

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



APPLICATION DATA 400.01-2

August 20, 2024

Supersedes

December 16, 2015

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 drop tight 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 Backflush Attachments shall include two shutoff valves, 316 stainless steel piping and 5 feet (1.5m) of hose with galvanized steel quick disconnect couplings.

Two Year Warranty shall be provided for all valves.