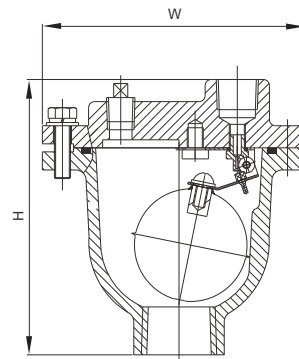


Air release valve

Air release valve is used in wet pipe sprinkler systems and on casing of horizontal split case pump, so to automatically release small pockets of accumulated air while the system operates under pressure exceeding atmospheric pressure.



- Certificate: UL Listed / FM Approved
- Standard: UL 2573, NFPA 20, AWWA C512
- Connection: Threaded, NPT / BSPT / BSPP
- Feature: Small orifice, vent air only
- Temperature: Max 82°C, water
- W. pressure: 300 / 250 / 200 psi
- Surface: FBE coating as AWWA C550



Main parts and material

Body / bonnet	Ductile iron as ASTM A536, 65-45-12 / Gray cast iron, EN1561	Float	SS 304
Internal trim parts	SS 304	Seal	EPDM, Buna-N, or Viton

Available size (Source 1 with UL/FM)

Inlet	Outlet	Orifice	Dimension (mm)		Working pressure (psi)	Ref. No.
			H	W		
1/2" NPT	1/2" NPT	1/16"	149	95	300	U1701 (UL/FM)
3/4" NPT	1/2" NPT	1/16"	149	95	300	U1702 (UL/FM)
1" NPT	1/2" NPT	1/16"	149	95	300	U1703 (UL/FM)

Air release valve

Available size (Source 2 with UL/FM)

Inlet	Outlet	Orifice	Dimension (mm)		Working pressure (psi)	Ref. No.
			H	W		
1/2" NPT	1/2" NPT	1/16"	137	125	300	U1711 (UL/FM)
1/2" NPT	1/2" NPT	3/32"	137	125	300	U1712 (UL/FM)
3/4" NPT	1/2" NPT	1/16"	137	125	300	U1713 (UL/FM)
3/4" NPT	1/2" NPT	3/32"	137	125	300	U1714 (UL/FM)
1" NPT	1/2" NPT	1/16"	137	125	300	U1715 (UL/FM)
1" NPT	1/2" NPT	3/32"	137	125	300	U1716 (UL/FM)

Available size (Source 2 with ISO)

Size		Connection	Dimension (mm)		Working pressure (psi)	Ref. No.
Inch	DN		H	D		
2"	50	FLG	221	65	250	U1717 (ISO)
2-1/2"	65	FLG	270	94	250	U1718 (ISO)
3"	80	FLG	270	94	250	U1719 (ISO)
4"	100	FLG	290	110	250	U1720 (ISO)
6"	150	FLG	345	150	250	U1721 (ISO)
8"	200	FLG	385	150	250	U1722 (ISO)

Available size (Source 3 with FM)

Inlet	Outlet	Orifice	Dimension (mm)		Working pressure (psi)	Ref. No.
			H	W		
1/2" NPT / BSPT / BSPP	1/2" NPT	1/16"	137	125	200	U1731 (FM)
3/4" NPT / BSPT / BSPP	1/2" NPT	1/16"	137	125	200	U1732 (FM)
1" NPT / BSPT / BSPP	1/2" NPT	1/16"	137	125	200	U1733 (FM)