



enki-iron-manganese



enki-iron-manganese is a industrial iron-manganese filter is used to remove iron, manganese and hydrogen sulfide from the water. These filters placed in front of Reverse Osmosis Unit, Demineralizer, Softeners, etc.

enki-iron-manganese contain gravel, mangandioksit and anthracite as filter media. Oxidized iron/manganese solids are removed from water.

STANDARD UNITS

enki-iron-manganese includes sixteen standard units, with the vessel diameter between 1.550 and 4.000 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-iron-manganese contain graded gravel, mangandioxide and anthracite as filter media. Each filter is designed with a minimum bed depth of 1200-1400 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
- Sightglass
- Custom specified coating
- Custom specified valves
- SS Nozzles



enki-iron/manganese								
Type	Flowrate (m3/h)			L	W	H	in/out	Weight
	min	max	Backwash	mm	mm	mm	DN	kg
EIM 20-155	19	37	56	1.705	1.940	3.435	80	4.510
EIM 20-170	22	45	67	1.855	2.175	3.525	100	5.410
EIM 20-190	28	56	84	1.955	2.372	3.565	100	6.770
EIM 20-215	36	72	107	2.305	2.625	3.735	100	8.680
EIM 20-230	41	82	123	2.455	2.860	3.810	125	9.940
EIM 20-245	47	93	140	2.605	3.015	3.855	125	11.290
EIM 20-255	50	101	151	2.730	3.115	3.910	125	12.200
EIM 20-270	56	113	169	2.880	3.355	4.000	150	13.690
EIM 20-285	63	126	189	3.030	3.505	4.080	150	15.260
EIM 20-300	70	139	209	3.180	3.655	4.110	150	16.930
EIM 20-320	79	158	238	3.380	4.030	4.250	200	19.220
EIM 20-335	87	174	261	3.530	4.205	4.300	200	21.080
EIM 20-350	95	190	285	3.680	4.355	4.370	200	23.030
EIM 20-365	103	207	310	3.830	4.480	4.450	200	25.060
EIM 20-380	112	224	336	3.980	4.655	4.530	200	27.170
EIM 20-400	124	248	372	4.180	5.035	4.760	250	30.070

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