

SunChemical[®]

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Reverse Osmosis Water or Tap Water?

09/29/2018

working for you.

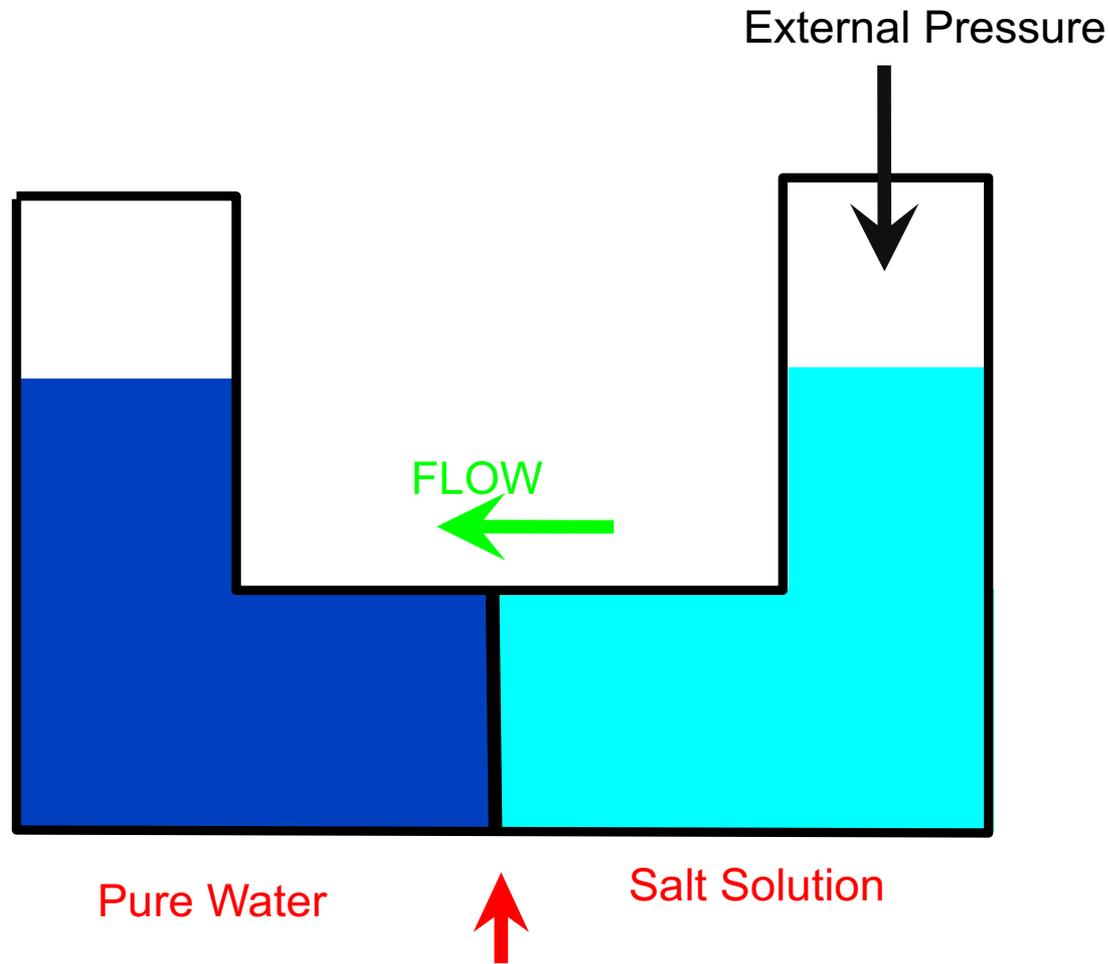


What is RO

- Reverse osmosis is a water purification technology that uses a semipermeable membrane to remove ions, molecules, and larger particles from water.
- In reverse osmosis, an applied pressure is used to overcome osmotic pressure.
- The result is that the particles are retained on the pressurized side of the membrane and the pure water is allowed to pass to the other side.



REVERSE OSMOSIS



Pure Water

Salt Solution

Semipermeable Membrane

WATER HARDNESS

The U.S. Department of the Interior quantifies hard water in the following way:

Soft	Less than 1.0 gpg, less than 17.1 ppm
Slightly Hard	1 to 3.5 gpg, 17.1 to 60 ppm
Moderately Hard	3.5 to 7.0 gpg, 60 to 120 ppm
Hard	7.0 to 10.5 gpg, 120 to 180 ppm
Very Hard	0.5 and over gpg, 180 and over ppm

GPG: Grains Per Gallon | PPM: Parts Per Million



How do I determine my water quality?

- You can check your incoming water for either hardness or conductivity.
- Contact your local water company. Generally they keep records on the water quality and can provide you with a history of what is supplied.



Do I need RO

- Is your water hard?
 - Hard water can leave deposits that can block spray bars or Turbo dampeners
- Is your water consistent?
 - In some areas incoming tap water can vary from day to day and or season to season.





Thank You!