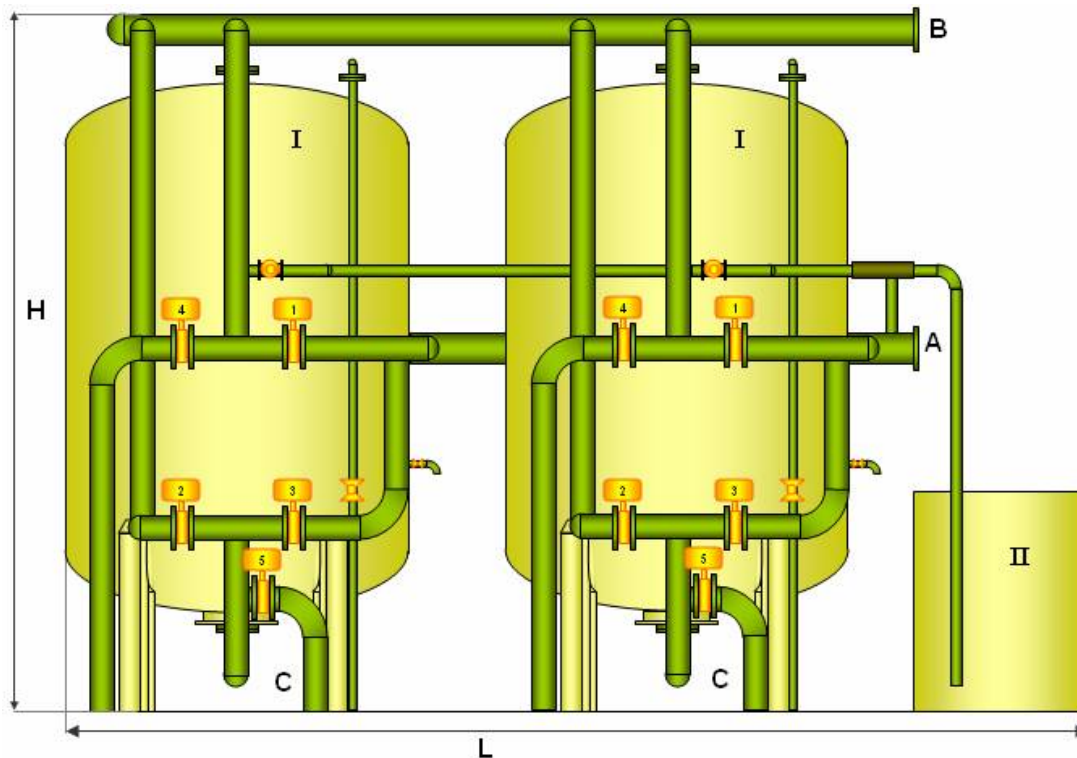




### TANDEM WATER SOFTENING UNIT



CAPACITY AND DIMENSION OF THE CO-CURRENT WATER SOFTENER

Type	Flowrate m <sup>3</sup> /h	Resin liters	L mm	W mm	H mm	Salt kg/reg.	Inlet DN	Shipping weight kg
ESY-30-10	10	400	2.510	1.070	2.720	72	40	1.890
ESY-30-20	20	775	3.140	1.300	3.150	140	50	3.110
ESY-30-30	30	1.150	3.790	1.540	3.280	207	65	4.310
ESY-30-40	40	1.550	4.610	1.770	3.330	279	80	5.660
ESY-30-50	50	1.925	5.010	1.920	3.630	347	100	6.800
ESY-30-60	60	2.300	5.410	2.070	3.870	414	125	8.020
ESY-30-70	70	2.675	5.740	2.180	3.970	482	125	9.560
ESY-30-80	80	3.075	5.940	2.280	4.060	554	125	10.640
ESY-30-90	90	3.450	6.140	2.380	4.100	621	125	11.690
ESY-30-100	100	3.825	6.490	2.480	4.160	689	125	12.970
ESY-30-110	110	4.200	6.710	2.540	4.460	756	150	14.060
ESY-30-120	120	4.600	6.910	2.640	4.500	828	150	15.230
ESY-30-130	130	4.975	7.360	2.750	4.490	896	150	16.290
ESY-30-140	140	5.350	7.560	2.850	4.480	963	150	17.490
ESY-30-150	150	5.725	7.760	2.950	4.440	1031	150	19.510
ESY-30-160	160	6.125	7.760	2.950	4.640	1.103	150	20.420
ESY-30-170	170	6.500	8.060	3.050	4.630	1170	150	21.560
ESY-30-180	180	6.875	8.560	3.260	4.780	1.238	200	23.540
ESY-30-190	190	7.250	8.660	3.260	4.930	1305	200	24.430
ESY-30-200	200	7.650	8.860	3.360	4.920	1.377	200	25.770

Design basis: a) Hardness: 30 °dF, Operating time: 8 hour. It is possible to manufacture custom specified softening unit.

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



# enki

## Water Treatment Technologies



	STANDARD FEATURES	OPTION
<b>Tank Construction</b>	Welded carbon steel,	GRP, stainless steel
<b>Design</b>	ASME or AD-Merkblatter	
<b>Working Pressure</b>	6 bar, max.	PVC,PP, GRP, stainless steel
<b>Temperature</b>	4-45 °C	According to the requirements
<b>Piping</b>	Epoxy coated carbon steel	PVC,PP, GRP, stainless steel, HDG
<b>Surface Protection</b>	Inside and outside sand blasted and epoxy painted.	Hot dip galvanized
<b>Valve</b>	Manual butterfly valves	Pneumatically actuated butterfly, Diaphragm, etc
<b>Nozzle</b>	PP nozzles	Stainless steel, PVDF
<b>Operation System</b>	Co-current	Counter current
<b>Control Unit</b>	Manually.	PLC
<b>Brine Tank</b>	Atmospheric tank with injector	Atmospheric tank with pump/mixer
<b>Other Optional Equipment</b>		
<ul style="list-style-type: none"><li>➤ Flow meter</li><li>➤ Hardness analyzer</li></ul>		