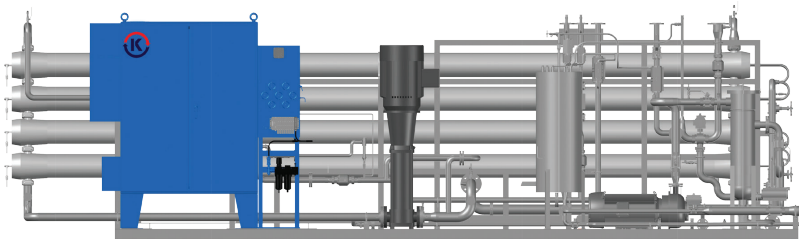


REVERSE OSMOSIS FOR WATER CONDITIONING

Kemco provides two offerings of reverse osmosis filtration - water conditioning and wastewater recycling. When used with water entering a processing plant, the reverse osmosis unit conditions the water, removing hardness ions, such as calcium and magnesium, as well as ions like salts. These impurities can cause fouling, scaling, oxidation damage, decrease efficiency and contaminate processes.



**KEMCO
SYSTEMS**

FEATURES

- Fully Packaged
- Low Pressure Design
- Flexible Design
- Variety of Types and Sizes of Membrane Housings
- Modular Design
- Automated Clean-in-Place

APPLICATIONS

Process Water Softening

Domestic Water Softening

Boiler Feed Water Makeup

Alternative to Traditional Ion Exchangers for Softening of Water

SPECIFICATIONS

DESIGN (GPM)	CAPACITY (GPD)	RO FEED (GPM)	RO REJECT (GPM)	INLET FEED	PRODUCT	REJECT	NOMINAL OPERATING PRESSURE (PSI)	PUMP (HP)	SHIPPING WEIGHT (LBS)	OPERATING WEIGHT (LBS)	SKID DIMENSIONS (L x W x H)		
2.5	3,600	3.3-3.8	0.8-1.3	¾"	½"	½"	125	1.0	375	425	56"	17"	57"
3.8	5,400	5.0-5.8	1.2-2.0	¾"	½"	½"	125	1.0	425	475	56"	17"	57"
5.0	7,200	6.7-7.7	1.7-2.7	¾"	½"	½"	125	1.0	475	525	56"	17"	57"
6.3	9,000	8.4-9.7	2.1-3.4	¾"	½"	½"	125	1.0	525	575	56"	17"	57"
7.5	10,800	10.0-11.5	2.5-4.0	1"	1"	1"	125	1.5	575	650	56"	18"	66"
8.8	12,600	11.7-13.5	2.9-4.7	1"	1"	1"	125	1.5	625	700	56"	18"	66"
10.0	14,400	13.3-15.4	3.3-5.4	1"	1"	1"	125	1.5	675	750	56"	18"	66"
11.3	16,200	15.0-17.4	3.7-6.1	1"	1"	1"	125	1.5	725	800	56"	18"	66"