

LNP-SERIES REVERSE OSMOSIS WATER SYSTEM

LNP-800-10B

The LNP-800 reverse osmosis system is ideal for low to medium volume applications where space is at a premium. An integrated blending valve and a TDS meter allow for precise TDS water profiles for downstream processes.

The LNP-800 is part of the Kinetico Commercial Reverse Osmosis portfolio of products.

- **Advanced Filtration.** Delivers high quality water via a three-stage reverse osmosis system.
- **Capacity.** 800 gallons per day of high quality water.
- **Line Pressure Water Production.** Utilizes standard, incoming feed water pressure. Systems are ideal for large draw applications. Does not require a hydraulic shut-off valve.
- **Permeate Pump.** Hydraulic energy powers the system and optimizes system recovery.
- **Dual Prefiltration.** Includes a 20 micron sediment prefilter and 10 micron carbon block prefilter.
- **Space-Saving Design.** Compact, wall-mount frame.
- **Easy to Install.** Quick-connect fittings simplify installation.
- **TDS Monitor.** Integrated TDS monitor displays product water quality.
- **Blending Valve.** Allows for precise blending of filtered water with reverse osmosis product water to achieve desired TDS profile.
- **Optional Accessories:**
 - **Carbon Postfiltration.** Improves product water quality by removing taste and odor.
 - **Product Storage Tank.** System provides a constant supply and pressure of high quality water.



Over 40 Years
Experience



Non-Electric



Advanced Filtration



Product Water
Blending



Quiet Operation



Space-Saving
Design

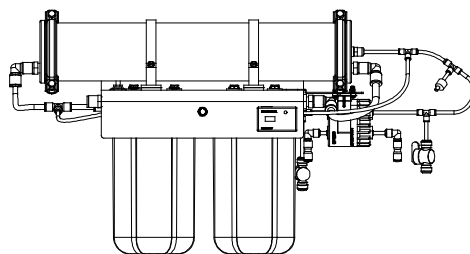


Optional
Accessories



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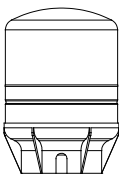
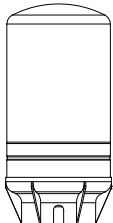


System Specifications	LNP-800-10B
System Size (w x d x h) in	31 x 10 x 19
Weight	30 lbs
Daily Production	800 gpd*
Membrane	(1) 4" x 21"
Prefilter	(1) 10" 20 micron sediment filter and (1) 10" 10 micron carbon block filter
Postfilter	optional

Operating Specifications	
Minimum Feed Pressure	25
Operating Pressure	40 - 80 psi
Maximum Hardness	<15 grains
Operating Temperature	40°F - 100°F (4°C - 38°C)
Maximum Chlorine	<1.0 ppm
Maximum Total Dissolved Solids	2,000 ppm
pH Range	3 - 10
Silt Density Index	<5.0 SDI
Turbidity	<1.0 NTU
Iron, Manganese, Hydrogen Sulfide	0 ppm

* Based on membrane performance after 24 hours, 77°F (25°C), 500 ppm TDS and 65 psi. Membrane performance may vary ±15%

Storage Tank Options

		
Tank Type	Bladder	Bladder
Tank Description	14 gallon	20 gallon
Tank Height in/cm	15 / 38.1	15 / 38.1
Tank Diameter in/cm	23 / 58.4	33 / 83.8
Material	Lined Steel	Lined Steel