Reverse Osmosis

Reverse Osmosis (R.O.) is one of the most convenient and economical methods of reducing unwanted contaminants in your drinking water.

- ***5 Stage R.O. Filtration System***
- ***R.O. Output 70 gallons per day***
- ***FDA Compliant Materials***
- ***Water saving shut-off is built into the system***
- ***WQA / NSF Certified Materials***

MEMBER Water Quality ASSOCIATION

ATS

Providing Better Water For Better Living.

Reverse Osmosis

SPECIFICATIONS

Model #	RO-100	RO-102	RO-102A
Booster Pump Standard with Unit	***YES***	***YES***	***NO***
Membrane Rating[1]			
Membrane Production	100 ± 7 Gallons per day	70 ± 7 Gallons per day	70 ± 7 Gallons per day
Membrane T.D.S. Reduction	95% minimum	95% minimum	95% minimum
Maximum Incoming Water Specifications			
Water Pressure[2]	40-125 psi	40-125 psi	40-125 psi
T.D.S	Less than 2000 ppm	Less than 2000 ppm	Less than 2000 ppm
Temperature	40-125°F	40-125°F	40-125°F
pH	5-10	5-10	5-10
Hardness	Less than 10 gpg	Less than 10 gpg	Less than 10 gpg
Iron	Less than .1 ppm	Less than .1 ppm	Less than .1 ppm
Manganese	Less than .05 ppm	Less than .05 ppm	Less than .05 ppm
Hydrogen Sulfide	None	None	None
Chlorine [3]	None	None	None
Bacteria [4]	Water source must be potable	Water source must be potable	Water source must be potable

1. *Measured at Industry Standard condition of 60 psi, 77°F, 500 ppm T.D.S., and discharging to atmosphere.*
2. *Actual capacity measured at 50 psi, 50°F, and 325 ppm T.D.S.*
3. *Chlorine will damage a T.F.M. Membrane. The Carbon Prefilter cartridge will remove chlorine from the incoming water. Change cartridge every 6 months, more often if the water contains more than 1 ppm chlorine.*
4. *Do not use these systems where the feed water is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the unit.*

RO-100

RO-102A