

enki-soft

enki-soft is an industrial softener used to remove hardness (Ca^{+2} , Mg^{+2}) from the water. Softener is used to produce drinking and process water.

enki-soft contains gravel, sand, and cationic resin anthracite as filter media.

STANDARD UNITS

enki-soft includes twenty standard units, with the capacity of 10-200 m³/h. They can be ordered as a standard tandem unit with a brine tank control unit.

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-soft contains graded gravel and resin as media. Each tank is designed for eight-hour continuous operation.

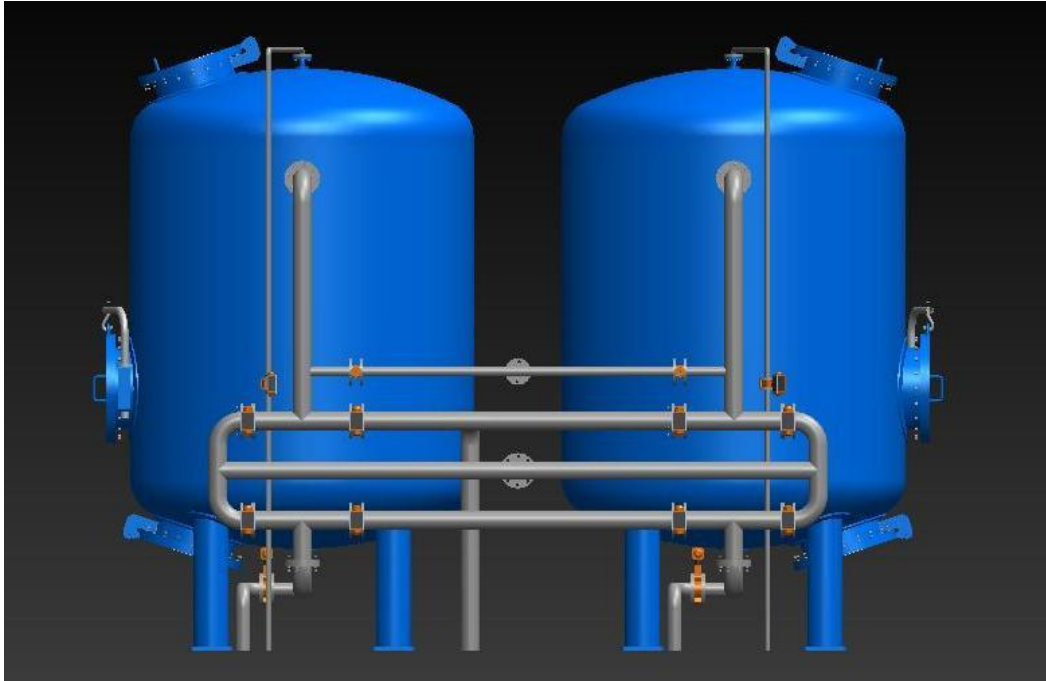
PIPING/VALVES / INSTRUMENTS

Tanks 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

- Operator panel
- PVC/PP/Stainless steel piping
- Flowmeter
- Sight glass
- Custom specified coating
- Custom specified valves
- SS Nozzles

TANDEM SOFTENING UNIT



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Type	Flowrate	Resin	L	W	H	Salt	Pipe Diam.	Weight
	m3/h	L	mm	mm	mm	kg	DN	kg
ISU-30-10	10	400	2.510	1.070	2.720	72	40	1.890
ISU-30-20	20	775	3.140	1.300	3.150	140	50	3.110
ISU-30-30	30	1.150	3.790	1.540	3.280	207	65	4.310
ISU-30-40	40	1.550	4.610	1.770	3.330	279	80	5.660
ISU-30-50	50	1.925	5.010	1.920	3.630	347	100	6.800
ISU-30-60	60	2.300	5.410	2.070	3.870	414	125	8.020
ISU-30-70	70	2.675	5.740	2.180	3.970	482	125	9.560
ISU-30-80	80	3.075	5.940	2.280	4.060	554	125	10.640
ISU-30-90	90	3.450	6.140	2.380	4.100	621	125	11.690
ISU-30-100	100	3.825	6.490	2.480	4.160	689	125	12.970
ISU-30-110	110	4.200	6.710	2.540	4.460	756	150	14.060
ISU-30-120	120	4.600	6.910	2.640	4.500	828	150	15.230
ISU-30-130	130	4.975	7.360	2.750	4.490	896	150	16.290
ISU-30-140	140	5.350	7.560	2.850	4.480	963	150	17.490
ISU-30-150	150	5.725	7.760	2.950	4.440	1.031	150	19.510
ISU-30-160	160	6.125	7.760	2.950	4.640	1.103	150	20.420
ISU-30-170	170	6.500	8.060	3.050	4.630	1.170	150	21.560
ISU-30-180	180	6.875	8.560	3.260	4.780	1.238	200	23.540
ISU-30-190	190	7.250	8.660	3.260	4.930	1.305	200	24.430
ISU-30-200	200	7.650	8.860	3.360	4.920	1.377	200	25.770

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