

# D-020 COMBINATION AIR VALVE FOR WASTEWATER

## Installation

- 1) The wastewater air valve should be installed vertically on the upper portion of the pipe line.
- 2) An isolating valve should be installed underneath the air valve.
- 3) Do not turn separately the plastic head (1) of the air valve. To change the direction of drainage connecting, one must turn the whole valve or the upper cover, by loosening the screws (2) and turning the head at a 90° angle (turning the plastic head may damage the valve performance due to air escape).

## 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-020.
- 3) Remove valve from line only after ensuring that internal pressure in the valve has been released.

## Periodic Maintenance

(Every 6 months and according to liquid quality)

- 1) Shut the isolating valve underneath the air valve.
  - 2) Open the drainage tap (3).
  - 3) Attach quick release connection to the drainage outlet (4) on top of the valve.
  - 4) Flush clean water via the drainage opening (4) in the air valve until seeing clean water running from the ball valve (3).
- Pressure rating for back-flush: 3 bar.
- 5) Shut off the drainage tap (3)
  - 6) Reopen the isolating valve.

## Comprehensive Periodic Maintenance

- 1) Shut the isolating valve underneath the air valve.
- 2) Open the drainage tap (3) and drain the air valve.
- 3) Open the 4 screws on top cover of air valve (2).
- 4) Pull out the mechanism. Wash the mechanism and the inside of the air valve.
- 5) Reassemble back the mechanism and tighten the screws (1/2") (2). Pay attention to correct placing of seal's O-Ring.
- 6) Close the drainage tap (3).
- 7) Reopen the isolating valve.

