



AUTOMATIC AIR VENT

DUCTILE IRON COMBINATION AIR RELEASE VALVE, PN16

Model Number: **MV110-114**

FEATURES / CHARACTERISTICS

Design	BS EN1074-4, AWWA C512
Rating	PN16
Connection	Flanged BS EN1092-2, PN16 (ex BS 4504)
Working Medium	Clean Water

Ductile Iron body, Stainless Steel Float Ball

Provides 3 functions:

- 1.Large air release during filling of the pipeline.
- 2.Small air venting under pressurized pipeline.
- 3.Large air intake during draining of the pipeline.

ON REQUEST

ANSI Standard Flange (subject to minimum order quantities)

HYDROSTATIC TEST PRESSURE

Shell- 24 bar

WORKING TEMPERATURE

16 bar -10° C to 80° C water

MATERIAL SPECIFICATIONS

	PARTS	MATERIAL
1	Body	Ductile Iron
2	Float	Stainless Steel
3	Sealing Arc	Stainless Steel
4	In Hex Bolt	Carbon Steel/SS
5	Bonnet	Ductile Iron
6	Cover	Carbon Steel
7	Screen	Stainless Steel
8	Hex Bolt	Carbon Steel/SS
9	Washer	Stainless Steel
10	Pillar	Aluminum
11	O-ring	NBR/EPDM
12	Seat	NBR/EPDM
13	Nozzle Seat	NBR/EPDM
14	Guide Barrel	Stainless Steel
15	Buffer	NBR/EPDM
16	Small Nozzle	Stainless Steel

DIMENSIONS (mm)

Sizes		ØB	ØD	ØK	H	N-Ød
DN	inch					
50	2"	99	165	125	280	4-Ø19
80	3"	132	200	160	362	8-Ø19
100	4"	156	220	180	395	8-Ø19
150	6"	211	285	240	485	8-Ø23
200	8"	266	340	295	582	12-Ø23
300	12"	370	460	410	750	12-Ø28

* All dimensions are nominal (indicative) Actual dimensions may vary

