



# RARITAN VALVE & AUTOMATION

VALVES · ACTUATORS · CONTROLS · SERVICE

## PROTECT PIPELINES FROM AIR, SURGE & VACUUM DAMAGE

### VAL-MATIC® AIR RELEASE, AIR/VACUUM & COMBINATION AIR VALVES

Val-Matic® air valves are engineered to protect pipelines from trapped air, vacuum collapse, and damaging pressure surges. Designed in accordance with AWWA C512, Val-Matic air valves improve system reliability, reduce energy loss, and extend pipeline life in municipal and industrial applications.

From startup and shutdown events to continuous operation, Val-Matic air valves provide automatic, maintenance-friendly protection at critical locations along the pipeline – supported locally by Raritan Valve & Automation (RVA) with engineering, specification, and submittal expertise.

### WHY CHOOSE VAL-MATIC AIR VALVES?

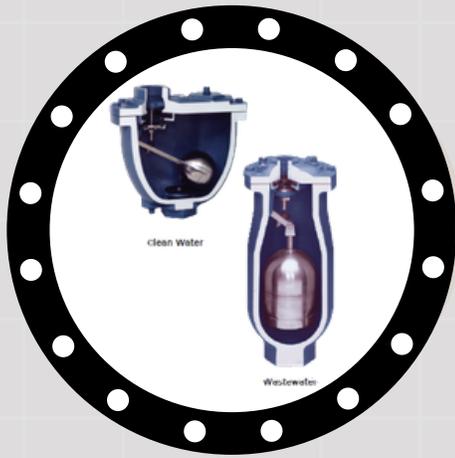
- Proven designs for water & wastewater transmission and distribution
- Conformance with AWWA C512 and AWWA M51 placement guidance
- NSF/ANSI 61 & 372 certified for potable water applications
- AIS / BABA compliance available for federally funded projects
- Sizes ½" through 20"+ with multiple body configurations
- Optional surge control, slow-closing & throttling devices
- Supported by RVA for selection, sizing & spec compliance



RELIABLE PIPELINE  
PROTECTION

SCAN FOR  
FULL CATALOG

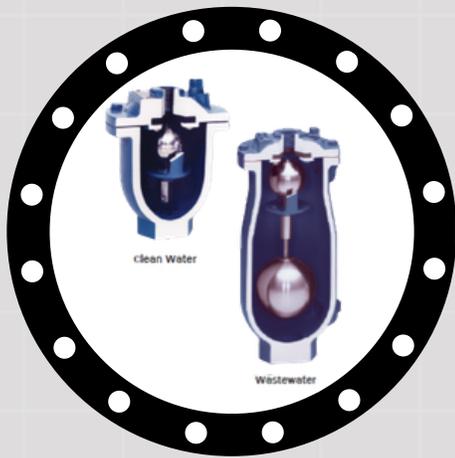




### VAL-MATIC - AIR RELEASE VALVES

Val-Matic Air Release Valves automatically vent small volumes of entrained air from pressurized pipelines during normal operation. These valves prevent air binding, reduce headloss, and improve pump and meter performance.

Typical Applications include high points in pressurized pipelines, upstream of flow meters, long horizontal runs, and pump discharge piping.



### VAL-MATIC - AIR/VACUUM VALVES

Air/Vacuum valves release large volumes of air during pipeline filling and admit air rapidly during draining or power failure. These valves protect pipelines from vacuum conditions that can lead to pipe collapse.

Applications include pipeline high points, pump discharge locations, long ascents, transmission mains, and vertical turbine pump installations.



### VAL-MATIC COMBINATION AIR VALVES

Combination Air Valves integrate air release and air/vacuum functions into a single assembly, providing complete protection during filling, operation, and draining.

Available in compact single-body or dual-body configurations, combination valves are ideal for true high points and transient-prone locations.

**RELIABLE PIPELINE PROTECTION**