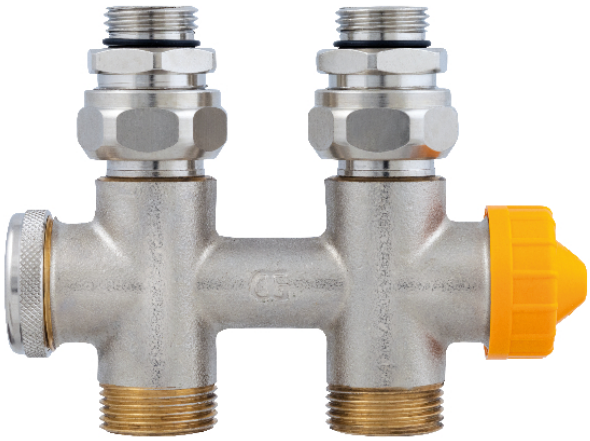


dynamic thermostat combination block

benefits

- automatic control of water volume
- fast hydraulic balancing without calculation of pipe system and measuring instrument
- high reserve due to adjustment range up to 290 l/h
- patented, simple valve insert provides protection against pollution

Application

Suitable for small to large water volumes. For mounting to compact or bathroom radiators with centre connection in dual-pipe heating systems. The dynamic valve range Vario-DP makes hydraulic balancing in single and two family homes an easy and fast job.

Description

Thermostat combination block with threaded connection M30 x 1.5 mm for thermostat control heads and actuators. Mounting cap with valve shut-off function. Adjustment range 20–340 l/h, fully adjustable with standard radiator bleed screw key. Pre-adjustment directly readable without scale.

The patented valve insert with automatic flow limiter automatically limits the water volume adjusted at the valves, independent of pressure variation in the heating system. This means that Vario-DP always supplies the right water volume to the radiator, regardless of the number of open or closed valves in the system. The valve insert can be replaced with the MGV mounting unit at operating pressure without the system having to be drained.

Technical Specifications

System connection
see ordering table

Thermostat head/actuator connection
Threaded connection M 30 x 1.5 mm

adjustment range at 10 kPa
Vario-DP

Adjustment range
20/340 l/h

Nominal pressure
max. 10 bar

differential pressure (Δp)
max.: 70 kPa
min.: 15 kPa

Operating temperature range
Medium: max. 90 °C

Housing
Brass, nickel-plated

Versions

			Version	Version	Nominal diameter	Connection	Flow coefficient Kvs*		Part no.
	Vario-DP	for compact radiators/bathroom radiators with G½ female thread	Straight		DN 15			●	221 075.100
	Vario-DP	for compact radiators/bathroom radiators with G½ female thread	Angled		DN 15			●	221 025.100

● in-stock items

○ Non-stock items