

CONDENSATE SEPARATOR FLOAT THREADED / FLANGE ADCA Material
FLT 32 Pressure

steel 1.0619
 PN 16-40

TECHNICAL DESCRIPTION

The FLT32 float steam traps (with integral air vent) are designed to operate on a wide variety of low and high pressure steam systems.

Typical applications include reheaters, heat exchangers, dryers, pressure vessels and other applications where continuous system drainage is required.

Connections are threaded or flanged and are suitable for horizontal or vertical installation.

Maximum differential pressure:

FLT32-4,5: 4,5 bar

FLT32- 10: 10 bar

FLT32- 14: 14 bar

FLT32- 21: 21 bar

MAIN FUNCTIONS

Controlled discharge.

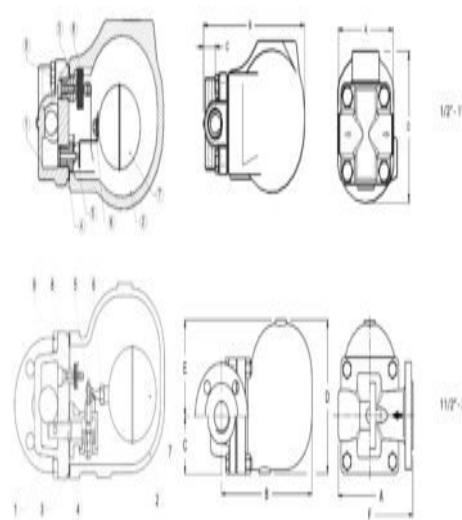
Drains condensate at a temperature close to that of the steam.

Not affected by sudden changes in system load and pressure.

Excellent air venting (via thermostatic air vent)

Upon request:

- Horizontal installation with fluid direction from left to right (LR)
- Vertical installation with fluid direction from top to bottom (V)



WORKING FLUID / MEDIUM

Saturated and superheated steam.

EXECUTION

- Model with raised cover (HC)
- SLR version (Steam release lock)
- Built-in internal filter element
- Vertical installation with fluid direction from top to bottom
- Thermostatic air vent

Dimensions: 1/2" - 2"

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No.	POSITION	MATERIAL		
1	Body	steel EN GP240GH / 1.0619		
2	Lid	steel EN GP240GH / 1.0619		
3	Gasket	stainless steel / graphite		
4.1	Seat from DN15 to DN25	stainless steel AISI 410 / 1.4006		
4.2	Seat from DN40 to DN50	stainless steel CF8 / 1.4308		
5.1	Valve	stainless steel AISI 440C / 1.4125		
5.2	Valve	stainless steel AISI 420C / 1.4021		
6	Lever	stainless steel AISI 304 / 1.4301		
7	Float	stainless steel AISI 304 / 1.4301		
8	Thermostatic air vent	stainless steel (bimetallic)		
9	Bolt	steel grade 8.8		

SPECIFICATION	
Standard	DIN
Joining standard	BSPP thread / Flanged EN1092-2, ANSI #150 - 300
Lid connection	bolted
Execution	straight
Management	automatic with automatic discharge
Maximum differential pressure	4.5; 10; 14; 21 Bar
Installation	horizontal / vertical

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DIMENSIONS (mm)															
THREADS							EN PN16/40		ANSI 150 lb		ANSI 300 lb		ANSI 300 lb		
SIZE	A	B	C	D	E	(kg)	F	(kg)	F	(kg)	F	(kg)	F	B	(kg)
1/2" - DN 15	95	178	23	128	-	5.2	150	6.7	150	6.2	150	7	-	-	-
3/4" - DN 20	95	178	23	128	-	5.2	150	7.4	150	6.6	150	8.2	-	-	-
1" - DN 25	95	178	23	128	-	5.2	160	7.8	160	7.4	160	9	-	-	-
1 1/2" - DN 40	210	248	79	208	131	16.9	230	248	20.3	230	248	19.1	230	248	22.1
2" - DN 50	210	248	79	208	131	17.5	230	248	20.7	230	248	20.5	230	248	22.3