

Figures 925SS, 925SSF, 925SSL, 925SSLF

Sewage/Wastewater Air Release Valve

Durovent™ All 316 Stainless Steel Construction

Description

GA Industries Figures 925SS and 925SSL automatically and efficiently release air and gas that have collected in the valve while under pressure and operational. Typically installed at high points where air and gas naturally collect, the valve opens when sufficient air and gas has accumulated in the valve and closes tightly after the air has been released.

Whether due to the fluid itself or ambient conditions, Durovent® Wastewater Air Release Valves provide the ultimate in corrosion resistance since the body, cover, float, internal linkage, external fasteners and pipe plugs are all made from Type 316 stainless steel. The valves also employ a specially designed elongated body to maintain the solids bearing fluid far enough below the internal mechanism to minimize clogging and maintenance.

Figures 925SSF and 925SSLF include optional “back flushing attachments” to facilitate cleaning sludge and debris from the valve.

Product Features

- Rugged cast 316 stainless steel body and cover
- Compound lever design allows larger venting orifice and higher venting rate
- Corrosion resistant Type 316 stainless steel float and internal mechanism – no plastic components
- Tight sealing and easily replaceable rubber seat
- 2” NPT plugged port to facilitate removal of large debris

Standard Materials

- Body & Cover Stainless Steel, Type 316
- Float Stainless Steel, Type 316
- Internal Linkage Stainless Steel, Type 316
- Replaceable Seat Buna-N
- External Fasteners Stainless Steel, Type 316
- Pipe Plugs Stainless Steel, Type 316

Non-Shock Working Water Pressure at up to 150F (66C)				
Figure Nos.	925SSL, 925SSLF		925SS, 925SSF	
Connections	NPT	CL125	NPT	CL125
Inlet Size	2" or 3"	4"	2" or 3"	4"
Outlet Size	½"		½"	
Orifice Diameter	0.313"		0.188"	
Working Pressure	10-75 PSI		10-150 PSI	
Pressure Rating	200 PSI		200 PSI	
Hydro Test	300 PSI		300 PSI	
Weight	60 lbs.		60 lbs.	



Approvals & Certifications

- Complies with AWWA Standard C512

Options/Accessories

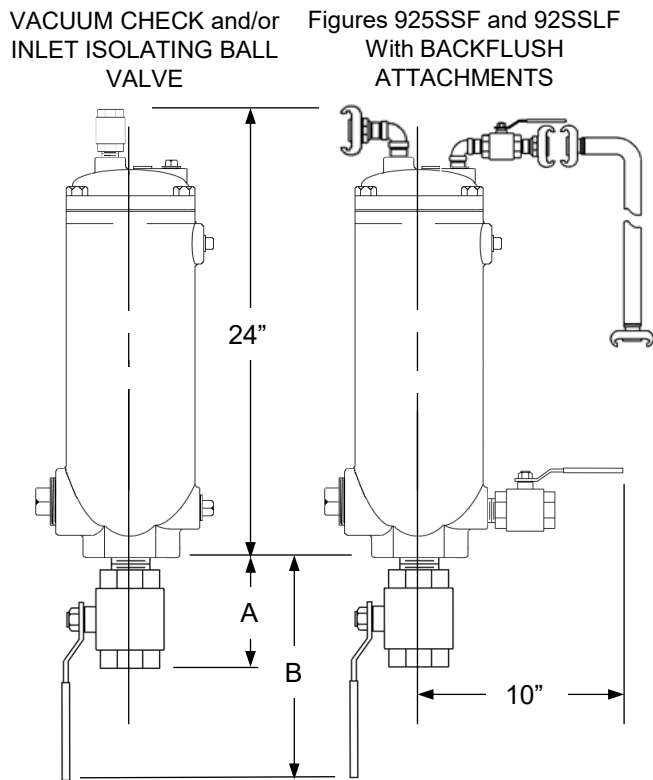
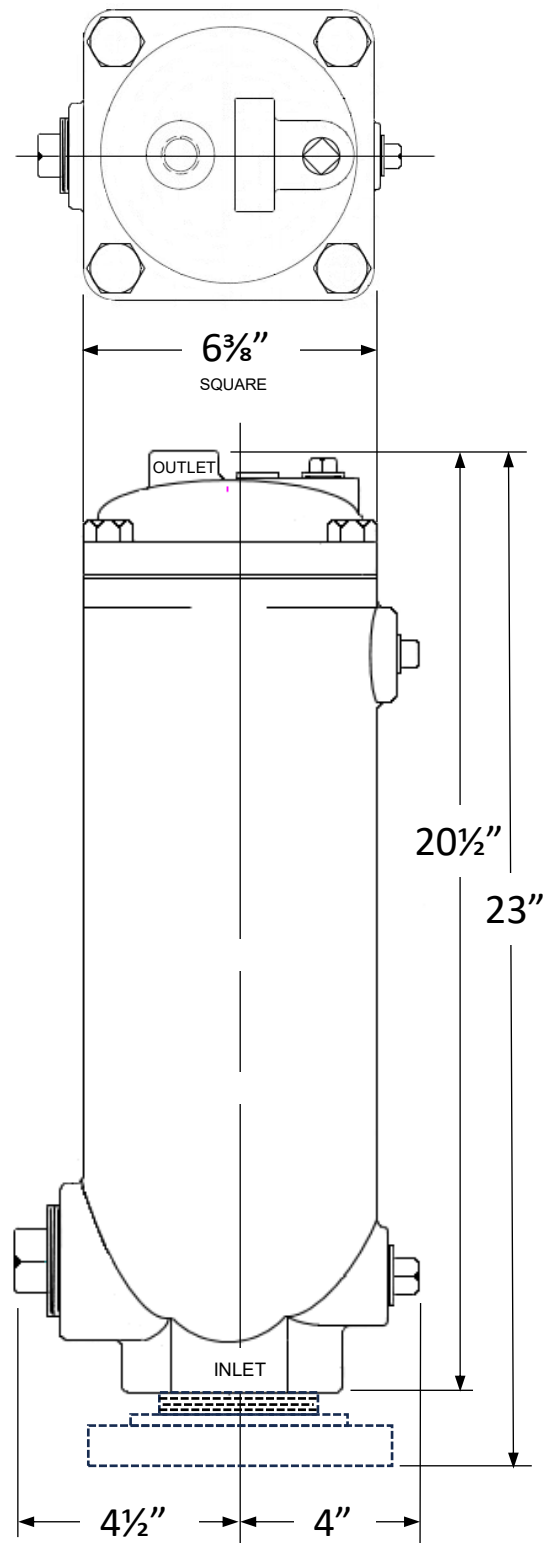
- Option BA Build America/Buy America (BABA) and American Iron and Steel (AIS) Compliant
- Option FA 316SS Backflush Attachments – inlet isolating valve, ½” flushing valve, 1” blow off valve, quick connect couplings and 5 ft. rubber hose (2” & 3” only)
- Option IV Inlet Isolating Valve – lever operated 316SS ball valve (included with 2” & 3” backflush attachments)
- Option US American Iron and Steel (AIS) Compliant
- Option VC Vacuum Check – prevents air re-entry if internal pressure falls below atmospheric

Ordering Data

- Figure Number (925SS, 925SSF, 925SSL or 925SSLF)
- Size
- Options/Accessories

Data Sheet 925SS.01E

Pressure At Valve Inlet	Air Venting Rate, Standard Cubic Feet/Min (SCFM)	
	Figure 925SSL	Figure 925SS
10 PSI	24.3	8.7
15 PSI	29.4	10.6
25 PSI	39.3	14.1
50 PSI	64.0	23.1
75 PSI	88.8	32.0
100 PSI		40.9
150 PSI		58.7



CONNECTION SIZE	2"	3"
A	5"	8"
B	8"	5"
Add for Vacuum Check	1 lb.	1 lb.
Add for Inlet Ball Valve*	2 lbs.	8 lbs.
Add for Backflush Attachments*	15 lbs.	21 lbs.

* Not available on 4" flanged inlet valves

All dimensions and weights are approximate. If critical request certified drawings