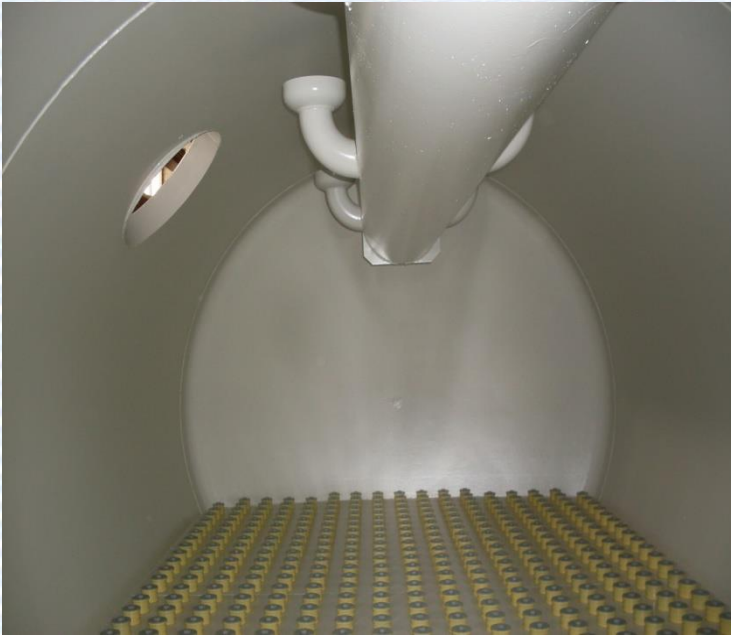


enki-horizontal-A



enki-horizontal is a horizontal filter is used to remove suspended solid or turbidity from the water. Horizontal pressure filters are especially suited well for the high volume flows required by large municipalities, industries, and power utilities.

STANDARD UNITS

enki-horizontal includes about twenty standard units, with the vessel diameter between 2000 and 4000 mm.

SURFACE TREATMENT / COATING

All tanks inside are sand blasted (SA2.5) and lined with epoxy coating at a 200 micron. All tanks outside are sand blasted (SA2.5) and lined with a corrosion resistant red oxide primer at a 50-75 micron and finish paint epoxy coating at a 50-75 micron.

TANK

Tanks are fabricated using high quality welded steel designed for 6 bar working pressure and tested at 9 bar.

MEDIA

enki-horizontal contain media with a bed depth between 800 - 1200 mm.

PIPING/VALVES / INSTRUMENTS

Filters include epoxy coated steel piping and pneumatic actuated butterfly valves. The prefabricated piping is ready for installation. Each filter supplied with two pressure gauges and a sample valve.

OPTIONAL

- Control panel
- PVC/PE/Stainless steel piping
- Flowmeter
- Sight glass
- Custom specified coating
- Custom specified valves
- SS Nozzles
- Differential pressure switch



enki-horizontal-A

	Flow rate (m ³ /h)			L	W	H	Media	Weight
	12 m ³ /h	15 m ³ /h	Backwash	mm	mm	mm	m ³	kg
IHFA-01	108	135	216	2.233	2.450	5.613	0	5.613
IHFA-02	140	175						
IHFA-03	172	215	344	3.013	3.500	8.355	0	8.355
IHFA-04	204	255						
IHFA-05	113	141	228	2.304	2.650	7.022	0	7.022
IHFA-06	146	183						
IHFA-07	214	267	472	2.708	2.700	11.522	0	11.522
IHFA-08	139	173						
IHFA-09	180	226	361	2.731	3.125	9.458	0	9.458
IHFA-10	264	330						
IHFA-11	203	254	406	2.905	3.300	10.985	0	10.985
IHFA-12	246	307						
IHFA-13	296	371	593	3.000	3.300	14.354	0	14.354
IHFA-14	293	366						
IHFA-15	343	429	686	3.500	3.900	20.831	0	20.831
IHFA-16	468	585						
IHFA-17	468	585	937	3.800	4.100	19.534	0	19.534
IHFA-18	366	458						
IHFA-19	502	627	1.003	3.800	4.100	28.335	0	28.335
IHFA-20	331	414						
IHFA-21	331	414	652	4.000	4.350	28.210	0	28.210
IHFA-22	526	658						

Standard Features

Operation Pressure	: 6 bar	Surface Protection	: Sa 2.5 Sand Blasting+ Epoxy coating
Operation temp.	: 40 °C	Design	: AD/PED
Material	: Carbon Steel	Valve type	: Butterfly

enki reserves the right to change the specifications referred to in this table at any time, without prior notice

