

# INSTALLATION & MAINTENANCE INSTRUCTIONS

## COMBINATION AIR VALVE FOR SEWAGE

### MODEL "MINI- SAAR" D-021



#### Installation

1. The reclaimed & effluent water air valve should be installed vertically on a riser on the crown of the pipeline.
2. An inlet-isolating valve should be installed underneath the air valve.
3. Do not turn the plastic head (1) of the air valve, separately. It can cause a leakage.
4. To change the direction of drainage outlet, open the main body-clamp and turn the air valve upper body.
5. For plastic flanges, fit protective washer for each bolt.

**Warning!** Do not remove or disassemble the air valve from pipeline before performing the following steps:

1. Turn off riser shut off valve.
2. Open up pressure release valve located on the base of the D-021 and the shut off valve.
3. Remove valve from line only after ensuring that internal pressure in the valve has been released.

#### **Periodic Maintenance for D-021 without back wash assembly** (Each 6 months and according to liquid quality).

1. Shut the isolating valve underneath the air valve.
2. Open pressure relief valve (14) and make sure that internal pressure inside the valve body is released.
3. Open and remove the two parts of the clamp.(8)
4. Pull out the top part, Wash the mechanism and the inside of the valve.
5. Reassemble the two parts and tighten the screws (10) Pay attention to correct placement of the seal's O-Ring (9)
6. Re-open the inlet-isolating valve.

