

THERMODYNAMIC THREADED / FLANGED CONDENSATE TRAP
ADCA DT 42/2

Material
 Pressure

cast steel 1.0460
 PN 63



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TECHNICAL DESCRIPTION

Thermodynamic condensate traps model ADCA DT 42/2 are compact, lightweight and easy to install and excellent for installation in systems with high operating pressure. 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 threaded or flanged.

MAIN FUNCTIONS

Discontinuous unloading. Operation with superheated steam. Seat and valve can be replaced in place without dismantling the steam trap.

Not affected by hydraulic shocks and vibrations in the system. Built-in filter easy to service.

OPTIONS

- Anti-icing device.

ANNEX

- Saturated and superheated steam.

DIMENSIONS

- threaded $\frac{1}{2}'' \div 1''$
- flanged DN 15 $\div$ DN 25

ACCESSIONS

- threaded ISO 7 / 1 Rp (BS21)
- flanged EN 1092-1 PN40 $\div$ PN63 or ANSI.
- welded (on request)

INSTALLATION

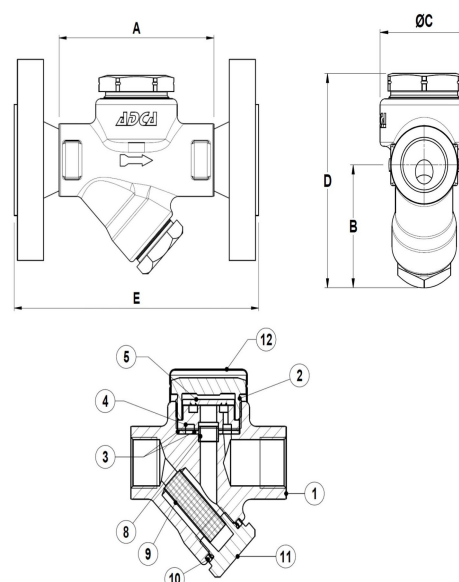
- Horizontal installation is recommended.

ANNEX

- Saturated and superheated steam.

RESTRICTIONS

- Minimum operating pressure up to 0.25 Bar
- Maximum operating back pressure up to 80% Bar



Dimensions: $\frac{1}{2}'' - 1''$

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No.	POSITION	MATERIAL
1	Body	P250H / 1.0460
2	Lid	AISI 304 / 1.4301 AISI 303 / 1.4305
3	Sealant	stainless steel / graphite
4	Saddle	hardened stainless steel
5	Valve	hardened stainless steel
8	Pipe	AISI 304 / 1.4301
9	Filter	AISI 304 / 1.4301
10	Gasket	stainless steel / graphite
11	Tapa	A105 / 1.0432
12	Insulating cap	AISI 304 / 1.4301

SPECIFICATION	
Standard	DIN
Joining	threaded BSP / flanged
Lid connection	threaded cap
Execution	straight
Management	automatically
Venting	with automatic release
Installation	horizontal

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DIMENSIONS (mm)													
Threaded or welded (SW)						EN PN 16 / PN 40		EN PN 63		ANSI 150 lb		ANSI 300 lb	
SIZE DN	A	B	C	D	kg	E	kg	E	kg	E	kg	E	kg
1/2" - 15	95	60	50	104	1.3	150	2.8	150	3.7	150	2.4	150	2.8
3/4" - 20	95	60	50	104	1.2	150	3.3	150	5.2	150	2.8	150	3.6
1" - 25	95	60	50	110	1.5	160	4	160	6.5	160	3.6	160	4.5