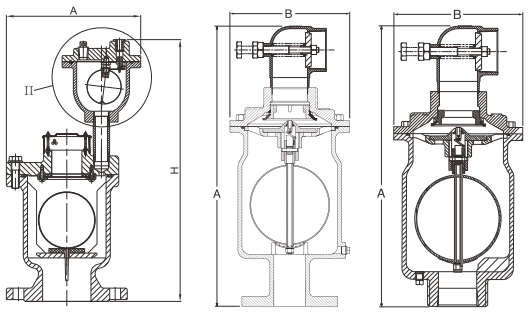
Combination Air Release & Vacuum Breaker Valve

Combination Air Release & Vacuum Breaker Valve has the features of both air/vacuum valve and air release valve. It performs the same function as air/vacuum valve to release or admit large quantity of air, and also release small air like an air-release valve.



- Certificate: UL Listed
- Standard: UL 2573, NFPA 20, AWWA C512
- Connection: Threaded NPT, Flanged as B16.1 Class 125, B16.5 Class 150, etc.
- Feature: Large and small orifices, vent and admit air
- Temperature: 0 ~ 80°C
- W. pressure: 300 psi
- Surface: FBE coating as AWWA C550



Main parts and material

Body / bonnet	Ductile iron as ASTM A536, 65-45-12	**Float ball assembly**	SS 304
Internal trim parts	SS 304, or SS 304 and Delrin	**Seal**	EPDM, Nitrile rubber, or Viton

Available Size (Source 1 with UL)

Inlet	Outlet 1	Orifice 1	Outlet 2	Orifice 2	Dimension (mm) H	Working pressure (psi)	Ref. No.
1" NPT / BSPT	1/2" NPT	3/4"	/	/	308	250	U3901
1-1/4" NPT / BSPT	1/2" NPT	3/4"	/	/	308	250	U3902
1-1/2" NPT / BSPT	1/2" NPT	3/4"	/	/	370	250	U3903
2" FLG / NPT / BSPT	1-1/4" NPT	1-1/4"	1/2" NPT	1/16"	379	300	U3904
2-1/2" FLG	2" NPT	2"	1/2" NPT	1/16"	435	300	U3905
3" FLG / NPT / BSPT	2" NPT	2"	1/2" NPT	1/16"	435	300	U3906
4" FLG	2-1/2" NPT	2-1/2"	1/2" NPT	1/16"	476	300	U3907

Note: For NPT / BSPT inlet, only ISO listed available.

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Available Size (Source 2 with UL)

Inlet	Outlet	Orifice	Dimension (mm)		Working pressure (psi)	Ref. No.
			A	B		
1" FLG / NPT	1" NPT	0.076"	11.81"	4.13"	300	U3911
2" FLG / NPT	2" NPT	0.076"	16.50"	7.50"	300	U3912
3" FLG / NPT	3" NPT	0.076"	18.50"	9.25"	300	U3913
4" FLG / NPT	4" NPT	0.076"	20.00"	9.25"	300	U3914
6" FLG / NPT	6" NPT	0.076"	/	/	300	U3915

Note: For end connection, it is also available with flanged as ANSI class 150 / 300, and it is ISO certified, not UL.