



Spill Free Triple Function Combination Air Release Valve For Sewage Water System

Our Product Introduction

for more products please visit us on watercontrol-valve.com

Basic Information

- Place of Origin: China
- Brand Name: OEM
- Certification: ISO9001-2015
- Model Number: SKAR
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Plywood Cases
- Delivery Time: 15-60 Days
- Payment Terms: L/C, T/T
- Supply Ability: Based On Order



Product Specification

- Material: Ductile Iron GJS500-7
- Internal Parts: SS316
- Coating: Fushion Bonded Epoxy
- Flow Area: Full Flow Area
- Color: RAL5010 RAL5015
- Specialty: Spill Free
- Highlight: **water supply valve**



More Images



Product Description

Large air exhausting small air venting vacuum breaker Spill Free Triple function Sewage Combination air release valve

Features:

- . Spill Free.
- . Wider middle body, shorter in height.
- . Slow down the flow velocity, keep sewage in the body.
- . Drain boss at the top & bottom for cleaning.
- . Float movement support by both cage and body guide
- . Fast water rising on the back of middle part, prevent direct flushing up to top and out of main body.
- . No arms or levers to prevent vibrating, bending, direct closure of the float.
- . Fully fusion epoxy coated inside and outside of valve body for long term services.
- . Manufacturing standard : BS EN1074-4, AWWA C512
- . Flange drilling and dimension : BS EN 1092 and BS EN 558 and ANSI flange.
- 100% -full flow area thru the valve internal.
- Can blow off the water on top of the sealing arc thru small orifice and keep it dry to prevent polluted water coming into pipeline during vacuum.
- Most parts of valves can be recycled.
- All internal parts are 316SS material without rusting.
- Float with a rubber sealing can be as an absorber to prohibit water hammer direct acting on the sealing arc and seat impact.

Functions:

Combination kinetic air release valve provide 3 functions:

1. Large air release

- 1-1. During filling the pipeline, float will stay at its original position. (open)
- 1-2. Let large air out of valve thru big nozzle.

2. Small air release

- 2-1. When the water level comes up to the top, float will be up to its close position and close the sealing arc- big orifice and small orifice.
- 2-2. The air (2% of solved air in water) are continuously coming out from water and gather at the top of the valve.
- 2-3. The float will be driven down and let small pocket out thru small orifice.
- 2-4. The sealing arc will still be in close position until empty of water

3. Large air intake during draining of the pipeline.

- 3-1. Float will drop down when empty of pipeline.
- 3-2. Large air will come into the pipeline thru valve.
- 3-3. Preventing from collapse of pipeline and break vacuum.
- 3-4. Protect the sealing o-ring from clogging in the pipeline.

Service Fields:

For sewage water system.

Technical Data:

Size range: DN 50-200MM

Pressure ratings: 1.0Mpa, 1.6Mp (Flange)

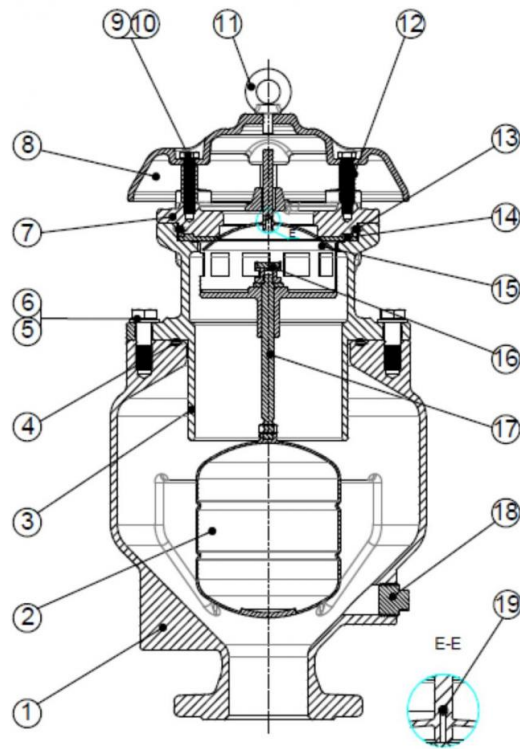
Working temperature: -10°-80°C.

Flow media: sewage water.

Please consult factory for PN25 and antishock device whenever there is waterhammer issue.

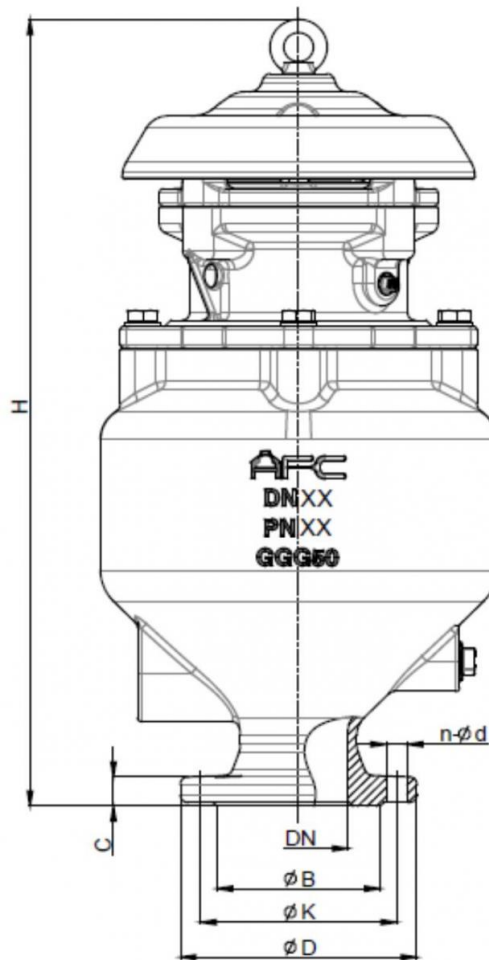
Quick Selection Table					
Water Flow Rate CMH	1360	4160	8500	19100	33400
Main pipe size MM	80-400	400-700	750-1000	1050-1500	1500-2000
Size of SKAR MM	50	80	100	150	200

Material:



Part List			
No.	Part Name	Material	Standard
1	Body	Ductile Iron	EN GJS500-7
2	Float	Stainless Steel	ANSI 304/316L
3	Middle Part	Ductile Iron	EN GJS500-7
4	O-ring	Rubber	NBR
5	Hex Bolt	Stainless Steel	ANSI 304
6	Washer	Stainless Steel	ANSI 304
7	Bonnet	Ductile Iron	EN GJS500-7
8	Cover	Ductile Iron	EN GJS500-7
9	Washer	Stainless Steel	Commercial/ANSI 304/316L
10	Hex Bolt	Stainless Steel	Commercial/ANSI 304/316L
11	Eyebolt	Carbon Steel	Commercial
12	Pillar	Aluminum	Commercial
13	O-ring	Rubber	NBR
14	Seat	Rubber	NBR
15	Sealing Arc	Stainless Steel	ANSI 304/316L
16	Orifice Seat	Rubber	NBR
17	Stem	Stainless Steel	ANSI 304/316L
18	Plug-Option	Stainless Steel	ANSI 304/316L
19	Small Orifice	Stainless Steel	ANSI 304/316L

Dimension:



DN	Model No.	H	ΦD		ΦK		ΦB		n-φd		C
			PN10	PN16	PN10	PN16	PN10	PN16	PN10	PN16	
50	SKAR-0050	558	165		125		99		4-φ19		19
80	SKAR-0080	653	200		160		132		8-φ19		19
100	SKAR-0100	676	220		180		156		8-φ19		19
150	SKAR-0150	810	285		240		211		8-φ23		19
200	SKAR-0200	950	340		295		266		8-φ23	12-φ23	20

Hunan Boquit Fluid Equipment Co Ltd., is specialist in design and production of high quality water valve, and has grown to become one of the leading manufacturers for fluid control valve. We design and manufacture a wide range of fluid valve., such as float control valve, trunnion ball valve, water pressure reducing valve, rotary airlock valve, sanitary butterfly valve, hydraulic check valve,sewage air release valve, etc. Our constant technical innovation combined with stringent quality control systems has enabled us to deliver high performance and outstanding value in industrial applications.



Beijing Silk Road Enterprise Management Services Co.,LTD



17733330123



miclecleanmo@gmail.com



watercontrol-valve.com

18-2 JinFu East Rd. Ulks Village. Futian New district. Shenzhen. China.