



Float and Thermostatic Steam Traps

FLT 17 HC (High Capacity)(Cast Iron DN 25 - 1")

Description

FLT 17 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: Internal strainer (only on horizontal models).
SLR - steam lock release .
Equalizing plug and venting connection and drain plug (or blow-off valve on body).
Saturated and superheated steam.

Use :

AVAILABLE

Models :

FLT17HC-4.5 - FLT17HC-10 - FLT17HC-14.

Sizes :

DN 1" - DN 25.

Connections :

Female screwed ISO 7/1 Rp (BS21)
Flanged DIN. Special flanges upon request.
Standard horizontal installation -
flow from left to right FLT17 (L-R)

Installation :

Upon request:

-horizontal installation with the flow from right to left

FLT17 (R-L)

-vertical installation with the flow from top to bottom

FLT17 (V)

See IMI, installation and maintenance instructions.

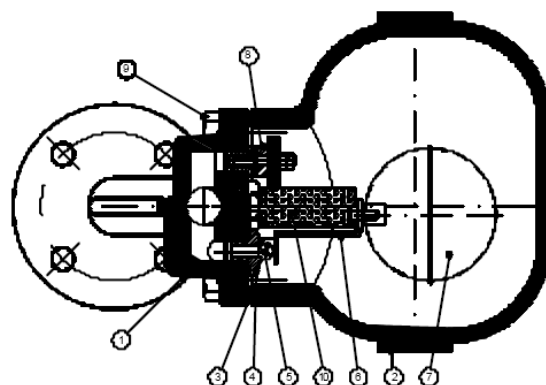
PMA :Max.allowable pressure 16 bar

TMA: Max.allowable temperature 250 °C

PMO: Max.operating pressure 14 bar

TMO: Max.operating temperature 198 °C

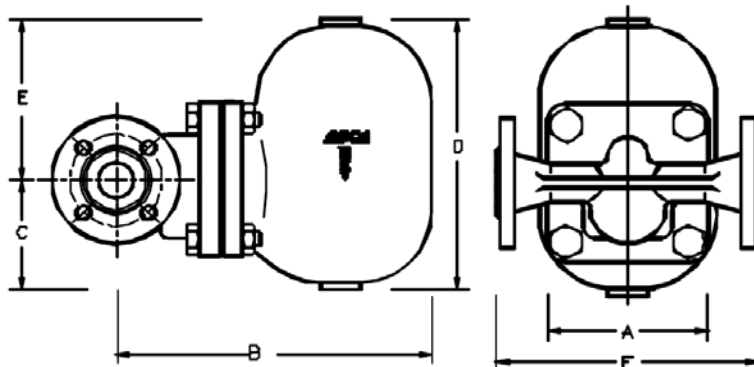
How to order: i.e. FLT 17HC -14 DN 1" BSP.



Materials:

Pos.NR.	Designation	Material
1	Body	GGG 40
2	Cover	GGG 40
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
10	Strainer	AISI 304

* Available Spare Parts



DIMENSIONS (mm)

Screwed Ends							DIN Flanges		
SIZE DN	A	B	C	D	E	WEIGHT Kg	F	B	WEIGHT Kg
1"	120	195	80	200	110	9	160	245	11.3

Max.differential pressure
FLT 17HC- 4.5 - 4.5 bar
FLT 17HC- 10 - 10 bar
FLT 17HC- 14 - 14 bar

FLOW RATE CAPACITY IN Kg/h

		DIFFERENTIAL PRESSURE (bar)													
MODEL	SIZE	0.5	1	1.5	2	3	4.5	6	7	8	9	10	12	14	
FLT17HC-4.5	1"	900	1250	1450	1700	2010	2400								
FLT17HC-10	1"	390	550	675	790	900	1000	1200	1300	1400	1500	1590			
FLT17HC-14	1"	250	350	430	500	590	680	800	850	900	950	1000	1000	1150	

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

INSTALLATION AND MAINTENANCE INSTRUCTIONS FLOAT & THERMOSTATIC STEAM TRAPS

INSTALLATION

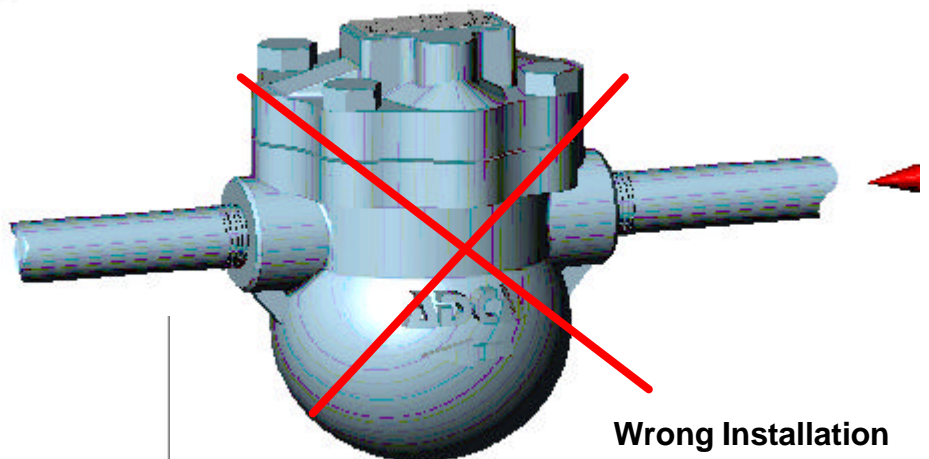
1. Before to install remove plastic covers placed on flanges or connection ends. The equipment has an arrow or Inlet/Outlet designations. Be sure that it will be installed on the appropriate direction.
2. Install the steam trap in the point of the system, where the condensate tends to collect.

It must be installed with the float lever in horizontal plane, so that it rises and falls vertically.

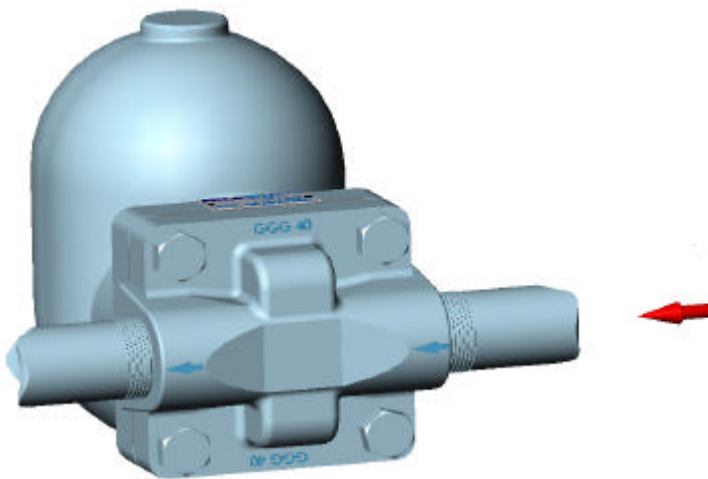
For further maintenance information refer to IMI 1.332 E and IMI 1.335 E.



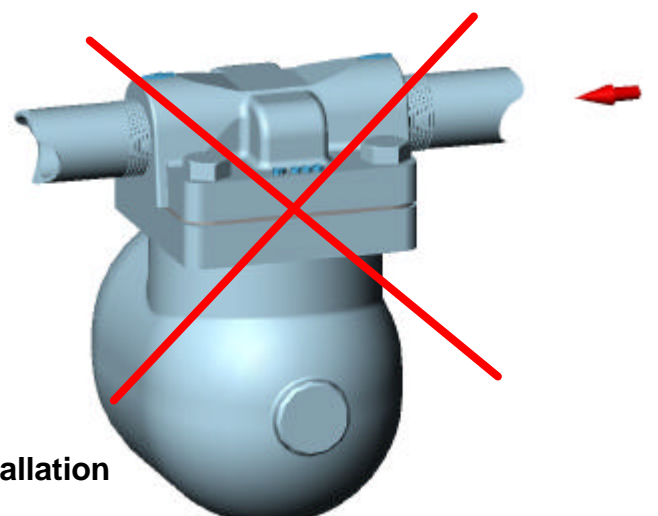
Correct Installation



Wrong Installation



Correct Installation



Wrong Installation

LOSS OF GUARANTEE: Total or partial disregard of above instructions involves loss of any right to guarantee.