

**APCO SEWAGE AIR/VACUUM VALVES (ASV)
SUGGESTED SPECIFICATION**



APPLICATION DATA 400.01-1
December 16, 2015
Supersedes Specification in
Bulletin 400; August, 2011

Sewage Air/Vacuum Valves shall be APCO model ASV as manufactured by DeZURIK, Inc.

Sewage Air/Vacuum Valves shall be specifically designed for operation on sewage or waste media. The valve shall automatically provide the release of large volumes of air during pipeline filling. The valves will remain closed and will not reopen when the system is full and under positive pressure. The valves will open under negative pressure to admit large volumes of air during pipeline draining to prevent vacuum.

Sewage Air/Vacuum Valve shall incorporate two stainless steel floats directly connected by a stainless steel stem, to maintain an air gap between the bottom concave float and top shut-off float.

An air gap shall prevent waste solids from fouling or clogging the top shut-off float.

All valve internals shall be easily removed through the top cover without removing the main valve from the line.

Valve internal baffle shall be fitted with a guide bushings and act to protect the shut-off float from direct airflow. The baffle shall retain the resilient seat without distortion and shall provide drip tight shut-off.

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.