



SPECIFICATIONS

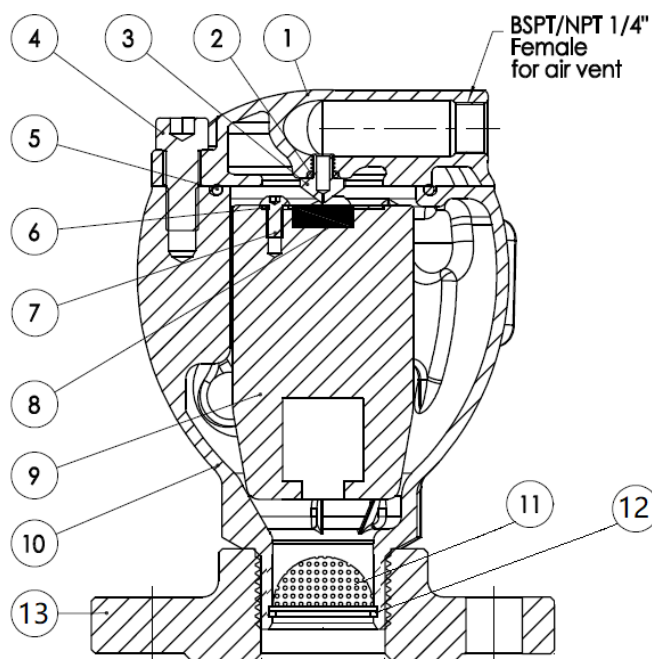
DN mm	DN 20 - DN 25
DN inch	3/4" - 1"
Temperature	0°C to 70°C
Connection	Male screw
Application	- Pipelines: Protection against air accumulation in high points and long horizontal lines. - In proximity to control valves and water meters: Prevention of inaccurate pressure regulation and biased readings due to air existence in these devices.
Flange	Can be screwed into flanges to bear flange connection such as BS EN 1092-2 PN10-16-25-40 and ANSI Class 125-150-250
Design and Test Standard	Designed in compliance with EN-1074/4 and AWWA C-512
Pressure	Minimum 0.2 bar (lower on request) - maximum 40 bar
Option	Customized changes on the flanges and painting on request.

ADVANTAGES

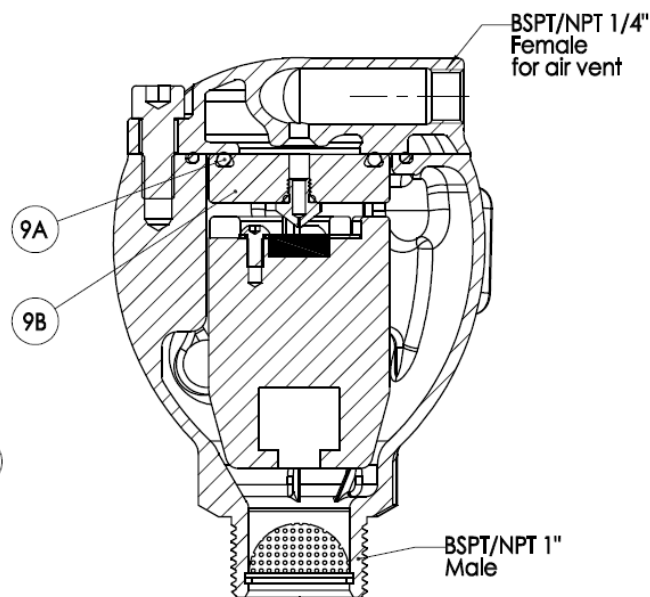
Micro Air Valve 2 functions:

- Aerodynamic air flow path inside, efficient release of air pockets from pressurized pipe lines.
- Stainless steel with fully corrosion resistant parts, maximum PN 40 bar rated, provided with internal ribs for accurate guiding of the float.
- Tangential drainage to ensure fully drain, sideway with female threaded for retrofitting drainage pipeline or check valve.
- Compact, simple and reliable structure: Lower maintenance and increased life span.
- Nozzle can be different port size to fit for demands of different pressure grades.
- Dynamic sealing: Prevents leakage under low pressure conditions (2.9psi; 0.2bar).
- Approved quality control process: Performance and specification tested and measured with specialized test facility.

NOMENCLATURE



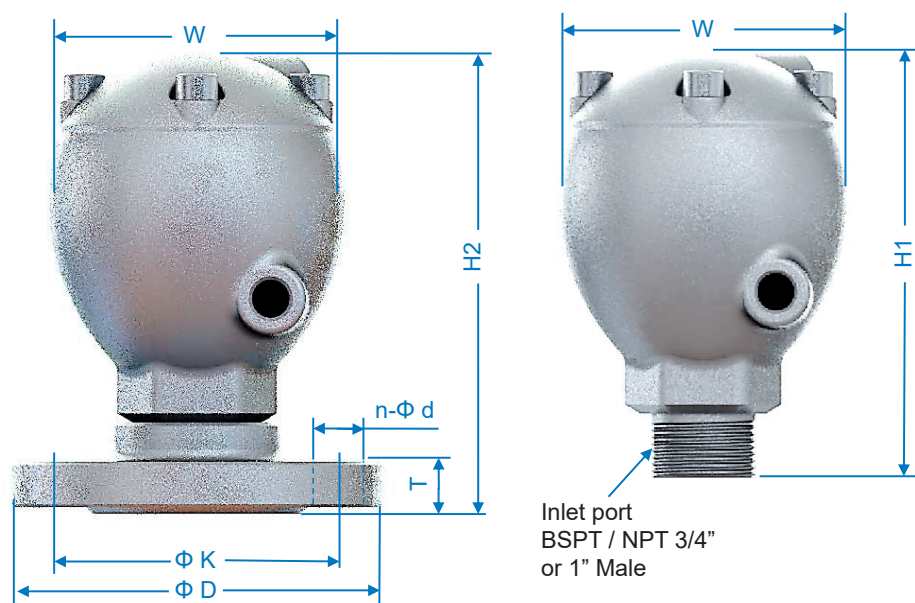
2F1F



3F2F

Designation	Option 1	Option 2
1.Cap	CF8	CF8M
2.O-ring	FKM	FKM
3.Nozzle	SS304	SS316
4.Bolt	A2	A4
5.O-ring	FKM	FKM
6.Plate	SS304	SS316
7.Stud	A2	A4
8.Seal	FKM	FKM
9.Float	PP	PP
9A.O-ring	FKM	FKM
9B.Upper float	PP	PP
10.Body	CF8	CF8M
11.Filter	SS304	SS316
12.Circlip	SS304	SS316
13.Screwed Flange	SS304	SS316

DIMENSIONS



Weights and Dimensions

Inlet Size	Dimensions (mm)							Weight(kg)
	W	H1	H2	Φ D	Φ K	n-Φ d	T	
Screwed 3/4"	92	132	-	-	-	-	-	1.32
Flanged DN20	92	-	140	105	75	4-Φ14	16	2.28

Inlet Size	Dimensions (mm)							Weight(kg)
	W	H1	H2	Φ D	Φ K	n-Φ d	T	
Screwed 1"	92	134	-	-	-	-	-	1.32
Flanged DN25	92	-	142	115	85	4-Φ14	16	2.52

Orifice Specification

Inlet Size	Automatic Orifice Hole Diameter (mm)			
	145 psi / 10 bar	232 psi / 16 bar	363 psi / 25 bar	580 psi / 40 bar
3/4" / DN20	0.6	0.6	0.4	0.4
1" / DN25	0.6	0.6	0.4	0.4



AIR PERFORMANCE CHART

