

HORIZONTAL FILTERS (Ø1840 - 3000)



HORIZONTAL SERIES

Design pressure 2.5 / 4 / 5 / 6 bars
 Manufactured and calculated according to EN 13121-3.
 Material: Hand lay-up polyester with fiberglass (max quality polyester tech).
 Steel reinforced GRP vessel.
 Flanged connections for INLET/OUTLET.
 All connections are part of the structure of the filter in GRP.
 Supports for the filter included (2 or 3 according to model).
 2 x elliptical top manhole.
 Sightglass included.
 Design temperature 40°C.
 Laterals distribution.
 Tested 1.5 times design pressure
 Designed for specific flow and backwash rate

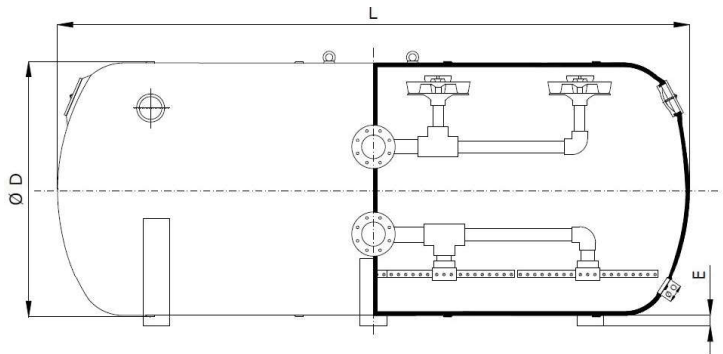
ADDITIONAL OPTIONS

Customizable length if necessary.
 Air backwash distribution.
 Higher temperatures. (Ask us)
 High-chemical resistance.
 Additional sight glass.
 Anchorage system to ground.
 Flange connections in the dome.
 Seismic calculations.
 Drinking water / Food contact.
 Additional flanges.



WHY HORIZONTAL FILTERS?

Although vertical filters always give a better performance sometimes due to lack of space, horizontal filters provide a good solution in some cases. Calplas bottom distribution allows the best possible distribution system in these cases.



Flanged connections Optional Plastized Manhole lid 2 x GRP Elliptical manhole lid Arms collector 0.3 mm Diffuser for Sand / AFM Diffuser for Active Carbon ALWAYS with sightglass Emptying access Separated supports

Ø	Total Length	Filtering Surface	AFM (G3/Rest)		Supports	Ø	Total Length	Filtering Surface	AFM (G3/Rest)		Supports
1840	3100	5,22 m ²	1,1	4,2	2	2340	3520	7,40 m ²	1,5	8,5	2
	3900	6,50 m ²	1,3	5,6	2		4300	9,30 m ²	1,8	11	2
	4700	8,11 m ²	1,5	6,8	3		5100	11,2 m ²	2,1	13,2	3
	5500	9,55 m ²	1,8	8,1	3		5800	13,00 m ²	2,5	15	3
	6300	11,11 m ²	2,1	9,4	3		6600	15,00 m ²	2,8	17,3	3
2040	3360	6,50 m ²	1,1	7,3	2	2550	3450	8,00 m ²	2,2	9,1	2
	4160	8,00 m ²	1,5	8,2	2		4350	10,00 m ²	3	12	2
	4960	9,50 m ²	1,7	10	3		5150	12,30 m ²	3,5	14,5	3
	5660	11,00 m ²	2	11,3	3		6000	14,40 m ²	4,2	17	3
	6460	12,70 m ²	2,3	13,3	3		6850	16,50 m ²	5	20	3
2210	3400	7,08 m ²	1,3	7,8	2	2800	3680	9,30 m ²	2,5	12,5	2
	4170	8,80 m ²	1,5	10	2		4500	11,60 m ²	3,5	15,5	2
	5000	10,70 m ²	2	11,7	3		5360	14,00 m ²	4	18,5	3
	5720	12,40 m ²	2,2	13,8	3		6230	16,40 m ²	4,5	22,5	3
	6500	14,20 m ²	2,5	15,8	3		7040	18,50 m ²	5,2	26	3
3000	Ask for Special design										