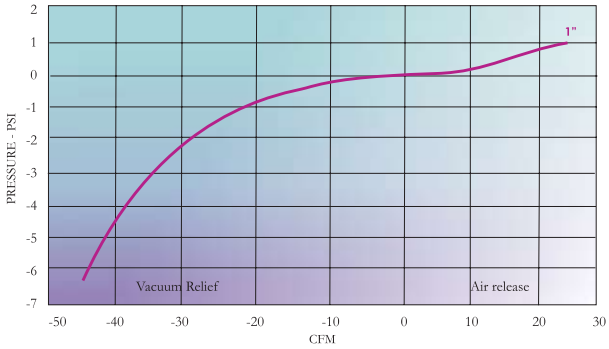
Description

Air release allows air to escape the system at startup and vacuum relief allows air to enter the system during shutdown. Air vents are installed at the high point of the drip field to keep soil from being sucked into the drip emitter due to back siphoning or 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 end of the return manifold and any high points in the system. A pre-installed schrader valve allows pressure testing off the air/vacuum breaker.

Item No.	Inlet	Pressure to seal	Max pressure	Height inches	Width inches	Weight Lbs.
APVBK-1	1" MPT	5 psi	80 psi	5.5	3.43	.67
APVBK-2	2" MPT	1 psi	200 psi	10.75	3.98	6.62

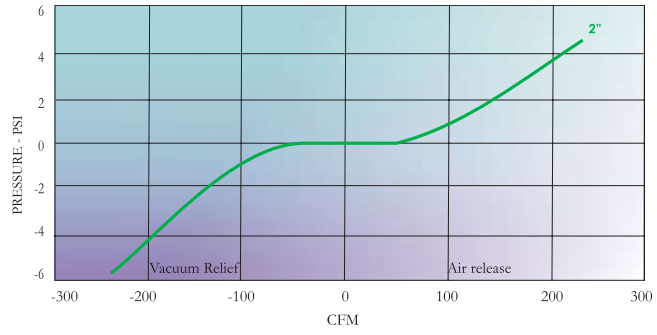
1" Vacuum Relief/Air Release



Specification 1"

The air vacuum breakers provide instant and continuous vacuum relief and non-continuous air release It shall be rated to 80 psi. Both the body and the removable dirt cover shall be constructed of molded plastic. The body and the dirt cover shall be connected with a ¾ inch hose thread. The ball shall be constructed of low density plastic and the internal seat shall be constructed of vinyl. Inlet size shall be 1 inch male pipe thread. The air/vacuum relief valve shall Geoflow Item no. APVBK-1.

2" Vacuum Relief/Continuous Air Release



Specification 2"

The air vent shall provide instant and continuous vacuum relief and air release and continuouis air release. Both the body and the removable dirt cover shall be constructed of molded plastic. It shall be rated to 200 psi. The ball shall be constructed of low density plastic and the internal sear shall be constructed of vinyl. Inlet size shall be 2 inch male pipe thread. Outlet shall be 1.25" socket ell. The air/vacuum relief valve shall Geoflow Item no. APVBK-2.