



# 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-4055 air valve

H-4055V air valve



Top view lid

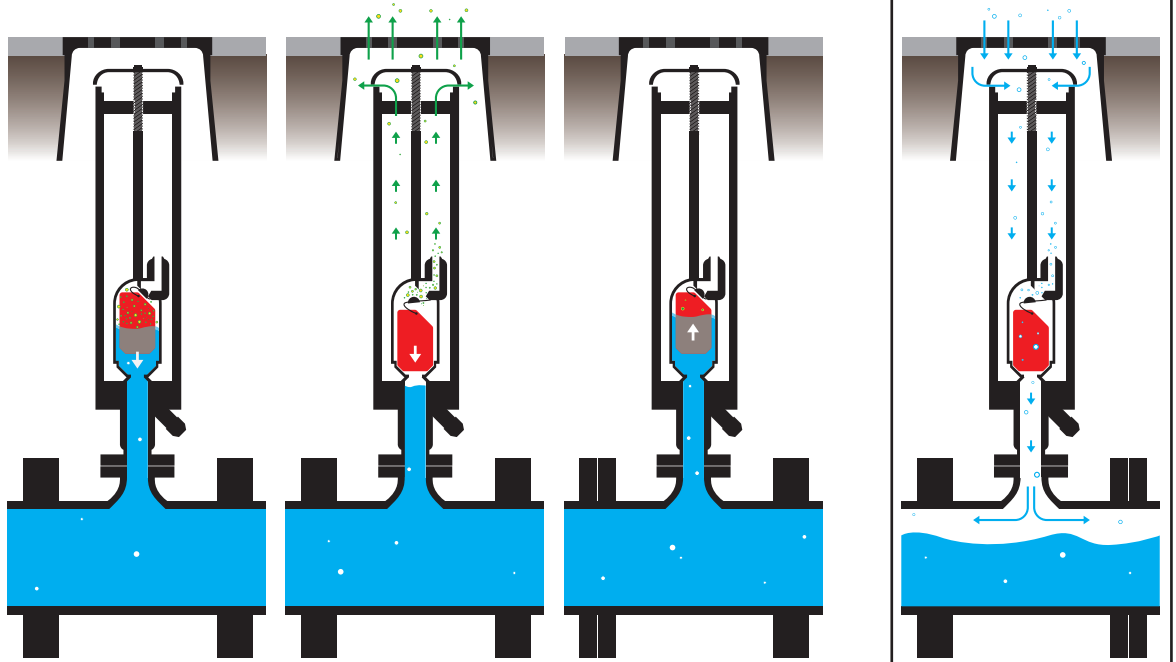
## FEATURES

- Lightweight, maintenance free and noiseless design
- 100% recyclable and 50% less use of energy resources compared to the production of cast iron surface boxes
- Ribbs 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. 340m<sup>3</sup>/h) and admittance of air (max. 160m<sup>3</sup>/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. 340m<sup>3</sup>/h
  - admittance: max. 160m<sup>3</sup>/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