

enki-horizontal-B



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 - 1300 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



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Type	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
IHFB-01	108	135	216	2,233	2,450	5,613		5,613
IHFB-02	140	175						
IHFB-03	172	215	344	2,719	2,500	8,356		8,356
IHFB-04	204	255						
IHFB-05	113	141	225	2,309	2,650	7,023		7,023
IHFB-06	146	183						
IHFB-07	214	267	427	2,308	2,700	11,522		11,522
IHFB-08	139	173						
IHFB-09	180	226	361	2,731	3,125	9,458		9,458
IHFB-10	264	330						
IHFB-11	203	254	406	2,905	3,300	10,985		10,985
IHFB-12	246	307						
IHFB-13	296	371	590	3,000	3,300	14,354		14,354
IHFB-14	293	366						
IHFB-15	343	429	586	3,500	3,000	20,821		20,821
IHFB-16	468	585						
IHFB-17	468	585	937	3,800	4,100	19,534		19,534
IHFB-18	366	458						
IHFB-19	502	627	1,003	3,800	4,100	29,335		29,335
IHFB-20	331	414						
IHFB-21	331	414	662	4,000	4,350	28,210		28,210
IHFB-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 |
| Nozzle : PP | |

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

