3 Stage Reverse Osmosis

Features

- Easy & convenient twist-lock sumps
- Quiet & fast auto shut-off built into head
- Proprietary cartridge connection ensures your replacement business for life
- Reduces 97% of Total Dissolved Solids – as small as 0.01 microns
- Includes auxiliary faucet, 2.8 gallon tank and all hardware
- Improves taste & clarity

Tested and Certified by the Water Quality Association against NSF/ANSI Standard 58 for the reduction of Cysts, Lead, Pentavalent Arsenic, Nitrites/Nitrates, Chromium III, Chromium VI, Selenium, Cadmium and Total Dissolved Solids (TDS) and against NSF/ANSI Standard 42 for the aesthetic reduction of Particulates and Chlorine Taste & Odor.

EPA Est. 088572-CHN-001 EPA Est. 083731-CHN-001

Paragon water systems

	U.S.	Metric
Membrane Production[1]	35 ± 7 gpd	(106–159 lpd)
Membrane TDS Reduction[1]	96.6% minimum	96.6% minimum
System Production[2]	19.4 gpd	73.4 lpd
TDS Reduction[2]	97.5%+ typical	97.5%+ typical
Maximum TDS	2000 ppm	2000 ppm
Maximum water hardness @ 6.9pH	10 gpg	2.64 gpL
Maximum Chlorine in water	3.0 ppm	3.0 ppm
Supply water pH limits	4-10	4-10
Drain (reject water) Flow	3-5 x product flow	3-5 x product flow
Empty Storage Tank Precharge	5-7 psi air	35-48 kPa air
Storage Tank Capacity[2]	2.8 gallons	10.6 liters
Supply water pressure limits	40-100 psi	280-689 kPa
Supply water temperature limit	40-100^0 F	5-40^0 C
Efficiency[3]	19%	19%
Recovery[4]	30.6%	30.6%

Specifications – Qualified System Performance

Because the performance of a Reverse Osmosis Membrane is highly dependent upon pressure, temperature and TDS, the following should be used for comparison purposes only.

1. Industry standards measure RO Membranes performance with no back pressure on the product water, at 60 psig (414kPa) and 77°F (25°C). Further conditions on the above are 250 ppm TDS and a 30.6% recovery rate. Production rate and TDS reduction figures are for a new Membrane that has been rinsed for 24 hours. The production rate of a new Membrane can decrease by 10% per year or more, depending upon the scaling and fouling tendencies of the Feed Water.
2. Measured at 50 psi, 77°±2°F, and 717 mg/l TDS per NSF/ANSI Standard 58.
3. Efficiency rating means the percentage of the influent water to the system that is available to the user as reverse osmosis treated water under operating conditions that approximate typical daily usage.
4. Recovery rating means the percentage of the influent water to the membrane portion of the system that is available to the user as reverse osmosis treated water when the system is operated without a storage tank or when the storage tank is bypassed.