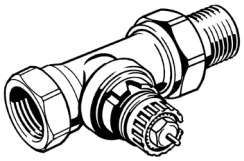
INSTALLATION GUIDE

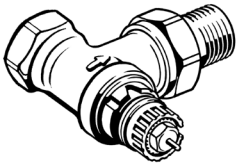
www.na.heating.danfoss.com **013R9055**

RA 2000 Valves

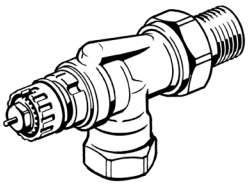
Thermostatic control valves for hot water and 2-pipe low pressure steam systems



Straight valve pattern



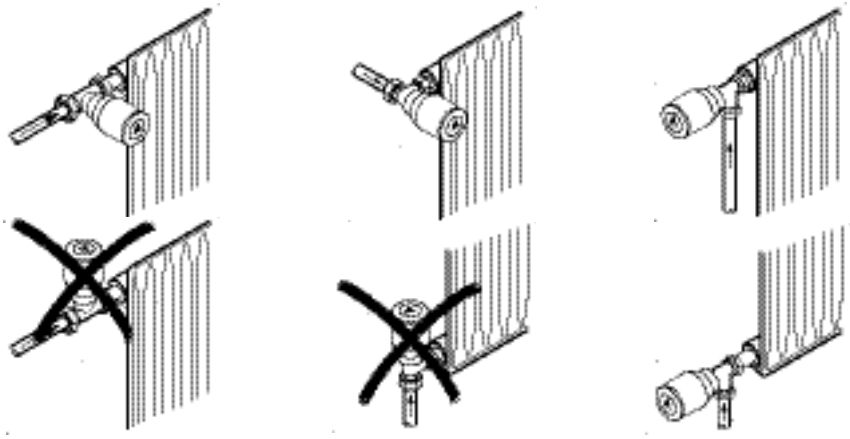
Angle valve pattern



Side mounted valve

1. APPLICATIONS

Thermostatic operator orientation specifically applies to the 013G8250, valve mounted dial and sensor.

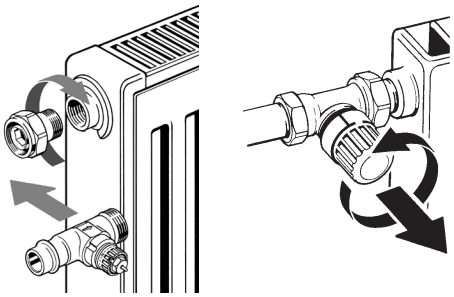


2. INSTALLATION

With a spud wrench install the tailpiece on the radiator inlet (supply).
Observe flow arrow direction on the valve body.

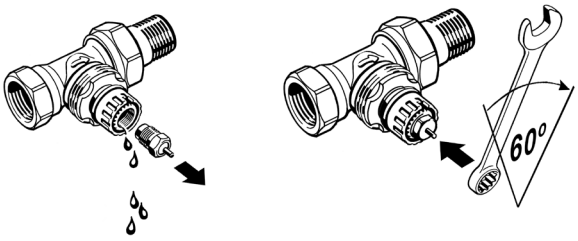
The grey protection cap is used to manually adjust the flow. Remove the cap prior to installing an operator.

Testing:
Max test pressure 232 psig/16 bar
Max water/steam temp. 250°F/120°C



3. REPLACING THE PACKING GLAND

Danfoss recommends the replacement of the packing gland after several years of operator. Replace the packing gland with a 10mm wrench.
Replacement packing gland, code no. 013G0290



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4. STANDARD

Danfossvalves are manufactured to the highest standards and have been independently tested and conform to ASHRAE 102-1983.

5. WARNING

Brass products such as Danfoss valves should not be installed in hydronic heating systems which are being treated with medias that contain - or that during the process of treatment could develop, agents agressive to brass. In concentrations larger than shown, agents such as Ammonia (0.2 mg/l), Mercury (0.01 mg/l), Oxygen (0.05 mg/l), Carbondioxide (0.05 mg/l), Cloride (20 mg/l) must be avoided. Further the pH-value of the fluid in the hydronic heating system in contact with the brass products should not exceed 9.5.

Neglecting the above restrictions may in some circumstances cause damage to the brass in the valve allowing the heating fluid to escape, possibly scalding any bystanders.

6. NOTE

To avoid internal damage and void of warranty mineral oils must not come in contact with EPDM valve components..

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