

Location: \_\_\_\_\_



# AV-P-K

# AIR VENT

**Specification:** This valve has been designed for efficient discharge and intake of air in water transport systems, filtering systems, containers, and other places where confined air could impair the system's operation. The valve is appropriate for:

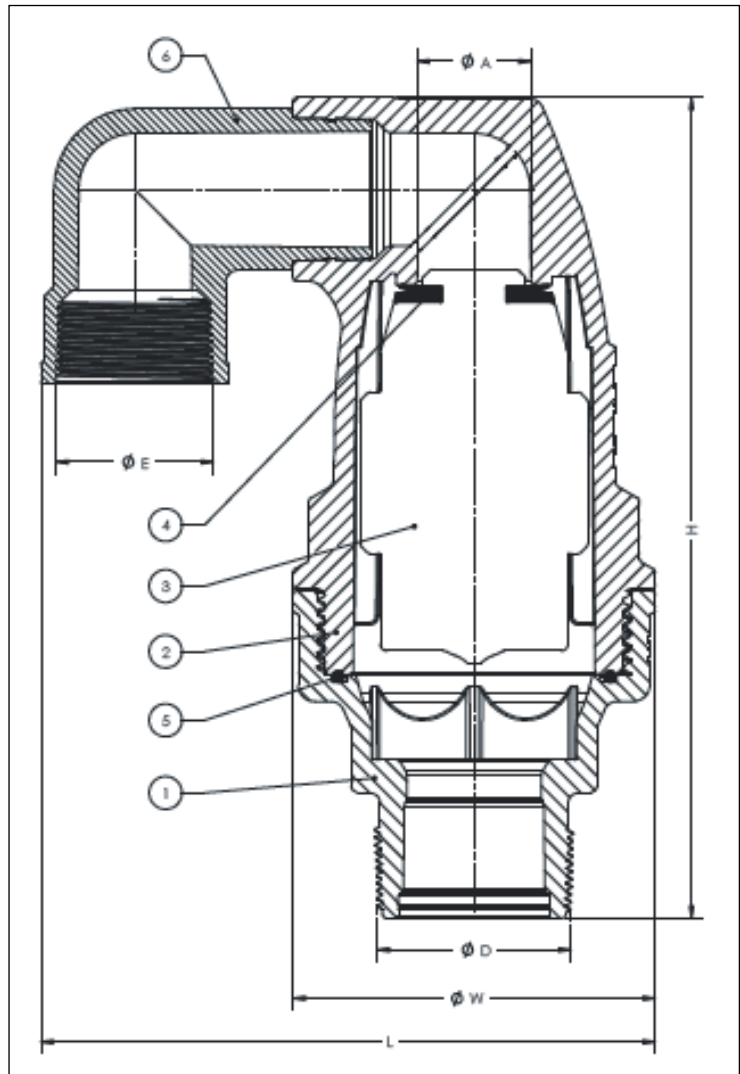
- Expelling the air at high flow velocity during the initial filling of the system.
- Introducing large quantities of air when the pipe drains, maintaining atmospheric pressures in the pipe and preventing collapse and cavitation damage to the conduits.

**Properties:** Leak-proof sealing at all conditions, including low system pressure. The aerodynamic design of the float provides air flow at a very high velocity. The float does not close before the water has reached the valve. Threaded outlet elbow allows various possibilities of drain connection. The valve design contains a very limited number of parts, allowing easy dismantling for maintenance.

**Operation:** The AV-P-K valve has two modes of operation: Discharge of large quantities of air at a high flow velocity when the conduit is being filled. When the water arrives at the valve, the float rises up and closes the outlet. Introduction of air into the pipeline when the internal pressure is sub-atmospheric. The pressure difference forces the float to drop to "opened" position, allowing large volumes of air to flow into the pipe.

Part	Description	Material
1	Bonnet	Glass Reinforced Nylon
2	Body	Glass Reinforced Nylon
3	Float	Foamed Polypropylene
4	Kinetic Seal	EPDM Rubber
5	O ring	NBR
6	Drainage Elbow	Polypropylene

Model No.	Size
AV.50-P-K	1/2"
AV.75-P-K	3/4"
AV1.00-P-K	1"
AV2.00-P-K	2"



CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Job Name: \_\_\_\_\_ Page No: \_\_\_\_\_

Section No: \_\_\_\_\_ Contractor: \_\_\_\_\_

Schedule No: \_\_\_\_\_ Purchase Order No: \_\_\_\_\_