

# Air Valve – Double Orifice, Triple Function

PN40 Temp –10°C to 70°C DN50 to DN150

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## Features

- Flow Media – Clean Water
- Applications – Water systems, firefighting and irrigation systems
- Flange Drilling in accordance to BS EN1092-2
- Manufacturing standards meets BS EN 1074-4 and AWWA C512
- Also available in PN10, PN16 & PN25
- Body Ductile Iron
- Fasteners Stainless Steel
- Strong Float to prevent damage during water hammer
- No Arms or levers – prevents vibrating, bending of the float
- Smooth cage outside of float to keep float moving in guide rail
- Bottom rubber buffer for collision prevention
- Outside screen to prevent ingress of insects etc
- Fully FBE coated inside and outside 250 µm



### 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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## Dimensions table

DN	Overall Dimensions							
	D	K	H	n-d	G	f	T	n-d
50	165	125	280	4- Ø19	212	3	19	4-Ø19
80	200	160	362	8- Ø19	320	3	22	8-Ø19
100	220	180	395	8- Ø23	378	4	24.5	8-Ø23
150	285	240	485	8- Ø28	490	4	28	8-Ø28
200	340	295	630	12-Ø23	550	4	30	12-Ø23
300	460	410	800	12-Ø28	725	5	36	12-Ø28

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

## Materials List

No.	Name	Material
1	Body	Ductile Iron EN-GJS-500-7
2	Float	Stainless Steel 1.4301 (SS304)
3	Sealing Arc	Stainless Steel 1.4301 (SS304)
4	Fasteners	Stainless Steel A2-70
5	Bonnet	Ductile Iron EN-GJS-500-7
6	Cover	Carbon Steel - FBE Coated
7	Screen	Stainless Steel 1.4301 (SS304)
8	Fastener	Stainless Steel A2-70
9	Washer	Stainless Steel A2-70
10	Pillar	Aluminium
11	O-Ring	EPDM
12	Seat	EPDM
13	Nozzle Seat	EPDM
14	Guide Barrel	Stainless Steel 1.4301 (SS304)
15	Buffer	EPDM
16	Small Nozzle	Stainless Steel 1.4301 (SS304)

