

 **Valico**

GESTIONE DEL VAPORE



SCARICATORI DI CONDENSA E VALVOLE



SCARICATORE GALLEGGIANTE FLT16

DESCRIPTION

The FLT16 is a series of float and thermostatic steam traps with integral air vent designed for modulating discharge of condensate, ensuring maximum system heat transfer. Typical applications include unit heaters, heat exchangers, dryers, jacketed vessels and other applications where continuous discharge is essential.

MAIN FEATURES

Modulating discharge of condensate at steam temperature.
Unaffected by sudden or wide load and pressure variations.
No backing-up with condensate.
Excellent air discharge through its integrated air vent.

OPTIONS: Equalizing (vent) and drain connections.
SLR – Steam lock release.
HVV – Hand vent valve.
BDV – Blowdown valve.
AFZ – Anti-freeze device.
VB21M – Vacuum breaker.

USE: Saturated and superheated steam.

AVAILABLE MODELS: FLT16-4,5 , 10 and 14 – SG iron.

SIZES: 1/2" and 3/4"; DN 15 and DN 20.

CONNECTIONS: Female threaded ISO 7 Rp or NPT.
Flanged EN 1092-2 PN 16.

INSTALLATION: Horizontal installation from right to left (R-L).
See IMI – Installation and maintenance instructions.
On request: horizontal installation from left to right (L-R) or vertical from top to bottom (V).

MAX. ΔP: FLT16-4,5 – 4,5 bar
FLT16-10 – 10 bar
FLT16-14 – 14 bar

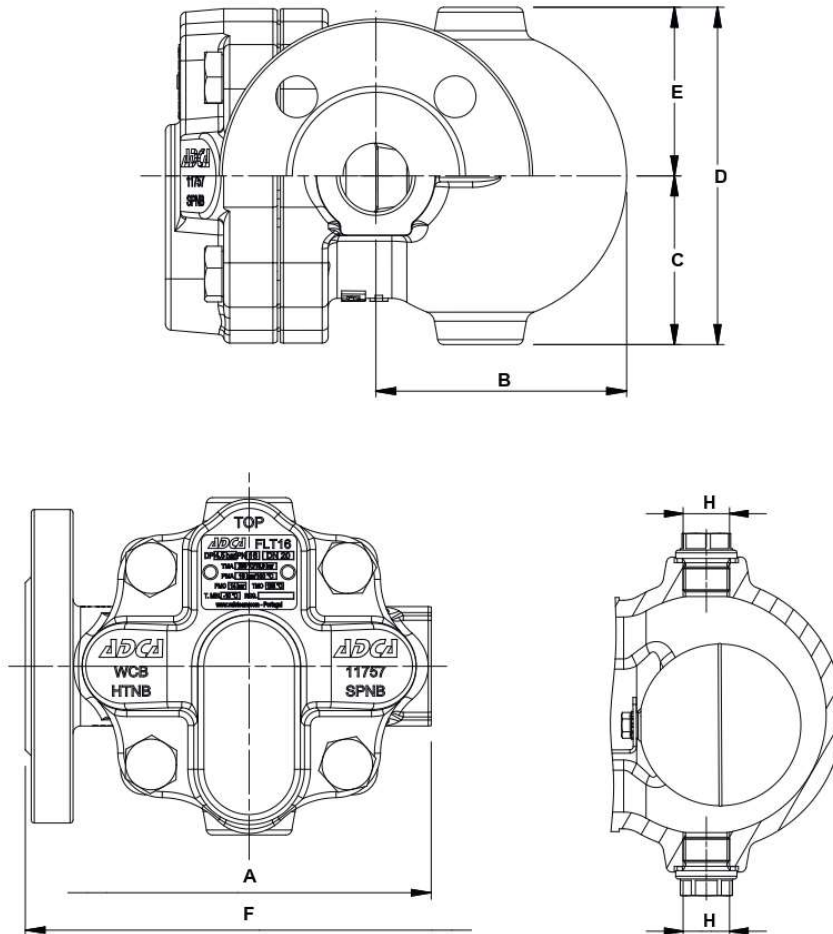


CE MARKING – GROUP 2 (PED – European Directive)	
PN 16	Category
1/2" and 3/4" – DN 15 and 20	SEP

BODY LIMITING CONDITIONS *	
ALLOWABLE PRESSURE	RELATED TEMPERATURE
16 bar	100 °C
15,5 bar	150 °C
14,7 bar	200 °C
13,9 bar	250 °C

PMO – Maximum operating pressure: 14 bar.
TMO – Maximum operating temperature: 198 °C.
* According to EN 1092-2:2018.

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



DIMENSIONS (mm)										
SIZE	THREADED							PN 16		
	A	B	C	D	E	H *	WEIGHT (kg)	E	F	WEIGHT (kg)
1/2" – DN 15	122	84	56,5	113	56,5	3/8"	4,2	56,5	150	4,9
3/4" – DN 20	122	84	56,5	113	56,5	3/8"	4,2	56,5	150	5,3

* As standard, in versions with EN flanges or female ISO 7 Rp threads, these connections are female threaded ISO 228. In versions with ASME flanges or female NPT threads, these connections are female threaded NPT