



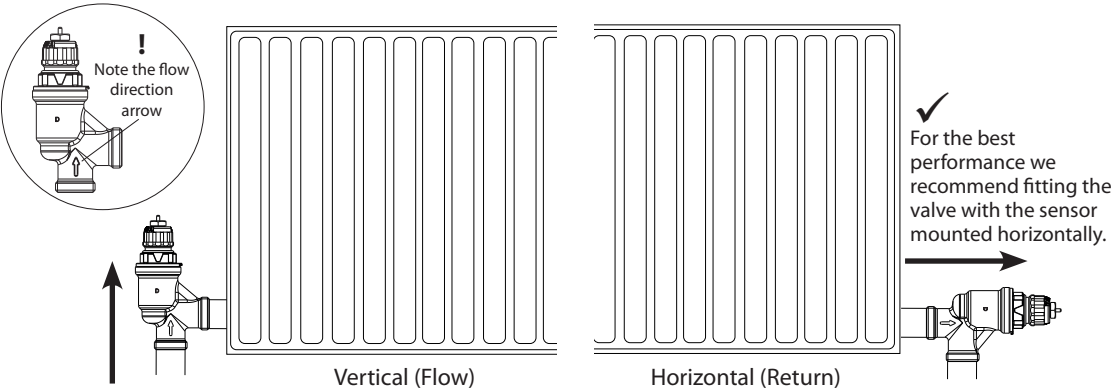
# RAS-B² Instruction

## For Dynamic Radiator Pack and Dynamic TRV Pressure Independent Radiator Valve

Danfoss RAS-B² radiator valve is a pressure independent radiator valve, designed for use in 2-pipe heating systems together with Danfoss TRV. RAS-B² dynamic valves are fitted with a flow limiting device for presetting of the maximum water flow. The valves are available with maximum water flow of 10 - 135 l/h. RAS-B² has a built-in pressure regulator, which keeps the differential pressure at a constant level of 0.1 bar, maintaining the set flow.

### Installation of valve

The Danfoss RAS-B² radiator valve can be fitted either vertically or horizontally giving the installer total flexibility.



! If you are not installing a Danfoss lockshield valve (supplied in sets code, 013G7662 & 013G7663) ensure that the lockshield is fully open. No balancing on the lockshield/ return pipe.

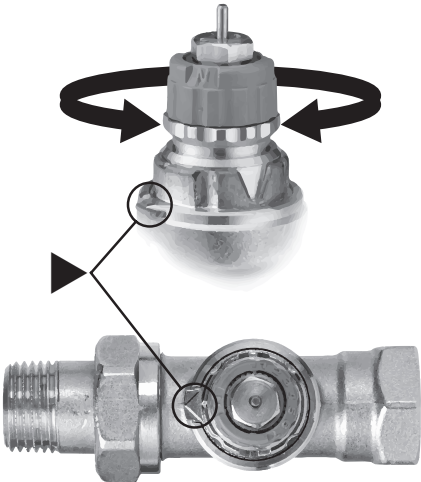
### Presetting

The presetting values of RAS-B² valves can be adjusted easily and accurately without the use of tools (default setting = N).

- Presetting can be selected in steps from 1 to 7:
- Remove protective cap / thermostatic sensor.
  - Find reference mark (►).
  - Turn setting ring until the aquired presetting aligns with the reference mark.

At setting N the valve is fully open. This setting can be used as a flushing position, if the system has to be flushed out because of dirt problems.

When the thermostatic sensor has been installed, the presetting is protected against unintended regulation.



**Keymark reference:** This package contains sensor 013G6040 and valve 013G7677.

RAS-B² Pack Contents:				
Code Number	Sensor	Valve	Lockshield	Fitting Diameter
013G7660	RAS-C²	RA-DV	-	15mm
013G7661	RAS-C²	RA-DV	-	10mm
013G7662	RAS-C²	RA-DV	RLV-D	15mm
013G7663	RAS-C²	RA-DV	RLV-D	10mm

