



***Two stage filtration in one filter unit!  
With rust proof body, ideal and permanent  
solution for sea water and surface water filtration!***

**Filternox® OPTIMIST and KATAMARAN models with extra automatic self-cleaning system for coarse screen besides automatic self-cleaning fine screen enable to make two-stage filtration in one filter unit.**

**Automatic self-cleaning Filternox® OPTIMIST and KATAMARAN models, provide the final and permanent solution for sea, lake and river water filtration.**

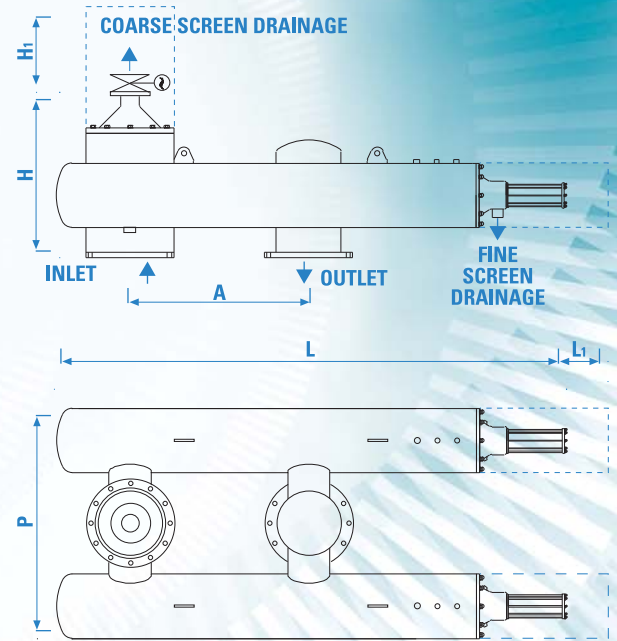
## General Technical Specifications

- Body Material : AISI 304 L (316 L optional)
- Screen Material : AISI 316 L
- Max. Operating Pressure : 10 bar
- Min. Inlet Pressure Required : 2 bar
- During Back-Flush : 2 bar
- Max. Operating Temperature : 60 °C
- Headloss at Max. Flow Rate : 0.2 bar
- Approximate Back-Flush Time : 20-60 sec. max.
- Approximate Back-Flush : 20-60 sec. max.
- Water Consumption : 150-400 l/back-flush
- Coarse Screen Back-Flush Outlet : Automatic valve
- Fine Screen Control System : PLC
- Coarse Screen Control System : Timer, ΔP

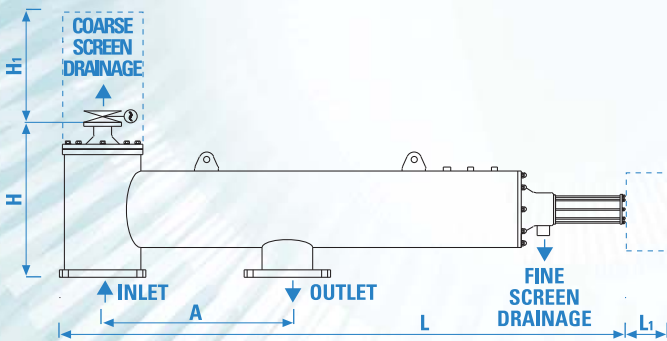
For high pressure high temperature and different materials, custom made filters can be produced.



## KATAMARAN



## OPTIMIST



### Standard OPTIMIST Models

MODEL	Diameters Inlet / Outlet		Max. Flow Rate (m³/h)	Surface Area (cm²)	A Min. (mm)	L (mm)	L <sub>1</sub> (mm)	H (mm)	H <sub>i</sub> (mm)	Weight (Kg)	
	(inch)	(DN)								Full	Empty
KFH 112406	6	150	180	4800	900	2225	1300	660	865	360	165
KFH 112606	6	150	200	7200	900	2625	1700	660	865	410	180
KFH 112608	8	200	320	7200	900	2625	1700	680	865	420	185
KFH 112610	10	250	400	7200	900	2625	1700	705	865	430	190

### Standard KATAMARAN Models

MODEL	Diameters Inlet / Outlet		Max. Flow Rate (m³/h)	Surface Area (cm²)	A Min. (mm)	L (mm)	L <sub>1</sub> (mm)	H (mm)	H <sub>i</sub> (mm)	P (mm)	Weight (Kg)	
	(inch)	(DN)									Full	Empty
KTW 210406	6	150	200	9600	900	1955	1300	695	865	1175	585	230
KTW 210606	6	150	250	14400	900	2355	1700	695	865	1175	670	260
KTW 210408	8	200	320	9600	900	1985	1300	680	865	1175	600	240
KTW 210608	8	200	350	14400	900	2385	1700	680	865	1175	700	270
KTW 212408	8	200	380	9600	900	2010	1300	680	865	1225	630	260
KTW 212608	8	200	400	14400	900	2410	1700	680	865	1225	725	290
KTW 212610	10	250	500	14400	900	2460	1700	705	835	1275	745	300
KTW 212612	12	300	750	14400	900	2460	1700	795	835	1325	765	315
KTW 212614	14	350	1000	14400	900	2515	1700	825	800	1425	800	345

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