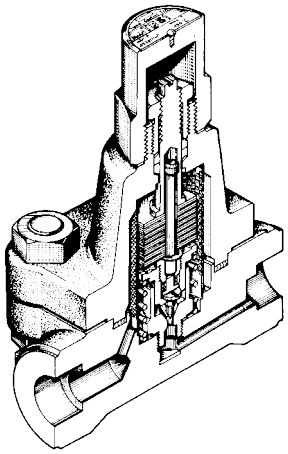
TB51, TB52



Screwed & Socket Weld **Flanged**

Special face-to-face dimensions available.

* **Curve 1** shows the trap's maximum capacity when discharging cold condensate.

** **Curve 2** shows the trap's maximum capacity when discharging hot condensate at a temperature of 10°C (18°F) below the adjusted temperature of the trap.

Standard factory setting:

TB51-45, TB52-45:

180°C at 2,1 MPa; 356°F at 305 psig

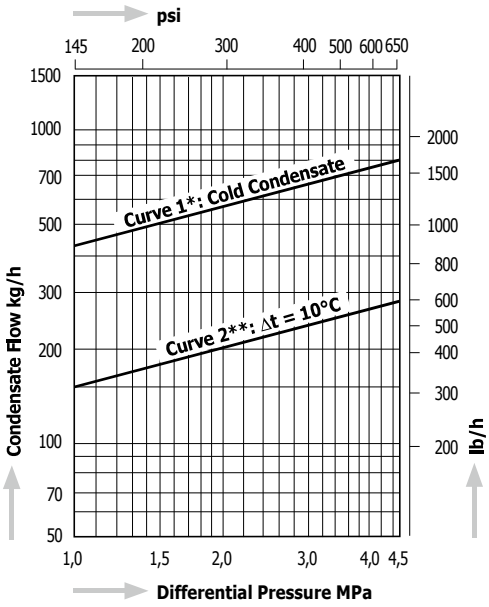
TB51-65, TB52-65:

220°C at 4,4 MPa; 428°F at 638 psig

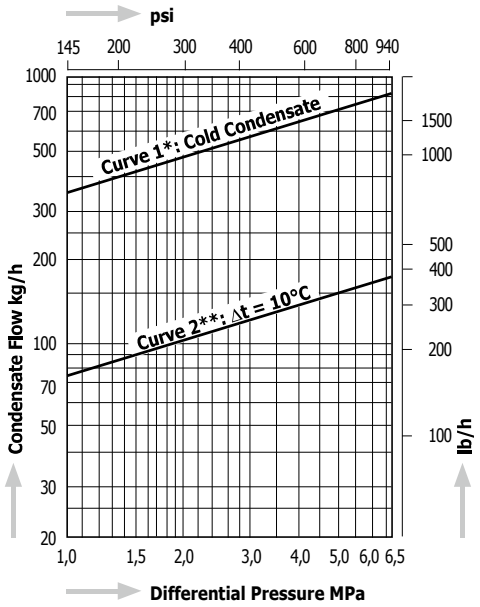
The dashed line

shows the standard factory setting.

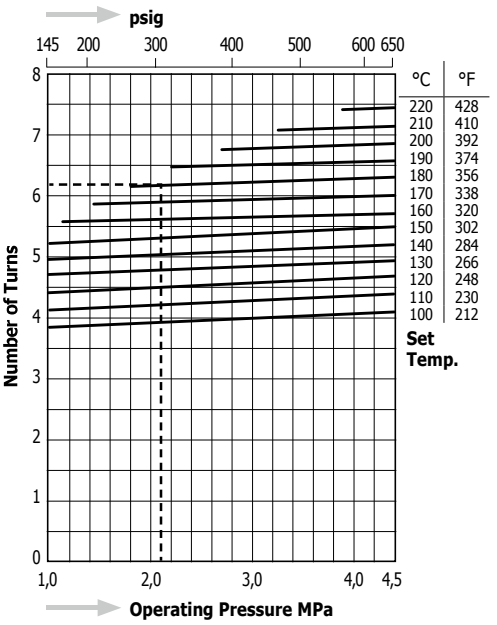
Capacity Chart TB51/52-45



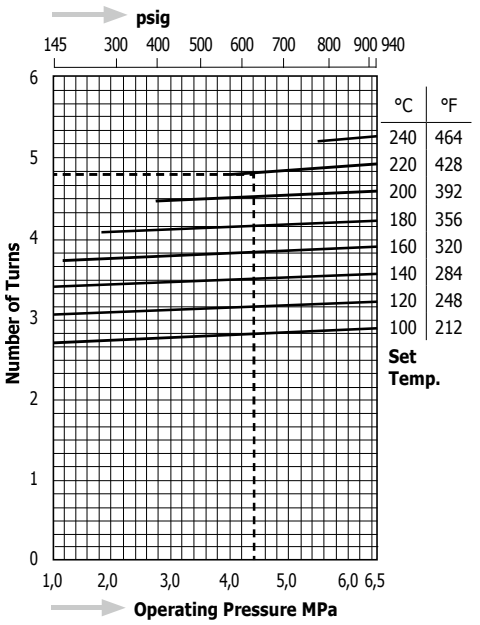
Capacity Chart TB51/52-65



Temperature Stroke Chart TB51/52-45



Temperature Stroke Chart TB51/52-65



Dimensions TB51, TB52 TB51F, TB52F

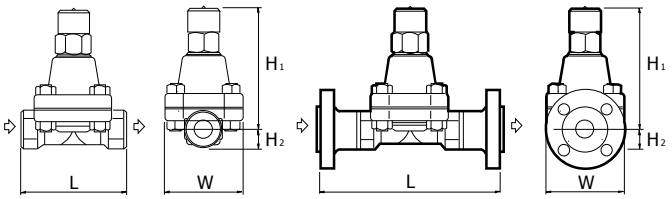


Table 1: Face-to-face dimensions / weights

Model	Size (in)	ASME 600 lb				DIN PN63 / PN100				JIS 63 K / ASME 900 lb			
		mm	in	kg	lb	mm	in	kg	lb	mm	in	kg	lb
TB51F TB52F	½"	200	7.9	7,3	16.1	210	8.3	9,4	20.7	220	8.7	9,6	21.2
	¾"	210	8.3	8,5	18.7	230	9.1	11,4	25.1	230	9.1	11,1	24.5
	1"	240	9.4	9,6	21.2	230	9.1	12,5	27.6	240	9.4	12,1	26.7

Model		Connections	Size	Max. Operating Pressure		Max. Operating Temperature		Adjustable Range		Dimensions (mm)				Dimensions (in)				Body Material	Weight	
				MPa	psig	°C	°F	°C	°F	L	H_1	H_2	W	L	H_1	H_2	W		kg	lb
TB51 (TB52)	45	Screwed Rc, NPT	½" – 1"	4,5	653	425 (475)	800 (887)	100 – 220	212 – 428	130	155	25	100	5.1	6.1	1.0	3.9	Forged Steel A105 TB52: A182 F22	5,7	12.6
	65			6,5	943			100 – 240	212 – 464											
TB51 (TB52)W	45	Socket Weld JIS, ASME, DIN	½" – 1"	4,5	653	425 (475)	800 (887)	100 – 220	212 – 428	130	155	25	100	5.1	6.1	1.0	3.9		5,7	12.6
	65			6,5	943			100 – 240	212 – 464											
TB51 (TB52)F	45	Flanged JIS, ASME, DIN	½" – 1"	4,5	653	425 (475)	800 (887)	100 – 220	212 – 428	Table 1	155	25	100	Table 1	6.1	1.0	3.9		Table 1	Table 1
	65			6,5	943			100 – 240	212 – 464											