

Sierra *Product Specifications*



Reverse Osmosis Drinking Water System

Specifications	Model Sierra NS -1 Series	Model Sierra NS-3 Series	Model Sierra NS-5 Series
Filter Type No1	25 /10 Micron Sed/Carbon	25 /10 Micron Sed/Carbon	25 /10 Micron Sed/Carbon
Filter Type No2	Carbon Block	Carbon Block	Carbon Block
Membrane Standard	TF - 30	TF-30	TF-30
U.V. Option	N/A	.5 GPM rating	.5 GPM rating
Capacity *	Up to 75 GPD	Up to 75 GPD	Up to 75 GPD
Feed Water	Potable water supply	Potable water supply	Potable water supply
Max Operating Pressure	100 psi (6.8 bar)	100 psi (6.8 bar)	100 psi (6.8 bar)
Min Operating Pressure	40 psi (2.7 bar)	10 psi (2.7 bar) booster pump included	40 psi (2.7 bar)
Electrical	N/A	24 VAC	24 VAC
Maximum Feed Temperature	100 F (38 C)	100 F (38 C)	100 F (38 C)
Feed pH range	4-11	4-11	4-11
Maximum Feed TDS	2000 ppm	2000 ppm	2000 ppm
Typical TDS Rejection	>95%	>95%	>95%
Systems Dimensions	13" x 14" x 17" 33 cm x 35.5 cm x 43 cm	13" x 14" x 17" 33 cm x 35.5 cm x 43 cm	13" x 14" x 17" 33 cm x 35.5 cm x 43 cm
Weight lbs. (kg)	19 lbs (8.6)	19 lbs (8.6)	23 lbs (10.45)

***Production rate and rejection are based on membrane performance after 24 hours at 60 psi (4.1 bar) operating pressure [except NS-3, 75 psi (5 bar)], 77 F (25 C) water temperature and 1000 ppm NaCl.. Flow may vary +/- 15%. Transformers available for 100 V, 115 V and 230 Volt electrical. Model NS-1N30 NSF listed.**

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