

Installation and Maintenance of A.R.I.'s S-050PVDF Automatic Air Release Valve

A. Installation

- A.1 The air valve will be mounted on a riser, connected to the top of the pipe.
- A.2 An isolating valve will be installed below the air valve.

B. Basic, Periodic, Maintenance

- B.1 Close the service valve under the air vent base before the servicing.
- B.2 Turn, release and remove the vent body (1) from the base.
- B.3 Pull down on the clamping stem (3) and remove it from the body.
- B.4 Remove the float (4) and rolling seal (2) assembly.
- B.5 Check the integrity of the rolling seal (2) by rinsing it with water. Replace the rolling seal in case it is torn.
- B.6 Check and wash the body (1) and the float (4) with clean water.
- B.7 Return the float (4) and rolling seal (2) assembly by inserting the free end of the rolling seal into the groove in the body and inserting the float into the two rails on the sides of the body.
- B.8 While holding the float in this manner, insert the clamping stem (3) into the same groove as the rolling seal, making sure that the angled extended end of the stem is inserted first into the groove.
- 4.8 Push both the float and stem downward into the vent body until both are sitting flush with the body.
- 4.9 Holding the clamping stem (3) with the thumb, turn the body upside down and check to see that the float (4) and seal (2) assembly are held attached to the body (1).
- 4.10 Screw the body back into the valve base (6).
- 4.11 Do not forget to open the service valve after the servicing.

