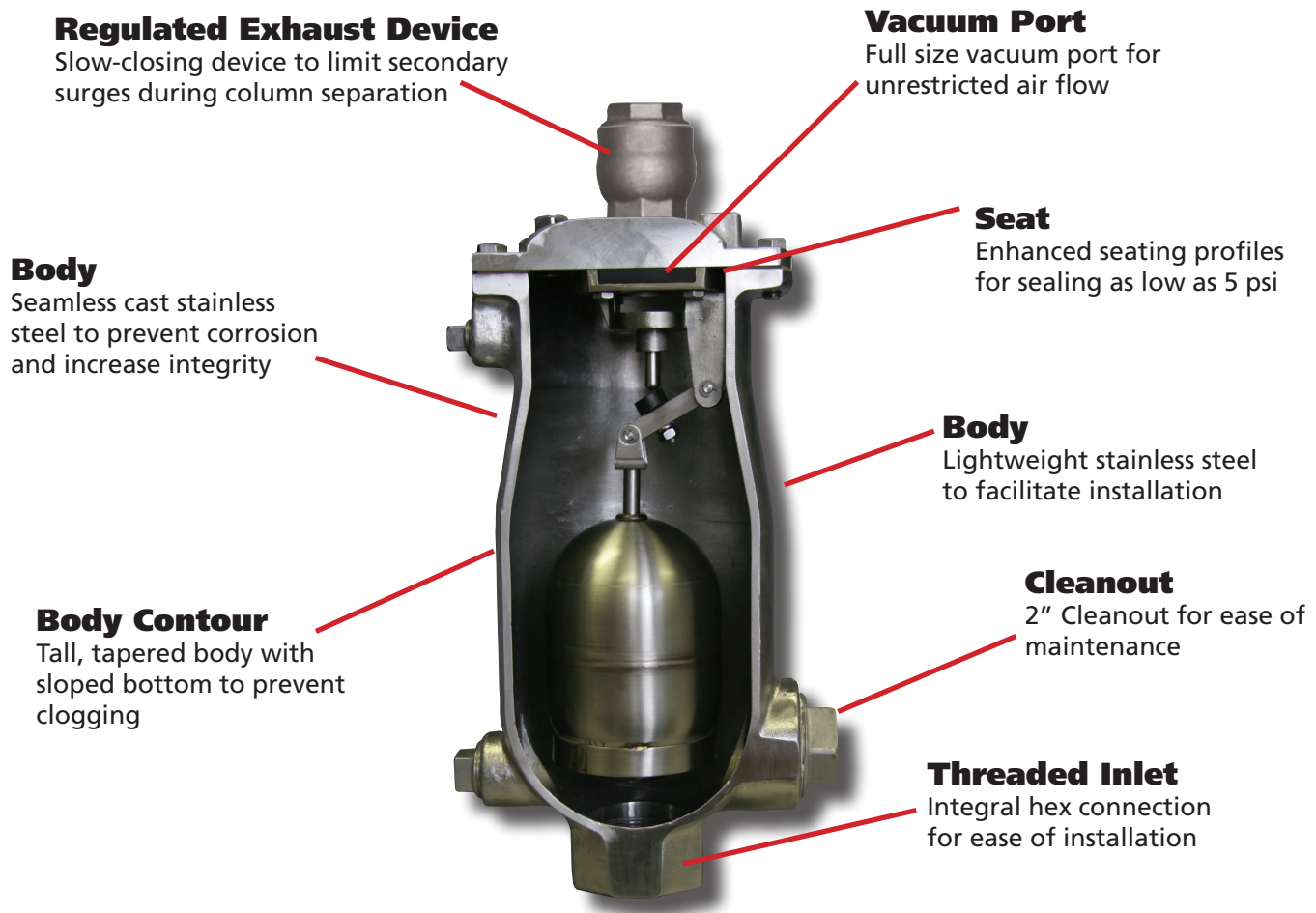




## Slow-Closing Surge Suppression Wastewater Air Valves

A surge suppression air valve is a combination air valve equipped with a regulated exhaust device (slow-closing devices) used to limit secondary surges during column separation. The Val-Matic® Surge Suppression Air Valve provides full airflow into the pipeline during vacuum conditions to protect the pipeline and prevent a vapor pocket (vacuum) from forming.



## Product Scope

- Size Range: 1" - 4"
- Pressure Rating: 150 PSI
- T316 Stainless Steel Body, Bolts, Pipe Plugs, Trim and Float
- Fully Compliant with AWWA C512
- Buna-N Resilient Seating
- Unconditionally Guaranteed Float
- Removeable Cover for Inspection and Maintenance
- Backwash Ports Provided
- Available as AIS Compliant

# Functions

- Admitting Large Volumes of Air During Shut Down and Draining Operations (Power Failure)
- Air Related Headloss Protection (Efficiency)
- Air Related Surge Protection
- Preventing Column Separation
- Control Air Valve Exhaust
- Maintain Pipeline Efficiency
- Regulated-Exhaust of Large Volumes of Air During Start-Up and Filling Operations
- Vacuum Protections (Pipe Joints, Gaskets, Packing, Etc.)
- Venting of Accumulated Air During System Operations

# Applications

The valve design provides ease of maintenance and years of trouble-free operation in the harshest conditions. The cast stainless steel bodies are recommended for severe service where hydrogen sulfide or industrial chemicals produce accelerated corrosion in iron.

- Booster Pump Station
- Filter Backwash Piping
- Force Main
- High Points
- Industrial Process Water
- Pressure Filters
- Pulp/Paper
- Pump Station High Points
- Slurries, Mining, Bottom Ash
- Storage Tank Valves
- Water Distribution and Transmission

***DON'T LET THIS HAPPEN TO YOU, PROTECT YOUR PIPELINE!***

