

dynamic combination block



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

Operating temperature range

Medium: max. 90 °C

Housing

Gunmetal, nickel-plated

Versions

			Version	Version	Nominal diameter	Connec- tion	Flow coef- ficient Kvs*		Part no.
456-DP	for com- pact radia- tors with valve with G $\frac{3}{4}$ euro- cone	Straight			DN 15				423 070
456-DP	for com- pact radia- tors with valve with G $\frac{3}{4}$ euro- cone	Angled			DN 15				423 020

 in-stock items

 Non-stock items