

ADCA Trapping station threefold Type 8977 series CTS4UD stainless steel internal thread ISO 7/1 Rp



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: Internal thread

Standard connection: ISO 7/1 Rp

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

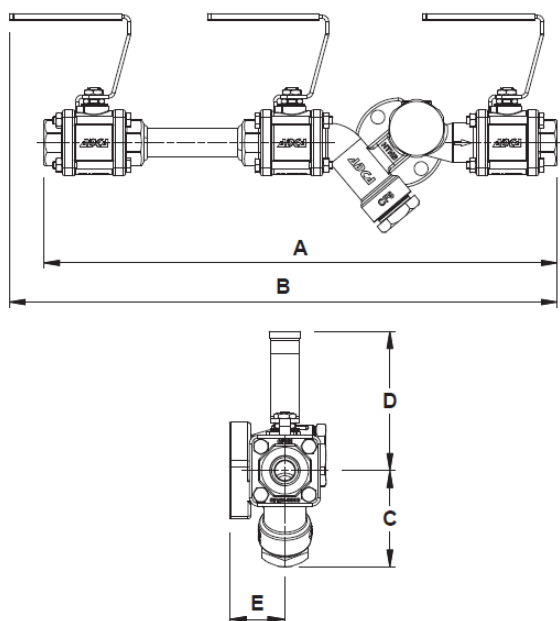
- The recommended installation position of the trapping station is horizontal with the filter element pointing downwards. Vertical installation is possible, provided the flow direction is downwards and not upwards.

Options

- Blowdown valve.

Size table:

Dimension	A	B	C	D	E	Weight
	mm	mm	mm	mm	mm	kg
1/2"	384	415	68	98	39	4
1"	437	439	68	98	39	4.4
3/4"	389	415	68	98	39	4



Connection size	Nominal inner diameter	With automatic de-aerator	Article
1/2" BSP	DN15	No	14534248
1" BSP	DN25	No	14534250
3/4" BSP	DN20	No	14534249

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