

**APCO DUAL SEWAGE COMBINATION  
AIR VALVES (ASD) SUGGESTED SPECIFICATION**



**APPLICATION DATA 400.01-4**

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

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Dual Sewage Combination Air Valves shall be APCO model ASD as manufactured by DeZURIK, Inc.

Dual Combination Sewage Air Valves shall consist of an independent large orifice Air/Vacuum Valve with an independent small orifice Air Release Valve side connected. Dual Sewage Combination Air Valves shall provide venting of large volumes of air through the large orifice valve and small pockets of air through the small orifice valve. While pressurized, the accumulated pockets of air will be vented through the small orifice automatically.

The large orifice Air/Vacuum Valve shall open to permit large volumes of air to enter the pipeline to prevent a vacuum when draining or in the event of a break in the pipeline. The large orifice valve shall incorporate one upper float and one lower concave float, thereby maintaining an air gap between the concave bottom float and upper shut-off float.

The small orifice Air Release Valve shall be separated from the large orifice by a piping and a gate valve. The small orifice valve shall have an internal compound lever mechanism including a long float stem with a stainless steel float thereby maintaining an air gap between the float and the mechanism. The air gap shall prevent waste solids from clogging the lever mechanism of the small orifice valve.

Dual Combination Sewage Air Valve may be specified with optional Backflushing Attachments.

Two Year Warranty shall be provided for all valves.