



# Waterking®

Water Treatment Systems



**SEA WATER  
TREATMENT  
SYSTEMS**

**WK / SW SERIES  
SEA WATER REVERSE OSMOSIS**

**WATERKING.COM.TR**



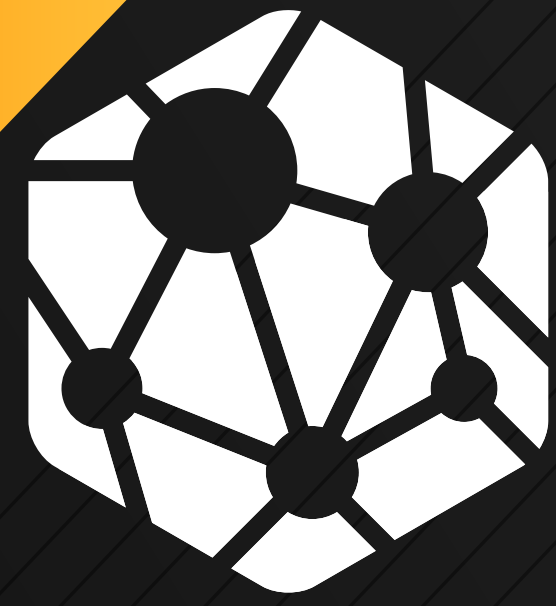
 **Istanbul / Turkey**



Water  
Quality  
ASSOCIATION®







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One of the methods of purifying the high conductivity waters is the reverse osmosis system. The systems working with reverse osmosis principle treat the water having high conductivity like seawater for domestic, commercial and industrial applications

- The systems without energy recovery,

The systems without energy recovery include only high pressure pump used to pressurize the water to required levels. This type of systems generally are built for capacities up to 100 m<sup>3</sup> /day

The systems with energy recovery are designed for capacities larger than 120 m<sup>3</sup> /day. Energy recovery devices are produced by a lot of companies. Although some of them give total solutions (high pressure pumps with energy recovery devices), the others only offer separate systems.



# USAGE AREA

Waterking Seawater Reverse Osmosis Systems are generally used for the treatment of sea water or high conductivity waters especially found near coastal areas. They are also used for ;

- For Boats and Ships which are generally far away from potable water resources for a long time,
- For places like hotels, apartments, houses which are far away from city water networks or which are in places having high potable water costs,
- For industrial places like factories, companies which are far away from city water networks or which are in places having high potable water costs
- For places in offshore islands or for petrol stations in the middle of the sea,
- For military applications or naval forces' boats, ships.



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MODEL	CAPACITY @20C m3 / day	MEMBRANE SIZE	MEMBRANE QTY.	FLUX lm2h	RECOVERY %	HIGH PRESSURE PUMP BRAND
WK SW 140	3	4040	1	13-16	18-35	Danfoss APP
WK SW 240	6	4040	2	13-16	18-35	Danfoss APP
WK SW 340	9	4040	3	13-16	18-35	Danfoss APP
WK SW 440	12	4040	4	13-16	18-35	Danfoss APP
WK SW 280	30	8040	2	13-16	20-40	Danfoss APP
WK SW 380	45	8040	3	13-16	20-40	Danfoss APP
WK SW 480	60	8040	4	13-16	20-40	Danfoss APP
WK SW 580	90	8040	5	13-16	20-40	Danfoss APP
WK SW 880	120	8040	8	13-16	20-40	Danfoss APP
WK SW 1280	180	8040	12	14-17	35-45	Cat Pump, Grundfos, Fedco
WK SW 1580	225	8040	15	14-17	35-45	Cat Pump, Grundfos, Fedco
WK SW 1880	270	8040	18	14-17	35-45	Cat Pump, Grundfos, Fedco
WK SW 2480	360	8040	24	14-17	35-45	Cat Pump, Grundfos, Fedco
WK SW 3080	450	8040	30	14-17	35-45	Cat Pump, Grundfos, Fedco
WK SW 3680	540	8040	36	14-17	35-45	Cat Pump, Grundfos, Fedco
WK SW 4280	630	8040	42	14-17	35-45	Cat Pump, Grundfos, Fedco
WK SW 4880	720	8040	48	14-17	35-45	Cat Pump, Grundfos, Fedco
WK SW 6080	900	8040	60	14-17	35-45	Cat Pump, Grundfos, Fedco
WK SW 7880	1.200	8040	78	14-17	35-45	Cat Pump, Grundfos, Fedco
WK SW 9680	1.500	8040	96	14-17	35-45	Cat Pump, Grundfos, Fedco



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