

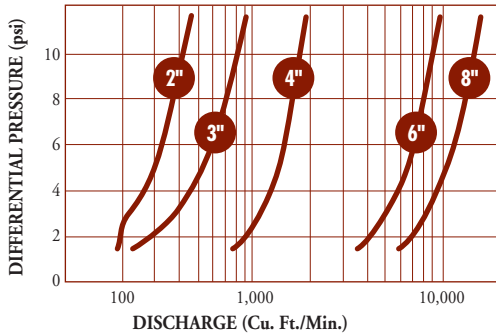


2" to 6" Air Vents

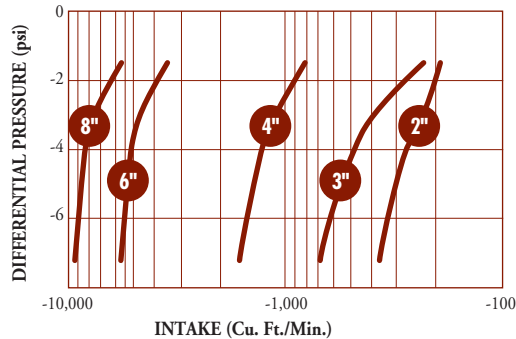
for Copper Mines

Continuous Acting Air Relief and Vacuum Breaker

KINETIC AIR Discharge Chart



KINETIC AIR Intake Chart



Product Advantages

- Reliable operation reduces water hammer incidents.
- Dynamic design allows high velocity air discharge, up to 12 psi differential pressure; preventing premature closing.
- Lightweight, small dimensions, simple and reliable structure.
- Special nozzle design: combination of St.St. and E.P.D.M. rubber, assures long-term maintenance free operation.
- The automatic valve float, coated with soft rubber, ensures sealing at low pressures.
- The automatic valve plastic screen basket prevents contact between the float and the casting, enabling smooth operation.



Specifications

Body - Stainless Steel SAE 316.

Threads are available in NPT.

Flanges are available in ANSI standards.

Working pressure range: 3-230 psi.

Available Sizes: 2", 3", 4", 6".

ORDERING INFORMATION

Nominal Size	Part Number	Material
2"	65D0102SS	Stainless Steel
3"	65D0103SS	Stainless Steel
4"	65D0104SS	Stainless Steel
6"	65D0106SS	Stainless Steel



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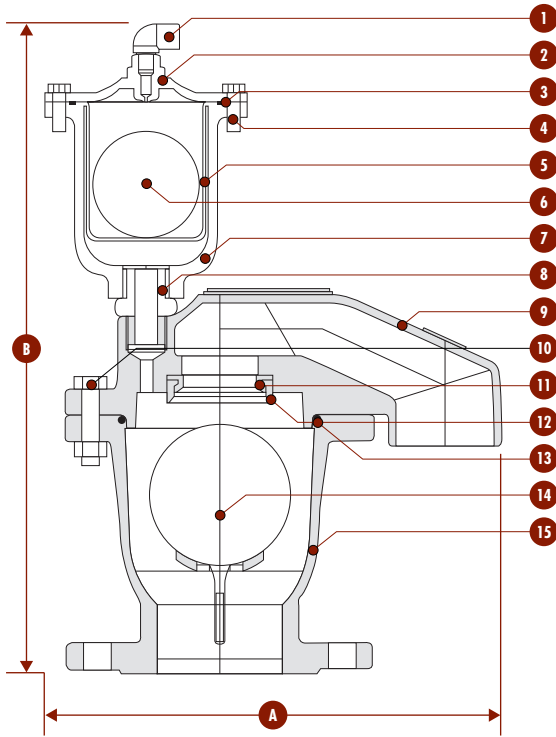
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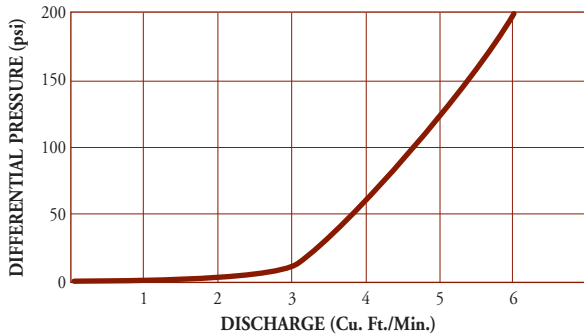
2" to 6" Air Vents for Copper Mines Specifications



Parts List and Specifications

No.	Part	Material
1.	Drainage Elbow	Stainless Steel 316
2.	Cover and Nozzle	Stainless Steel 316
3.	O-Ring	BUNA-N
4.	Bolt and Nut	Stainless Steel 316
5.	Screen Basket	Polypropylene
6.	Float	Stainless Steel 316
7.	Body	Stainless Steel 316
8.	Male Adapter	Stainless Steel 316
9.	Cover	Stainless Steel 316
10.	Bolt and Nut	Stainless Steel 316
11.	Nozzle Seat	Stainless Steel 316
12.	Nozzle Seal	Rubber E.P.D.M
13.	O-Ring	BUNA-N
14.	Float (2" to 4", 6")	Stainless Steel 316
15.	Body Basket (in 2")	Stainless Steel 316 Polypropylene

AUTOMATIC AIR Discharge Chart



DIMENSIONS AND WEIGHTS

Nominal Size	Dimensions (in.)		Weight (lbs.)	Orifice Area Kin Valve (Sq. In.*)	Drainage Outlet	
	A	B			Internal	External
2" Threaded	6 19/32	15 1/2	27.32	1.23	1.5 BSB**	-
2" Flanged	7 19/32	15 23/32	32.83	1.23	1.5 BSB**	-
3"	11 3/4	16 11/32	46.28	2.8	2 1/2	2 15/16
4"	13 7/8	16 3/4	64.35	5.14	3 2/32	3 25/32
6"	21 25/32	25 13/64	178.52	27.376	4 29/32	5 17/32

*Automatic Valve Orifice Area: 0.00155 sq. in. for all valves.

**Threaded.

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