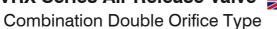
Conex | Bänninger

Valves

AVRX Series Air Release Valve





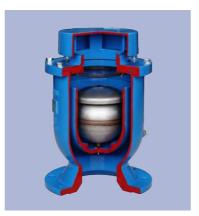




Features and Benefits:

- · Combination Air Valves perform the functions of an Air/Vacuum Valve (exhaust large quantities of air on start-up, admits air on shut-down) and Air Release Valves (release air continuously during operation) to maintain system efficiency and prevent pipeline surges.
- · Able to release air at high flow rates.
- No shut off due to negative pressure caused by high-speed airflow.
- No airtight phenomenon: minimum air pressure doesn't limit valves.
- · Air release can be as high as sonic speed.

- · The automatic air release function releases accumulated air from the system while it is under pressure.
- High sensitivity: when negative pressure occurs inside pipelines, valves rapidly open to inhale large volumes of air and protect the pipelines from damage.
- Floating ball and main disc are in stainless steel. This provides long service life, safety and reliability.
- · Electrostatically applied Akzo Nobel epoxy powder internally and externally.

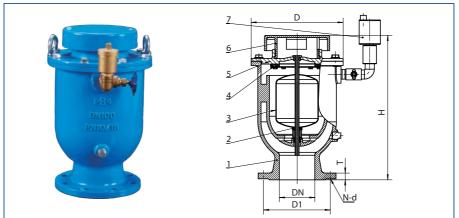


Combination	on Air I	Releas	e Valve	- AVRX	un	it:mm				
NO	Size	DN	н	D1	т	N-d	D	Weight(kg)	Europe Code	Other Code
28161170001	2"	50	340	125	19	4-19	195	16.3	A0050CFDMNMSSE	A0050CFDMNMSSO
28161181001	3"	80	340	160	19	8-19	195	19.0	A0065CFDMNMSSE	A0065CFDMNMSSO
28161182001	4"	100	410	180	19	8-19	250	34.5	A0080CFDMNMSSE	A0080CFDMNMSSO
28161191001	6"	150	485	240	19	8-23	330	48.0	A0100CFDMNMSSE	A0100CFDMNMSSO
28161192001	8"	200	665	295	20	12-23	450	116.2	A0200CFDMNMSSE	A0200CFDMNMSSO

Conex | Bänninger **Valves**

AVRX Series Air Release Valve





Technical Data:

Size: DN50 \sim DN200(2" \sim 8") Nominal pressure: PN 16 Temperature range: 0°C ~ 80°C Flange Standard: EN1092-2 Design Standard: AWWA C512

Application: Water

Materials Specifications

No.	Component	Material
1	Body	QT450-10
2	Gasket	EPDM
3	Ball	SS304/SS316
4	Sealing Ring	EPDM
5	Bonnet	QT450-10
6	Cover	QT450-10
7	Combination Air Valve	Ball Valves+ Air Valve

Instructions:



- A) The air release valve is suitable for installation at outlet of pump, or in water supply pipeline.
- B) Valves must be installed at the system high point in the vertical position with the inlet down.
- C) The pressure in system should not less than 0.02Mpa. Otherwise the valve can't close.
- D) A shut off valve should be installed below the air release valve in case servicing is required.

























Conex Universal Limited: Global House, 95 Vantage Point, The Pensnett Estate, Kingswinford, West Midlands DY6 7FT, UNITED KINGDOM. Tel: +44 (0)121 557 2831 | Fax: +44 (0)121 520 8778 | Email: salesuk@ibpgroup.co.uk | Website: www.ibpgroup.com



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