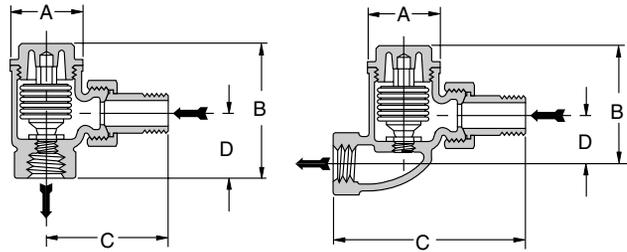


# TS-2/TS-3 Radiator Traps

For Pressures to 65 psig (4.5 bar)...Capacities to 1,600 lb/hr (726 kg)

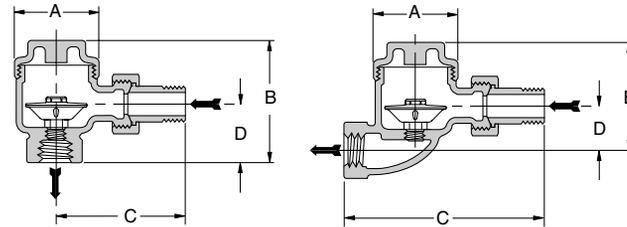


Steam Trapping and  
Steam Tracing Equipment



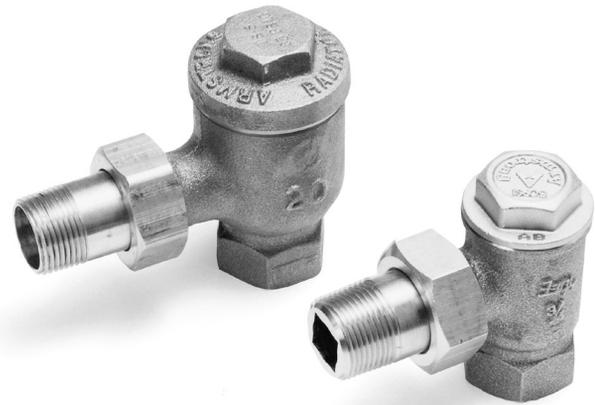
TS-2 Trap Angle Type

TS-2 Trap Straight Type



TS-3 Trap Angle Type

TS-3 Trap Straight Type



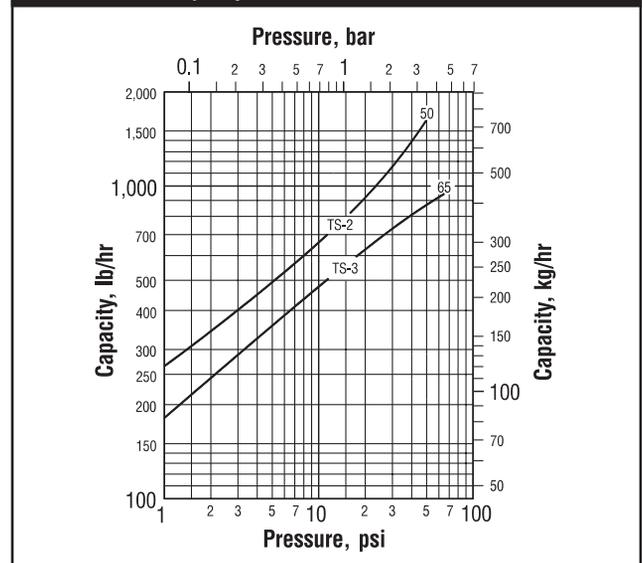
Armstrong Series TS radiator traps are offered in both angle and straight patterns. The TS-2 has a balanced pressure thermostatic element with a high quality multiple-convolution bellows. It's ideal for draining equipment such as steam radiators and convectors, small heat exchangers, unit heaters and 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 B62
Body:	Bronze, ASTM B62
Union nipple:	Brass, ASTM B584
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

Model TS-2/TS-3 Capacity



For a fully detailed certified drawing, refer to:

TS-2 CDY #1045

TS-3 CDY #1046

## TS Series Radiator Traps Physical Data

Model	TS-2								TS-3															
	Angle				Straight				Angle				Straight											
Pattern	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm				
Pipe Connections	1/2	15	3/4	20	1/2	15	3/4	20	1/2	15	3/4	20	1	25	1/2	15	3/4	20	1	25				
"A" Diameter	1-5/8	41	1-5/8	41	1-5/8	41	1-5/8	41	2	50	2	50	2-3/8	86	2	50	2	50	2-3/8	86				
"B" Height	2-15/16	75	3	76	2-11/16	68	2-7/8	73	2-7/8	73	3-5/8	92	3-7/8	98	2-5/8	61	3-3/8	86	3-1/2	89				
"C"	2-9/16	65	2-7/8	73	4	102	4-1/2	114	3-1/8	79	3-1/2	89	4-1/8	105	4-7/8	124	5-1/4	133	6-1/2	165				
"D"	1-3/8	35	1-5/8	41	1-1/8	28	1-5/16	33	1-3/8	35	1-5/8	41	2	50	1-1/8	28	1-3/8	35	1-5/8	41				
Weight, lb (kg)	1-1/2 (0.68)				1-3/4 (0.79)				1-1/2 (0.68)				2 (0.91)				1-1/2 (0.68)				2 (0.91)			
Maximum Allowable Pressure (Vessel Design)	50 psig @ 300°F (3.4 bar @ 149°C)								65 psig @ 315°F (4.5 bar @ 157°C)															
Pressure, psi (bar)	50 (3.4)								65 (4.5)															
Vacuum Ratings	25° Mercury								10° Mercury															

Designs, materials, weights and performance ratings are approximate and subject to change without notice. Visit [armstronginternational.com](http://armstronginternational.com) for up-to-date information.