

**APCO SINGLE BODY SEWAGE COMBINATION
AIR VALVES (ASC) SUGGESTED SPECIFICATION**



APPLICATION DATA 400.01-2

December 16, 2015
Supersedes Specification in
Bulletin 400; August, 2011

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

Sewage Combination Air Valve shall be a single body valve with double orifice.

The large orifice shall allow large volumes of air to escape or enter when filling or draining a pipeline. When the pipeline is filled and pressurized the large orifice shall stay closed. The valve's large orifice shall shut off when the free floating, center-guided plug is raised into the orifice by the lifting force of the concave bottom float.

The valve's small diameter air release orifice shall remain operative and open during normal system operation to allow small pockets of air accumulation to escape automatically and independently of the large orifice.

Valve seat shall be resilient material and must be fastened to the valve cover, without distortion, for driptight shut-off.

Valve float shall be heavily constructed stainless steel; hermetically sealed; and have a concave bottom impact area to provide immediate resistance to flow and instant upwards movement to shut-off the large orifice without spilling.

If specified, optional Backflushing attachments shall include Blowoff valves, with quick disconnect couplings, and minimum 5' (1.5m) hose for flushing.

Two Year Warranty shall be provided for all valves.