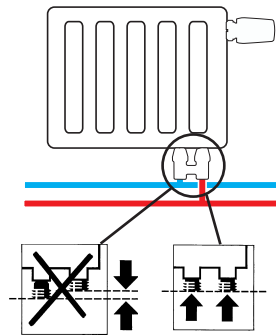


### Easy Installation

Scan for video guide



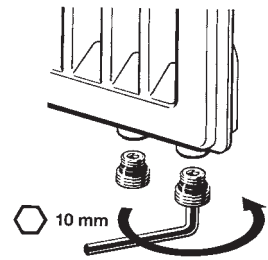
1



Firstly, remove the two brass inserts from the valve body.

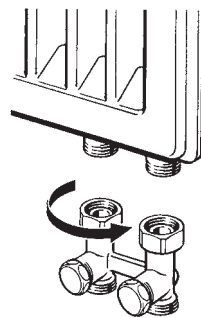
Fit the valve body to the flow and return pipework.

2



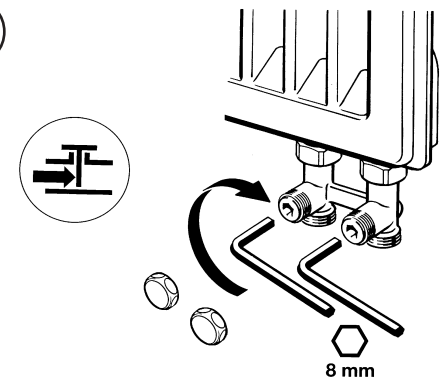
Screw both of the removed brass inserts into the radiator and tighten with a 10 mm Allen key.

3



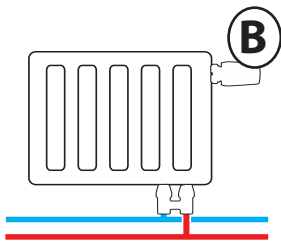
Connect the H-piece to the copper inserts and tighten the union nuts.

4

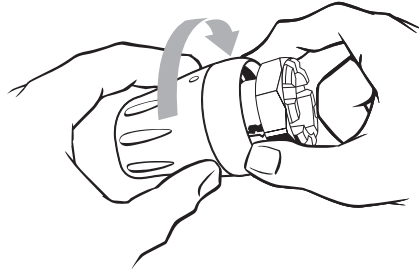


Once installed take off the lock shield cover. Ensure the RLV is open using a 8mm Allen key, then put the cover back on.

## Fitting the radiator thermostat (TRV)

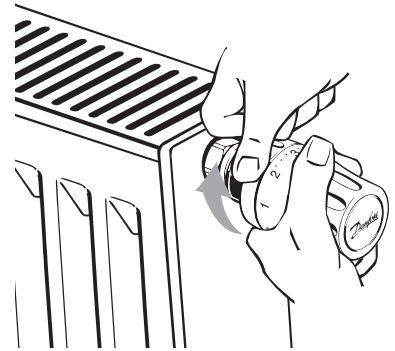


①



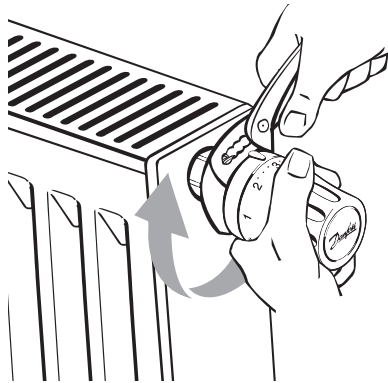
Remove cap from valve and turn sensor to 5.  
Make sure union nut is turned loosely up towards the sensor body until it is only slightly free of the lower part of the sensor body.

②



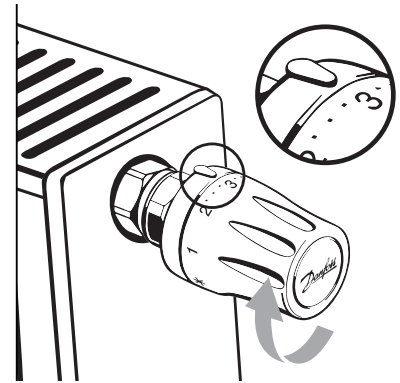
Press the sensor firmly onto the valve.  
**Sensor horizontal:** ensuring that the scale pointer is at top.  
**Sensor vertical:** ensuring that the scale pointer is at the front.

③



Whilst holding the sensor firmly on the valve secure connection by turning the union nut clock-wise by hand. Whilst still holding the sensor firmly on the valve fully tighten the metal union.

④



Set desired room temperature.

### Removing the Sensor:

Turn the sensor to max. position 5.  
Turn union nut anti-clockwise to release locking mechanism.

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### HOME thermostat set:

| Radiator Sensor (TRV) | Fits on:                      | Valve           | Product Code |
|-----------------------|-------------------------------|-----------------|--------------|
| RTW- RA               | Danfoss                       | RLV-KS Angle    | 013G6502     |
|                       |                               | RLV-KS Straight | 013G6503     |
| RTW-K                 | Honeywell, Heimeier, Oventrop | RLV-KS Angle    | 013G6504     |
|                       |                               | RLV-KS Straight | 013G6505     |

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