



Maintenance Unit for Use In Dry Pipe Sprinkler System

Fig. VWE

Product Description

The maintenance unit is a draining fitting for use in dry systems. It collects the condensation water arising at the lowest point in the dry system and can be easily drained during regular maintenance work.

Operation

VWE standard:

To drain the maintenance unit the upper ball valve (2) is closed, the 1" plugs (4) removed and the lower ball valve (3) opened. After draining, seal the plugs (4) and screw in. Close the lower ball valve (4) by 45° and reopen the upper ball valve (2) by 45°.

VWE with filler neck:

To drain the maintenance unit, the upper ball valve (2) is closed, the 1" plug (4) is removed and the lower ball valve (3) is opened. After draining, seal the plug (4), screw in and close the lower ball valve (3) by 45°. Properly dispose of any water/anti-freeze mixture collected. To fill with anti-freeze mixture, keep the upper ball valve (2) closed or close it. Remove the 1/2" plug (7) and fully open the 1/2" ball valve (5). Pour in anti-freeze and seal 1/2" plug (7), screw in and re-close 1/2" ball valve (5) and the re-open the upper ball valve (2) by 45°.

Important

According to the manufacturer's information the ball valves are only frostproof in the 45° position of the wing handle! When delivered the ball valves are always fully closed. To put into service, all the wing handles have to be rotated into the 45° position.

Function

The VWE standard maintenance unit consists of the following parts:

- Pitot pipe, Upper ball valve 1", Lower ball valve 1" and plug 1".

The maintenance unit is supplied completely assembled.

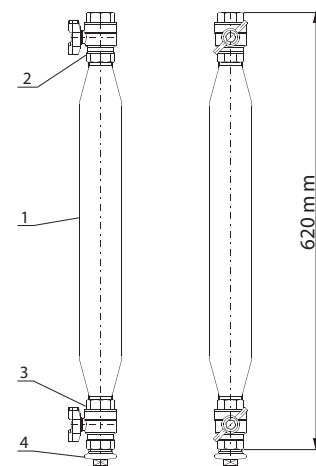
The VWE maintenance unit with filler neck consists of the following parts:

- Pitot pipe, Upper ball valve 1", Lower ball valve 1", plug 1", ball valve 1/2", VTS 2" x 1/2" and plug 1/2".

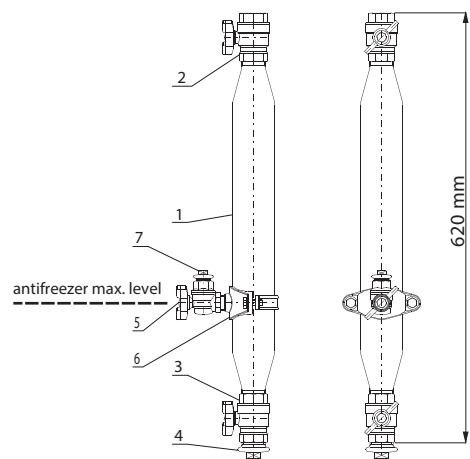
The maintenance unit is supplied completely assembled. The DN 15 filler opening can be used to fill the maintenance unit with up to 1/3 full with anti-freeze and therefore prevent freezing up. According to the manufacturer, the ball valves are only frostproof in the 45° wing handle position.



Maintenance unit standard



Maintenance unit with filler neck



Technical Specification

Type	VWE standard or VWE with filler neck
Surface	Zincd
Material	Steel tube according to DIN 2458
Weight	Standard - 2.4kg With filler Neck - 3.1kg
Content	Approx. 0.9 litres