

**APCO AIR RELEASE VALVES (ARV)
SUGGESTED SPECIFICATION**



APPLICATION DATA 200.01-6

December 16, 2015
Supersedes Specification in
Bulletin 600; February, 2014

Air Release Valves shall be APCO model ARV as manufactured by DeZURIK, Inc.

Air Release Valves shall automatically release small pockets of air which accumulate at the high points of a system after it is filled and under pressure.

Air Release Valves shall have the ability to open against internal pressure because it has a small orifice and a leverage mechanism which multiplies the force of the float. This force must be greater than the internal pressure across the orifice in order to open the valve when a pocket of air needs to be vented.

Air Release Valves shall be manufactured and tested in accordance with American Water Works Association (AWWA) Standard C512.

Valve cover shall be bolted to the valve body and sealed with a flat gasket.

Valve needle and seat shall be replaceable and resilient seat seals shall provide drop tight shut off to the full valve pressure rating.

Valve float shall be constructed of stainless steel.

Mechanical linkage shall provide sufficient mechanical advantage so that the valve will open under full operating pressure.

Simple lever designs shall consist of a single pivot arm.

Compound lever designs shall consist of multiple levers.

Two Year Warranty shall be provided for all valves