EUV

Applications
EUV single chamber, quartzite sand filters are particularly suitable for the filtration of water with high amounts of organic substances: algae, mud and slimy particles of organic matrix. It is recommended for water from rivers, lakes or dams. The special diffusers (mushroom-shaped) located inside on the horizontal plate prevent the quartzite from becoming compact decreasing pressure loss of the whole system. EUV filters can be installed individually, or in two or more filters. Backwash can be manual or automatic.

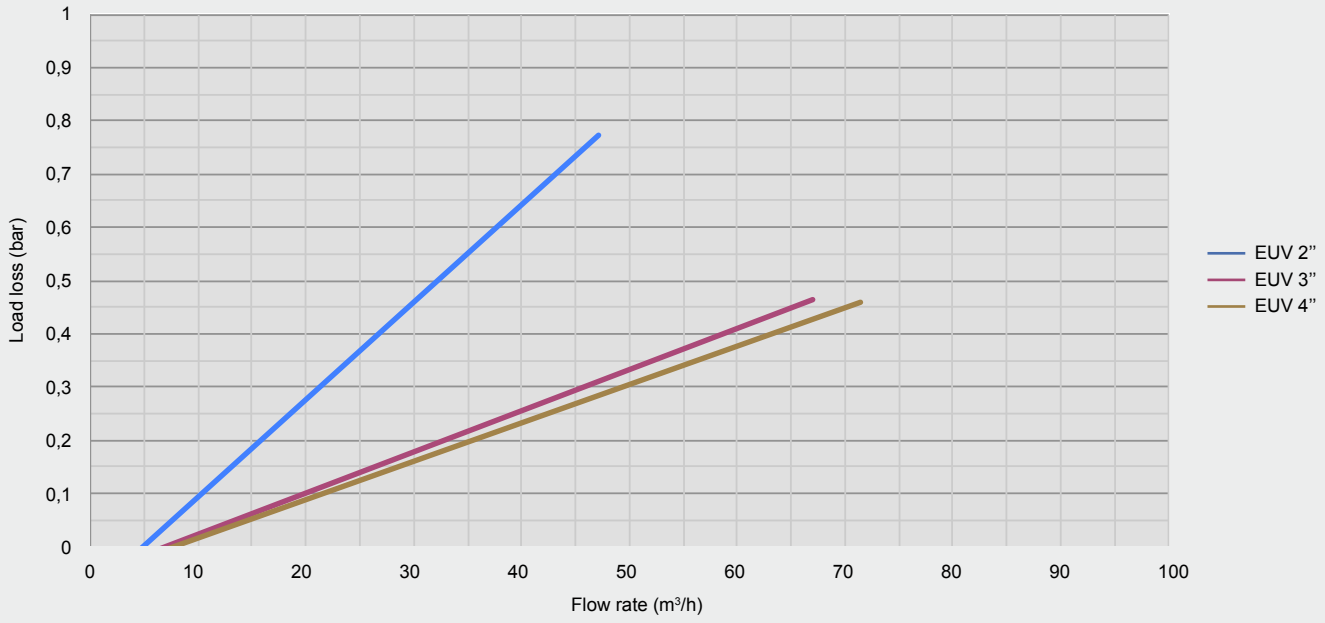
EUV TYPE A

EUV TYPE B

Materials
• Body: in sanded metal treated with phosphate zinc and followed by an electrostatic application of a layer of polyester paint, minimum thickness 160 micron, with a protective and anti-corrosion function
• Gaskets: EPDM
• Diffuser nozzle: polypropylene (mushroom)

Characteristics
• Maximum working pressure: 8 bar
• Types of connection: threaded, flanged, victaulic
• The filter is supplied with a discharge valve and air release valve

Load loss*



Testing for load loss was carried out with clean water.

EUV

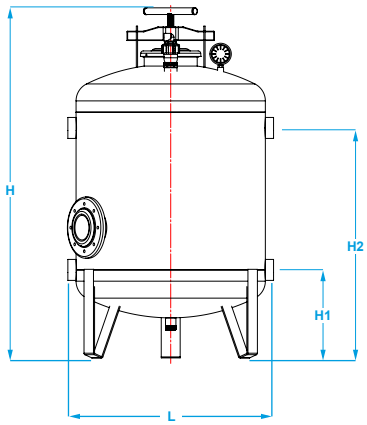
Technical data

Connections	Pricelist ref.	Ø body (mm)	Flow rate (m^3/h)	Min. backw. flow rate (m^3/h)
1 1/2"	**IFEUV15H400**	400	6 - 11	9
2"	**IFEUV20H500**	500	13 - 18	15
2"	**IFEUV20H600**	600	14 - 28	25
3"	**IFEUV30H600**	600	14 - 28	25
3"	**IFEUV30H900**	900	32 - 62	54
3"	**IFEUV30F900**	900	32 - 62	54
4"	**IFEUV40H900**	900	35 - 65	54
4"	**IFEUV40F900**	900	35 - 65	54
4"	**IFEUV40H1200**	1200	35 - 90	95
4"	**IFEUV40F1200**	1200	35 - 90	95

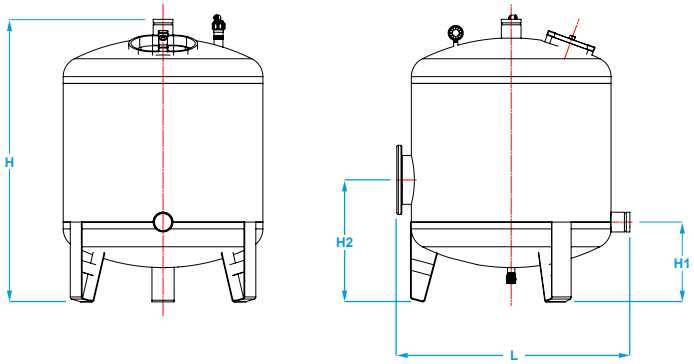
Connection type: **H** female threaded; **F** flanged; **W** victaulic

Dimensions

L (mm)	L1 (mm)	H (mm)	H1 (mm)	H2 (mm)	BD (mm)	Tipo	Weight (kg)	
							H - W	F
480	430	1020	270	670	400	A	----	----
650	530	1030	280	720	500	A	----	----
680	660	1060	280	730	600	A	66	----
680	660	1060	280	730	600	A	68	----
1100	----	1210	365	550	900	B	150	----
1060	----	1170	365	550	900	B	----	157
1100	----	1210	365	550	900	B	152	----
1060	----	1170	365	550	900	B	----	160
1360	----	1330	410	690	1200	B	230	----
1360	----	1310	410	690	1200	B	----	242



EUV TYPE A



EUV TYPE B

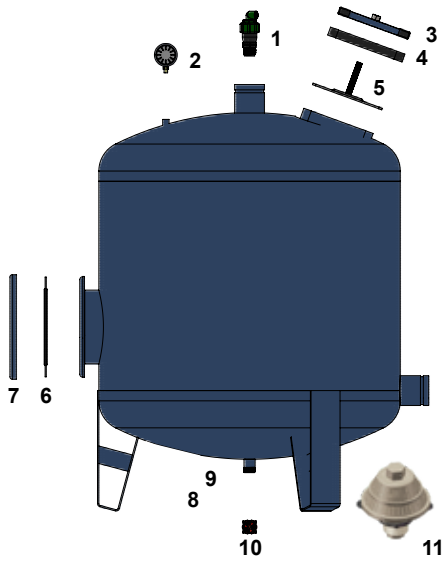
Components TYPE A

Number	Description
1	t-handle
2	cover for hatchway
3	gasket for hatchway
4	air release valve
5	purge valve
6	diffuser nozzle

Components TYPE B

Number	Description
1	air release valve
2	manometer
3	loading hatchway t-handle
4	loading hatchway gasket
5	loading hatchway cover
6	side discharge hatchway gasket
7	side discharge hatchway cover
8	lower discharge hatchway cover
9	lower discharge hatchway gasket
10	lower discharge hatch. purge valve
11	diffuser nozzle

EUV TYPE A



EUV TYPE B