Combination air valve
Mod. EOLO

The CSA combination air valve Eolo will ensure the proper operation of the system allowing the release of air pockets accumulating during working conditions, the entrance and discharge of large volumes of air during pipe draining and filling.

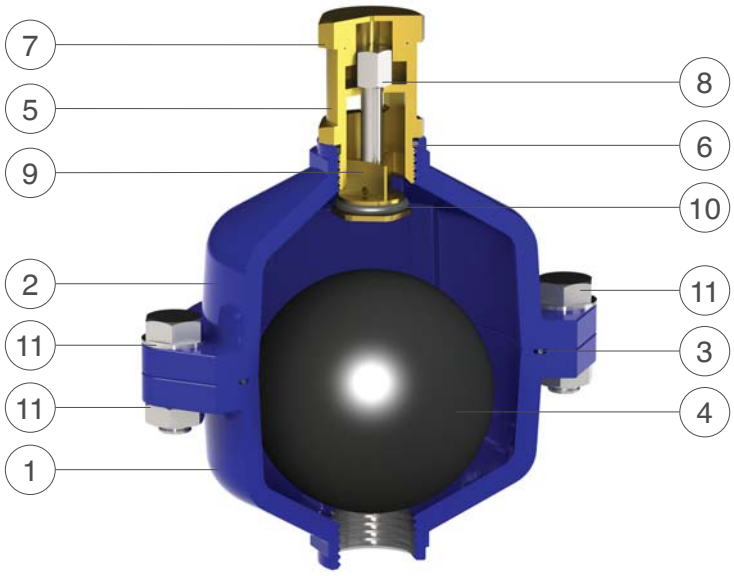
Technical features and benefits

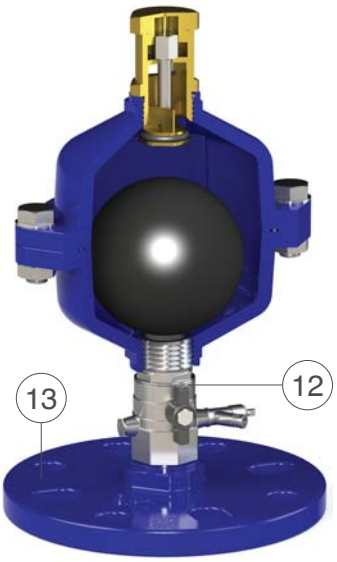
- Upper and lower bodies in ductile cast iron GJS 500/7 PN 25 rated.
- Float in stainless steel AISI 304 covered with vulcanized NBR.
- Patented air release system with gasket compression control in brass/stainless steel AISI 304.
- Guiding shaft of the air release system in stainless steel AISI 304.
- Nuts and bolts in stainless steel A/2.
- Simple and compact.

Applications

- Water distribution systems.
- Irrigation, cooling systems.
- Buildings.
- In general where the air release function is necessary along with a certain air flow capacity, limited to the kinetic passage of this model for which please see the air charts on the next page.

Technical details





N.	Component	Material	Standard
1	Lower body	ductile cast iron	GJS 500-7
2	Upper body	ductile cast iron	GJS 500-7
3	O-ring	NBR	
4	Float	stainless steel/NBR	AISI 316
5	Nozzle body	brass/stainless steel	OT 58/AISI 304/316
6	O-ring	NBR	
7	Tap	brass/stainless steel	OT 58/AISI 304/316
8	Shaft	stainless steel	AISI 304/316
9	Studs	brass	OT 58
10	O-ring	NBR	
11	Screws, washers and bots	stainless steel	AISI 304/316
12	Ball valve	stainless steel	AISI 316
13	Flange	ductile cast iron	GJS 500-7

Working conditions

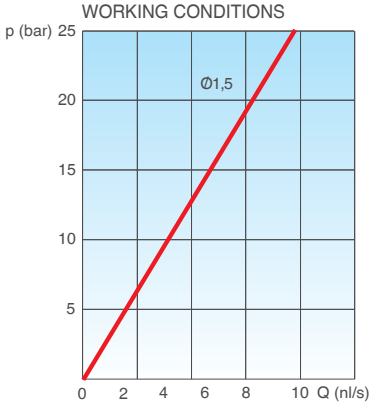
Treated water max. 70°C,
higher temperature on request;
Max. pressure 25 bar;
Min. pressure 0,3 bar.

Standard

Designed in compliance with EN-1074/4.
Standard connection 1”, flanged on request. Flanges according to EN 1092/2.
Epoxy painting applies through fluidized bed technology blue RAL 5005.
Changes and variations on the flanges and painting details available on request.

Air flow performance charts

AIR RELEASE DURING
WORKING CONDITIONS



AIR DISCHARGE AND ENTRANCE
DURING PIPE FILLING AND DRAINING

Δ p (bar)	0,1	0,2	0,3	0,4	0,5
Air discharge (m^3/h)	82	106	120	128	133
AIr entrance (m^3/h)	78	90	118	125	127