

# EXCLUSIV H-Module for One-Pipe System



Only allow work on heating and potable 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 potable water heating systems and water heating systems

**BGV** German Professional Association Regulations (accident prevention regulations)

(DIN = The German Institute for Standardisation

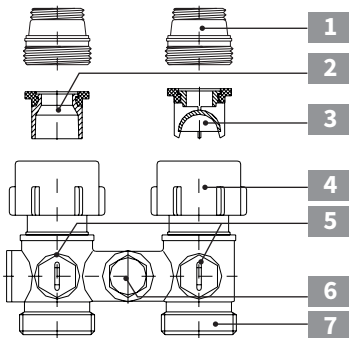
VDI = Association of German Engineers)



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

for radiators with integrated valve with Rp1/2 female thread

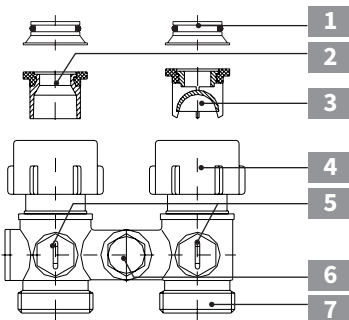
- 1 Connection nipple 1/2" x 3/4" (flat seal)
- 2 Supply flow insert
- 3 Return flow insert (backflow protection)
- 4 Union nut 3/4"
- 5 Rotary head for ball shut-off (wrench size 13 mm)
- 6 Throttle spindle (Allen key 6 mm)
- 7 3/4" male thread (Euro taper)



## 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 protection)
- 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.

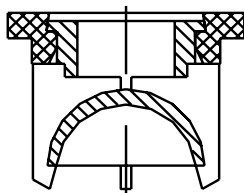
## Backflow Protection

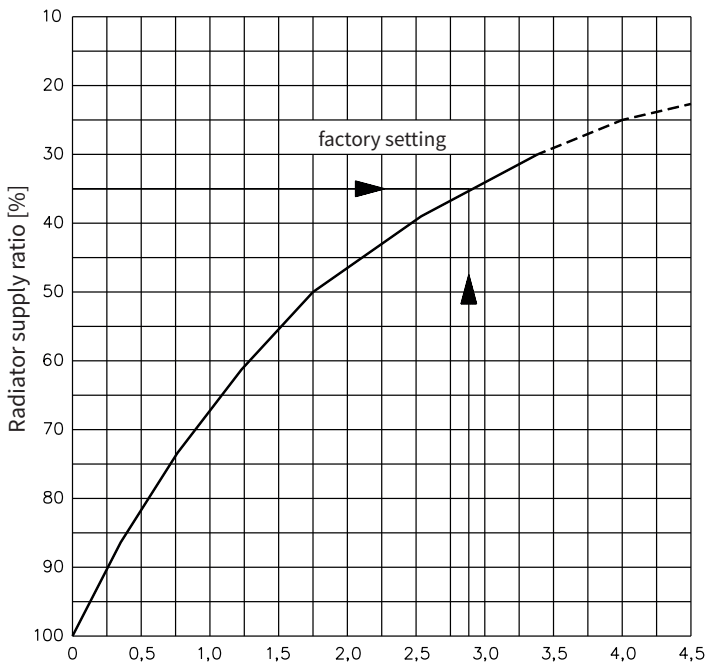
Reduces return heat when the thermostatic valve is closed in one-pipe operation.

### Caution:

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

By factory default, the backflow protection 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**.





closed

number of turns bypass

open

turn = left-hand rotation from “closed” position

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

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**Simplex Armaturen & Systeme GmbH**

D-88260 Argenbühl | Tel. +49 75 66 94 08-0 | Fax. +49 75 66 94 08-75

www.simplex-armaturen.de