

Do gases and corrosive elements in the sewage system “eat-up” your air valves?

Gasses and aggressive materials in wastewater systems generate often-massive corrosion in fittings and accessories installed in the systems. Years of frustration from corrosion that “ate-up” air valves, brought A.R.I.’s R&D engineers to develop air valves that are capable of resisting the attack of the aggressive elements in the wastewater systems. Some of the special features of these valves are:

- **Three different options for body materials and/or protective coatings**
 - * **Fiber reinforced nylon**
 - * **316 Stainless Steel**
 - * **Ductile Cast Iron with a 250micron (9.84mil), oven baked, Phenolic Epoxy Coating**
- **All internal parts are made of corrosion resistant materials**
- **The, specially designed, conical body shape insures maximum clearance between the liquid and the sealing mechanism, and the funnel shaped base assures the settlement of suspended solids back to the pipe, and their removal by the flow stream, thus, preventing their accumulation within the valve**

The D-020 and the D-025 Combination Wastewater Air Valves were designed to provide maximum flow efficiency and system protection, while their special body structure prevents contact between the sewage and the sealing mechanism, and ensures drip tight sealing.

A patented seal plug assembly, and a rolling resilient seal, provide smooth, reliable operation, maintenance free long life, and leak free sealing, over a wide range of pressure differentials.

Just 1½ foot in height, the short version D-025 is a big money saver for municipal wastewater systems.

- **The compact body design of the D-025, allows for smaller valve boxes (manholes).**