VE320

Triple function for clear water

Technical Data Sheet



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Description

The Triple function air valve VE320 allows the air control water distribution systems :

- Automatically and continuously relieves air and gases that accumulate in high points of installations
- Release or inflow of air through the large air orifice when filling or emptying the installation
- Epoxy coating inside/outside
- The stop valve allows the maintenance without emptying the installation



VE320

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DN		PN	PFA in bar	Cat.	Ref.	Weight Kg
"	mm					
2 1/4	40-50-60	10/16	16	I	**149B5884**	12
2 1/2	65	10/16	16	I	**149B5885**	12
3	80	10/16	16	I	**149B5886**	19
4	100	10/16	16	I	**149B5887**	22
2 1/4	40-50-60	25	25	I	**149B009166**	12
2 1/2	65	25	25	I	**149B009168**	12
3	80	25	25	I	**149B009170**	19
4	100	25	25	I	**149B009171**	22

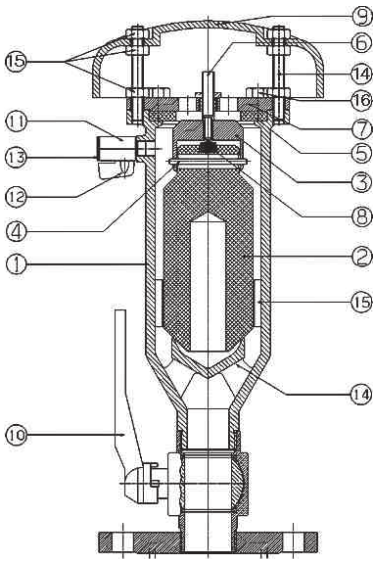
With stop valve : (for other DN, please consult us)

2 1/4	40-50-60	10/16	16	I	**149B5884R**	13
2 1/2	65	10/16	16	I	**149B5885R**	13
2 1/4	40-50-60	25	25	I	**149B009167**	13
2 1/2	65	25	25	I	**149B009169**	13

Technical features	
Operating temperature	0 °C to 60 °C
Permissible operating pressure (PFA) in water	See table above
Connection	Flanges drilled PN (See table)
Mediums	Clear water

Nomenclature and materials

N°	Designation	Materials
1	Body	Cast iron / Epoxy
2	Float	PE (polyethylene)
3	Closing system	PVC
4	Stem	PA (polyamide)
5	Seal	Polyurethane
	Seal DN 100	NBR (nitrile)
6	Drain	Stainless steel
7	Upper plate	Steel / Epoxy
8	Seal	NBR (nitrile)
9	Cap	Cast iron / Epoxy
10	Ball valve M/F	Chrome plated brass
11	Plug	Brass
12	Ball valve M/F	Chrome plated brass
13	Protection cap	PE (polyethylene)
14	Rod	Stainless steel
15	Nut	Stainless steel
16	Nut	Stainless steel



Approvals

ACS

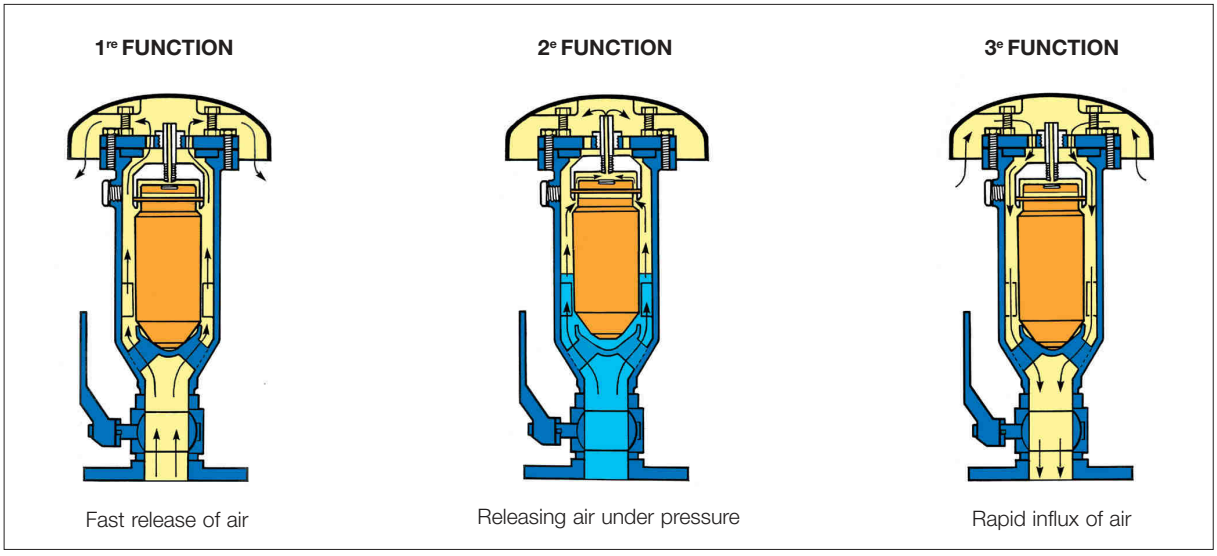
International construction Standards :
Flange drilling according to EN1092-2

Application

Triple function air valve for clear water.

Fonctionnement

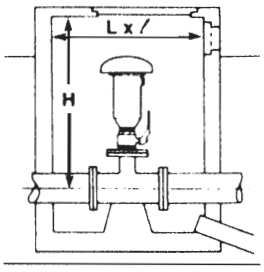
This model VE320 ensures continuous and automatic evacuation, but also influx and release of air at fast speed.



Installation

DN	H	L x l	Filtered air inlet
mm	mm	mm	mm
50-40 / 60-65	1100	600 x 600	150 x 150
80	1200	600 x 600	200 x 200
100	1300	600 x 600	300 x 300

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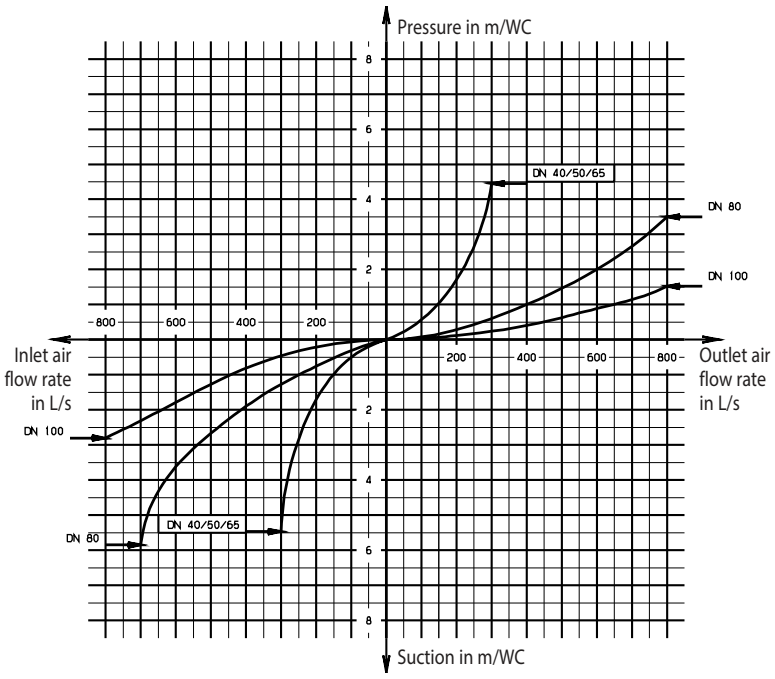


Maintenance

To ensure proper operation of the VE320, 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



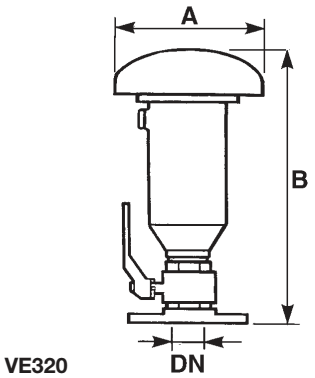
VE320 - Bend flow/pressure

Sizing

DN	For pipe	A	B
	Ø mm	mm	mm
40-50-60	< 200	196	380
65	< 200	196	375
80	< 500	224	350
100	< 1000	224	400

With stop valve : (for other DN, please consult us)

40-50-60	< 200	196	465
65	< 200	196	456



VE320

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