

Thermodynamic DiscTrap With Thermostatic AirVent

• Features

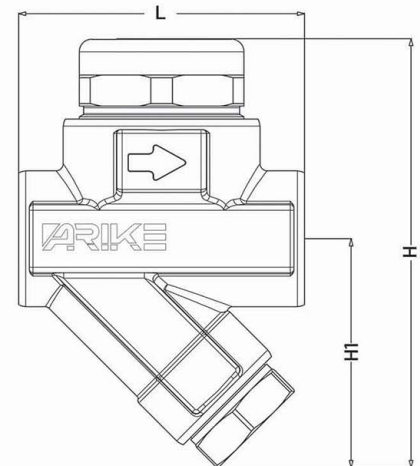
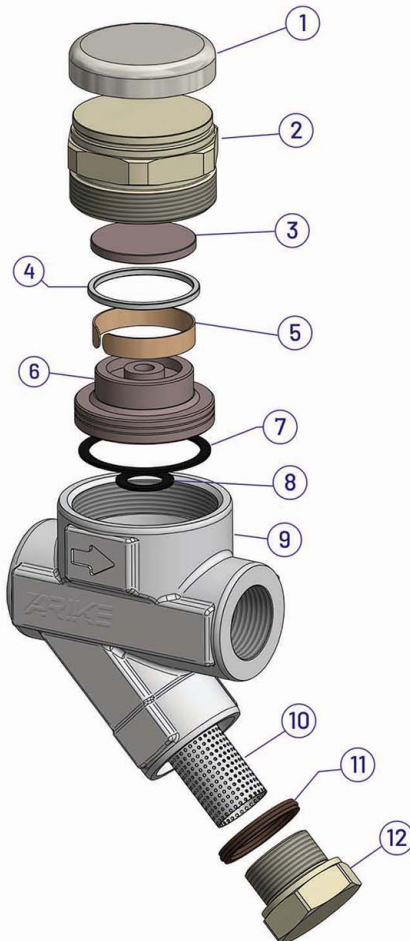
- 1-Inline Replaceable valve module.
- 2-Air jacketing reduces no-load cycling.
- 3- Built – in screen for trouble- free service.
- 4-Bimetal ring provides quick thermostatic air venting.
- 5- Hardened stainless steel working surfaces.

• Applicable Codes and Standards:

Performance testing per ANSI/ASME PTC-39.1.
End connections per ANSI B1.20.1 for threaded ends,
per ANSI B16.11 for socket welding ends.
BS EN 26948:1991

• Construction

Model	TDL P65	
Body Material	Carbon Steel (A105)	A182 F11
Connection	Flanged S.Welded Screwed	
Size (mm)	15, 20, 25 (1/2" 3/4" 1")	
Max. Operating Press.(MPaG) PMO	6.5	
Min. Operating Press. (MPaG)	0.03	
Max. Operating Temp.(°C) TMO	425	
Max. Allowable Press. (MPaG) PMA	10.7 @ 40 C°	11.6 @ 40 C°
Max. Allowable Temp. (Temp°C) TMA	425 @ 6.5 MpaG	425 @ 6.0 MpaG
Max. Back Pressure	80% of inlet Pressure	



• Spare Parts

Item	Item
Replaceable Module	1,2,3,4,5,6
Seat Gasket , Seat	6,7,8
Disc	3
Screen	10
Cap Gasket	11

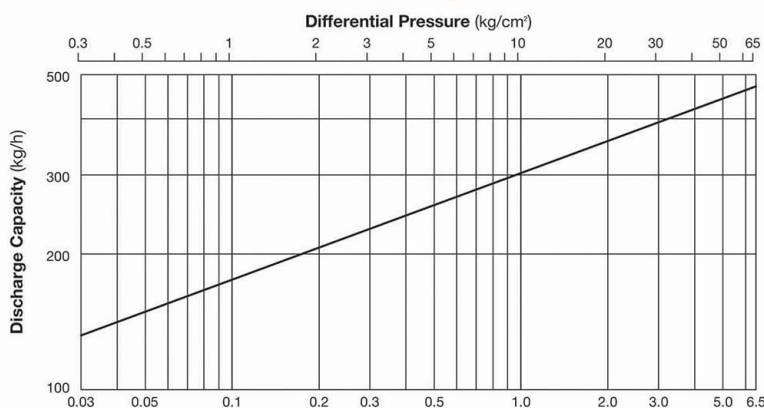
• Tightening torques (Installation Instructions)

Item	Part	Torque(n.m)
2	Bonnet	250
12	Blank	50

• TDL46 -Thermodynamic Steam Trap

Trap Size		Dimensions. [mm]			Weight(kg)
In	DN	L	H	H1	TDG 45
1/2"	15	80	120	62	1,2
3/4"	20				
1"	25				88

• Discharge Capacity



1. Differential pressure is the difference between the inlet and outlet pressure of the trap.
2. Recommended Safety Factor: at least 1.5

• Parts/ Material

Item	Part	Material
1	Air Jacket	Stainless steel 304
2	Bonnet	Stainless steel 420
3	Disc	Stainless steel 420 HT
4	Ring	Stainless steel 420
5	Bimetal Ring	Bimetal
6	Seat	Stainless steel 420 HT
7	Outer Gasket	Graphite /Stainless steel
8	Inner Gasket	Graphite /Stainless steel
9	Body	ASTM A105 / A182
10	Strainer	Stainless steel 316
11	Spiral Gasket	Graphite /Stainless steel
12	Blank Strainer	Stainless steel 304