

AZUD VORA



Air release valves that allow the introduction of air during the emptying of a pipeline (vacuum breaker), the extraction or introduction of air during the filling or emptying of a pipeline (double acting - kinetic) and the purging of accumulated air in pressurized pipelines (triple acting - automatic).

Designed to prevent cavitation and failures due to overpressure or negative pressure, which could cause dripper clogging.

Technical characteristics

- **Models:** Antivacuum, Double effect-kinetic, Triple effect-automatic
- **Connection:** Ø3/4" - Ø2" Thread
- **Material:** Polymeric
- **Nominal pressure:** PN16* (*Antivacuum PN12)



Unique selling points



Protection

Inlet screen that blocks particles during air intake or discharge, preventing contamination



Safety

Prevents premature closure even with high air discharge flow rates and guarantees system tightness at very low pressures, validated on test bench



Sustainability

Compact design that optimizes transport and logistics without reducing air intake and discharge capacity

Product range

Model	Functionality	Representative image	Connection diameter	Output type	Working pressure range	Un/Box
					bar	
air1	Antivacuum		3/4"	Opening with Protective Screen	0.5 - 12	57
air2	Double effect-kinetic		3/4"	3/4" Female Thread Elbow with Filter	0.5 - 16	14
	Double effect-kinetic		1"	3/4" Female Thread Elbow with Filter	0.5 - 16	14
	Double effect-kinetic		2" C	1 1/4" Male Thread Elbow with Screen	0.5 - 16	10
	Double effect-kinetic		2"	1 1/4" Female Thread Connection with Screen	0.5 - 16	8
air3	Triple effect-automatic		3/4"	Opening	0.5 - 16	20
	Triple effect-automatic		1"	Opening	0.5 - 16	20
	Triple effect-automatic		2" C	1 1/4" Male Thread Elbow with Screen	0.5 - 16	10
	Triple effect-automatic		2"	1 1/4" Male Thread Elbow with Screen	0.5 - 16	8

Available connections: BSP or NPT male thread

The valve must always be installed in a vertical position. A manual isolation valve under the air outlet is recommended for maintenance and repair without shutting down the system.*

Materials of constructions

Model	Body	Base	Float
air1	Glass fiber reinforced polyamide	Glass fiber reinforced polyamide	Polypropylene
air2	Glass fiber reinforced polyamide	Glass fiber reinforced polyamide	Polypropylene
air3	Glass fiber reinforced polyamide	Glass fiber reinforced polyamide	Polypropylene

Protective treatment against ultraviolet rays