



enki-carbon

enki-carbon is a activated carbon filter is used to remove chlorine, oil and organic substances from the water. These filters placed in front of Reverse Osmosis Unit, Demineralizer, etc.

enki-carbon contain gravel, sand and activated carbon as filter media.

STANDARD UNITS

enki-carbon 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-carbon contain gravel, sand and activated carbon 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
- PVC/Stainless steel piping
- Flowmeter
- Sight glass
- Custom specified coating
- Custom specified valves
- SS Nozzles



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Type	Flowrate (m3/h)			L	W	H	in/out	Weight
	min	max	Backwash	mm	mm	mm	DN	kg
ICF 20-155	19	37	56	1.785	1.940	3.460	80	3.660
ICF 20-170	22	45	67	1.935	2.175	3.560	100	4.460
ICF 20-190	28	56	84	2.135	2.375	3.600	100	5.420
ICF 20-215	36	72	107	2.385	2.625	3.797	100	6.860
ICF 20-230	41	82	123	2.535	2.860	3.856	125	7.760
ICF 20-245	47	93	140	2.685	3.010	3.865	125	8.960
ICF 20-255	50	101	151	2.810	3.110	3.890	125	9.880
ICF 20-270	56	113	169	2.960	3.355	3.980	150	10.980
ICF 20-285	63	126	189	3.110	3.500	4.059	150	12.080
ICF 20-300	70	139	209	3.260	3.650	4.090	150	13.320
ICF 20-320	79	158	238	3.460	4.030	4.230	200	15.450
ICF 20-335	87	174	261	3.610	4.205	4.280	200	16.870
ICF 20-350	95	190	285	3.760	4.355	4.370	200	18.840
ICF 20-365	103	207	310	3.910	4.480	4.450	200	20.130
ICF 20-380	112	224	336	4.060	4.655	4.525	200	21.650
ICF 20-400	124	248	372	4.260	5.035	4.755	250	24.970

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