



Series K

28,000-324,000 Gallons/ Day (4.5 to 50 m³/hr)

STANDARD EQUIPMENT

- Thin Film Composite Membranes
- FRP Pressure Vessels
- Motor Actuated Feed Valve
- Stainless Steel Centrifugal Pump
- Big Blue Filter for K-48B & K-68C, SS Housing for Others
- Low Pressure Shut-Off Switch
- Auto Feed Shut-Off
- Stainless Steel Flow Control
- Feed Pressure Gauges (2)
- System Pressure Gauges (2)
- Powder Coated Frame
- Cleaning Ports (2)
- Permeate Flowmeter
- Concentrate Flowmeter
- Permeate TDS Display
- ROC 150D Microprocessor/Controller
Automatically Controls:
 - Motorized Actuated Feed Valve
 - Delayed High Pressure Pump Start-Up
 - Automatic Shut-Down at Tank Full
 - Low or High Pressure Fault Shut-Down
 - Pre-Treatment Lock-Out
- Two Panel Switches For:
 - Auxiliary Output enable/disable
 - System Power
- Five Indicator Lights:
 - On/Off
 - Backwash
 - Tank Full
 - LP Fault
 - HP Fault
- Hour Meter

OPTIONAL EQUIPMENT

- Stainless Steel Filter Housing
 - Concentrate Recycle Flowmeter
 - Permeate Flush System
 - pH Monitor
 - Temperature Gauge
 - Float Tree for Storage Tank*
 - Feed Water Flush at Shut-Down*
 - Feed TDS Monitor
 - Chemical Dosing System
 - Feed Booster Pump
 - Permeate Repressurization Pump
 - PLC
 - Differential Pressure Gauge
 - ORP Monitor/Controller
 - Integrated Cleaning
 - Turbidity Meter
 - Pre-Treatment Equipment:*
Carbon filter, softener, media filter
 - Crating*
- *Recommended Minimum Options*

Model	Capacity			No. of Elmnts*	Line Sizes (In/cm)			Dimensions (In/cm)			Approx. Weight (lb/kg)
	GPM	GPD	m ³ /hr		Inlet	Perm.	Conc.	Length	Width	Height	
K-48B	20	28,800	4.5	4	2/5	1.5/4	1.5/4	100/254	44/112	72/183	1310/594
K-68C	30	43,200	5	6	2/5	1.5/4	1.5/4	134/340	44/112	72/183	1425/646
K-98C	45	64,800	8	9	2/5	1.5/4	1.5/4	134/340	44/112	72/183	1735/787
K-128D	60	86,400	11	12	3/8	2/5	1.5/4	174/442	44/112	72/183	2005/909
K-168D	80	115,200	15	16	3/8	2/5	2/5	174/442	44/112	72/183	2275/1032
K-208D	100	144,000	18	20	3/8	3/7.5	2/5	174/442	44/112	72/183	2645/1200
K-248D	120	172,800	22	24	4/10	3/7.5	2/5	174/442	44/112	72/183	2910/1320
K-288D	140	201,600	25	28	4/10	3/7.5	2/5	174/442	60/152	72/183	3280/1488
K-368F	175	252,000	38	36	4/10	3/7.5	2/5	254/645	60/152	72/183	3795/1721
K-428F	200	288,000	44	42	4/10	3/7.5	2/5	254/645	60/152	72/183	5275/2392
K-488F	225	324,000	50	48	4/10	3/7.5	2/5	254/645	60/152	72/183	5660/2567

*Elements are 40" (102 cm) in length and 8" (20 cm) in Diameter

NOTES

- All dimensions and weights are approximate.
- Systems rated at 77°F (25°C) using 1000 ppm to 3000 ppm feed water and approx. 225 psi (16 kg/cm²) pressure. System capacity changes significantly with water temperature and feed TDS. For higher TDS, a water analysis must be supplied and could result in modifications to the system.
- Chlorine must be removed prior to RO System if present in the Feed Water.
- Water must be pretreated by softener or antiscalant to avoid scaling the membranes.

ORDERING INFORMATION

Please add voltage code to the end of the model number when ordering. **Example:** K-98C-236 = 220/230v/3 ph/60 hz

Voltage Codes: 236 = 220 or 230v/ 3ph/ 60hz
436 = 460 or 480v/ 3ph/ 60 hz

235 = 220v/3ph/50hz
335 = 380v/3ph/50 hz

No Single Phase Available