

## enki-horizontal



**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.

It is possible to use **enki-horizontal** as media, sand or carbon filter.

### STANDARD UNITS

**enki-horizontal** includes about twenty standard units, with the vessel diameter between 2200 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
- Sightglass
- Custom specified coating
- Custom specified valves
- SS Nozzles
- Differential pressure switch

enki-horizontal								
Type	Flowrate (m <sup>3</sup> /h)			L	W	H	Media	Weight
	12 m3/h	15 m3/h	Backwash	mm	mm	mm	m3	kg
EYF-01								
EYF-02								
EYF-03								
EYF-04								
EYF-05								
EYF-06								
EYF-07								
EYF-08								
EYF-09	Please send an e-mail for dimension							
EYF-10								
EYF-11								
EYF-12								
EYF-13								
EYF-14								
EYF-15								
EYF-16								
EYF-17								
EYF-18								
EYF-19								
EYF-20								

#### Standard Features

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

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

