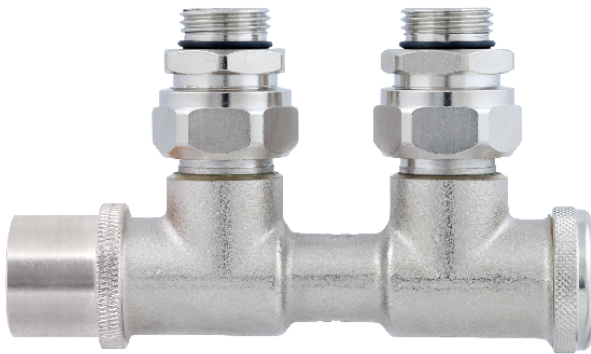




combination block 456-DP E DN15

Part no. 423 021

dynamic combination block

benefits

- automatic control of water volume
- high reserve due to adjustment range up to 290 l/h
- patented, simple valve insert provides protection against pollution
- ideal for energetic renovation of older heating systems

Application

Suitable for small to large water volumes. For installation in dual-pipe heating systems for consumers with integrated valve. The dynamic valve range Vario-DP makes hydraulic balancing in single and two family homes an easy and fast job.

Description

Low-noise, adjustable combination block with drain and shut-off feature. Adjustment range 20 to 340 l/h, fully adjustable with standard radiator bleed screw key. With cap to protect against incorrect operation. 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

adjustment range at 10 kPa

456-DP

Adjustment range

20/340 l/h

Nominal pressure

max. 10 bar

differential pressure (Δp)

max.: 70 kPa

min.: 15 kPa

Nominal diameter

DN 15

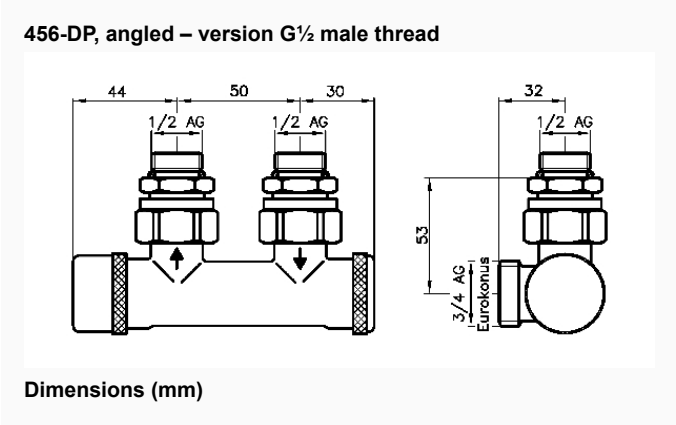
Operating temperature range

Medium: max. 90 °C

Housing

Gunmetal, nickel-plated

Technical Drawings



Versions

		Version	Version	Nominal diameter	Connec- tion	Flow coef- ficient Kvs*	Part no.
456-DP	for com- pact radia- tors with valve with G½ female thread	Angled		DN 15			423 021

- in-stock items
- Non-stock items