

Thermostatic Radiator Valve

All Chrome



Britain's best selling range of thermostatic radiator valves set the standards for design, performance and quality.

Introducing the All Chrome TRV4 with pushfit and standard compression connections to suit most domestic and commercial heating systems.

TRV4 Thermostatic Radiator Valve

All Chrome

Application

Suitable for domestic radiators and towel rails, providing an elegant chrome finish with either compression connections 15mm, 10mm, 8mm, or pushfit connection providing 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 TRV4 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.

The TRV4 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

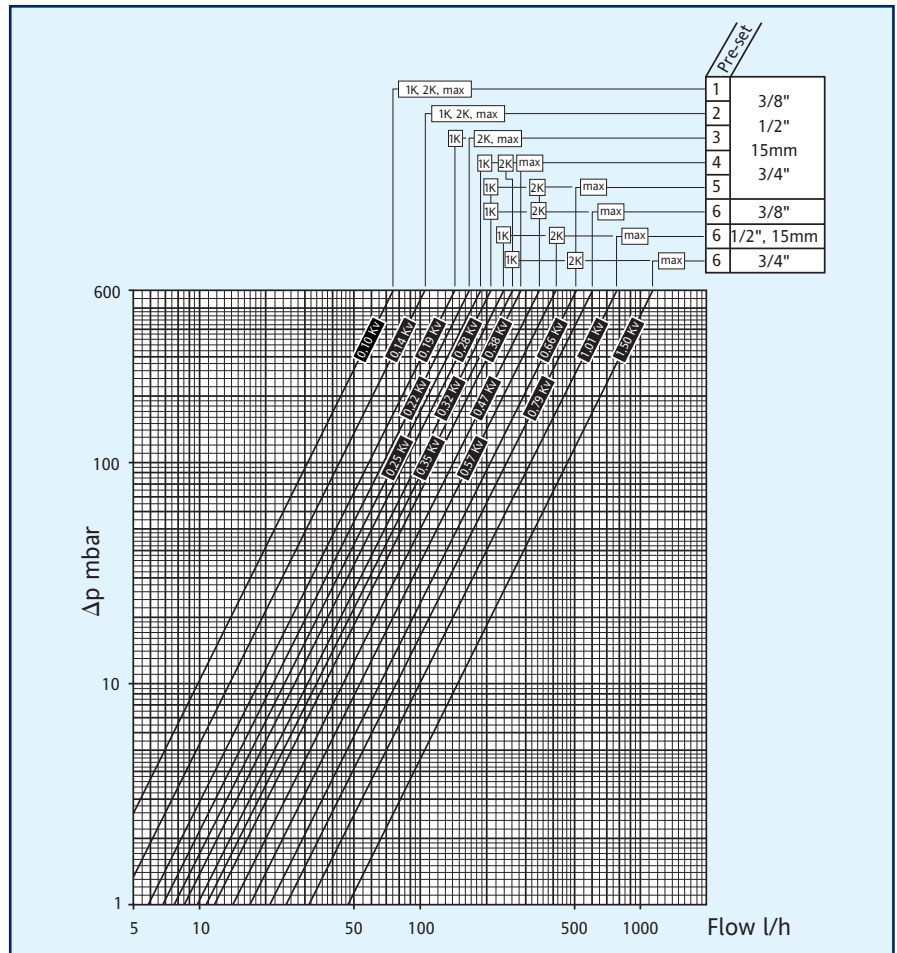
NB: 8mm and 10mm valves comprise of a standard 15mm body with reducers.

Connections

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

Materials

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



Technical data

Maximum head temperature	50°C
Maximum test pressure	20 bar
Frost protection	Below 8°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
All Chrome heads only			
07 03 013	TRV4 Integral Head – All Chrome – UK – Drayton – boxed	1 off	100
07 03 013E	TRV4 Integral Head – All Chrome – UK – Drayton – EUROPE – boxed	1 off	100
All Chrome head and 15mm body			
07 05 150C	All Chrome TRV4 15mm Angle – boxed	1 off	50
07 05 151C	All Chrome TRV4 15mm Straight – boxed	1 off	50
All Chrome head and 15mm body			
07 05 085	TRV4 All Chrome Integral Head and 15mm Angle – blister pack	1 off	40
07 05 086	TRV4 All Chrome Integral Head and 15mm Straight – blister pack	1 off	40
All Chrome head and 15mm body + Lockshield + Chrome cap			
07 05 170	TRV4 All Chrome Integral Head + 15mm Angle + Lockshield + Chrome cap – blister pack	1 off	40
07 05 171	TRV4 All Chrome Integral Head + 15mm Straight + Lockshield + Chrome cap – blister pack	1 off	40

