

Skid Mount R.O. Systems



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
- Five Micron Filter/Housing K-48B & K-68C (Optional on K-98C/up)
- 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
- Microprocessor/Controller
- Automatically Controls:
 - Inlet Valve
 - Delayed High Pressure Pump Start-Up
 - Automatic Shut-Down at Tank Full
 - Low or High Pressure Fault Shut-Down
 - Automatic Restart each hour after a problem shut-down
 - Pre-Treatment Lock-Out
- Two Panel Switches For:
 - Auxiliary Output enable/disable
 - System Power
- Five Indicator Lights:
 - Tank Full
 - Fresh Flush
 - Pressure Fault
 - Inlet Solenoid
 - Back Wash
- Hour Meter

OPTIONAL EQUIPMENT

- Filter Housing, Stainless Steel
- Concentrate Recycle Flowmeter
- Permeate Flush System
- pH Monitor
- Permeate TDS Display
- Temperature Monitor
- 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
- Integrated Cleaning
- Turbidity Meter
- Pre-Treatment Equipment: Carbon filter, softener, media filter
- Crating

Model	GPM	Capacity		Design % Recovery w/out Recycle	No. of Elmnts*	Line Sizes In/Cm			Dimensions (In/cm)			Wt (approx.) lb/kg	Motor HP	
		GPD	m ³ /hr			Inlet	Perm	Conc	Length	Width	Height		60 Hz 230/46	50 Hz 220/38
K-48B	20	28800	4.5	50	4	2/5	1.5/4	1.5/4	134/330	44/112	72/185	1280/580	15	15
K-68C	30	43200	5	60	6	2/5	1.5/4	1.5/4	174/445	44/112	72/185	1580/718	15	15
K-98C	45	64800	8	65	9	2/5	1.5/4	1.5/4	174/445	44/112	72/185	1950/686	20	20
K-128D	60	86400	11	65	12	3/8	1.5/4	1.5/4	214/545	44/112	72/185	2550/1160	25	25
K-168D	80	115200	15	70	16	3/8	2/5	2/5	214/545	44/112	72/185	3300/1500	30	30
K-208D	100	144000	18	70	20	3/8	2/5	2/5	214/545	60/155	72/185	3900/1772	30	30
K-248D	120	172800	22	70	24	4/10	2/5	2/5	214/545	60/155	72/185	4500/2045	40	40
K-288D	140	201600	25	70	28	4/10	2/5	2/5	214/545	60/155	72/185	5200/2364	40	40
K-368F	175	252000	38	75	36	4/10	3/7.5	2/5	284/710	60/155	72/185	6800/3100	50	50
K-428F	200	288000	44	75	42	4/10	3/7.5	2/5	284/710	60/155	72/185	8000/3616	60	60
K-488F	225	324000	50	75	48	4/10	3/7.5	2/5	284/710	60/155	72/185	9200/4160	75	75

*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.
- Chlorine must be removed prior to RO System if present in the Feed Water.

ORDERING INFORMATION

Please add our voltage codes 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 235 = 220v/3ph/50hz
 436 = 460 or 480v/ 3ph/ 60 hz 335 = 380v/3ph/50 hz **No Single Phase Available**

