



The Oventrop Quality Management System is certified to DIN-EN-ISO 9001

Application:

The Oventrop filling and isolating device FSA is used in fan coil units, chilled ceiling, convector, central heating and surface heating systems which are to be equipped with a filling, draining and isolating device.

Function:

The ball valve is opened/closed by quarter turn operation. The position of the ball is indicated by the position of the handle.

Note: Ball valves should be actuated once or twice a year.

Advantages:

- Full flow
- Only one valve for 4 functions:
 - Isolating
 - Filling
 - Draining
 - Flushing
- Reduced dimensions
- Extended plastic handle suitable for continuous insulation; no stem extension required
- Operating element outside of the insulation
- Hose connection included
- High filling and draining capacity

Tender specification:

Filling and isolating device FSA PN 16 for filling, draining and isolating heating and cooling systems. Female threads according to EN 10226 in flow direction, hose connection made of high quality plastic (soft seal) and cap.

Valve body and ball made of brass, ball hard-chrome plated, brass stem with double O-ring seal made of EPDM, ball with PTFE seats, handle made of plastic.

Max. operating temperature t_s : 120°C

Min. operating temperature t_s : -10°C

Max. operating pressure p_s : 16 bar (PN 16)

DN 15

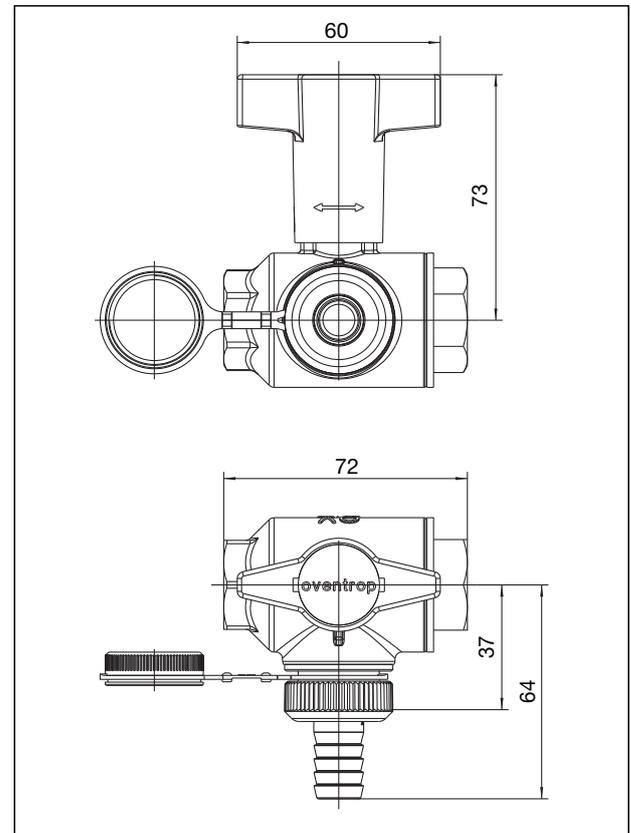
Item no. 114 90 04

Insulation:

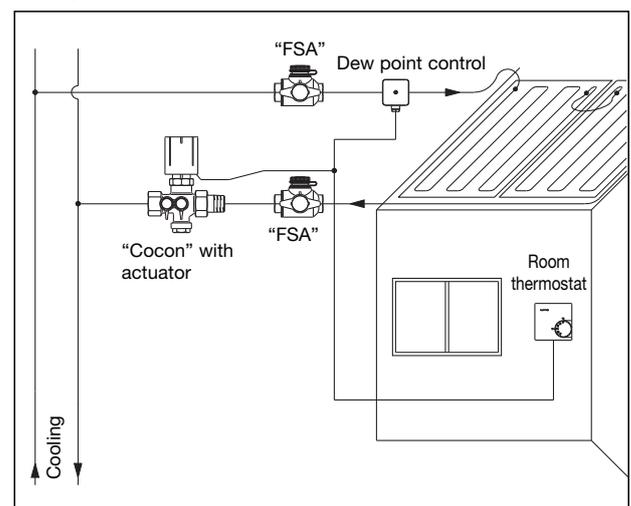
The Oventrop filling and isolating device FSA can be equipped with a standard insulation in accordance with the Decree for Energy Saving.

The distance between the upper edge of the body and the lower side of the handle is about 35 mm.

Dimensions:

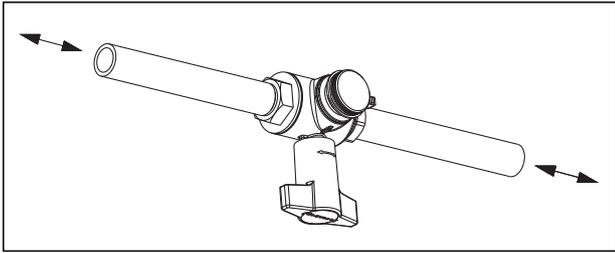


Example of installation:



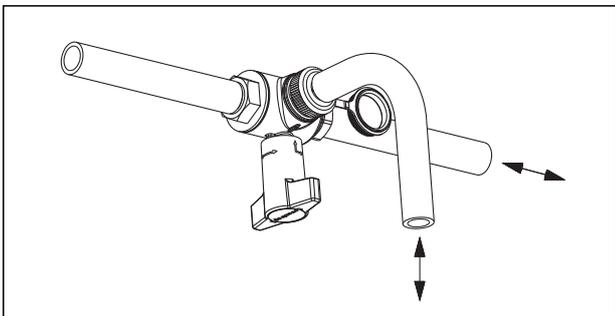
Open position / Operating of system:

The handle has to point in flow direction.
Important: Cap must be mounted.



Filling / draining:

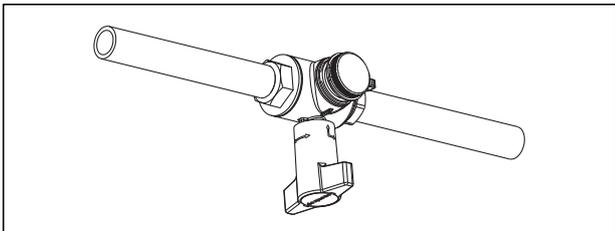
1. Unscrew cap.
2. Screw on hose connection.
3. Fit hose onto hose connection.
4. Turn ball valve from the flow direction by 90° to draining/isolating position.



Isolating:

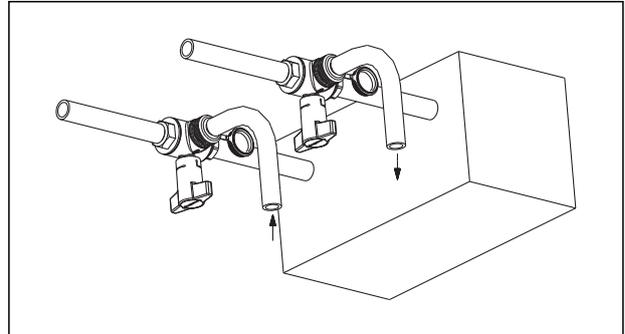
Important: Cap must be mounted tightly to stop water from escaping!

1. Tighten cap.
2. Turn ball valve from the flow direction by 90° to draining/isolating position.



Flushing:

1. Both ball valves in open position.
2. Unscrew caps.
3. Screw on hose connections.
4. Fit hose onto the hose connection.
5. Turn ball valves from the flow direction by 90° to flushing position.



Subject to technical modification without notice.

Product range 3
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