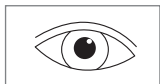


EXCLUSIV H-Module for One-Pipe System



Only allow work on heating and domestic water systems to be performed by qualified personnel and in accordance with the respective applicable regulations, guidelines and rules of engineering.



Refer in particular to:

DIN 18380 Heating systems and central hot water supply systems

VDI 2035 Scale formation in domestic water heating systems and water heating systems

BGV German Professional Association Regulations (accident prevention regulations)

(DIN = The German Institute for Standardisation

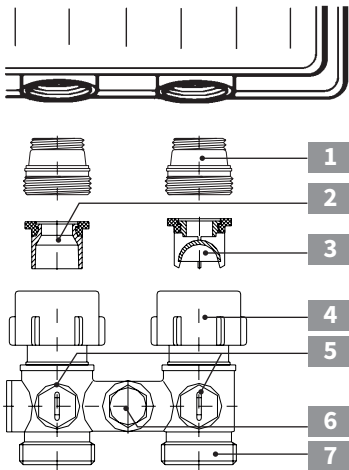
VDI = Association of German Engineers)



EXCLUSIV H-Module for One-Pipe System D1 and E1

for radiators with integrated valve with Rp1/2 female thread

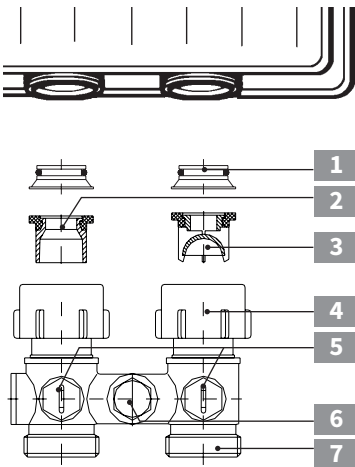
- 1 Connection nipple 1/2" x 3/4" (flat seal)
- 2 Supply flow insert
- 3 Return flow insert (backflow retardant)
- 4 Union nut 3/4"
- 5 Rotary head for ball shut-off (wrench size 13 mm)
- 6 Throttle spindle (Allen key 6 mm)
- 7 3/4" male thread (Euro taper)



EXCLUSIV H-Module for One-Pipe System D2 and E2

for radiators with integrated valve with G3/4 male thread

- 1 Cone insert (press into radiator connection)
- 2 Supply flow insert
- 3 Return flow insert (backflow retardant)
- 4 Union nut 3/4"
- 5 Rotary head for ball shut-off (wrench size 13 mm)
- 6 Throttle spindle (Allen key 6 mm)
- 7 3/4" male thread (Euro taper)



Shut-off

In order to shut off the radiator, both rotary heads **5** must be rotated inwards by 90°, using a spanner wrench size 13 mm or suitable flat-tip screwdriver. The bypass remains open when the radiator is shut off.

One-Pipe Operation

Resistance inside the valve's bypass can be adjusted by using the throttle spindle **6**. The amount of water flowing through the radiator is determined by increasing (turn right) or decreasing (turn left) the resistance inside the bypass, using the throttle spindle (wrench size 6 mm) in accordance with the diagram on the next page.

By factory default, the valve is set to a radiator supply ratio of 35 %.

Caution:

Danger of water leakage when more than 6 turns or rotations are made!

Two-Pipe Operation

When the valve is to be used in two-pipe operation, the throttle spindle **6** must be turned to right until it is fully closed.

This completely shuts off the bypass.

Backflow Retardant

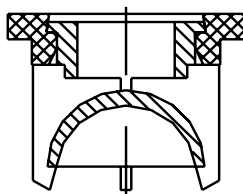
Reduces return heat when the thermostatic valve is closed in one-pipe operation.

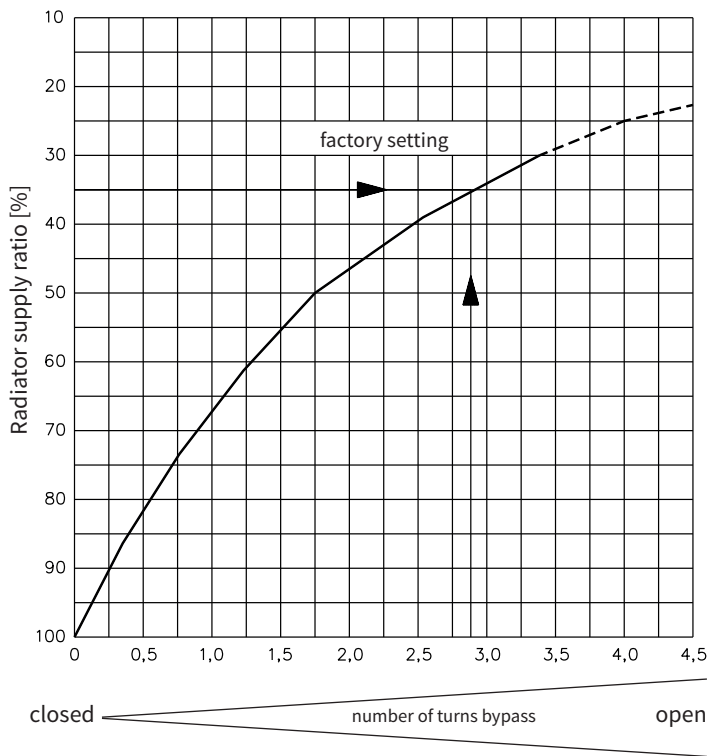
Caution:

The insert with the backflow retardant must always be installed inside the return flow!

By factory default, the backflow retardant is installed on the right (= return flow on the right).

If using return flow on the left: Swap return flow insert **3** and supply flow insert **2**.





turn = left-hand rotation from “closed” position

The illustrations are symbolic and may differ from the respective product.
Errors and technical changes reserved.

01/2017