

**APCO SINGLE BODY COMBINATION VALVES (AVC)
SUGGESTED SPECIFICATION**



APPLICATION DATA 150.01-1

December 16, 2015
Supersedes Specification in
Bulletin 623; July, 2011

Single Body Combination Air Valves shall be APCO model AVC as manufactured by DeZURIK, Inc.

Combination Valve sizes 1-8" (25-200mm) shall have a single body with a double orifice. The large Air/Vacuum orifice shall allow large volumes of air to escape when filling a pipeline and shall close as liquid enters the valve. When the valve is closed and pressurized, the small Air Release orifice will open to allow small pockets of air to escape automatically and independently of the large orifice.

Valves shall be manufactured and tested in accordance with American Water Works Association (AWWA) Standard C512. Air/Vacuum large orifice shall be sized to allow large volumes of air to enter during pipeline drainage to break the vacuum.

Valve body inlet must be baffled to protect the float from direct forces of rushing air and water to prevent premature valve shut-off.

Resilient Valve Seat shall be replaceable and must be fastened to the valve cover without distortion for driptight shut-off.

Valve floats shall be heavy stainless steel. The plug or float shall be center guided through bushings for positive shut-off.

Two Year Warranty shall be provided for all valves.