

THERMODYNAMIC THREADED / FLANGED CONDENSATE TRAP ADCA DT 46

Material
Pressure

cast steel 1.0460
PN 100

TECHNICAL DESCRIPTION

Thermodynamic steam traps model ADCA DT 46 are compact and easy to install and are excellent for installation in systems with high operating pressure, including "Stream tracing" applications. The insulating coating ensures consistent operation and makes them practically applicable for those applications where weather conditions, such as rain and wind, affect their normal functioning. Condensate traps of this type have only one moving element and are used in a wide range of operating pressures, without additional adjustment. The connection is female threaded or flanged.

MAIN FUNCTIONS

Discontinuous unloading. Standard insulation coating. Operation with superheated steam. Seat and valve can be replaced in the field without dismantling the steam trap. Not affected by hydraulic shocks and vibrations in the system. Built-in filter easy to service.

WORKING FLUIDS / MEDIUM

- Saturated and superheated steam.

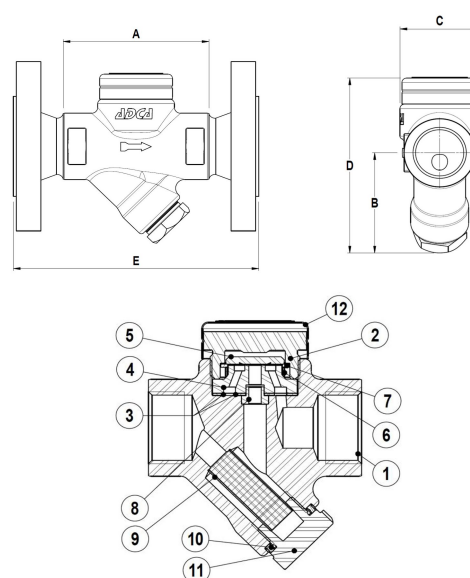
EXECUTION

- threaded ISO 7 / 1 Rp (BS21)
- flanged EN 1092-1 PN40÷PN100 or ANSI.
- welded (on request)

OPTIONS:

- Purge valve.

Dimensions: 1/2" - 1" / DN 15 - 25



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No.	DETAILS	MATERIALS
1	Body	P250GH / 1.0460
2	Lid	AISI 304 / 1.4301 AISI 303 / 1.4305
3	Garnish	stainless steel / graphite
4	Saddle	improved stainless steel
5	Valve	improved stainless steel
8	Bushing	AISI 304 / 1.4301
9	Filter screen	AISI 304 / 1.4301
10	Garnish	stainless steel / graphite
11	Tapa	A105 / 1.0432
12	Insulating coating	AISI 304 / 1.4301

SPECIFICATION	
Standard	DIN
Joining	thread BSP / flanged
Lid connection	threaded
Execution	straight
Management	automatically
Venting	automatically
Installation	horizontal

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Threaded or welded						FLANGES EN PN 16 / PN 40		FLANGED EN PN 63		ANSI 150 FLANGES		ANSI 300 FLANGES	
DN	A	B	C	D	kg	E	kg	E	kg	E	kg	E	kg
15 - 1/2"	95	60	50	109	1.3	150	2.8	150	3.7	150	3.9	150	4.9
20 - 3/4"	95	60	50	109	1.2	150	3.3	150	5.2	150	4.8	150	7
25 - 1"	95	66	50	115	1.5	160	4.1	160	6.7	160	6.5	160	8.5