

RT212 Thermostatic Radiator Valve

Including Lockshield and Pushfit Packs

Application

Suitable for domestic heating, providing individual room temperature control with either compression connection 8mm, 10mm, 15mm or pushfit connection provides a means of connection to plastic and copper pipe. Suitable for plastic pipes 15mm within +/- 0.1mm of nominal size (BS7291 Class S) and copper pipe to BS EN 1057.

The pushfit connection is suitable for use on central heating systems and can withstand temperatures up to 110°C intermittently for short periods.

Meeting standards

The RT212 range of thermostatic radiator valves meet with the stringent new European standard EN215 and are manufactured in factories assessed and certified to BS EN ISO 9001.

Lockshield valve

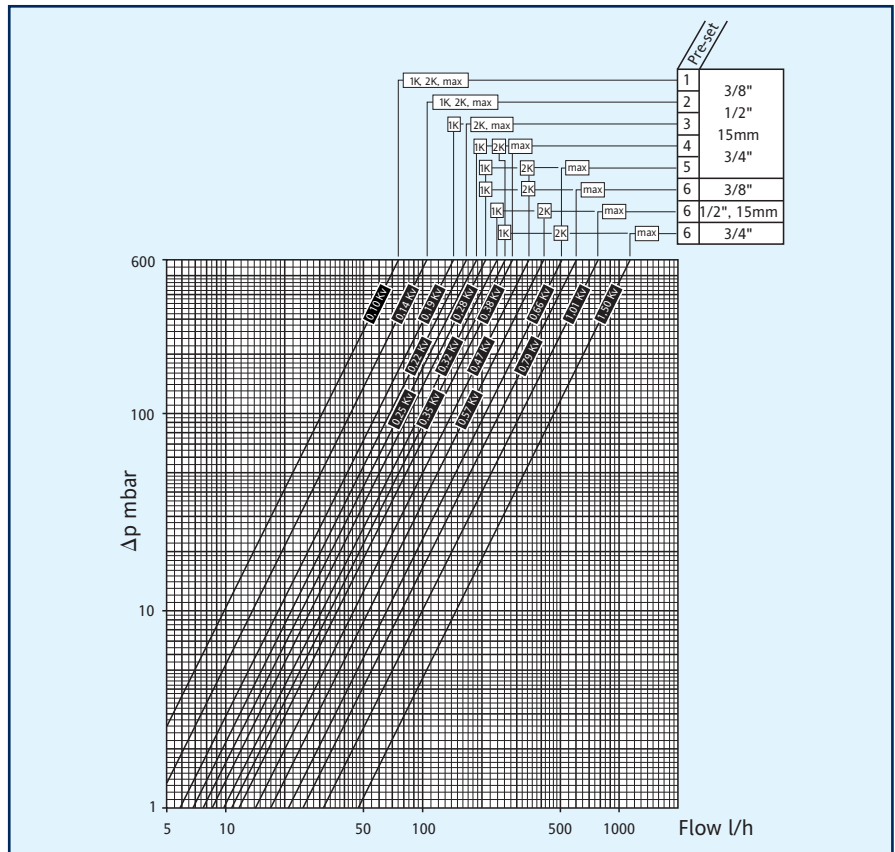
The lockshield valve is approved to BS 2767-10. The valve is fitted on the opposite end of the radiator to the TRV and is solely used by the installer to regulate the flow of water/balance the system, or to isolate the radiator.

Connections

Compression fittings to BS EN 1254-2
1/2" BSP threaded radiator connections to BS 21.

Materials

Sensing head ABS
Valve Body Chrome plated brass
Pushfit connection Polyketone or brass and stainless steel



The RT212 range – Range/ Kv Values – Valve Bodies

	Pre-setting Nr.	Kv (1K)	Kv (2K)	Kvs (max)	Max. Δp	α (2K)
EB 8,	1	0.10	0.10	0.10	0.6 bar	-
	2	0.14	0.14	0.14	0.6 bar	-
10,	3	0.19	0.22	0.22	0.6 bar	-
	4	0.25	0.35	0.38	0.6 bar	0.16
	5	0.28	0.47	0.66	0.6 bar	0.48
	6	0.32	0.57	1.01	0.6 bar	0.68

Kv is flowrate in M³/h at a differential pressure of 1 bar

$$Kv = \frac{Q}{\sqrt{\Delta p}}$$

Q = Flowrate M³/h

Δp = Differential pressure bar

NB: 8mm and 10mm valves comprise of a standard 15mm body with reducers.

Technical data

Maximum head temp.	55°C
Maximum test pressure	20 bar at 65°C
Temperature setting range	
Integral sensor	10°C to 27°C
Remote sensor	10°C to 30°C
Hysteresis	Less than 1K
Sensitivity	0.2mm/°C
Maximum flow temperature	
Valve body	110°C
Pushfit connection	92°C
Maximum static pressure	
Bodies with compression fittings	10 bar at 65°C 6 bar at 110°C
Pushfit connection	3 bar at 92°C

Product range

Part no.	Description	Pack qty	Carton qty
RT212 15mm Angle + Lockshield Packs			
08 08 260	RT212 15mm Angle + Lockshield – boxed	1	25
08 08 261	RT212 15mm Angle + Lockshield + 8 & 10mm reducers – boxed	1	25
RT212 15mm Angle + Pushfit Packs			
08 08 211	RT212 15mm Angle + 10mm pushfit chrome elbow – boxed	1	50
08 08 251	RT212 15mm Angle + 15mm pushfit chrome elbow – boxed	1	50
08 08 250	RT212 15mm Angle + 15mm pushfit plastic elbow – boxed	1	50
RT212 15mm Angle + Lockshield + Pushfit Packs			
08 08 262	RT212 15mm Angle + Lockshield + 15mm pushfit chrome elbows – boxed	1	25
08 08 263	RT212 15mm Angle + Lockshield + 10mm pushfit chrome elbows – boxed	1	25



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