STEAM TRAP
Model: FT 44

Carbon Steel Ball Float Steam Trap with thermostatic air vent

Description

The FT 44-20 is a carbon steel, Ball Float steam trap that has been designed for various capacities and applications up to 40 barG based on the different density between steam and condensate. Also a thermostatic element insures safe Air vent. As standard the unit is available with either screwed, socket welded or flanged connections.

Features

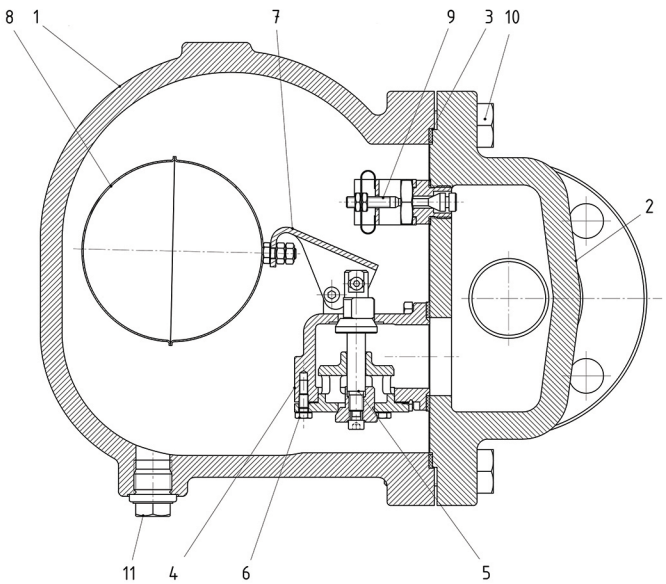
1. Condensate discharge at steam temparature
2. Continuous discharge of condensate
3. Corrosion resistant exterior surface
4. Simple and reliable construction
5. Suitable on superheated steam
6. Fast and safe air vent



Specification

Size	DN 40,50
PMA Maximum allowable pressure (1)	51.1 bar @ 38°c
TMA Maximum allowable temperature (2)	350°c @ 37.6 bar
PMO Maximum operating pressure	40 bar
TMO Maximum operating temperature	300°c
ΔPMX Maximum Differential pressure	20 bar

1: Maximum pressure that the shell of the steam trap can withstand permanently at a given temperature
2: Maximum temperature which the shell of the steam trap can be raised permanently at a given pressure
NOTE To avoid abnormal operation, accidents or serious injury, DO NOT use this product outside of the specification range.



Part list

ITEM	Description	Material
1	Body	ASTM A216 WCB
2	Cover	ASTM A216 WCB
3(s)	Gasket	304/Graphite
4(s)	Seat	AISI 316
5(s)	Valve	AISI 316
6(s)	Screws	Stainless Steel
7(s)	Lever	AISI 316
8(s)	Ball Float	AISI 316
9(s)	Air Vent	Stainless Steel
10	Bolts	SYS 10.9
11	Drain Plug	AISI 304

(s): able to be substituted

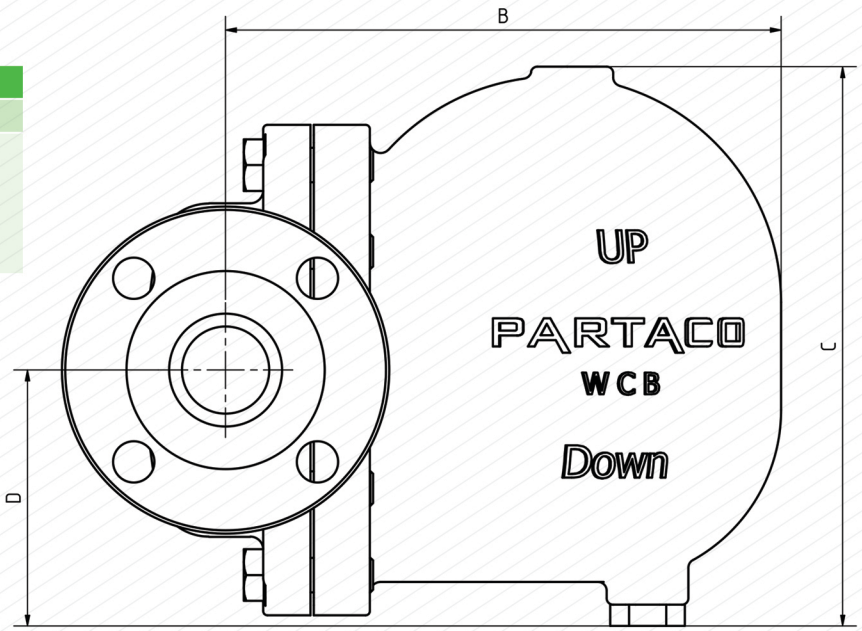
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Dimensions in mm & Weight in kg (approximately)

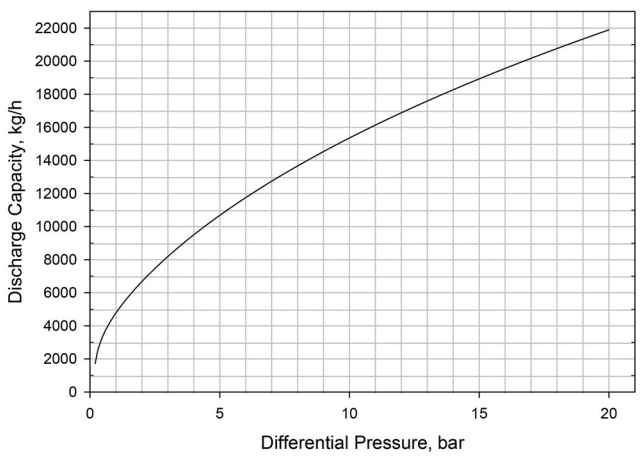
Size	A(End to End), mm		B, mm	C, mm	D, mm	Weight, kg			
	Socket & Screwed	Flanged (Cl 150, 300 & 600)				Socket & Screwed	Flanged		
							Cl 150	Cl 300	Cl 600
$1\frac{1}{2}$"	260	320	258	260	120	34	37	39	41
2							38	40	42

Application code and Standard

Title	Standard
Design	ASME B16.34
Tests	ASME B16.34
	ASTM F1139
	ASME PTC39
	BS EN 26948

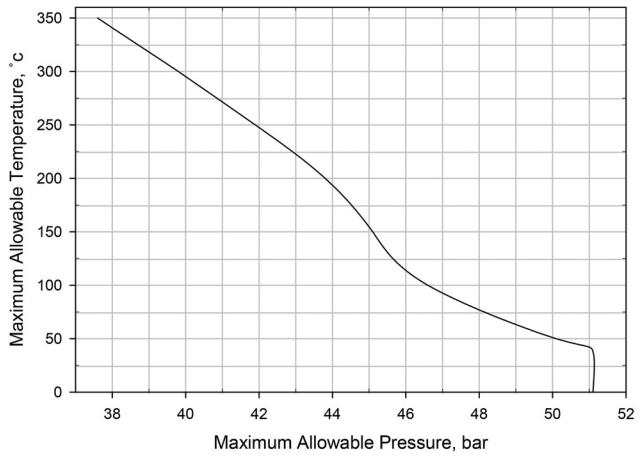


Discharge Capacity



1. Differential pressure is the difference between the upstream and downstream Pressure of the trap.

Pressure-Temperature Allowance



1. This graph is based on ASME standards on pressure-temperature working conditions for ASTM A216 WCB Material.

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