



enki-calcite

enki-calcit is an industrial calcite filter is used to remove carbondioxide from the water and increase the hardness of water. These filters placed after Reverse Osmosis Unit.

enki-calcite contain gravel and calcite as filter media.

STANDARD UNITS

enki-calcite 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 ebonite lined. 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-calcite contain gravel and calcite as filter media.

PIPING/VALVES / INSTRUMENTS

Filters include PVC 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
- Flowmeter
- Sight glass
- Custom specified valves



enki-calcite								
Type	Flowrate (m3/h)			L	W	H	in/out	Weight
	min	max	Backwash	mm	mm	mm	DN	kg
ICMF 20-155	19	28	46	1.785	1.940	3.460	80	4.980
ICMF 20-170	22	33	56	1.935	2.175	3.560	100	6.030
ICMF 20-190	28	42	70	2.135	2.375	3.600	100	7.400
ICMF 20-215	36	54	89	2.385	2.625	3.797	100	9.390
ICMF 20-230	41	61	102	2.535	2.860	3.856	125	10.660
ICMF 20-245	47	70	116	2.685	3.010	3.865	125	12.260
ICMF 20-255	50	75	126	2.810	3.110	3.890	125	13.440
ICMF 20-270	56	85	141	2.960	3.355	3.980	150	14.980
ICMF 20-285	63	94	157	3.110	3.500	4.059	150	16.540
ICMF 20-300	70	105	174	3.260	3.650	4.090	150	18.260
ICMF 20-320	79	119	198	3.460	4.030	4.230	200	21.060
ICMF 20-335	87	130	217	3.610	4.205	4.280	200	23.020
ICMF 20-350	95	142	237	3.760	4.355	4.370	200	25.560
ICMF 20-365	103	155	258	3.910	4.480	4.450	200	27.440
ICMF 20-380	112	168	280	4.060	4.655	4.525	200	29.580
ICMF 20-400	124	186	310	4.260	5.035	4.755	250	33.740

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