

Reverse Osmosis Systems

CAN 400 SERIES / CAN 800 SERIES



Canature WaterGroup™ has a dedicated team of professionals with decades of commercial water treatment experience. They have built a reputation for designing efficient, high-quality commercial water softener systems.

Our **CAN LC RO** systems are an affordable solution for light commercial applications.



CAN 800 SERIES



CAN 400 SERIES

Operating Parameters

- Maximum Operating Pressure: 120 psi
- Nominal recovery: 33% to 50%
- Nominal salt rejection: 95–98%
- Operating temperature: 33–100° F
- Design temperature: 77° F
- Minimum inlet pressure: 20 psi

Materials of Construction

- Frame: Powder coated carbon steel
- Membrane element: TFC 400 GPD
- Membrane housings: GF Polypropylene
- Tubing: High Density Polyethylene

Pump and Motor

- 115V — 24VAC 60 Hz diaphragm pump

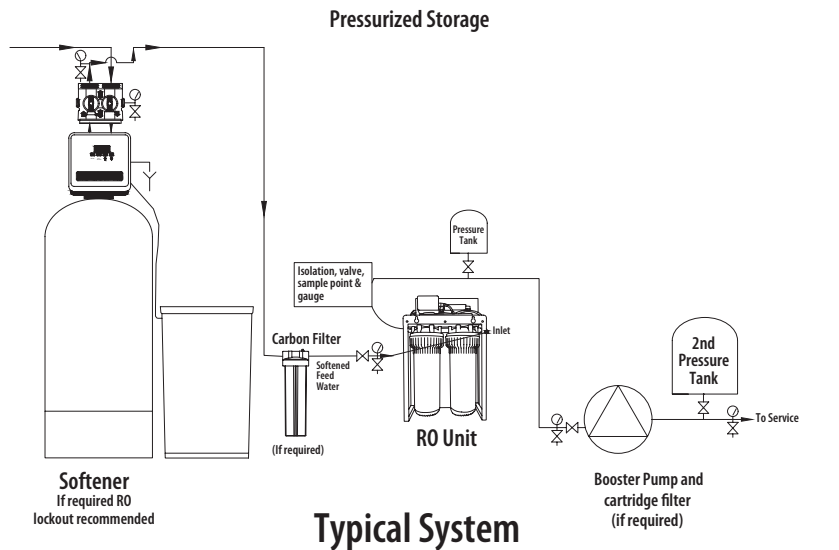
Standard Features

- Electronic controller
- 5-micron sediment pre-filter
- GAC pre-filter
- Air purge on start up
- Automatic inlet shut-off valve
- Automatic feed water flush
- Low pressure pump protection
- Dual purpose wrench for use on membrane cap and filter housing

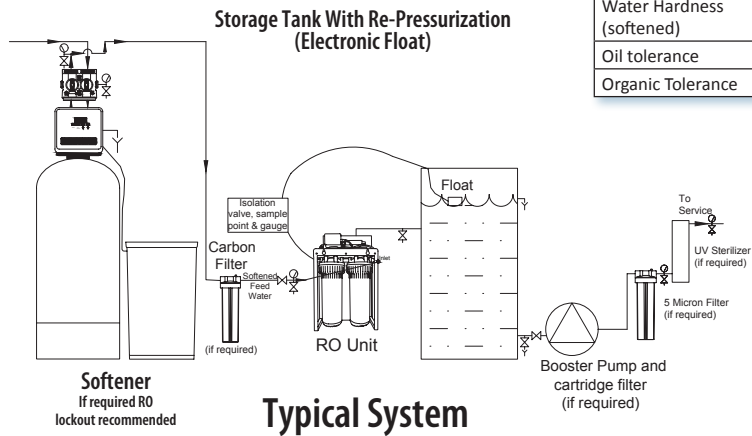
For Applications Such As:

Boiler Treatment • Spot-free Rinse • Ice Making • Greenhouses • Research and Medical Labs
Process Make-up Water • Humidification • Ion exchange Pre-treatment • Bottle Water • Food and Beverage Processing

Reverse Osmosis Systems



Maximum Operating Pressure	120 PSI	827kPa
Feed Line Pressure Min/Max	30 to 60 PSI	207kPa to 414kPa
Feed Water Temperature Maximum	100 F	37 C
Total Dissolved Solids Max	2000 mg/l	2000 mg/l
Turbidity	< 1 NTU	< 1 NTU
pH Range	5 to 10	5 to 10
Silt Density Index Well Water	<3	<3
Surface Water	<5	<5
Chlorine/Chloramines Max	0 mg/l	0 mg/l
Iron Maximum	< 0.1 mg/l	< 0.1 mg/l
Manganese Maximum	<0.05 mg/l	< 0.05 mg/l
Hydrogen Sulfide	0 ppm	0 ppm
Water Hardness (softened)	< 1 grain	< 17 mg/l
Oil tolerance	0 ppm	0 ppm
Organic Tolerance	0 ppm	0 ppm



Model	Max Permeate Flow ¹	Recovery %	Rejection ²	Qty Membranes	Operating Pressure	1st STAGE	2nd STAGE	Dimensions HxWxD inches	Voltage	Shipping Weight
CAN 400	400 GPD	25 - 50%	> 95%	1	120 psi	10" 5 micron	10" GAC	18 x 11 x 9	115 V	26 lbs
CAN 800	800 GPD	25 - 50%	> 95%	2	120 psi	20" 5 micron	20" GAC	29 x 15 x 11	115 V	52 lbs

¹The maximum permeate flow as defined by the membrane specifications and the feed water conditions of 2,000 ppm NaCl, 77 deg. F, 200 psi operating to atmosphere.

²TDS rejection and water recovery are variable and can be effected by temperature and feed water conditions.



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