

Sewage Combination Air Valve – Double Orifice, Triple Function

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PN10 & 16 Temp -10°C to 80°C DN50 to DN200

Features

- Flow Media – Sewage Water
- Flange Drilling in accordance to BS EN1092-2
- Manufacturing standards meets BS EN 1074-4 and AWWA C512
- Fasteners Stainless Steel
- Strong Float to prevent damage during water hammer
- Optional Anti-shock mechanism to prevent fast flow & water hammer. Please consult us for more information
- Spill Free - Valve will not spill before shutting off
- Body design to lower sewage water flow speed
- Internal body guide and round wall to keep float moving and liquid turbulence within this area
- Keeps dirty or corrosive liquids inside the body so no harm to surrounding environment
- Large air flow through nozzle to cater for high velocity
- Optional Outside screen to prevent ingress of insects
- Fully FBE coated inside and outside 250 µm
- Optional 316 Stainless Steel floats



Technical information

WRAS approved materials
for use with potable water

Manufacture

BS EN ISO 9001:2015 QMS
ISO 14001:2004 EMS

Design Standard

BS EN 1074 -4
AWWA C512

WRAS Approved Materials

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Selection Table

Water flow rate range Max CMH (m3/Hour)	1360	4160	8500	19100	33400
Main pipe Size mm	200-400	400-700	750-1000	1050-1500	1500-2000
Inlet Size mm	50	80	100	150	200
Small Orifice Size mm	3.0	3.5	4.5	5.5	6

Materials List

No.	Name	Material
1	Body	Ductile Iron EN-GJS-500-7
2	Float	Stainless Steel 1.4301 (SS304)
3	Middle Body	Ductile Iron EN-GJS-500-7
4	O-Ring	NBR
5	Hex Bolt	Stainless Steel A2-70
6	Washer	Stainless Steel A2-70
7	Bonnet	Ductile Iron EN-GJS-500-7
8	Cover	Carbon Steel FBE Coated
9	Washer	Stainless Steel A2-70
10	Hex Bolt	Stainless Steel A2-70
11	Eye Bolt	Carbon Steel
*12	Pillar	Aluminium
13	O-Ring	NBR
14	Seat	NBR
15	Sealing Arc	Stainless Steel 1.4301 (SS304)
16	Nozzle Seat	NBR
17	Stem	Stainless Steel 1.4301 (SS304)
18	Plug (option)	Stainless Steel A2-70
19	Small Nozzle	Stainless Steel 1.4301 (SS304)

*Size DN150 have no pillar

Dimensions table

DN	H	ØD	ØK	ØB	C	n-Ød		Weight kg
						PN10	PN16	
	558	165	125	99	19	4-Ø19	4-Ø19	31
80	653	200	160	132	19	8-Ø19	8-Ø19	58
100	676	220	180	156	19	8-Ø19	8-Ø19	60
150	810	285	240	211	19	8-Ø23	8-Ø23	125
200	950	340	295	266	20	8-Ø23	12-Ø23	166

Utilities Valves reserves the right to change product design and specification without notice.

