

Thermostat combination blocks Vario THK



- Fully adjustable
- Valve insert can be replaced without system having to be drained
- Various versions and sizes for virtually any application



Application Suitable for small and medium water volumes. For mounting to compact or bathroom radiators with centre connection in dual-pipe heating systems. Also for installations with copper pipes.

Description Low-noise thermostat combination block with threaded connection M30 x 1.5 mm for thermostat control heads and actuators. Mounting cap with valve shut-off function. Fully adjustable with ES-SV adjustment key. Valve spindle with double O ring seal.

Technical specifications

System connection

G $\frac{3}{4}$ eurocone or G $\frac{1}{2}$ female thread

Thermostat head/actuator connection

Threaded connection M 30 x 1.5 mm

Nominal pressure

Max. 10 bar

Nominal diameter

DN 15

Operating temperature range

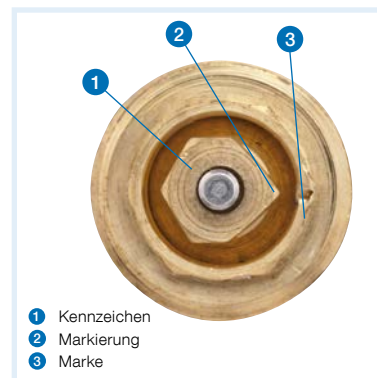
Medium: T_{max} = 120 °C

Housing

Brass, nickel-plated

Valve pre-adjustment

Vario THK thermostat combination blocks are fully adjustable by means of the ES-SV adjustment key, starting with the open position (8 = open), see adjustment key for numbers 1–8. Mark and counter-mark are aligned. Each $\frac{1}{8}$ of a turn corresponds to one flow characteristic, shown in a diagram (see operating instructions).

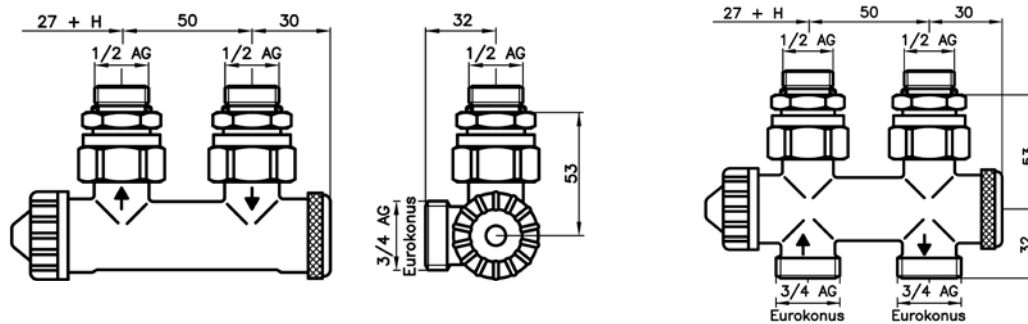


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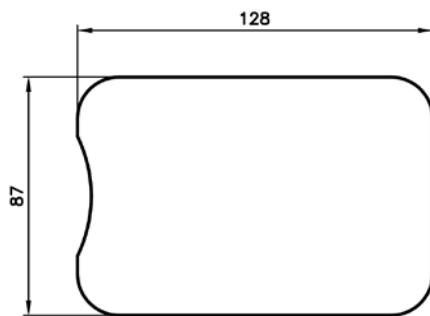
Vario THK

Types and dimensions (mm)

Vario THK S, M – version G $\frac{1}{2}$ male thread







Cover Vario combination block angled/straight



Thermostat combination blocks










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DG: V, PG: 2	Version	Nominal diameter	Radiator connection	Flow coefficient* (m ³ /h)	Flow coefficient NS** (m ³ /h)			Part no.	Price €
Vario THK M for medium water volumes									
	Angled	DN 15	G½ female thread	0.038 - 0.46	0.68	1	-	221 225.101	
	Straight	DN 15	G½ female thread	0.038 - 0.46	0.68	1	-	221 275.101	

* The flow coefficient corresponds to the water flow in m³/h through the valve at a given valve stroke (proportional offset, e.g. 1 K or 2 K) and a differential pressure of 1 bar.

**The flow coefficient NS is the flow coefficient of the valve at nominal stroke (100 % open).

Accessories for thermostat combination blocks Vario THK

DG: V	Description	PG			Part no.	Price €
	Adjustment key ES-SV	1	1	40	140 110.850	
	Valve insert S for DN 15	2	1	-	140 110.221	
	Valve insert M for DN 15	2	1	-	140 210.221	
	Adapter for radiator R$\frac{1}{2}$ female thread Connection: $\frac{1}{2}$ " male x $\frac{3}{4}$ " male eurocone	2	1	-	273 020.040	
	Cover for thermostat combination blocks Vario THK angled or straight, DN 15	1	1	30	220 000.301	
	Filling and draining unit FEV 04 For valve bodies Vario/VarioQ and combination blocks THK/Twin	2	1	-	140 110.870	
	Mounting unit MGV for replacing the valve inserts Vario S-L $\frac{3}{8}$ " – $\frac{3}{4}$ ", standard $\frac{3}{8}$ " – $\frac{3}{4}$ ", V _{max} $\frac{3}{8}$ " – $\frac{1}{2}$ " and old inserts of the Gampper series V, VV, VF.	2	1	2	140 110.860	