FLOAT AND THERMOSTATIC STEAM TRAPS
FLT17
(1/2" – 1"; DN 15 – DN 25)

ADCA STEAM EQUIPMENT

DESCRIPTION

The FLT17 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.



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 or vent connection.

USE: Saturated and superheated steam.

AVAILABLE MODELS: FLT17-4,5 , 10 and 14 – SG iron.

SIZES: 1/2" to 1"; DN 15 to DN 25.

CONNECTIONS: Female threaded ISO 7 Rp or NPT.
Flanged EN 1092-2 PN 16.
Flanged ASME B16.42 Class 150.



INSTALLATION: Standard horizontal installation – from right to left (R-L). See IMI.
On request: Horizontal installation with the flow from left to right (L-R) or vertical with the flow from top to bottom (V).

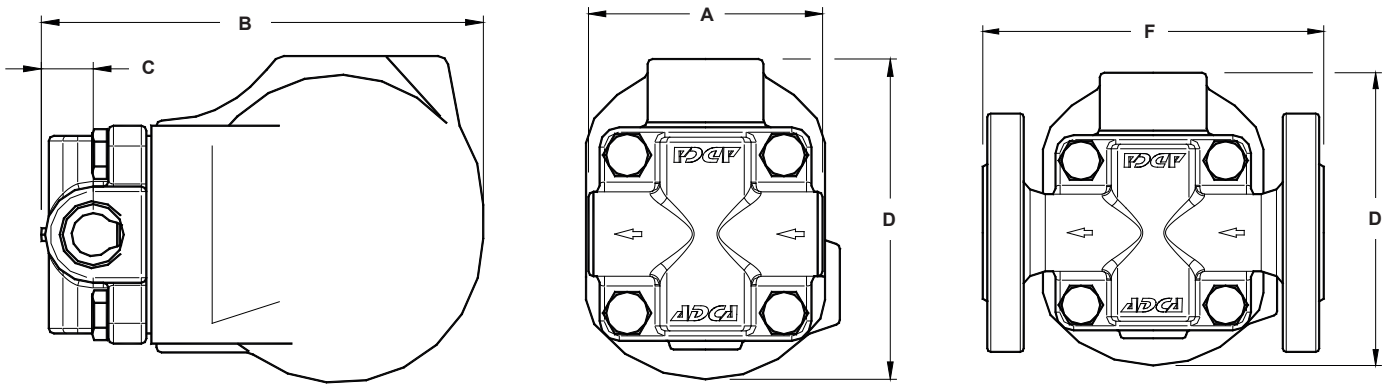
MAX. ΔP: FLT17-4,5 – 4,5 bar
FLT17-10 – 10 bar
FLT17-14 – 14 bar

CE MARKING – GROUP 2 (PED – European Directive)	
PN 16	**Category**
1/2" to 1"– DN 15 to DN 25	SEP

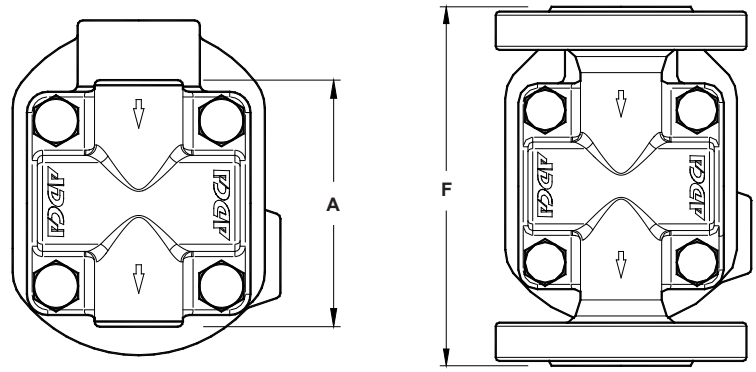
BODY LIMITING CONDITIONS		
FLANGED PN 16 *	**FLANGED CLASS 150 ****	**RELATED TEMP.**
ALLOWABLE PRESSURE	**ALLOWABLE PRESSURE**	
16 bar	15,4 bar	100 ºC
15,5 bar	14,6 bar	150 ºC
14,7 bar	13,8 bar	200 ºC
13,9 bar	12,1 bar	250 ºC

PMO – Maximum operating pressure 14 bar;
TMO – Maximum operating temperature 198 ºC.
* Acc. to EN 1092-2:2018 ; ** Acc. to EN 1759-1:2004.
Body limiting conditions PN 16 or below, depending on the type of connection adopted. Rating PN 16 for threaded version.

FLOW RATE CAPACITY (kg/h)																	
MODEL	**SIZE**	**DIFFERENTIAL PRESSURE (bar)**															
		0,1	**0,3**	**0,5**	**0,7**	**1**	**1,5**	**2**	**3**	**4,5**	**6**	**7**	**8**	**9**	**10**	**12**	**14**
FLT17-4,5	**1/2" to 1" DN 15 to 25**	165	205	230	280	330	400	440	535	630	–	–	–	–	–	–	–
FLT17-10	**1/2" to 1" DN 15 to 25**	110	130	150	170	200	250	280	340	400	460	495	520	550	595	–	–
FLT17-14	**1/2" to 1" DN 15 to 25**	80	100	120	140	150	190	220	260	320	380	400	425	440	480	510	550



Horizontal Installation (R-L)



Vertical Installation (V)

DIMENSIONS (mm)									
THREADED						PN 16		CLASS 150	
SIZE	A	B	C	D	WEIGHT (kg)	F	WEIGHT (kg)	F	WEIGHT (kg)
1/2" – DN 15	95	178	23	128	5,2	150	6,7	150	6,2
3/4" – DN 20	95	178	23	128	5,2	150	7,2	150	6,4
1" – DN 25	95	178	23	128	5,2	160	7,7	160	7,3

MATERIALS		
POS. Nº	DESIGNATION	MATERIAL
1	Body	GJS-400-15 / 0.7040
2	Cover	GJS-400-15 / 0.7040
3	* Gasket	Stainless steel / Graphite
4	* Seat	AISI 410 / 1.4006
5	* Valve	AISI 440C / 1.4125
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.

