

ARVS-Single Air Release Valve

ARVS-Single air release valve is commonly installed in the peak of the pipeline, and used for exhausting the compressed air in pipeline system, generally there will be about 2% of dissolved air in water and it will release as bubbles and thru the air release valve nozzle. It can prevent the existence of bubble gap for flow, this can help a better efficiency for transmission of flow.

Features:

- High grade ductile iron body, reduce the weight and much longer life than cast iron.
- Simple mechanism with lever and float.
- The float and internal mechanism are made of AISI 304 stainless steel and last for much longer life cycles.
- Epoxy coating for both inside and outside.
- Male connection can easily be connected to isolated valves, no need further nipples..
- End connection can be BSPT or NPT thread.



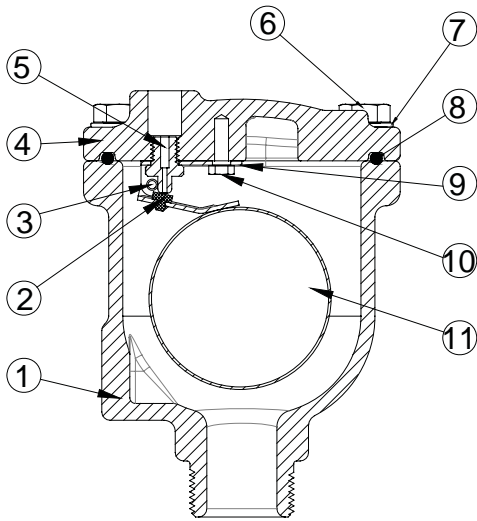
Service Fields:

For clean water system.

Technical Data:

Size range; 1/2"- 1"
Ratings : 200WP; 300WP
Working temp. : -10 °C - 80 °C.
Flow Media : Clean water
Connection : NPT male.

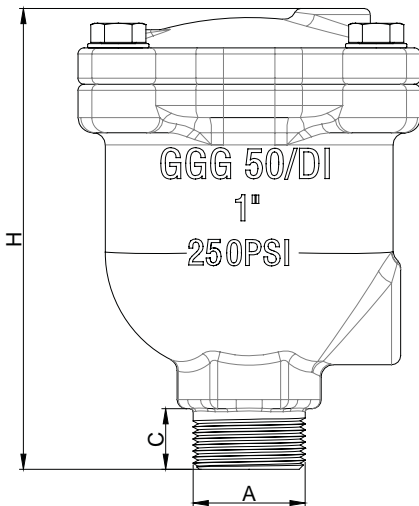
Main Valve



Parts List

No.	Part Name	Material	Standard
1	Body	Ductile Iron	ASTM A536
2	Seat	Rubber	EPDM
3	Pin	Stainless Steel	AISI 304
4	Bonnet	Ductile Iron	ASTM A536
5	Small Nozzle	Stainless Steel	AISI 304
6	Hex Bolt	Stainless Steel	AISI 304
7	Washer	Stainless Steel	AISI 304
8	O-ring	Rubber	NBR
9	Support Plate	Stainless Steel	AISI 304
10	Hex Bolt	Stainless Steel	AISI 304
11	Float	Stainless Steel	AISI 304

Dimension



DN	Model No.	A	C	H
Inch				
1/2	ARVS-0015-NP	G 1/2"	3/4"	6"
3/4	ARVS-0020-NP	G 3/4"	3/4"	6"
1	ARVS-0025-NP	G 1 "	3/4"	6"

Remarks: NP-- National Pipe Thread.

Flow Performance-Venting Capacity

Air release during working conditions

