

# AVK AIR RELIEF VALVE

701/30  
701/50

## OPERATION & MAINTENANCE MANUAL



The designs, materials and specifications shown are subject to change without notice due to our continuing programme of product development.

## Installation

- 1.a) The air valve should be mounted onto an isolating valve that is installed on a riser connected to the top of the main pipe.

## Basic, periodic maintenance

*Please note all item numbers refer to the drawings on page 2.*

There is no operational requirement to gain access to the internal parts of the valve as under normal circumstances they are maintenance free. If however the need does arise the following should be used :

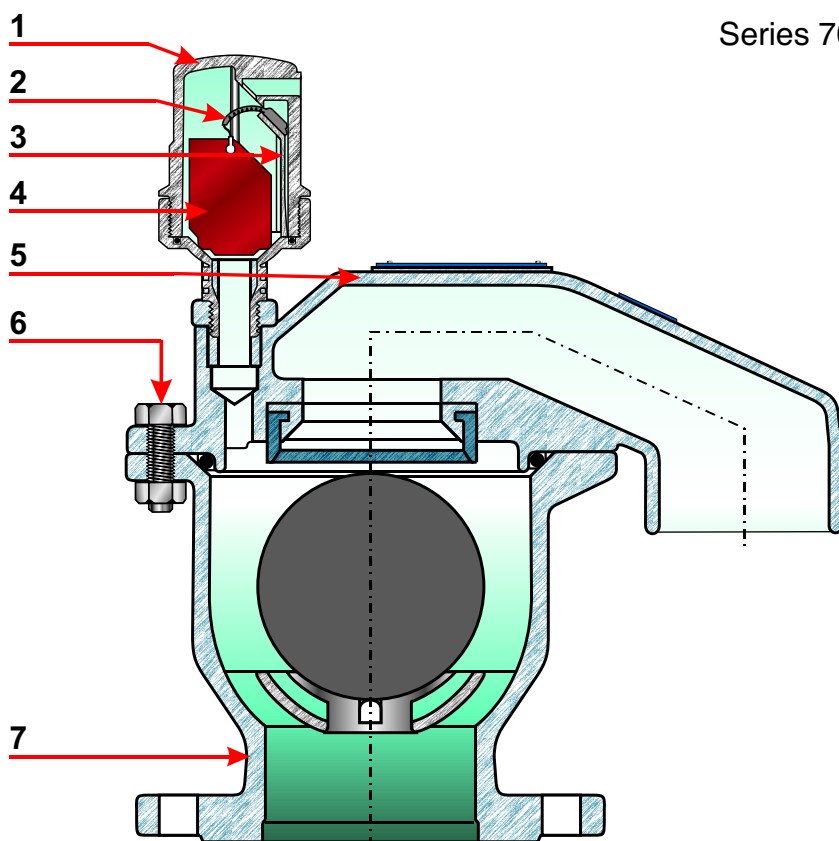
For the Series 701/50 Double orifice air relief valve :

- 2.a) Shut the Isolating valve below the air valve.

- b) Unscrew the body of the plastic air valve (1)
- c) Remove the Clamping stem (3) and the Float (4), and wash the inside of the body, the Clamping stem, the Float and the Rolling seal (2), with clean water.
- d) Check to make sure the Rolling seal is not torn or cracked and is attached precisely in the middle of its groove in the float.
- e) Unscrew the bolts (6) that connect the main valve cover (5) to its body (7).
- f) Wash the body and the cover in clean water in order to remove coarse grime or accumulated scale.
- g) Reinstall in reverse order and tighten all bolts.  
Make sure to re-assemble the upper air valve correctly :  
First, insert half the length of the Rolling seal tail into its groove in the body (1), and then, push the rest of the way, to the end of the groove, using the Clamping stem (3). Make sure the Rolling seal is set in place.
- h) Open the isolating valve beneath the air valve.

For the Series 701/30 Single orifice air relief valve:  
Follow the stages above missing out stages 2b),2c) and 2d)

Series 701/50 Double Orifice Air Relief Valve



Series 701/30 Single Orifice Air Relief Valve

