



FLOAT AND THERMOSTATIC STEAM TRAPS FLT16 (DN 1/2"- 3/4"; DN15 - DN20)

DESCRIPTION

FLT16 float and thermostatic (integral air vent) steam traps series are designed for all types of low and high 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:	SLR – steam lock release
	Equalizing plug and vent connection.
USE:	Saturated and superheated steam.
AVAILABLE	
MODELS:	FLT16-4,5 , 10 and 14
SIZES:	DN 1/2" to DN 3/4" – DN15 to DN20
CONNECTIONS:	Female screwed ISO7/1 Rp (BS21)
	Flanged EN 1092-2 PN16 or ANSI
INSTALLATION:	Standard horizontal installation -
	From right to left FLT16 (R-L)

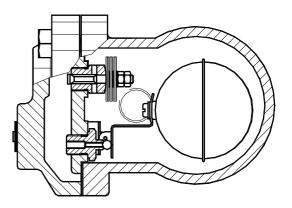
Upon request:

-horizontal installation with the flow from left to right (L-R) -vertical installation with the flow from top to bottom (V) $\,$

MAX. DIFFERENTIAL PRESSURE

FLT16-4,5 :	4,5 bar
FLT16-10 :	10 bar
FLT16-14:	14 bar





BODY LIMITING CONDITIONS						
FLANGED FLANGED PN16* ANSI 150 ** TEMP.						
ALLOW. PRES. ALLOW. PRES.						
15,4 bar	100 ºC					
14,6 bar	150 ºC					
13,8 bar	200 ºC					
12,1 bar	250 ºC					
	FLANGED ANSI 150 ** ALLOW. PRES. 15,4 bar 14,6 bar 13,8 bar					

PMO - Max. operating pressure 14 bar

TMO - Max. operating temperature 198 °C

* According to EN1092-2:2000 ; ** Acc. to EN1759-1:2004 Body limiting conditions PN16 or below, depending on the type of connection adopted. Rating PN16 for thread.

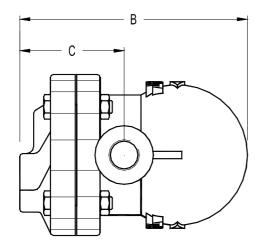
FLOW RATE CAPACITY IN Kgs/h														
MODEL	SIZE		DIFFERENTIAL PRESSURE (bar)											
MODEL	512E	0,5	1	1,5	2	3	4,5	6	7	8	9	10	12	14
FLT16-4,5	15 - 20	200	280	320	360	400	495							
FLT16-10	15 - 20	110	140	175	190	230	280	300	330	350	390	405		
FLT16-14	15 - 20	70	100	120	140	155	190	210	220	225	230	260	280	300

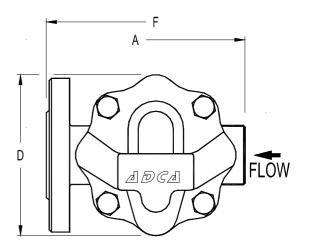
VALSTEAM ADCA

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

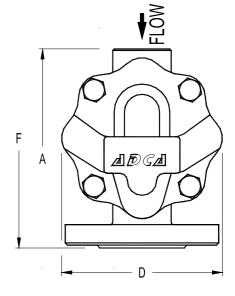








DIMENSIONS (mm)									
Screwed						EN	PN16	ANSI 150	
SIZE DN	A	В	с	D	WGT. Kgs	F	WGT. Kgs	F	WGT. Kgs
15-1/2"	122	150	68	108	3,5	150	4,4	150	3,9
20-3/4"	122	150	68	108	3,5	150	4,9	150	4,1



9	3	8		
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4	5	6	2	7

MATERIALS						
POS.Nr.	DESIGNATION	MATERIAL				
1	Body	GJS-400-15 / 0.7040				
2	Cover	GJS-400-15 / 0.7040				
3	*Gasket	Stainless st. / Graphite				
4	*Seat	AISI 410 / 1.4006				
5	*Valve	AISI 410 / 1.4006				
6	*Lever	AISI 304 / 1.4301				
7	*Float	AISI 304 / 1.4301				
8	*Air vent	Stainless st. (Bimetallic)				
9	Bolts	Steel 8.8				

*Available spare parts.

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