

FLOAT AND THERMOSTATIC STEAM TRAPS FLT17LC (1/2" – 3/4"; DN 15 - 20)

DESCRIPTION

The FLT17LC 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: FLT17LC-4,5 , 10 and 14.

SIZES: 1/2" to 3/4" – DN 15 to DN 20.

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

INSTALLATION: Standard horizontal installation –
From right to left FLT17LC (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

FLT17LC-4,5 : 4,5 bar
FLT17LC-10 : 10 bar
FLT17LC-14: 14 bar

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



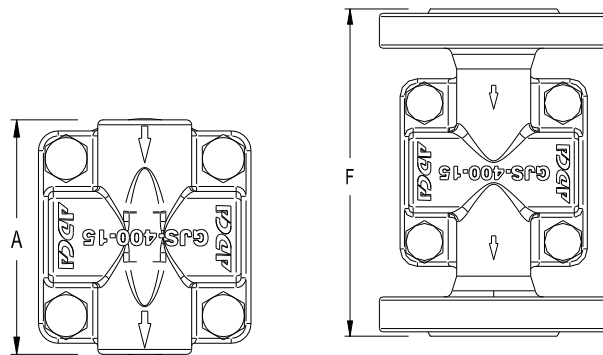
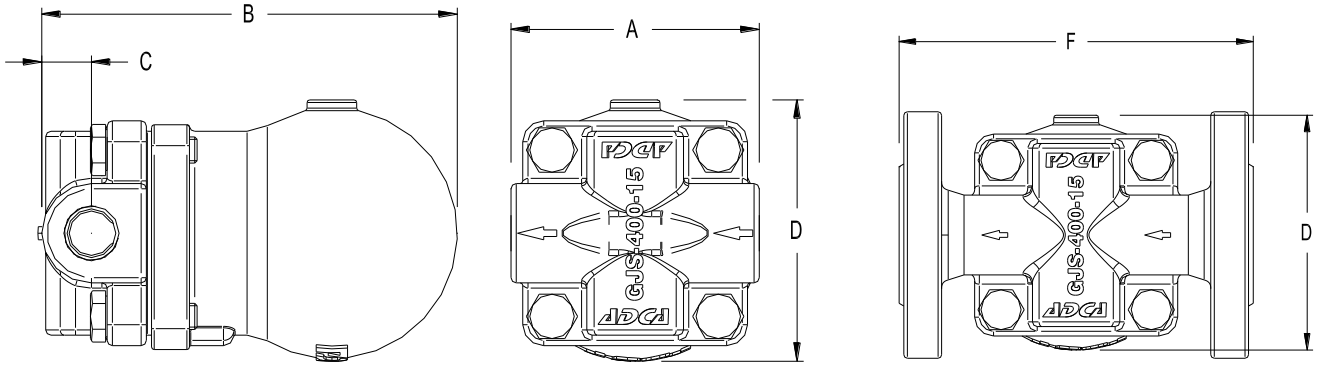
BODY LIMITING CONDITIONS		
FLANGED PN16 *	FLANGED ANSI 150 lb **	RELATED TEMPERATURE
ALLOW. PRESS.	ALLOW. PRESS.	
16 bar	15,4 bar	100 °C
15,5 bar	14,6 bar	150 °C
14,7 bar	13,8 bar	200 °C
13,9 bar	12,1 bar	250 °C

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.

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
FLT17LC-4,5	15 – 20	120	180	200	240	280	320	360	400	495	–	–	–	–	–	–	–
FLT17LC-10	15 – 20	55	90	110	130	140	175	190	230	280	300	330	350	390	405	–	–
FLT17LC-14	15 – 20	40	60	70	90	100	120	140	155	190	210	220	225	230	260	280	300

DIMENSIONS (mm)									
SIZE	Screwed					PN16		ANSI 150 lb	
	A	B	C	D	WGT. (kg)	F	WGT. (kg)	F	WGT. (kg)
1/2" – DN 15	95	160	23	100	3,5	150	5	150	4,5
3/4" – DN 20	95	160	23	100	3,5	150	5,5	150	4,7



Vertical Installation (V)

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 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.

