

COMBINATION AIR VALVE FOR WASTEWATER MODEL D-065M1

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

General

Routine service is an integral part of the standard procedure for maintenance of a water supply system.

Recommended routine maintenance— once or twice a year, according to the quality and type of the liquids in the system.

- B.1 Before servicing, close the isolating valve under the air valve base.

Maintenance of Air Release Component

- B.2 Slowly open cover bolts (11) alternately until water and air start to be released. Wait until all the water and air cease to be released before removing the cover and bolts.
- B.3 Remove the discharge outlet (1) attached to the cover (2) .
- B.4 Wash and clean the air discharge orifice (4) with water .
- B.5 Wash the rolling seal (7) and make sure that is not torn or cracked.
- B.6 Wash the float (12) making sure to remove coarse grime or accumulated scale.
- B.7 Wash the valve body (13) and remove any coarse grime or scale clinging to the sides.

Reassembly of Air Release Component:

- B.8 Make sure the O-ring (10) is intact and situated fully inside the body groove.
- B.9 Make sure that the center of the lever (7) is in the center of the cover, and the Roll pin (5) is well attached to the plastic orifice (6).
- B.10 Replace the lid and tighten the screws and bolts.

Maintenance of Air & Vacuum Component

- B.11 Unscrew the Bolts and Nuts (20) that connect the valve Cover (19) to the air valve Body (25).
- B.12 Wash the air valve Body (25) , the Screen (18) and the Cover (19) in clean water in order to remove coarse grime or accumulated scale.
- B.13 Reinstall in reverse order and fasten and tighten all the Bolts and Nuts (20).
- B.14 Open the isolating valve and make sure that air is being released from the air release valve orifice.
- B.15 Replace the discharge outlet (1) by clicking into place.
- B.16 Make sure there are no leaks from the air valve

