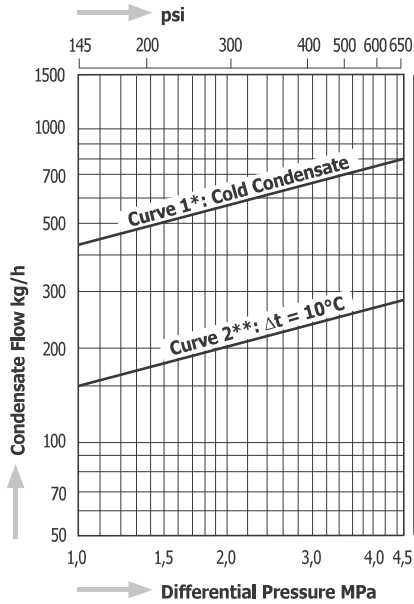
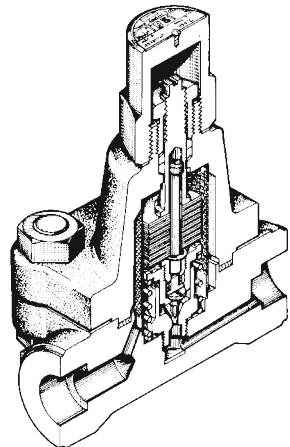
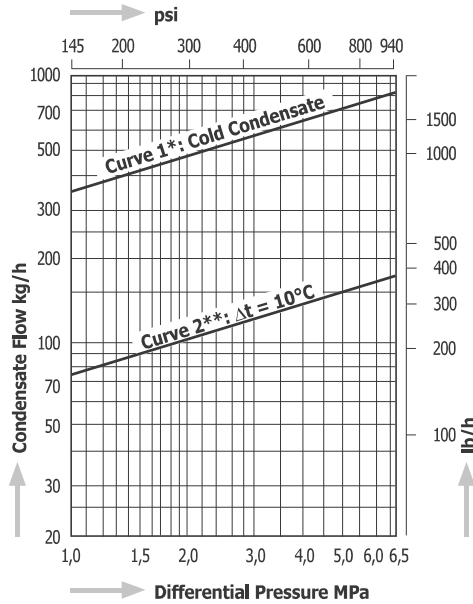


TB51, TB52

Capacity Chart TB51-45, TB52-45



Capacity Chart TB51-65, TB52-65



Basic Type

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.

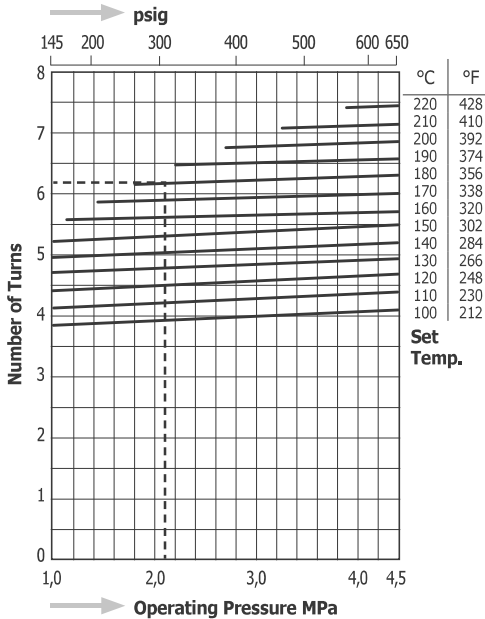
Standard factory setting:

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

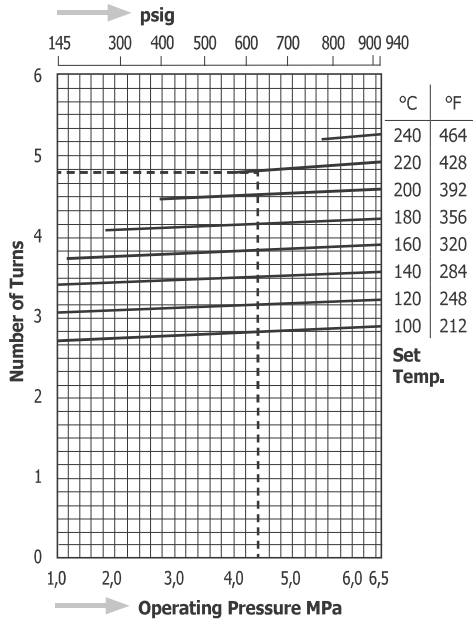
The dashed line

shows the standard factory setting.

Temperature Stroke Chart TB51-45, TB52-45



Temperature Stroke Chart TB51-65, TB52-65



Dimensions TB51, TB52

TB51F, TB52F

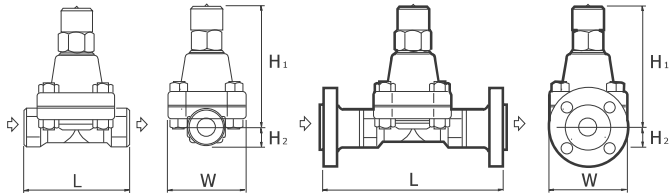


Table 1: Face-to-face dimensions / weights

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	1/2"	200	7.9	7,3	16.1	210	8.3	9,4	20.7	220	8.7	9,6	21.2
	3/4"	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	H1	H2	W	L	H1	H2	W		kg	lb		
TB51 (TB52)	45 65	Screwed Rc, NPT	1/2" - 1"	4,5	653	425	800	100 - 220	212 - 428	130	155	25	100	5.1	6.1	1.0	3.9	Forged Steel A105	5,7	12,6	
				6,5	943	(475)	(887)	100 - 240	212 - 464										5,7	12,6	
TB51 (TB52)W	45 65	Socket Weld JIS, ASME, DIN	1/2" - 1"	4,5	653	425	800	100 - 220	212 - 428	130	155	25	100	5.1	6.1	1.0	3.9		TB52: A182 F22	5,7	12,6
				6,5	943	(475)	(887)	100 - 240	212 - 464											5,7	12,6
TB51 (TB52)F	45 65	Flanged JIS, ASME, DIN	1/2" - 1"	4,5	653	425	800	100 - 220	212 - 428	Table 1	155	25	100	Table 1	6.1	1.0	3.9	Table 1	5,7	12,6	
				6,5	943	(475)	(887)	100 - 240	212 - 464										5,7	12,6	