

VE120

Simple function for clear water

Technical Data Sheet



Description

The Single function air valves VE120 allows the air control water distribution systems :

- Continuously and automatically evacuates accumulated air from the high points of installations
- Plug drain screw to verify the good working of the air valve
- Different degassing orifice depending of the pressure (PN 16 or PN 25)
- When the pipe is under pressure, the float follows water level. In high position, float closes degassing orifice
- When air accumulates in the valve, the float falls with the water level thus opening the orifice and allowing the air to evacuate



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DN	PN	PFA in bar	Cat.	Ref.	Weight Kg
Air valve alone F1"	-	16	I	149B2867	5,16
Air valve with flange with connection*	10/16	16	I	149B2867BR	8,10
Air valve with connection M1"	-	16	I	149B2867RM	5,00
Air valve with stop valve M1"	-	16	I	149B2867VA	5,30
Air valve with stop valve + Flange*	10/16	16	I	149B2867VB	8,40
Air valve alone F1"	-	25	I	149B2868	5,16
Air valve with flange with connection*	25	25	I	149B2868BR	8,10
Air valve with connection M1"	-	25	I	149B2868RM	5,00
Air valve with stop valve M1"	-	25	I	149B2868VA	5,30
Air valve with stop valve + Flange*	25	25	I	149B2868VB	8,40

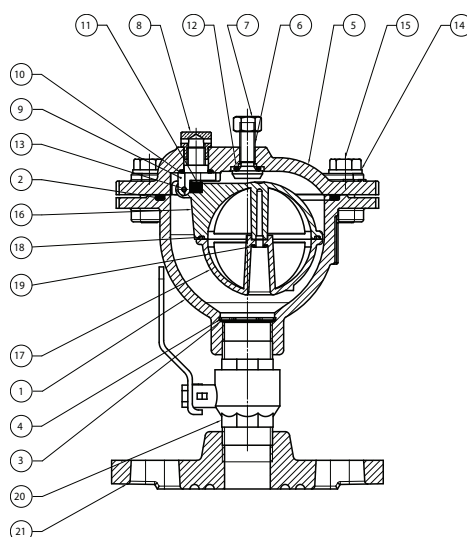
* Flange DN 40 - 50 - 60

Technical features

Operating temperature	0 to 80°C, for temperatures over 80°C consult us
Permissible operating pressure (PFA) in water	See table above
Connection	BSP thread or flanges drilled PN (See table)
Mediums	Clear water

Nomenclature and materials

N°	Designation	Materials
1	Body	Ductile iron / Epoxy
2	O-ring	EPDM
3	Filter	Stainless steel
4	Clips	Stainless steel
5	Cap	Ductile iron / Epoxy
6	Float stem	Brass
7-8	Nut	Brass
9	Drain	Brass
10	O-ring	EPDM
11	Seal	EPDM
12	O-ring	EPDM
13	Pin	Stainless steel
14	Flat washer	Stainless steel
15	Screw	Stainless steel
16-17	Float	Grivory black
18-19	O-ring	EPDM
20	Valve	Brass
21	Flange	Ductile iron / Epoxy



Approvals



International construction Standards :
Flange drilling according to EN1092-2

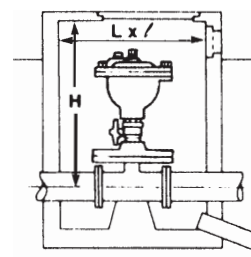
Application

Single function air valve for clear water.

Installation

DN	H	L x I	Filtered air inlet
mm	mm	mm	mm
40 - 50 - 60	900	600 x 600	150 x 150

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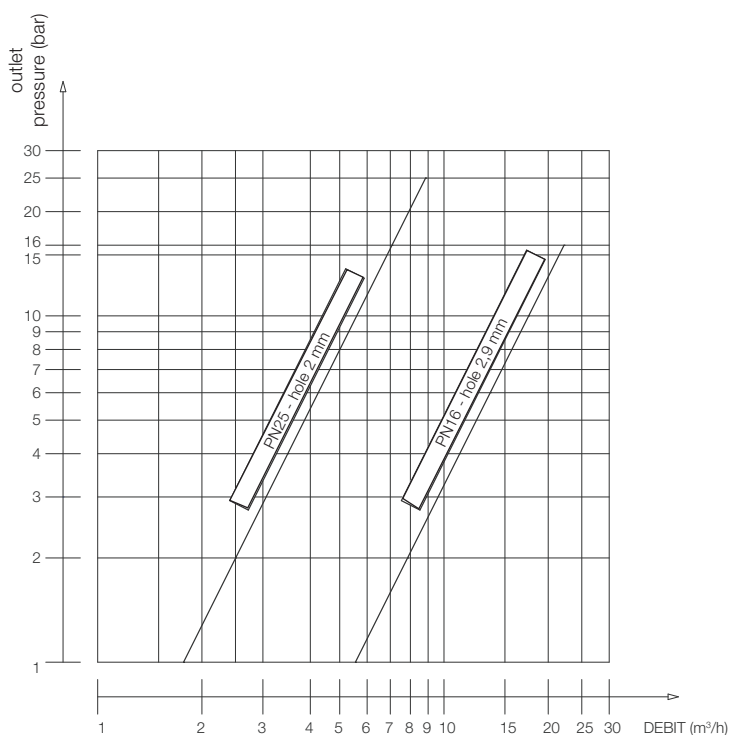


Maintenance

To ensure proper operation of the VE120, just open the drain valve :

- a spray of water means proper operation
- a pressurized air outlet indicates that the air valve has not performed its function, hence the need to clean the unit

Operation

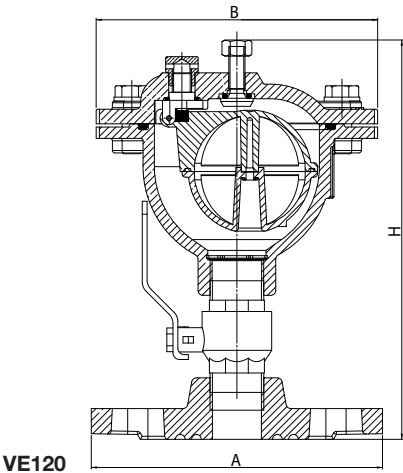


VE120 - Headloss chart

Sizing

DN	A	B	H
	mm	mm	mm
Air valve alone F1"	-	175	158
Air valve with flange with connection*	185	175	214
Air valve with connection M1"	-	175	180
Air valve with stop valve M1"	-	175	218
Air valve with stop valve + Flange*	185	175	246

* Flange DN 40 - 50 - 60



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