



D-060 HF PN 16



D-060-C HF PN 16

D-062 HF PN 25



HIGH FLOW COMBINATION AIR VALVE

Aerodynamic design enables high flow rates of air (Inflow and outflow).

All flow cross-sections are equal or greater than the nominal port area.

Reliable operation reduces water hammer incidents. Dynamic design allows high velocity air discharge; Preventing premature closing.

Lightweight, small dimensions, simple and reliable structure.

Special nozzle design: combination of bronze and E.P.D.M rubber, assures long-term maintenance free operation.

Screen protected outlet.

Working pressure range:

D-060 HF, D-060-C HF : 0.2 - 16 bar. (3 -230 psi).

D-062 HF : 0.2 – 25 bar. (3 –360 psi)

Automatic component

Large orifice:

Dramatically reduces the possibility of obstruction by debris.

Discharges high air flow rates, as much as 14 times more than traditional Automatic Air Release valve.

One size orifice for a wide pressure range (up to 16 bar).

Achieved by: A.R.I patent, Rolling Seal Mechanism.

Body made of high strength materials.

All operating parts are made of specially selected corrosion resistant polymer materials.

Options:

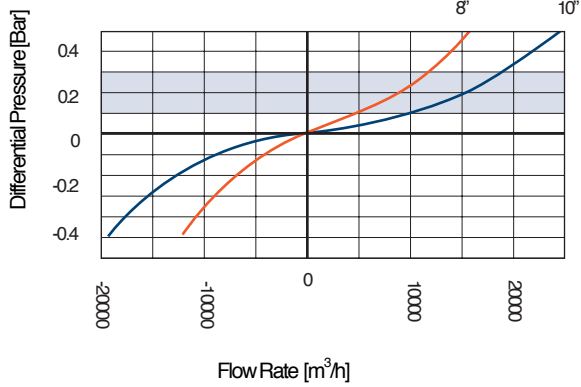
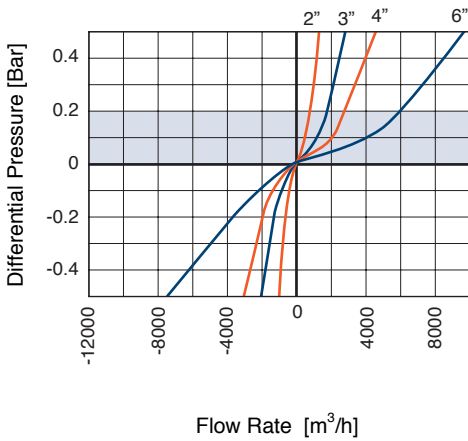
D-060 Automatic Body made of high strength plastic.

D-060-C HF Vandalism protect by metal casting body.

D-062 HF Vandalism protect by metal casting body for PN 25

AIR AND VACUUM FLOW RATE

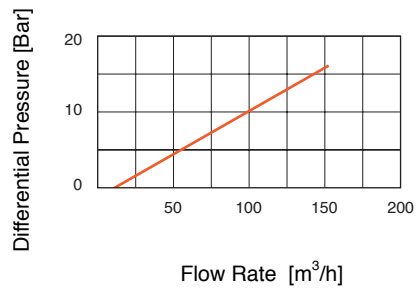
reccomended range



DIMENSIONS AND WEIGHTS

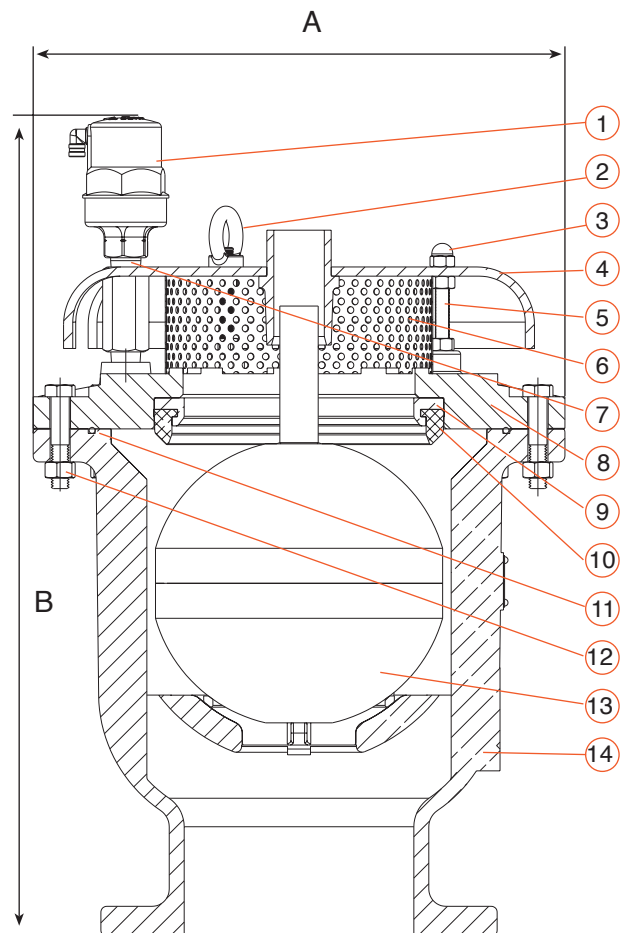
Nominal Size	Dim. mm		Weight Kg.	Orifice Area mm ²	
	A	B		Kin.	Auto.
2" (50mm)	190	311	11	1960	12
3" (80mm)	234	371	18	5030	12
4" (100mm)	269	419	25	7850	12
6" (150mm)	375	602	78	17662	12
8" (200mm)	463	697	117	31400	12
10" (250mm)	586	841	150	49087	12

AUTOMATIC AIR DISCHARGE



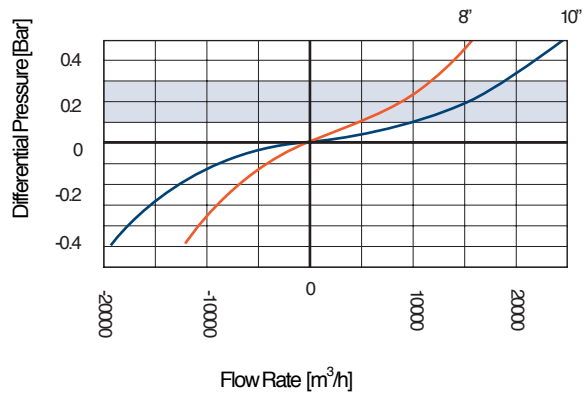
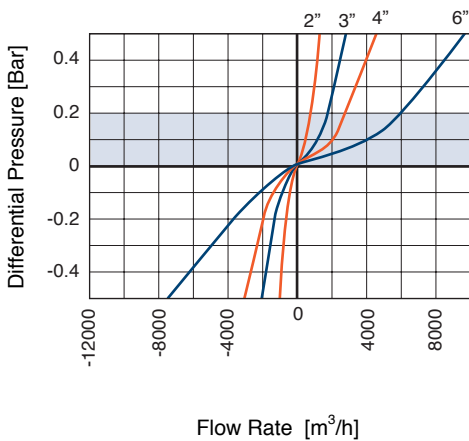
PARTS LIST AND SPECIFICATION

No.	Part	Material
1.	Automatic Air Valve	
	S-050 Body	Reinforced Nylon
2.	Lifting Ring	Steel
3.	Crown Nut	Stainless Steel SAE 304
4.	Screen Cover	Cast Iron A-48 CL.20B / Ductile Iron ASTM A-536 60-40-18
5.	Bolt & Nut	Stainless Steel SAE 304
6.	Screen	Stainless Steel SAE 304
7.	Adaptor	Brass ASTM B124
8.	Cover	Cast Iron ASTM A-48 CL35B / Ductile Iron ASTM A-536 60-40-18
9.	Nozzle Seat	2"-6" Bronze ASTM B-62 B-271 C83600 8"-10" Stainless Steel SAE 304/316
10.	Nozzle Seal	Rubber E.P.D.M
11.	O-Ring	BUNA-N
12.	Bolt & Nut	Steel Zinc Cobalt Coated
13.	Float	2"-8" Polycarbonate 10" Stainless Steel
14.	Body	Cast Iron ASTM A-48 CL.35B / Ductile Iron ASTM A-536 60-40-18



AIR AND VACUUM FLOW RATE

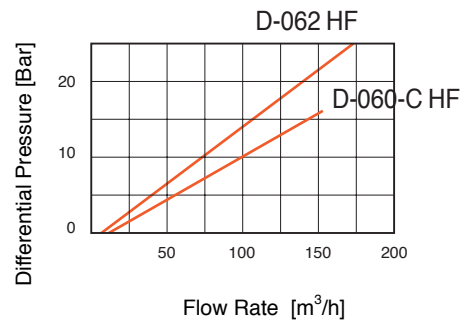
reccomended range



DIMENSIONS AND WEIGHTS

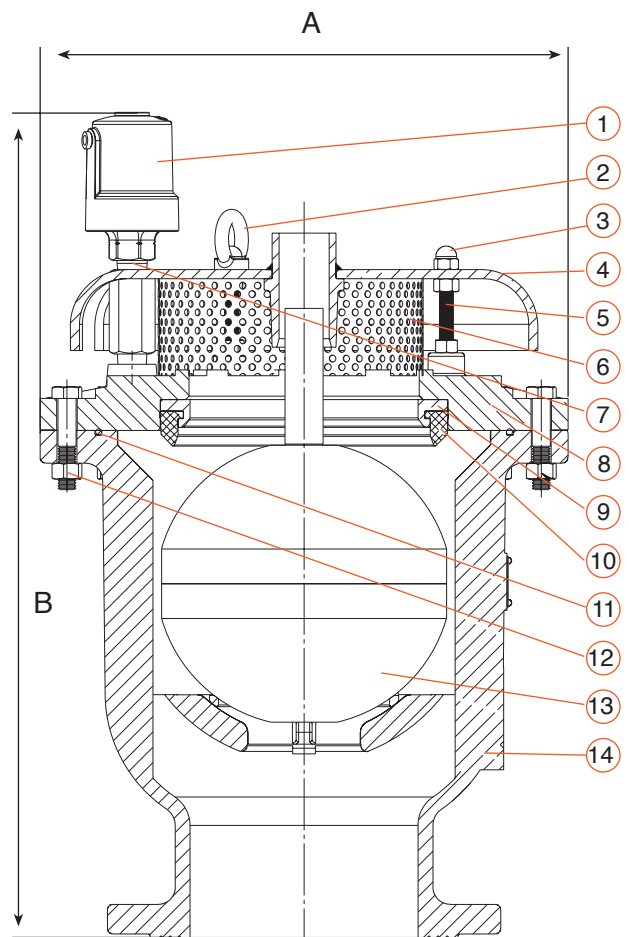
Nominal Size	Dim. mm		Weight Kg.	Orifice Area mm ²	
	A	B		Kin.	Auto.
D-060-C / D-062					
2" (50mm)	190	325	12	1960	12 9
3" (80mm)	234	387	19	5030	12 9
4" (100mm)	269	425	26	7850	12 9
6" (150mm)	375	608	79	17662	12 9
8" (200mm)	463	705	118	31400	12 9
10" (250mm)	586	849	151	49087	12 9

AUTOMATIC AIR DISCHARGE



PARTS LIST AND SPECIFICATION

No.	Part	Material
1.	Automatic Air Valve	
	S-050-C PN 16 Body	Cast Iron A-48 CL.20B
	S-052 PN 25 Body	Ductile Iron ASTM A-536 60-40-18
2.	Lifting Ring	Steel
3.	Crown Nut	Stainless Steel SAE 304
4.	Screen Cover	Cast Iron A-48 CL.20B / Ductile Iron ASTM A-536 60-40-18
5.	Bolt & Nut	Stainless Steel SAE 304
6.	Screen	Stainless Steel SAE 304
7.	Adaptor	Brass ASTM B124
8.	Cover	Cast Iron ASTM A-48 CL35B / Ductile Iron ASTM A-536 60-40-18
9.	Nozzle Seat	2"-6" Bronze ASTM B-62 B-271 C83600 8"-10" Stainless Steel SAE 304/316
10.	Nozzle Seal	Rubber E.P.D.M
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12.	Bolt & Nut	Steel Zinc Cobalt Coated
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14.	Body	Cast Iron ASTM A-48 CL.35B / Ductile Iron ASTM A-536 60-40-18



D-060 HF 10"



D-060 HF 10"

