

FLANGED PN40 DOUBLE CHAMBER AIR VALVE

TECHNICAL PASSPORT

**DOUBLE CHAMBER / TRIPLE FUNCTION
AIR RELEASE
FLANGED PN40**

PVT4260

APPLICATION

The double chamber /triple function air valve is intended for use in clear water supply systems.

It provides the following functions:

1. Disposal of large volumes of air during fill of the pipes of system.
2. The supply of large amounts of air to the system closure during purging of the piping
3. Rejection of pressurized air pockets during operation.



Fluids : clear water, potable water.



GENERAL CHARACTERISTICS

Range : from DN40 to DN500.

Body consisting of a chambers containing floats.

Large discharge and intake capacity.

Body coating : epoxy powder paint bonded by electrostatic fusion

(RAL 5005, 250 microns).

STANDARDS

Connection	Flange assembling PN40 according to EN1092-2, ISO 7005/2 , BS4504.
------------	--

PRODUCT APPROVALS

ERC

Tecofi France

83 rue Marcel Mérieux - 69960 Corbas
Tél. +33 (0)4 72 79 05 79 - Fax. +33 (0)4 78 90 19 19
E-mail : sales@tecofi.fr - www.tecofi.fr

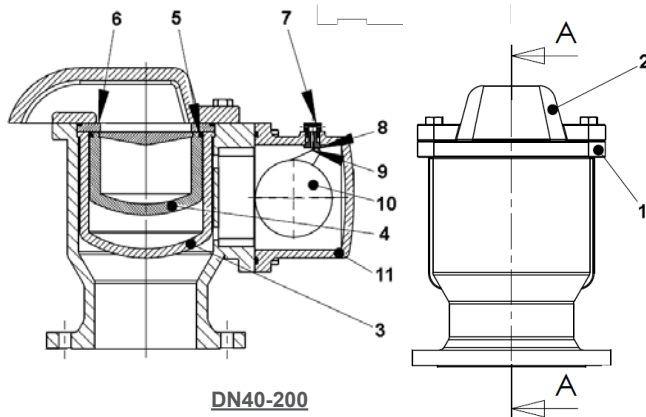


FLANGED PN40 DOUBLE CHAMBER AIR VALVE

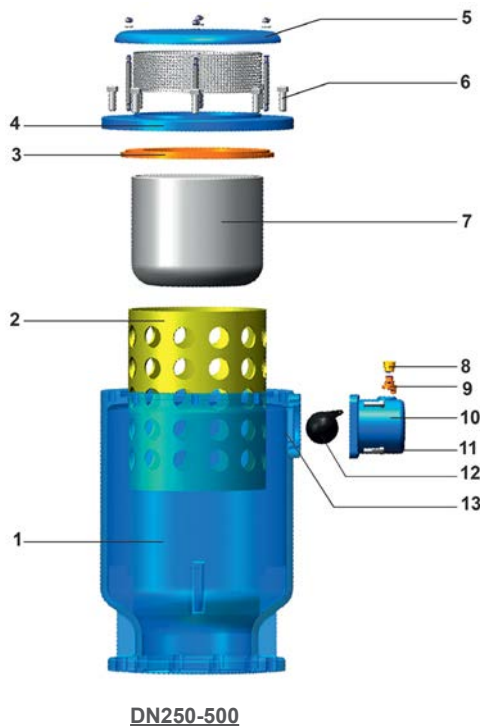
TECHNICAL PASSPORT

PVT4260

CONSTRUCTION



Pos.	Description	Material
1	Body	Ductile iron GGG40
2	Cover	Ductile iron GGG40
3	Cage	Polyamid 6
4	Ball	Polyethylene
5	O-ring	NBR
6	Disc	Brass
7	Orifice cover	Stainless steel 304
8	Support	Brass
9	Sealing gasket	NBR
10	Small ball	Polyethylene
11	Box	Ductile iron GGG40



Pos.	Description	Material
1	Body	Ductile iron GGG40
2	Cage	Polyamid 6
3	Disc	Brass
4	Cover	Ductile iron GGG40
5	Upper cover	Ductile iron GGG40
6	Screw	Galvanized steel 8.8
7	Big ball	Polyethylene
8	Orifice cover	Brass
9	Orifice body	Brass
10	Box	Ductile iron GGG40
11	Screw	Galvanized steel 8.8
12	Ball	Polyethylene
13	Sealing gasket	NBR

The photographs and technical art works are not contractual. The specifications of the presented products are open to modifications without previous advice.

Tecofi France

83 rue Marcel Mérieux - 69960 Corbas
Tél. +33 (0)4 72 79 05 79 - Fax. +33 (0)4 78 90 19 19
E-mail : sales@tecofi.fr - www.tecofi.fr

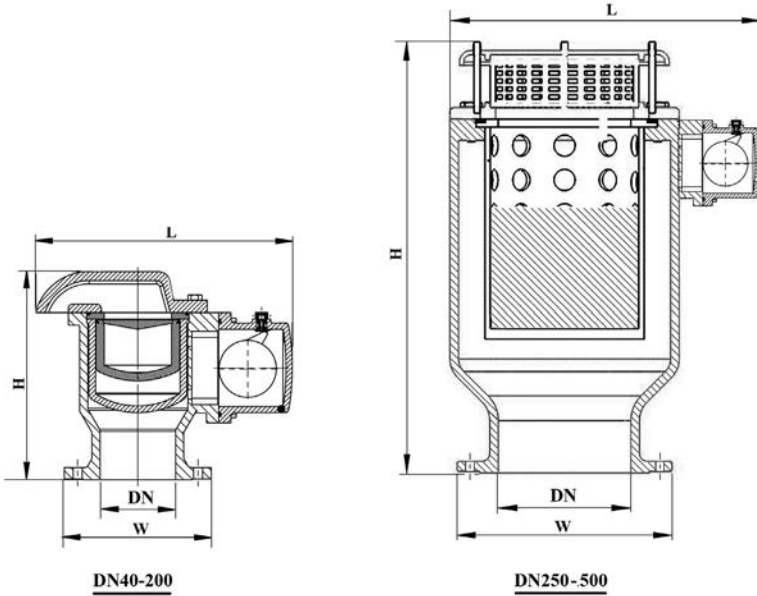


FLANGED PN40 DOUBLE CHAMBER AIR VALVE

TECHNICAL PASSPORT

PVT4260

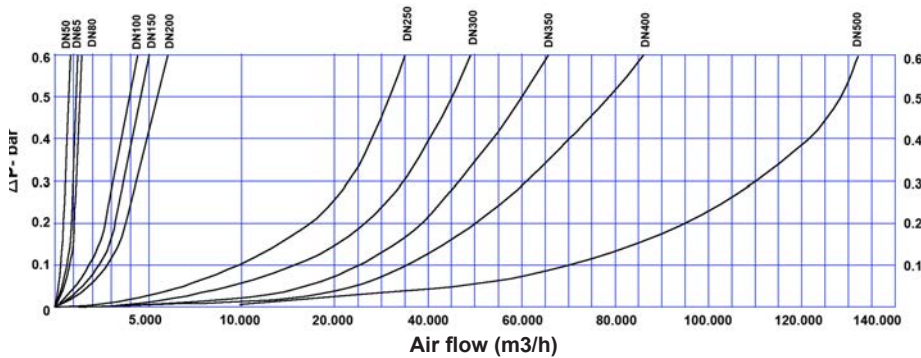
DIMENSIONS



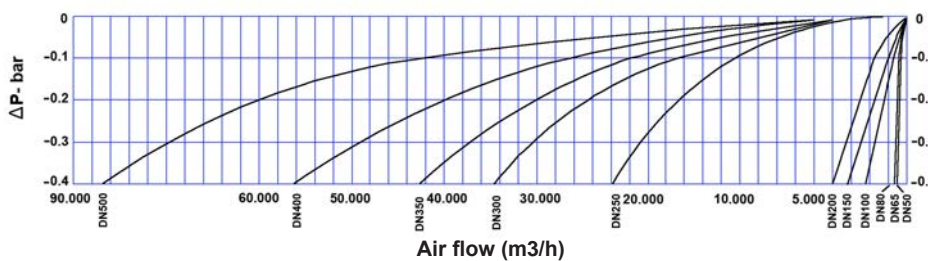
DN		L	H	W	Poids (kg)
mm	inch				
40	1 1/2	325	255	150	17
50	2	325	260	165	17
65	2 1/2	325	260	185	21
80	3	325	260	200	22
100	4	370	320	235	34
125	5	370	320	270	34.5
150	6	370	320	300	36.5
200	8	370	450	375	71
250	10	580	810	450	190
300	12	700	975	525	210
350	14	880	1065	615	440
400	16	910	1220	700	-
500	20	1135	1525	880	-

AIR INFLOW AND OUTFLOW

Air outflow



Air inflow



WORKING CONDITIONS

Maximum working pressure : 40 bar
 Minimum working pressure : 0.2 bar
 Maximum working temperature : -10°C / 80°C

Tecofi France

83 rue Marcel Mérieux - 69960 Corbas
 Tél. +33 (0)4 72 79 05 79 - Fax. +33 (0)4 78 90 19 19
 E-mail : sales@tecofi.fr - www.tecofi.fr

