

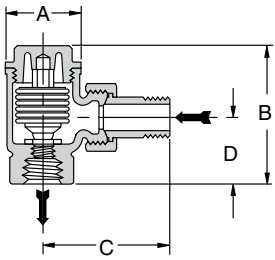


TS Series Radiator Traps

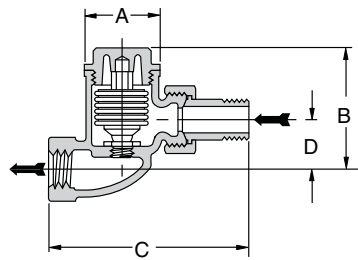
Bronze

For Pressures to 4,5 bar...Capacities to 730 kg

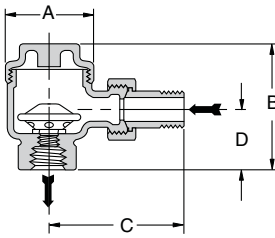
Steam Trapping and Steam Tracing Equipment



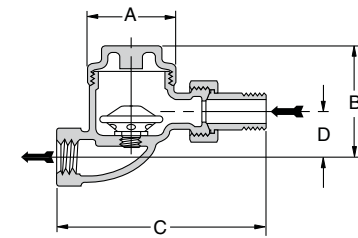
TS-2 Trap Angle Type



TS-2 Trap Straight Type



TS-3 Trap Angle Type



TS-3 Trap Straight Type

Armstrong Series TS radiator traps are offered in both angle and straight patterns. The TS-2 has a balanced pressure thermostatic element with a high quality multiple-convolution bellows. It's ideal for draining equipment such as steam radiators and convectors, small heat exchangers, unit heaters and steam air vents. The TS-2 comes with a strong, cast bronze body and a stainless seat. The valve and seat are renewable in-line.

The TS-3 is a heavy duty, wafer type trap for the drainage of all types of steam radiators and convectors. Its wafer design is well suited to systems prone to water hammer, which may damage conventional bellows type units. The TS-3 is repairable in-line and has an all-stainless steel wafer element.

Materials

Cap:	Bronze, ASTM B 62
Body:	Bronze, ASTM B 62
Union Nipple:	Brass, ASTM B 584
Valve:	
Model TS-2:	Brass
Model TS-3:	Stainless steel
Valve Seat:	Stainless steel
Element:	
Model TS-2:	Phosphor-bronze bellows
Model TS-3:	T-316 SS Wafer w/T-304 SS Housing

Connections

Screwed BSPT and NPT

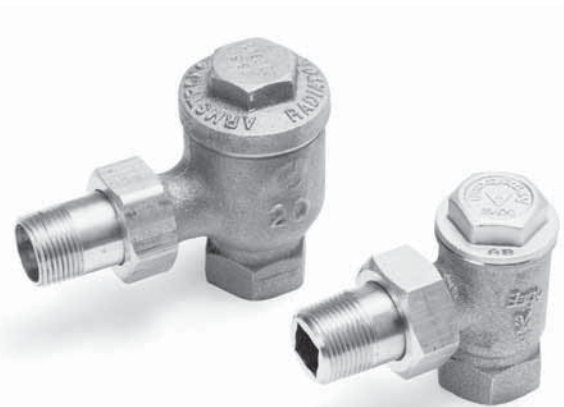
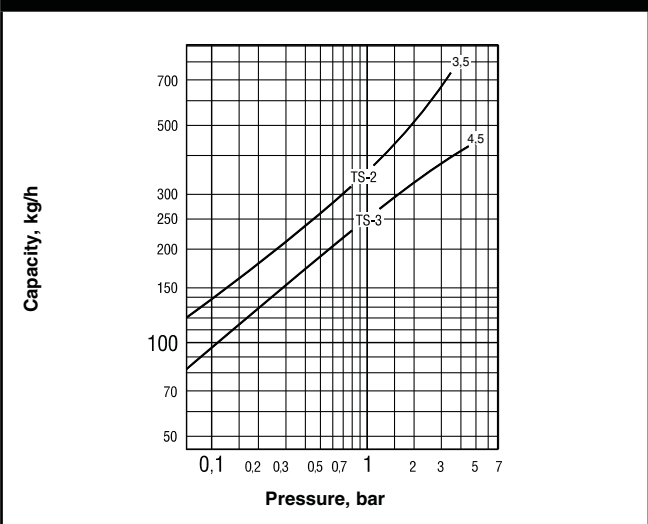


Table ST-182-2. TS Series Capacity



Maximum Operating Conditions

Maximum allowable pressure (vessel design):	
Model TS-2:	3,5 bar @ 149°C
Model TS-3:	4,5 bar @ 157°C
Maximum operating pressure:	
Model TS-2:	3,5 bar
Model TS-3:	4,5 bar
Maximum back pressure:	99% of inlet pressure

Table ST-182-1. TS Series Radiator Trap (dimensions in mm)

Model	TS-2				TS-3					
	Angle		Straight		Angle		Straight			
Type	15	20	15	20	15	20	25	15	20	25
Pipe Connections	15	20	15	20	15	20	25	15	20	25
"A" Diameter	41,3	41,3	41,3	41,3	50,8	50,8	60,3	50,8	50,8	60,3
"B" Height	74,6	76,2	68,3	73,0	73,0	92,1	98,4	66,7	85,7	88,9
"C"	65,1	73,0	101,6	114,3	79,4	88,9	105,0	124,0	133,0	165,0
"D"	34,9	41,3	28,6	33,3	34,9	41,3	50,8	28,6	34,9	41,3
Weight in kg (screwed)	0,7	0,8	0,7	0,9	0,7	0,9	1,1	0,7	1	1,4

All models comply with the article 3.3 of the PED (97/23/EC).

All dimensions and weights are approximate. Use certified print for exact dimensions. Design and materials are subject to change without notice.