

# N-Series *Product Specifications*



## Reverse Osmosis Drinking Water System

Specifications	N-200 CA	N-400 CA	N-400 TFM	N-800 TFM
Membrane type	CA	CA	TFM	TFM
Capacity	200 GPD (0.8 m3/d)	400 GPD (1.5 m3/d)	400 GPD (1.5 m3/d)	800 GPD (3.0 m3/d)
No. of membranes	1	2	1	2
Max. Operating Pressure	200 psi (13.6 bar)	200 psi (13.6 bar))	200 psi (13.6 bar)	200 psi (13.6 bar)
Typical TDS rejection	>95%	>95%	>98%	>98%
Max. Feed Temp	95 F (35 C)	95 F (35 C))	122 F (50 C)	122 F (50 C)
Feed pH	5.0-6.5	5.0-6.5	4 –11	4 –11
Recovery	33%	33%	33%	33%
Electrical				
110V/50 Hz	7.8 A	7.8 A	7.8 A	8.6 A
220V/50Hz	3.9 A	3.9 A	3.9 A	6.7 A
120V/60Hz	7.2 A	7.2 A	7.2 A	11.0 A
240V/60Hzl	3.6 A	3.6 A	3.6 A	5.5 A
Motor Rating	½ Hp	½ Hp	1/2Hp (3/4 Hp)	¾ Hp (1 Hp)
Maximum Feed TDS	2000 ppm	2000 ppm	2000 ppm **	2000 ppm **
Systems Dimensions	19" x 16"x42" 48 cm x 41 cm x 107 cm	19" x 16"x42" 48 cm x 41 cm x 107 cm	19" x 16"x42" 48 cm x 41 cm x 107 cm	19" x 16"x42" 48 cm x 41 cm x 107 cm
Weight lbs. (kg)	62 lbs ( 28)	68 lbs ( 31)	62 lbs (28)	84lbs (38)

*\*Production rate and rejection are based on membrane performance after 24 hours at 200 psi (13.6 bar) operating pressure, 77 F (25 C) water temperature and 1000 ppm TDS. Flow may vary +/- 15%. Potential membrane foulants such as Iron, Hydrogen Sulfide and Manganese must be removed from the feed stream prior to the system.*

*\*\* Stainless steel pumps maybe added to increase Maximum Feed TDS to 5000 ppm. Other products are available to treat water with TDS levels that exceed 5000 ppm.*

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