

1. Intended use / product description

Medium:

Potable water

Max. operating pressure:

Potable water: 10 bar

Material:

Stainless steel / plastic

Description:

The conversion kit with oxidizer design serves to minimise float movement in the valve. Its installation reduces wear and improves the working behaviour (valve adjusts to continuous venting).

2. Installation / operation

Inspect the delivery for completeness.

Read the assembly instructions carefully and arrange the parts in the order of assembly. Use proper tools!

Pay attention to proper hygiene and clean working conditions.

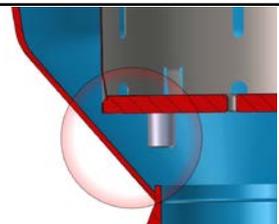
When laying the pipes and during installation, it is necessary to refer to and comply with applicable standards and regulations, accident prevention regulations and regulations from trade associations.

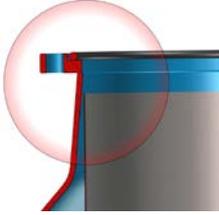
Symbols:

Attention! Pay special attention!	
Inspect carefully! Special focus!	
Tighten with proper tools!	

Tools used:

Open-end spanner size 13 2 x open-end spanners size 19	
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<ul style="list-style-type: none"> Remove the original valve unit from the housing. 	
<ul style="list-style-type: none"> Insert stainless steel sleeve with bottom into the housing. 	
<ul style="list-style-type: none"> Insert the stainless steel sleeve until the feet stand on the housing.  	

<ul style="list-style-type: none"> The sleeve is shorter than the housing! The upper edge of the sleeve is below the sealing area! 	
<ul style="list-style-type: none"> On the original functional unit, unscrew the float and replace it with the open float without feet! Secure the float against turning with the counter nut! 	
<ul style="list-style-type: none"> Insert the functional unit in the housing. 	
<ul style="list-style-type: none"> Close the housing with the cover screws and check for leaks. 	

3. Service and maintenance

In accordance with DVGW W 392, air release valves need to undergo maintenance at least once a year and more frequently particularly in potable water treatment plants where there is a high degree of wear.

Work on air release valves may only be carried out by suitably trained personnel. We recommend carrying out the first maintenance after a period of about 4 to 8 weeks and defining future maintenance intervals based on the results of this initial maintenance.

Regular inspections improve the operational reliability of air release valves. Before conducting any maintenance work, air release valves need to be disconnected from the pipe network by closing the shut-off valve. The overpressure in the air release valves needs to be released by briefly opening the ball valve.

General safety precautions must always be complied with when entering service shafts. When working in service shafts, we recommend forced ventilation of the structure and only performing maintenance work when pumps are switched off. After maintenance work is completed, perform a proper pressure test in accordance with the applicable rules and regulations

4. Startup and pressure testing

Air release valves are generally to be taken out of service before pressure testing the line. The shut-off valve below the valve needs to be closed for this purpose. After successful pressure testing is completed, open the shut-off valve slowly and subject the air release valve to a functional and visual inspection under operating pressure.

The maximum filling speed must be complied with when filling the line (DVGW Merkblatt W 334). Before filling the line, check whether the ventilation devices in the shaft can divert the required amount of air.

5.5. Further information

If required, please request our detailed technical information on air release valves.

If you have any other questions or if you need more information please contact:

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