

## FLOAT AND THERMOSTATIC STEAM TRAPS

### FLT17

#### (1/2" – 1"; DN 15 – 25)

#### DESCRIPTION

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.

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 or vent connection.

**USE:** Saturated and superheated steam.

#### AVAILABLE

**MODELS:** FLT17-4,5 , 10 and 14.

**SIZES:** 1/2" to 1" – DN 15 to DN 25.

**CONNECTIONS:** Female screwed ISO7/1 Rp (BS21).  
Flanged EN 1092-1/-2 PN16 or ANSI.

**INSTALLATION:** Standard horizontal installation –  
From right to left FLT17 (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

FLT17-4,5 : 4,5 bar

FLT17-10 : 10 bar

FLT17-14: 14 bar

CE MARKING – GROUP 2 (PED – European Directive)	
PN16	Category
DN 15 to DN 25	SEP

FLOW RATE CAPACITY (kg/h)																	
MODEL	SIZE DN	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	15 – 25	165	205	230	280	330	400	440	535	630	–	–	–	–	–	–	–
FLT17-10	15 – 25	110	130	150	170	200	250	280	340	400	460	495	520	550	595	–	–
FLT17-14	15 – 25	80	100	120	140	150	190	220	260	320	380	400	425	440	480	510	550



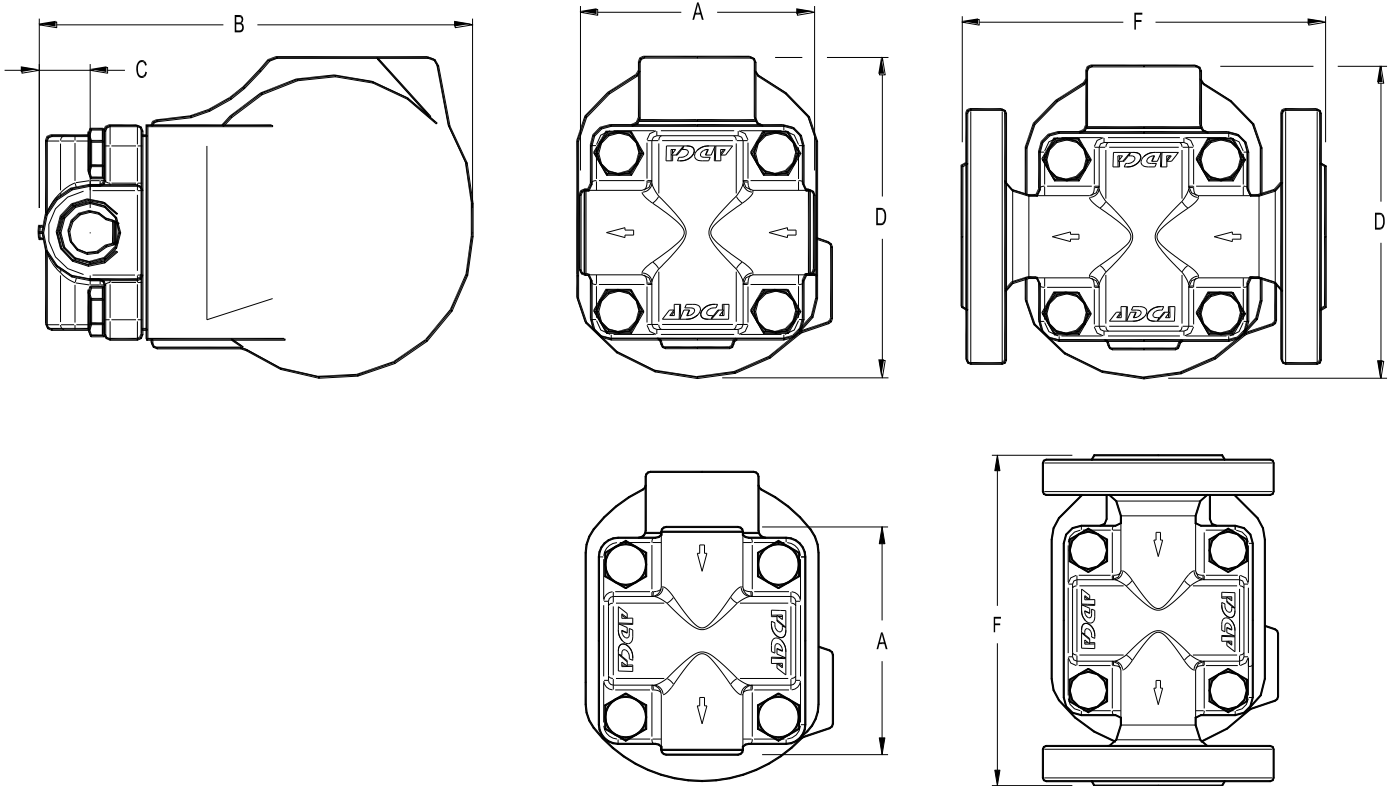
BODY LIMITING CONDITIONS		
FLANGED PN16 *	FLANGED ANSI 150 lb **	RELATED TEMPERATURE
ALLOW. PRESS.	ALLOW. PRESS.	
16 bar	15,4 bar	100 °C
15,5 bar	14,6 bar	150 °C
14,7 bar	13,8 bar	200 °C
13,9 bar	12,1 bar	250 °C

PMO – Max. operating pressure 14 bar

TMO – Max. operating temperature 198 °C

\*Acc. to EN1092-2:2018 ; \*\*Acc. to EN1759-1:2004

Body limiting conditions PN16 or below, depending on the type of connection adopted. PN16 for thread.



**Vertical Installation (V)**

DIMENSIONS (mm)									
SIZE	Screwed					EN PN16		ANSI 150 lb	
	A	B	C	D	WGT. (kg)	F	WGT. (kg)	F	WGT. (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. N°	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.

