

HIGH EFFICIENCY AIR VALVES

The **hydrostec** high efficiency air valves meet the highest international standards. It has been developed in accordance with the AWWA C512-07 standard, in addition to other standards.

Tri-Function Air Valve

Applications:

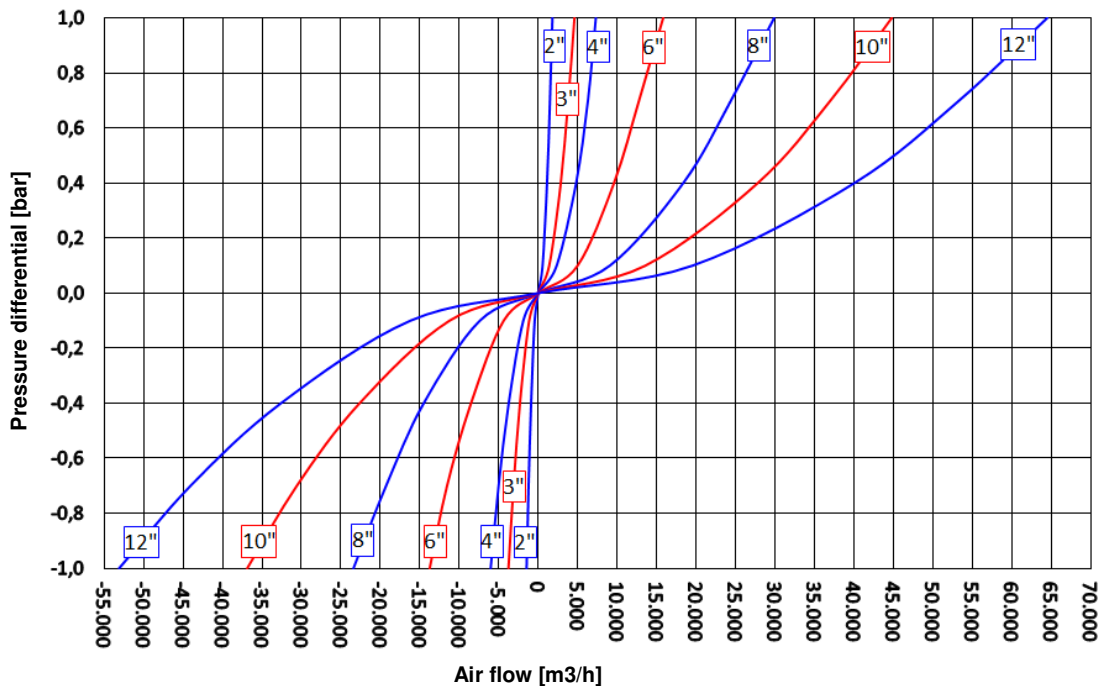
- Expel air discharged by water during line filling (main compartment).
- Allow sufficient amount of air during line emptying to avoid depressions and consequent collapse of the net (main compartment).
- Expel air from the pumps in operation and diffuse in the water, working as a single air valve (auxiliary compartment).
- High efficiency, allowing high air flow during filling or emptying the line.

Hydrostec also manufactures the single function air valve. Please consult.



Flange:

Valve for flanged end fitting according to NBR 7675 (ISO 2531) standard, class PN 10/16/25/40. For other diameters, flange standards and/or threaded ends, please consult.



Construction:

ITEM	DENOMINATION	MATERIAL	
01	Auxiliary Body	Ductil Cast Iron	ASTM A536 Gr. 65-45-12
02	Auxiliary Float	Polymer	Polypropylene
03	Bottom	Rubber	Buna N
04	Needle	Bronze	TM-23
05	Body	Ductil Cast Iron	ASTM A536 Gr. 65-45-12
06	Float	Polymer	Polypropylene
07	Seal	Rubber	Buna N / EPDM
08	Cover	Ductil Cast Iron	ASTM A536 Gr. 65-45-12
09	Protective / Driver	Ductil Cast Iron	ASTM A536 Gr. 65-45-12
10	Protective	Carbon Steel	SAE 1010/1020
11	Float Stem	Polymer	Polypropylene
12	Spacer	Carbon Steel	SAE 1020
13	Threaded Pin	Galvanized Steel	SAE 1020
14	Nut	Galvanized Steel	Class 6

Dimensions

DN (mm)	H (mm)	L (mm)	D (mm)
50 (2")	350	270	165
80 (3")	400	360	200
100 (4")	470	380	220
150 (6")	550	470	282
200 (8")	580	540	340
250 (10")	630	620	400
300 (12")	700	720	455

