

ADCA Trapping station threefold Type 8977 series CTS4UD stainless steel flange EN 1092-1



The Adca series CTS4UD has been developed as a complete and compact three-component drainage station for use in steam systems where a simplified and economical maintenance programme is desired. It is designed to replace traditional multiple component stations and is equipped with two inlet and one outlet valve(s), an integrated filter and a non-return valve. Typical applications include as drop service on steam lines, tracing, SKIDs and small process equipment. Downtime and costs are reduced by the easy in-line maintenance of this drainage station. Thanks to 360° rotatable two-bolt flange connection, the steam trap can be replaced within minutes without disturbing the pipework. The CTS4UD drainage station fits all steam traps equipped with a universal UCX swivel connector.

Characteristics

Series: CTS4UD

Type: 8977

Construction type: Straight

Connection: Flange

Standard connection: EN 1092-1

Pressure rating: PN40

PMA - maximum allowable pressure: 40 bar

TMA - maximum allowable temperature: 230 °C

PMO - maximum operating pressure: 17.5 bar

TMO - maximum operating temperature: 230 °C

Operating temperature: -10 / 230 °C

With built-in filter: Yes

Housing material: Stainless steel

Material quality: 1.4308

Body seal: PTFE

Seat material: PTFE/GR

Material filter: Stainless steel SS 304 (1.4301)

Mounting direction: Horizontal and vertical

Flow direction: through arrow marking on housing

Approvals: PED 2014/68/EU fluid group 2

PED classification: PED-SEP

Application

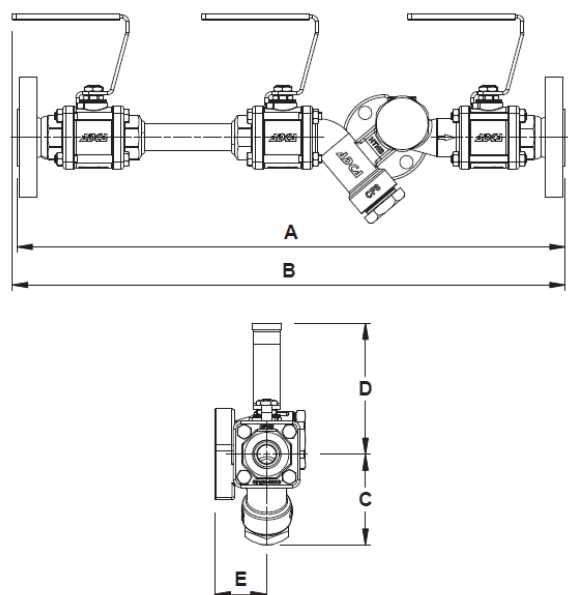
- Saturated steam.
- Superheated steam.

Technical Information

- The recommended installation position of the trapping station is horizontal with the filter element pointing downwards. Vertical installation is possible, provided the flow direction is downwards and not upwards.

Options

- Blowdown valve.



Size table:

Dimension	A	B	C	D	E	Weight
	mm	mm	mm	mm	mm	kg
DN15	434	438	68	98	39	5.6
DN20	454		68	98	39	6.2
DN25	454		68	98	39	6.6

Connection size	With automatic de-aerator	Article
DN15	No	14534251
DN20	No	14534252
DN25	No	14534273

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