

EWT Commercial Reverse Osmosis Specifications

MODEL	EWT-250	EWT-500	EWT-1000	EWT-2000
110V 60Hz	EWT25010	EWT50010	EWT100010	EWT200010
220V 60Hz	EWT 25011	EWT50011	EWT100011	EWT 200011
Flow Specifications				
Production Capacity gpm / lpm	.17 gpm .64 lpm	.34 gpm 1.28 lpm	.69 gpm 2.61 lpm	1.38 gpm 5.22 lpm
Recovery Range	35%	50%	35%	50%
Max Feed T.D.S.	2000	2000	2000	2000
Membranes and Vessels				
Membrane	100-2521	100-2521	100-4021	100-4021
Membrane Qty.	1	2	1	2
Membrane Size	2521	2521	4021	4021
Nominal Rejection	98.5%	98.5%	98.5%	98.5%
Vessel Material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Vessels	1	2	1	2
Array	1	1:1	1	1:1
Pre-Filters				
Size	4.5" X 10"	4.5" X 10"	4.5" X 20"	4.5" X 20"
Type	Sediment	Sediment	Sediment	Sediment
Micron	5	5	5	5
Material	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Type	Block	Block	Block	Block
Micron	10	10	10	10
Material	Coconut Carbon	Coconut Carbon	Coconut Carbon	Coconut Carbon
Pump and Motor				
Pump Type	Vane	Vane	Vane	Vane
Pump Material	Low Lead Brass	Low Lead Brass	Low Lead Brass	Low Lead Brass
Motor HP (60Hz)	1/3	1/3	3/4	3/4
Motor Type	Carbonator	Carbonator	Carbonator	Carbonator
Electrical				
Phase	1	1	1	1
Frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Amp Draw 110V	7	7	11	11
Amp Draw 220V	4	4	7	7
Connections				
Feed	¾" FNPT	¾" FNPT	¾" FNPT	¾" FNPT
Permeate	3/8" QC	3/8" QC	1/2" QC	1/2" QC
Concentrate	3/8" QC	3/8" QC	1/2" QC	1/2" QC
Weights & Dimensions				
L" X W" X H"	15 ¾" X 25" X 31"	15 ¾" X 25" X 31"	21 ¾" X 25" X 31"	21 ¾" X 25" X 31"
Weights (lbs.)	80	90	110	120

Systems production and recovery based on 500TDS, 77°F softened feed water. Computer projections should be run to optimize the systems recovery and membrane life.