

AVK SURFACE BOX FOR AIR VALVES

AVK Plastics introduces a surface box specially made for air valves. Due to clever design features the H-4055 air valve allows an optimal admittance and discharge of air. The H-4055 air valve is suitable for water or waste water distribution applications and is available as fixed or height adjustable version.



H-4055V air valve

H-4055 air valve



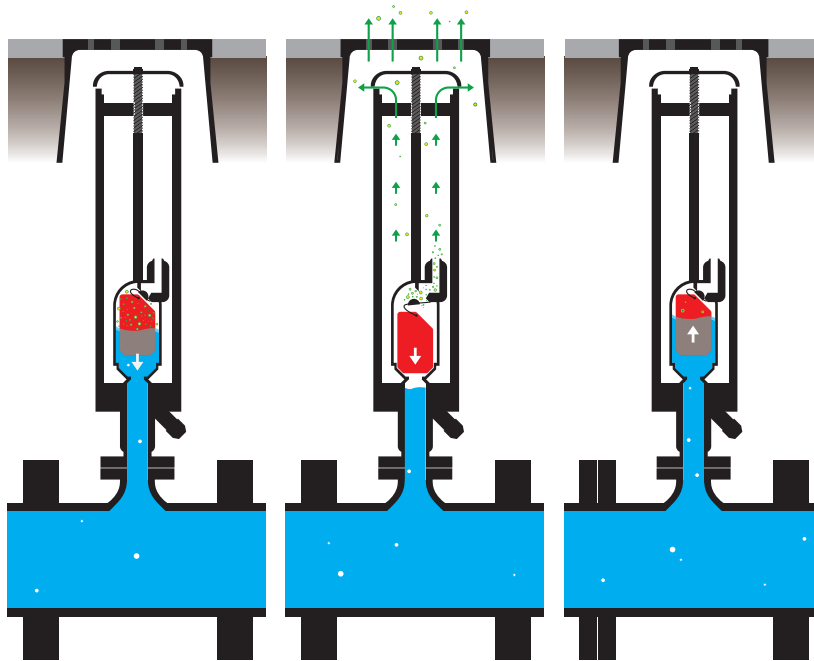
Top view lid

FEATURES

- Lightweight, maintenance free and noiseless design
- 100% recyclable and 50% less use of energy resources compared to the production of cast iron surface boxes
- Ribs in housing ensure optimal fixation in foundation
- Selected materials for housing and lid ensure easy opening at all times
- Various colours and lid inscriptions possible
- Available as lockable version making surface boxes tamperproof
- Heat resistant to max. 250 °C
- Suitable for AVK underground air valve PN16 (S701/84)

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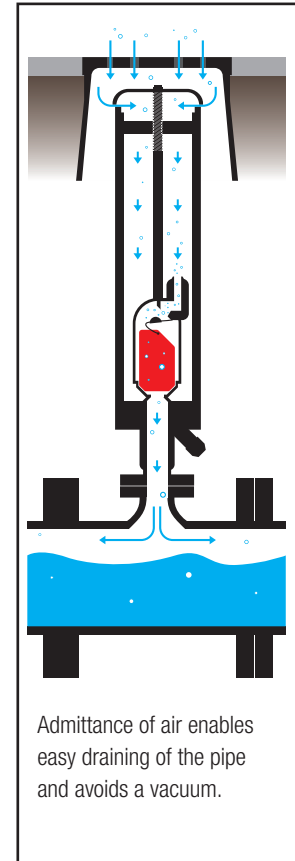
The H-4055 air valve enables a discharge (max. 340m³/h) and admittance of air (max. 160m³/h). Below the functionality and advantages of the surface box are displayed.



1. Accumulation of air causes the waterlevel around the float to drop.

2. Lowering of the float enables the valve to open and excess air/gas to discharge into the surface box and subsequently into open air.

3. The waterlevel rises again and enables the valve to automatically close again.



Admittance of air enables easy draining of the pipe and avoids a vacuum.

ADVANTAGES

- Surface box with a large clear opening to grant access to air valve below
- Multiple holes in the lid allow discharge and admittance of air
 - discharge: max. 340m³/h
 - admittance: max. 160m³/h
- Use of an AVK surface box for air valves prevents the air/gas to accumulate in the surface box and allows the discharge of air/gas into the open air
- Use of an AVK surface box for air valves prevents a vacuum by admitting air into the surface box, valve and eventually pipeline
- Assembling an AVK flexdrain around the air valve prevents dirt to block the in- and outlet, ensuring optimal operation