

## enki-dual



**enki-dual** is an industrial dual media filter used to remove suspended solids or turbidity from the water. These filters are placed in front of Reverse Osmosis Units, Demineralizers, Softeners, etc.

**enki-dual** contains gravel, sand, and anthracite as filter media. Suspended solids, as small as 10 microns, are removed from liquids that are passed through multimedia filters.

### STANDARD UNITS

**enki-dual** 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 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** contains 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 is 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-dual								
Type	Flowrate (m3/h)			L	W	H	in/out	Weight
	min	max	Backwash	mm	mm	mm	DN	kg
IDF 20-155	19	37	56	1.785	1.940	3.460	80	4.240
IDF 20-170	22	45	67	1.935	2.175	3.560	100	5.150
IDF 20-190	28	56	84	2.135	2.375	3.600	100	6.290
IDF 20-215	36	72	107	2.385	2.625	3.797	100	7.960
IDF 20-230	41	82	123	2.535	2.860	3.856	125	9.030
IDF 20-245	47	93	140	2.685	3.010	3.865	125	10.400
IDF 20-255	50	101	151	2.810	3.110	3.890	125	11.440
IDF 20-270	56	113	169	2.960	3.355	3.980	150	12.730
IDF 20-285	63	126	189	3.110	3.500	4.059	150	14.030
IDF 20-300	70	139	209	3.260	3.650	4.090	150	15.480
IDF 20-320	79	158	238	3.460	4.030	4.230	200	17.900
IDF 20-335	87	174	261	3.610	4.205	4.280	200	19.560
IDF 20-350	95	190	285	3.760	4.355	4.370	200	21.790
IDF 20-365	103	207	310	3.910	4.480	4.450	200	23.330
IDF 20-380	112	224	336	4.060	4.655	4.525	200	25.120
IDF 20-400	124	248	372	4.260	5.035	4.755	250	28.810

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