

FLOAT SEPARATOR THREADED / FLANGE ADCA FLT 17

Material ductile iron EN-JL1030
Pressure PN 16

TECHNICAL DESCRIPTION

The float mechanism ensures direct drainage (removal) of the condensate from the steam system. In turn, the automatic air vent ensures the system is freed from uncondensed gases. Float condensate separators are designed primarily for horizontal installation. There are also versions for vertical installation, but the latter are made to order. Condensate separators of this type are designed to operate with a maximum differential pressure of 4.5 Bar. The capacity that is provided can be found in the additional information to the product description.

MAIN FUNCTIONS

To drain (remove) the condensate from the steam installation.

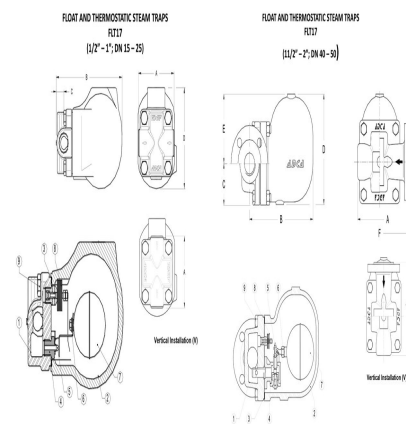
WORKING FLUID / MEDIUM

Steam.

EXECUTION

- SLR version (Steam lock release)
- Regulating needle valve
- Built-in internal filter element
- Installation – horizontal with fluid direction from left to right
- Installation – vertical with fluid direction from top to bottom
- Thermostatic air vent

Dimensions: 1/2" - 2"



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No.	POSITION	MATERIAL		
1	Body	malleable cast iron GJS-400-15 / 0.7040		
2	Lid	malleable cast iron GJS-400-15 / 0.7040		
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
Lid connection	bolted
Execution	straight
Management	automatically
Venting	automatically
Maximum differential pressure	4.5; 10; 14 Bar
Installation	horizontal / vertical

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PASSABILITY (kg/h)																	
MODEL	SIZE	DIFFERENTIAL PRESSURE (bar)															
	DN	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
MODEL	SIZE	DIFFERENTIAL PRESSURE (bar)															
	DN	0.1	0.3	0.5	0.7	1	1.5	2		4.5		7			10	12	14
FLT17-4.5	40 - 50	1050	1750	2400	2700	3400	3900	4500		7300		-			-	-	-
FLT17-10	40 - 50	650	1100	1500	1700	2000	2600	3000		4000		5400			6200	-	-
FLT17-14	40 - 50	430	720	950	1100	1300	1600	1800		2600		3250			3900	4210	4950