

CONDENSATE TRAP WITH INVERTED PISTON ADCA IB30S / IB30SS

Material stainless steel 1.4408; steel 1.0460
Pressure PN 40

TECHNICAL DESCRIPTION

The IB30 series of steam traps are of inverted piston design and are recommended for use in systems where continuous efficient and trouble-free operation is required. They do not stop performing their functions, even with the passage fully open or closed, which makes them suitable for use at medium and high steam pressures. The connection is threaded or flanged.

WORKING FLUID / MEDIUM

- Saturated steam

EXECUTION

- threaded ISO7/1 Rp (BS21)
- flanged EN 1092-1 PN40 or ANSI

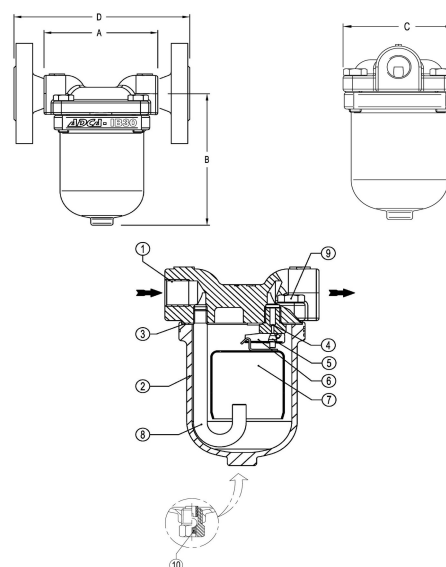
INSTALLATION INSTRUCTIONS

- In a horizontal position.

MAIN ADVANTAGES

- Controlled discharge.
- Drains condensate at a temperature close to that of steam.
- Not affected by hydraulic shocks and vibrations in the system.
- Easy to maintain.

Dimensions: DN 15 - 25



CONDENSATE TRAP WITH INVERTED PISTON ADCA IB30S / IB30SS

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				SPECIFICATION	
No.	MATERIAL DETAILS	IB 30 S	IB 30 SS		
1	Body	P250GH/1.0460	CF8M / 1.4408	Standard	DIN/ANSI
2	Lid	CF8M / 1.4408	CF8M / 1.4408	Joining	threaded BSP / flanged EN 1092-1 or ANSI
3	Garnish	graphite/graphite	graphite/graphite	Lid connection	threaded
4	Saddle	AISI 410 / 1.4006	AISI 410 / 1.4006	Execution	straight
5	Valve	AISI 410 / 1.4006	AISI 410 / 1.4006	Management	automatically
6	Shoulder	AISI 304 / 1.4301	AISI 304 / 1.4301	Venting	automatically
7	Piston	AISI 304 / 1.4301	AISI 304 / 1.4301	Installation	horizontally
8	Inlet pipe	AISI 304 / 1.4301	AISI 304 / 1.4301	Maximum differential pressures:	
9	Bolts	A2 - 70	A2 - 70	IB30S-4 - IB30SS-4	4 bar
				IB30S-8 - IB30SS-8	8 bar
10	Anti-icing device	AISI 304 / 1.4301	AISI 304 / 1.4301	IB30S-12 - IB30SS-12	12 bar

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DIMENSIONS (mm) - IB30S

Threaded and flanged					EN PN 16 / 40		ANSI 150		ANSI 300	
DN	A	in	C	kg	D	kg	D	kg	D	kg
15 - 1/2"	110	125	92	2.3	170	3.8	170	3.3	170	4.1
20 - 3/4"	110	125	92	2.3	170	4.3	170	3.7	170	5.3
25 - 1"	110	125	92	2.3	180	4.9	180	4.5	180	6.1

DIMENSIONS (mm) - IB30SS

Threaded and flanged					EN PN 16 / 40		ANSI 150		ANSI 300	
DN	A	in	C	kg	D	kg	D	kg	D	kg
15 - 1/2"	110	125	92	2.3	170	3.8	170	3.3	170	4.1
20 - 3/4"	110	125	92	2.3	170	4.3	170	3.7	170	5.3
25 - 1"	160	125	92	2.3	180	4.9	180	4.5	180	6.5