

Figures 925, 925F, 925L, 925LF Sewage/Wastewater Air Release Valve

Description

GA Industries Figures 925 and 925L 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.

The valves employ a specially designed elongated body to maintain the solids bearing fluid far enough below the internal mechanism to minimize clogging and maintenance.

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

Product Features

- Rugged iron body and cover
- Compound lever design allows larger venting orifice and higher venting rate
- Corrosion resistant Type 316 stainless steel float and internal mechanism
- Tight sealing and easily replaceable rubber seat
- 2" NPT plugged port to facilitate removal of large debris

Standard Materials

- Body & Cover Cast Iron, ASTM A126 Class B
- Float Stainless Steel, Type 316
- Internal Linkage Stainless Steel, Type 316
- Replaceable Seat Buna-N
- External Fasteners Steel, A307, Zinc Plated

See Data Sheet 925SS.01 for Durovent™ all 316SS construction version

Corrosion Protection

- Standard: Uncoated internal, external enamel primer, 2 mil DFT
- Optional See Option P2

Non-Shock Working Water Pressure at up to 150F (66C)		
Figure Nos.	925L, 925LF	925, 925F
Connections	NPT	NPT
Inlet Size	2" or 3"	2" or 3"
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

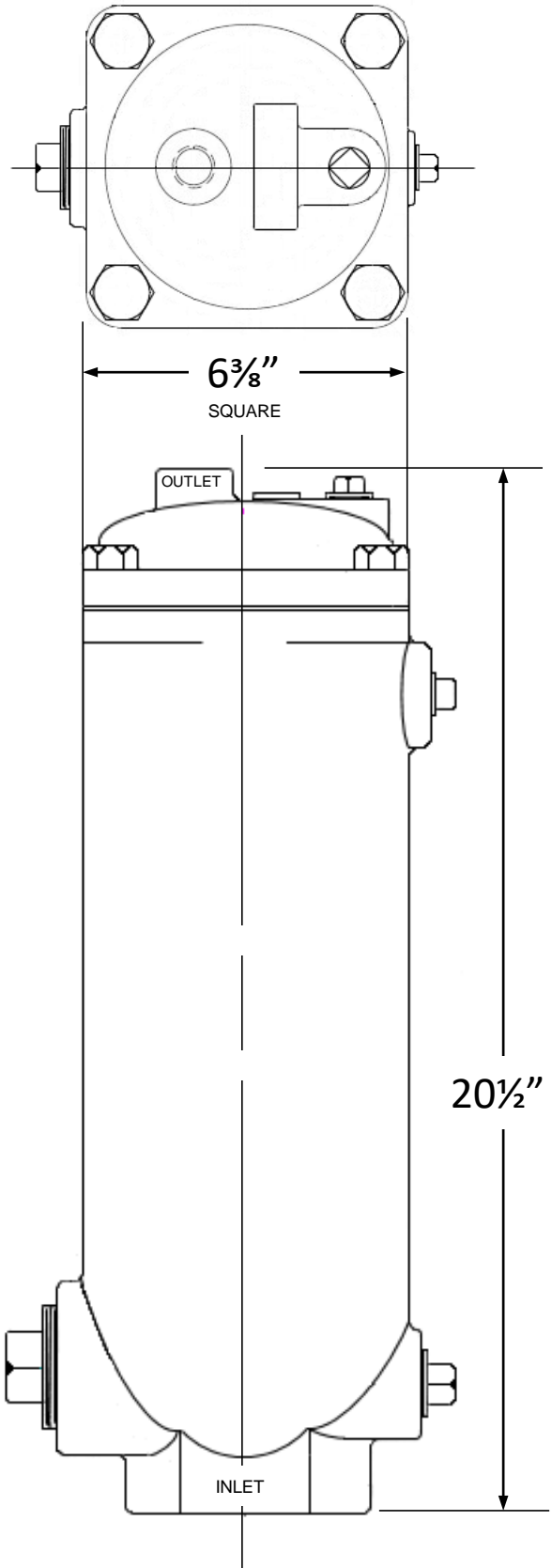
- Option VC: Vacuum Check – prevents air re-entry if internal pressure falls below atmospheric
- Option IV Inlet Isolating Valve – lever operated bronze ball valve (included with backflush attachments)
- Option P2 316 Stainless Steel external fasteners and internal/external Carboline 891 NSF-61 certified 2-part epoxy, 6 mil DFT

Ordering Data

- Figure Number (925, 925F, 925L or 925LF)
- Size
- Options/Accessories

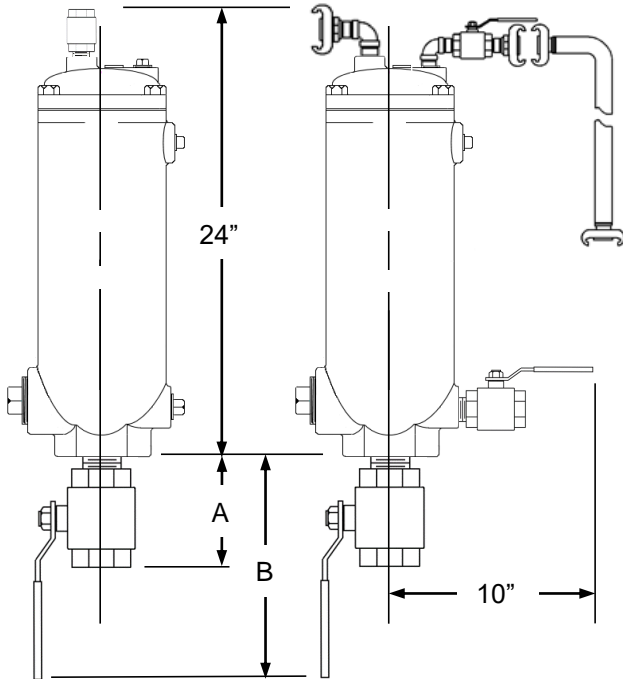
Data Sheet 925.01B

Pressure At Valve Inlet	Air Venting Rate, Standard Cubic Feet/Min (SCFM)	
	Figure 925L	Figure 925
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



VACUUM CHECK and/or
INLET ISOLATING
BALL VALVE

Figures 925F and 925LF
With BACKFLUSH
ATTACHMENTS



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.

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