

# AIR VENTS / VACUUM RELIEF VALVES

## Standard Kinetic Air/Vacuum Relief Valve - Mushroom Top

### Description

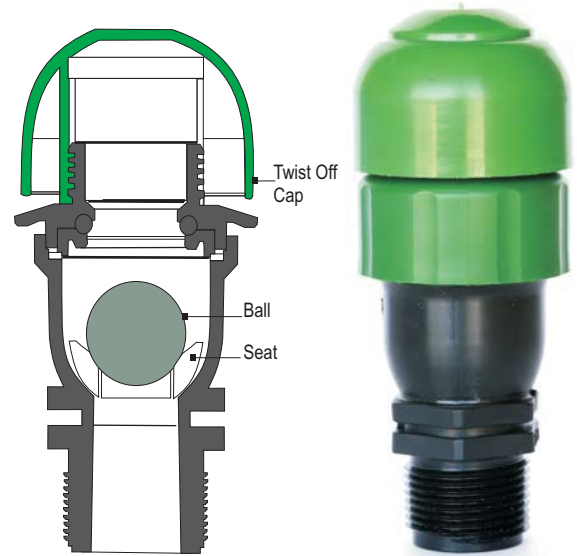
Air release occurs when air escape the system at startup and vacuum relief allows air to enter during shutdown. The air vent vacuum breakers are installed at the highest points in the drip field to keep soil from being sucked into the emitters due to back siphoning and back pressure. This is an absolute necessity with underground drip systems. They are also used for proper drainage of the supply and return manifolds. Use one on the high point of the supply manifold and one on the high point of the return manifold and any high points of the system.

### Features

Geoflow's kinetic air vacuum breakers have a twist off cap that is easy to take apart for cleaning. The large clear passageway allows lots of air to flow in and out easily. The elbow cap design is ideal for directing wastewater spray, directing spray downward. With the ball removed, these airvents can easily be used as a flush port. These can be used in freezing climates to capture warmer air that can be found below ground, in a sump during vacuum.

### Specification

The Air Vacuum Breaker shall provide vacuum relief and non-continuous air relief. Both the body and the ball shall be made of molded plastic. The ball shall be removable for easy cleaning. The air vacuum breaker shall be part number APVBK100M as supplied by Geoflow, Inc.



APVBK100M

Part No.	APVBK100M
Inlet	1"
Max Pressure	80 psi/185 ft.
Max Temp	140° F
Height	5.5"
Weight	1.2 oz.

### Air and Vacuum Flow Rate

