

Single Large Orifice Air Valve

T-T Flow[®]
Valves

aqua
brake



The Single Large Orifice Air Valve has two functions:

- Efficient release of gas to prevent pressure build-up
- Ingress of gas to prevent vacuum as media leaves system

Features

- Lightweight compact design
- Directly acting solid cylindrical float
- Excellent flow capacity
- Rated PN16
- Drain valve
- Corrosion resistant construction
- WRAS approved

Options

- PN25 and PN40 version
- Isolating valve
- Tapped cowl
- Surge alleviation mechanism



T-T Flow, Woore, Cheshire, CW3 9RU
Tel: 01630 647111 Fax: 01630 642100
www.ttflow.com e-mail: info@ttflow.com



Dimensions					Material Specification		
DN	A	B	C	Weight KG	Description	Material	Grade
50	117	236	165	8.3	Body/ Cap	Ductile Iron	EN1563 Gr 450-10
80	141	305	200	12.4	Float	Polypropylene	WRAS listed
100	172	303	220	20.5	Seat/Deflector/Drain valve/ Fasteners/ Mesh	Stainless Steel	EN10088 1.4301
150	206	337	285	49	Seals	EPDM	WRAS listed
200	285	515	340	95	Coating	Fusion Bonded Epoxy	>300µ WRAS listed

Contact us for 1" and 2" BSP connections.
Dimensions in mm. Weights are approximate.

Technical Specification	
Standard	BS EN 1074-4:2000
Range	1" BSP to DN200
Flanges & Drillings Alternatives	BS EN 1092-2:1987 Table 9 (PN16) BS EN 1092-2:1987 Table10 (PN25) BS EN 1092-2:1987 Table11 (PN40)
Maximum Working Pressure	16 Bar (25 and 40 Bar on request)
Minimum Working Pressure	0.3 Bar (Lower on request)
Hydrostatic Pressure Tests	Seat: 1.1 x PN Body: 1.5 x PN
Temperature Range	-10°C to 60°C Insulate at 0°C and below
Coating	Fusion bonded epoxy (WRAS listed)

