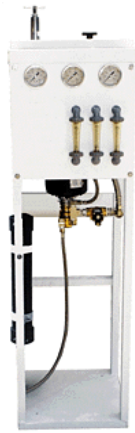


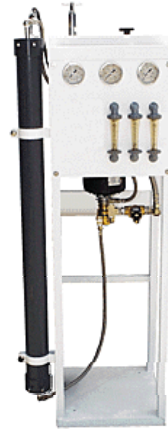
**REVERSE OSMOSIS SYSTEM SPECIFICATION
150 TO 1,200 GALLONS PER DAY**



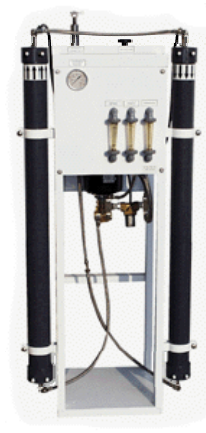
TESRO-150



TESRO-250



TESRO-600



TESRO-1200

STANDARD FEATURES

- T.F.C. R.O. Membranes with 99% Average Salt Rejection
- 5 Micron Sediment Prefilter
- Stainless Steel Hoses
- Rotary Vane Pump with 1-Phase Motor
- Automatic Feed Water Shut-off Valve
- Powder-coated Frame
- Concentrate Pressure Gauge

OPTIONAL FEATURES

- Low pressure shut-off switch
- Product water flow meter
- Concentrate water flow meter
- Concentrate recycle valve
- Recycle flow meter
- Stainless Steel pump
- 50Hz / 220V motor
- Prefilter pressure gauges
- TDS monitor
- Powder-coated or Stainless Steel wall-mount frame
- Fiberglass or Stainless Steel Pressure Vessel

SYSTEM SPECIFICATIONS

Model	Production		3 rd Year Operating pressure (psi)	Inlet Size	Element size (in)	Designed Recovery (%) (without recycle)		Motor HP	
	GPD	LPD				60 Hz	50 Hz	60Hz/ 115V Standard Model	50Hz/ 220V High Efficiency Model
	TESRO-150	150				567	200	½"	2.5" x 14"
TESRO-250	250	945	200	½"	2.5" x 21"	23	27	1/3	1/3
TESRO-600	600	2,271	200	½"	2.5" x 40"	26	24	1/2	1/2
TESRO-1200	800	3,028	200	½"	2.5" x 40" (2)	40	48	1/2	1/2

Based on 24 hours of operation, feed TDS of 1000 mg / L and temperature of 25° C

WEIGHTS & DIMENSIONS: (Optional features may increase dimensions)

Model	Approximate Shipping Dimensions				Approximate Unit Dimensions			
	Length (in/cm)	Width (in/cm)	Height (in/cm)	Weight (lb./Kg)	Length (in/cm)	Width (in/cm)	Height (in/cm)	Weight (lb./Kg)
TESRO-150	33/84	24/61	58/147	117/53	17/43	17/43	53/135	67/30
TESRO-250	33/84	24/61	58/147	118/54	17/43	17/43	53/135	68/31
TESRO-600	33/84	24/61	58/147	120/55	20/51	17/43	53/135	70/32
TESRO-1200	33/84	24/61	58/147	124/57	124/61	17/43	53/135	74/34

REVERSE OSMOSIS SYSTEM SPECIFICATION 1,500 TO 6,000 GALLONS PER DAY



TESRO-1500



TESRO-3000



TESRO-4500



TESRO-6000

STANDARD FEATURES

- T.F.C. R.O. Membranes with 99% Average Salt Rejection
- Expandability from TESRO-1500 to TESRO-3000 or from TESRO-4500 to TESRO-6000
- 5 Micron Sediment Prefilter
- Stainless Steel Hosing
- Centrifugal Booster Pump with 1-Phase Motor
- Automatic Feed Water Shut-off Valve
- Concentrate Pressure Gauge

OPTIONAL FEATURES

- Low Pressure Shut-off Switch
- Product Water Flow Meter
- Concentrate Water Flow Meter
- Concentrate Recycle Valve
- Recycle Flow Meter
- Stainless Steel Pump
- 50Hz / 220V Motor
- Prefilter Pressure Gauges
- TDS Monitor
- Brackish Water Membranes
- Fiberglass or Stainless Steel Pressure Vessels
- High-Efficiency Model
- High-Flow Membranes

SYSTEM SPECIFICATIONS

MODEL	Production		Operating Pressure 3 rd Year (psi)		Inlet (Hose)	No. of 4" x 40" Elements	Designed Recovery %	Motor HP (1 – phase)			
	GPD	LPD						60 Hz 115V		50 Hz 220V	
			Standard Model	High Efficiency				Standard Model	High Efficiency		
TESRO-1500	1500	5,678	160	114	¾"	1	20	1.0	¾	1.0	1.0
TESRO-3000	3000	11,355	145	117	¾"	2	32	1.0	¾	1.0	1.0
TESRO-4500	4500	17,033	160	124	¾"	3	40	1.5	1.0	1.5	1.0
TESRO-6000	6000	22,710	167	135	¾"	4	50	3.0	1.0	1.5	1.0

* Based on 24 hours of operation, feed TDS of 1000 mg /L and temperature of 25° C

WEIGHTS & DIMENSIONS: (Optional features may increase dimensions)

Model	Approximate Shipping Dimensions				Approximate Unit Dimensions			
	L (in/cm)	W (in/cm)	H (in/cm)	Weight (lb./kg)	L (in/cm)	W (in/cm)	H (in/cm)	Weight (lb./kg)
TESRO-1500	33/84	24/61	58/147	160/72	26/66	20/50	53/135	111/50
TESRO-3000	33/84	24/61	58/147	190/86	26/66	20/50	53/135	142/64
TESRO-4500 (50Hz)	33/84	24/61	58/147	220/99	26/66	20/50	53/135	173/78
TESRO-4500 (60Hz)	33/84	24/61	58/147	220/99	26/66	20/50	53/135	173/78
TESRO-6000 (50Hz)	33/84	24/61	58/147	255/115	26/66	20/50	53/135	205/92
TESRO-6000 (60Hz)	33/84	24/61	58/147	255/115	26/66	20/50	53/135	205/92