

enki-multi



enki-multi is a industrial multi media filter is used to remove suspended solid or turbidity from the water. These filters placed in front of Reverse Osmosis Unit, Demineralizer, Softeners, etc.

enki-multi contain gravel, sand, garnet and anthracite as filter media. Suspended solids, as small as 5-10 microns, are removed from liquids that are passed through multimedia filters.

STANDARD UNITS

enki-multi includes sixteen standard units, with the vessel diameter between 1550 and 4000 mm. They can be ordered either as a standard alone unit or integrated into most complex of control systems.

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-dual contain graded gravel, sand and anthracite as filter media. Each filter is designed with a minimum bed depth of 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
- Differential pressure switch
- PVC/Stainless steel piping
- Flowmeter
- Sight glass
- Custom specified coating
- Custom specified valves
- SS Nozzles



enki-multi								
Type	Flowrate (m3/h)			L	W	H	in/out	Weight
	min	max	Backwash	mm	mm	mm	DN	kg
IMF 20-155	19	37	56	1.785	1.940	3.460	80	5.700
IMF 20-170	22	45	67	1.935	2.175	3.560	100	6.900
IMF 20-190	28	56	84	2.135	2.375	3.600	100	8.480
IMF 20-215	36	72	107	2.385	2.625	3.797	100	10.780
IMF 20-230	41	82	123	2.535	2.860	3.856	125	12.250
IMF 20-245	47	93	140	2.685	3.010	3.865	125	14.060
IMF 20-255	50	101	151	2.810	3.110	3.890	125	15.390
IMF 20-270	56	113	169	2.960	3.355	3.980	150	17.170
IMF 20-285	63	126	189	3.110	3.500	4.059	150	18.980
IMF 20-300	70	139	209	3.260	3.650	4.090	150	20.960
IMF 20-320	79	158	238	3.460	4.030	4.230	200	24.130
IMF 20-335	87	174	261	3.610	4.205	4.280	200	26.390
IMF 20-350	95	190	285	3.760	4.355	4.370	200	29.240
IMF 20-365	103	207	310	3.910	4.480	4.450	200	31.450
IMF 20-380	112	224	336	4.060	4.655	4.525	200	33.910
IMF 20-400	124	248	372	4.260	5.035	4.755	250	38.540

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