

## ADCA Thermostatic steam trap Type 2982 series TH32YLC steel low capacity internal thread ISO 7/Rp



The ADCA series TH32YLC is a low-capacity steel thermostatic steam trap equipped with an integrated filter and excellent venting. It is specifically designed for applications with process equipment such as boilers, sterilisers, food, chemical and washing equipment.

### Characteristics

- Series:** TH32YLC
- Type:** 2982
- Construction type:** Straight
- Connection:** Binnendraad
- Standard connection:** ISO 7/1 Rp
- Pressure rating:** PN40
- PMA - maximum allowable pressure:** 40 bar
- TMA - maximum allowable temperature:** 300 °C
- PMO - maximum operating pressure:** 22 bar
- TMO - maximum operating temperature:** 250 °C
- Mounting direction:** Any
- Flow direction:** through arrow marking on housing
- Housing material:** Steel [1.0460]
- Material bonnet:** Steel P250GH [1.0460]
- Seat material:** Stainless steel SS 304 [1.4301]

- Material filter:** Stainless steel SS 304 [1.4301]
- Filter holder:** Steel ASTM A105 [1.0432]
- With built-in filter:** Yes
- Approvals:** PED 2014/68/EU fluid group 2
- PED classification:** PED-SEP

### Application

- Saturated steam.

### Technical Information

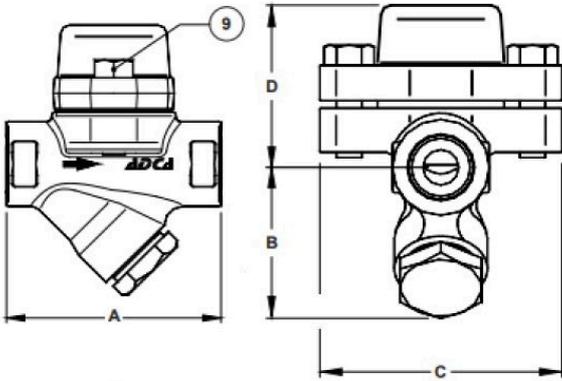
- Horizontal installation recommended, however can be installed in any position.

### Options

- Blowdown valve.
- Integrated check valve.

### Size table:

| Dimension | A  | B  | C  | D  | Weight |
|-----------|----|----|----|----|--------|
|           | mm | mm | mm | mm | kg     |
| 1/2"      | 95 | 59 | 95 | 65 | 1.6    |
| 1"        | 95 | 65 | 95 | 65 | 1.8    |
| 3/4"      | 95 | 59 | 95 | 65 | 1.6    |



### Capacity<sup>1</sup> table in kg/h

| Model   | Connection size | dP 0.2 bar | dP 0.3 bar | dP 0.5 bar | dP 1 bar | dP 1.5 bar | dP 2 bar | dP 3 bar | dP 4 bar | dP 6 bar | dP 8 bar | dP 10 bar | dP 13 bar | dP 15 bar | dP 20 bar | dP 22 bar |
|---------|-----------------|------------|------------|------------|----------|------------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|
| TH32YLC | 1/2" - 1"       | 45         | 55         | 70         | 95       | 125        | 135      | 180      | 200      | 270      | 315      | 330       | 360       | 370       | 405       | 415       |

<sup>1</sup> Condensate 10 °C below saturated steam temperature.

| Connection size | Nominal inner diameter | Maximum pressure difference bar | Filling | Subcooling °C | Article  |
|-----------------|------------------------|---------------------------------|---------|---------------|----------|
| 1/2" BSP        | DN15                   | 22                              | Type S  | 10            | 14532298 |

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| Connection size | Nominal inner diameter | Maximum pressure difference<br>bar | Filling | Subcooling<br>°C | Article  |
|-----------------|------------------------|------------------------------------|---------|------------------|----------|
| 1" BSP          | DN25                   | 22                                 | Type S  | 10               | 14532300 |
| 3/4" BSP        | DN20                   | 22                                 | Type S  | 10               | 14532299 |

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