





GENERAL DATASHEET

BOSS Thermostatic Radiator Valve and Lockshield Valve for copper and steel tube

FEATURE	DESCRIPTION				
BSS Sales Code	49340260				
TRV Valve Body connections	Inlet - Rp $\frac{1}{2}$ c/w 15mm nipple (G $\frac{1}{2}$ B) and olive Outlet - R $\frac{1}{2}$				
Lockshield Valve Body connections	Inlet - Rp $\frac{1}{2}$ c/w 15mm nipple (G $\frac{1}{2}$ B) and olive Outlet - R $\frac{1}{2}$				
Operating Temperature Range – Settings	1	2	3	4	5
	11-13 °C	15-17 °C	19-21 °C	23-25 °C	27-29 °C
Frost Setting	Setting ‘*’ : 7°C				
Positive Shut-off	Setting ‘0’				
Temperature Range Control	Range limiting and locking provided				
Valve Body Mounting	Vertical				
Maximum water temperature (10 bar)	120 °C				
Maximum system pressure (120 °C)	10 bar				
TRV Approval	EN215				
Lockshield Valve Approval	BS 2767-10				
Kv at 1 bar nominal	1.17 (forward flow) 1.4 (reverse flow)				
Manufacturing Standard	ISO 9001:2000				
Application suitability	Copper tube to BS EN 1057 Steel tube to EN 10255 (BS 1387) Suitable for reverse flow (see Kv) Maximum differential pressure: 0.6bar				
Product Images					
	1/2"/15mm x 1/2" TRV		1/2"/15mm x 1/2" Lockshield		



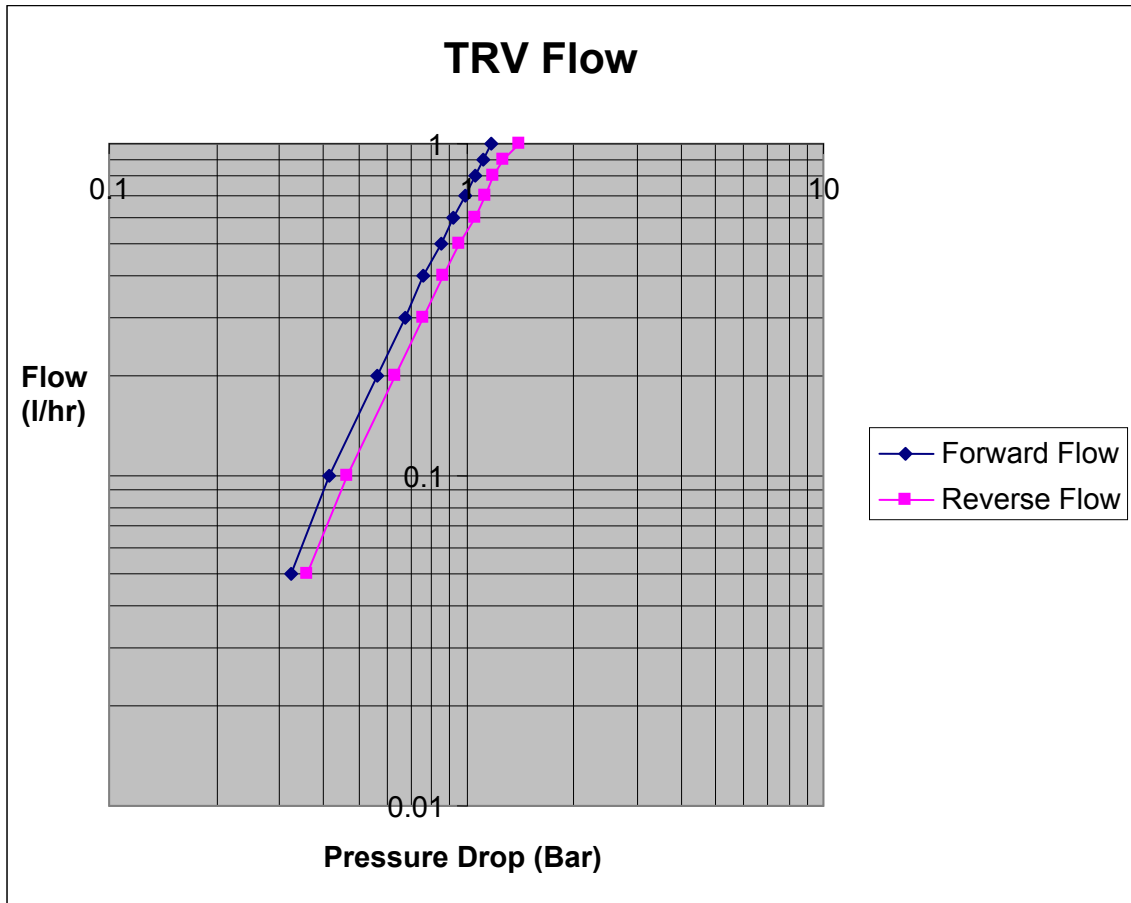
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FEATURE	BENEFIT
Caters for both copper and screwed steel tube pipework	Allows flexibility in installation for commercial applications
Pack includes matching lockshield valve	Ensures maximum convenience for installer when fitting valves to heat emitters
TRV designed for reverse flow conditions	Ensures quiet operation when site conditions make it difficult to identify heating flow direction
Adjustable temperature range 11°C – 29°C	Allows flexibility in setting comfort levels and optimises energy efficiency
Temperature range locking	Allows user to customise temperature settings. Prevents over or under heating in public areas & optimises energy efficiency
Positive shut-off at setting '0'	Enables the heat emitter to be removed for decorating without draining the whole system
TRV approved to EN 215	Meets international standards of guaranteed thermal and hydraulic performance to ensure consistent comfort levels
Separate frost setting (7°C)	Prevents damage to pipes and heat emitters in cold weather
Polished chrome plate finish	Adds aesthetic appeal in any setting
Manufactured to ISO 9001: 2000	Manufactured to international quality standards - guaranteed quality and reliability

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TRV Flow Characteristic



Kv at 1 bar nominal: 1.17 (forward flow)
1.4 (reverse flow)