



STEAM SPECIALITIES

FLOAT AND THERMOSTATIC STEAM TRAPS

FLT 16 (1" - DN25)

DESCRIPTION

FLT 16 float and thermostatic (integral air vent) steam traps series are designed for all types of low and medium pressure steam heating and process equipment.

Typical applications include unit heaters, heat exchangers, driers, jacketed vessels and all the applications where continuous drainage is essential. Connections are female screwed or flanged for horizontal or vertical installation.

MAIN FEATURES

Modulating discharge.
Discharges condensate at steam temperature.
Unaffected by sudden or wide load and pressure changes.
Excellent air discharge (by thermostatic air vent).

OPTIONS: Equalizing plug, venting connection and drain plug (or blow-off valve on body).

USE: Saturated and superheated steam.

AVAILABLE

MODELS: FLT 16-4.5 - FLT 16-10 - FLT 16-14.

SIZES: 1" - DN 25.

CONNECTIONS: Female screwed ISO 7/1 Rp (BS21)
Flanged DIN. Special flanges upon request.

INSTALLATION: Standard horizontal installation -
flow from left to right FLT16 (L-R)
See IMI, installation and maintenance instructions.

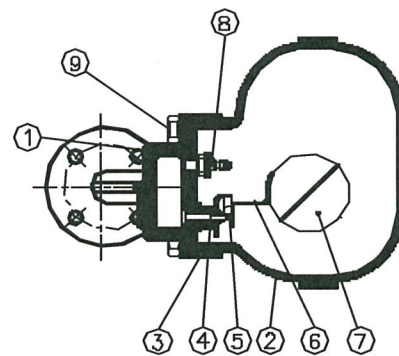
PMA: Max. allowable pressure 16 bar

TMA: Max. allowable temperature 250 °C

PMO: Max. operating pressure 14 bar

TMO: Max. operating temperature 198 °C

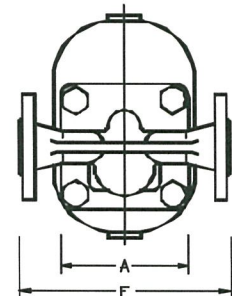
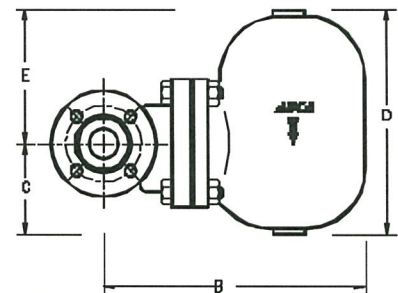
How to order: i.e. FLT16-10 DN 1" BSP.



MATERIALS:

POS.NR.	DESIGNATION	MATERIAL
1	BODY	GGG40
2	COVER	GGG40
3 *	GASKET	NON ASBESTOS
4 *	SEAT	AISI 410
5 *	VALVE	AISI 410
6 *	LEVER	AISI 304
7 *	FLOAT	AISI 304
8 *	AIR VENT	STAINLESS STEEL
9	BOLTS	STEEL 8.8

* AVAILABLE SPARE PARTS



DIMENSIONS (mm)

Max. differential pressure	Screwed Ends						Din Flanges			
	SIZE	A	B	C	D	E	WEIGHT	F	B	WEIGHT
FLT 16-4.5 - 4.5 bar							Kg			Kg
FLT 16 -10 - 10 bar										
FLT 16- 14 - 14 bar	1"	120	195	80	200	110	9	160	245	11,3

FLOW RATE CAPACITY IN Kg/h

MODEL	SIZE	DIFFERENTIAL PRESSURE (bar)												
		0.5	1	1.5	2	3	4,5	6	7	8	9	10	12	14
FLT16-4,5	1"	900	1250	1450	1700	2010	2400							
FLT16-10	1"	390	550	675	790	900	1000	1200	1300	1400	1500	1590		
FLT16-14	1"	250	350	430	500	590	680	800	850	900	950	1000	1100	1150

Recommended safety factor: continuous 1.2 - 1.5; discontinuous flow 2 - 3.

VALSTEAM ENGINEERING S.A.

We reserve the right to change the design and material of this product without notice.



Produced in accordance with Article 3, paragraph 3 of the PED - European Pressure Equipment Directive - 97/23/EC.
Produzido em conformidade com o Artigo 3º, parágrafo 3 da PED -Directiva Europeia 97/23/EC (Decreto-Lei 211/99).

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