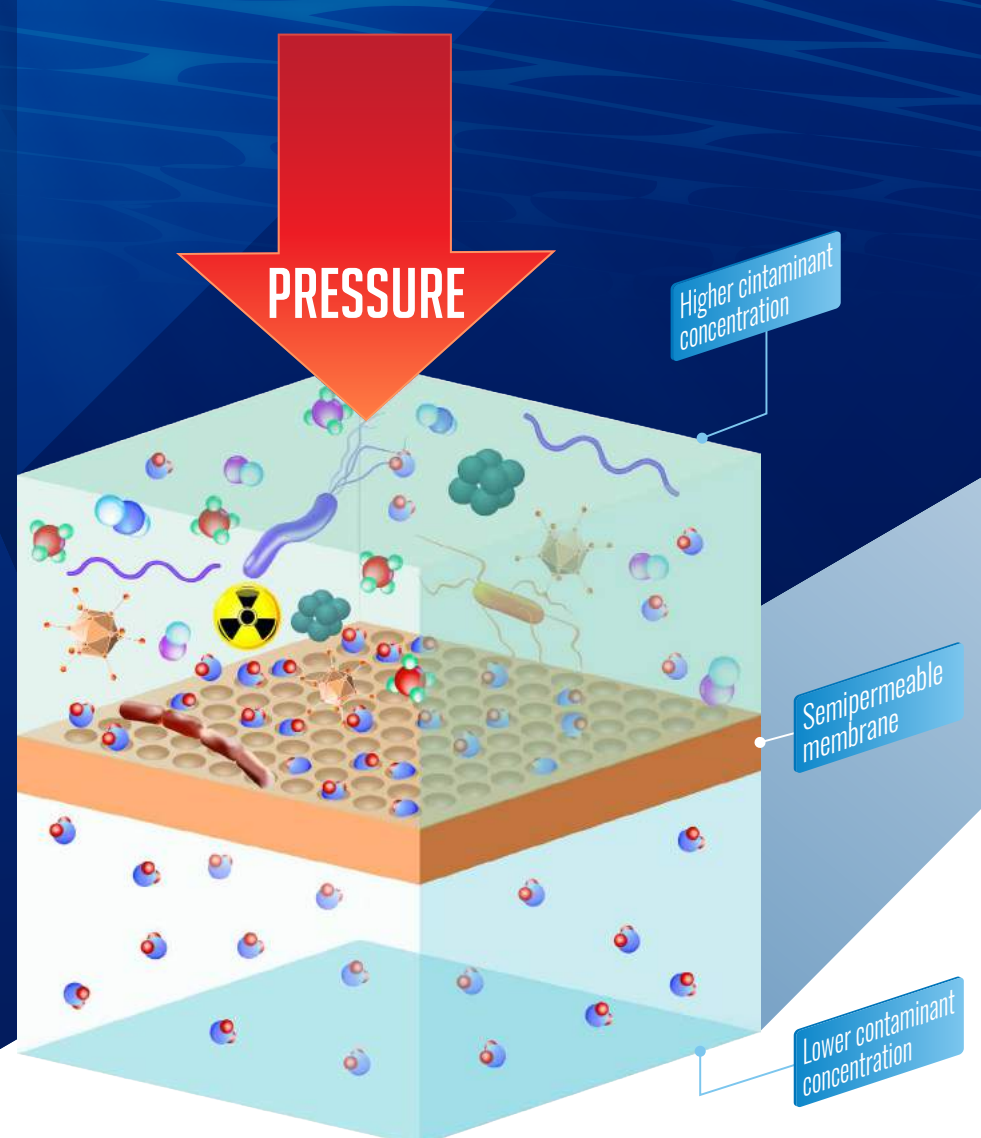


HOW REVERSE OSMOSIS WORKS



Reverse Osmosis (RO) filtration is one of the most popular water filtration systems for both residential and commercial use.

RO WATER...



Tastes better than bottled water.



Removes toxins from tap water.

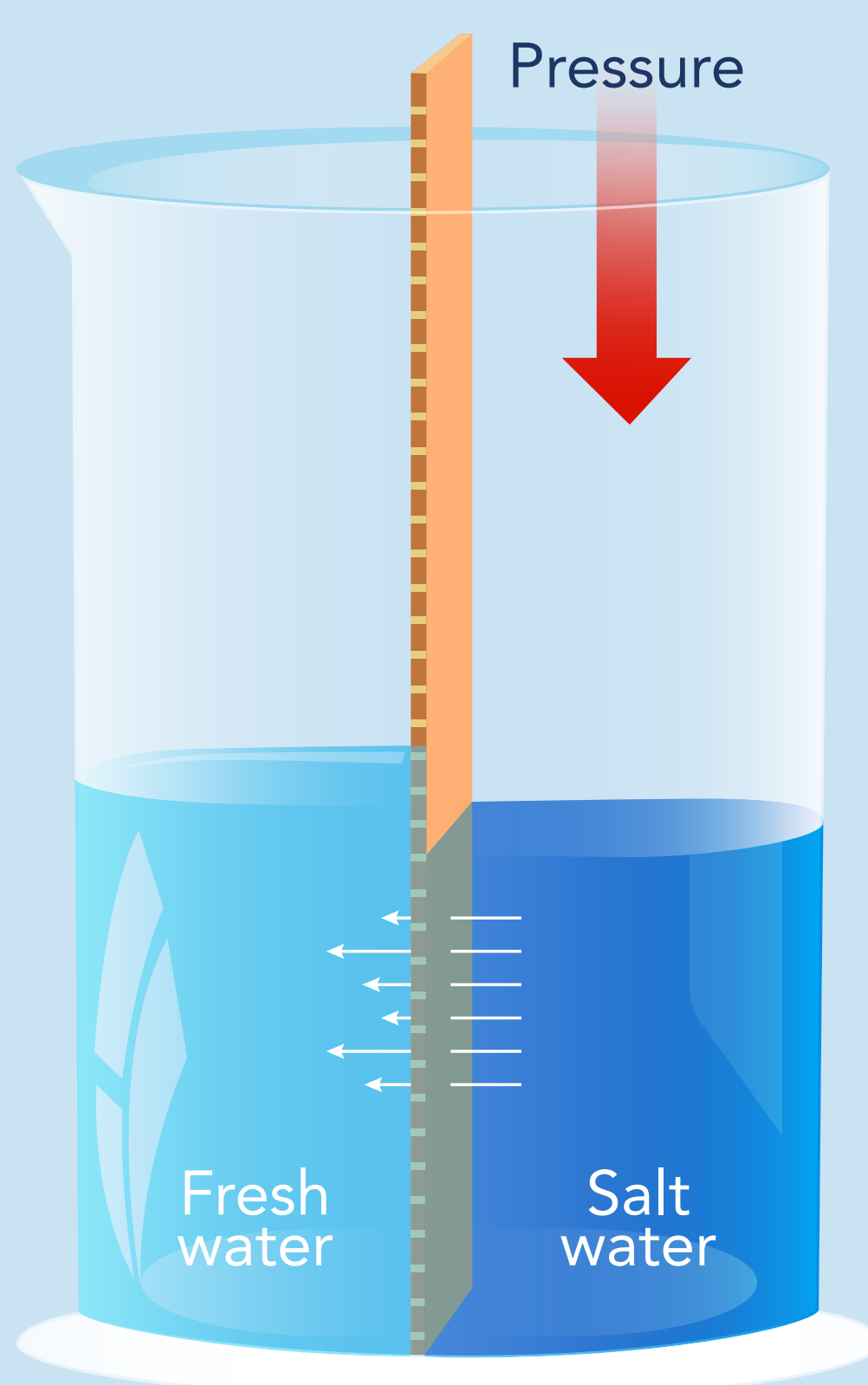


Is a cost-effective solution to treat contaminated water.

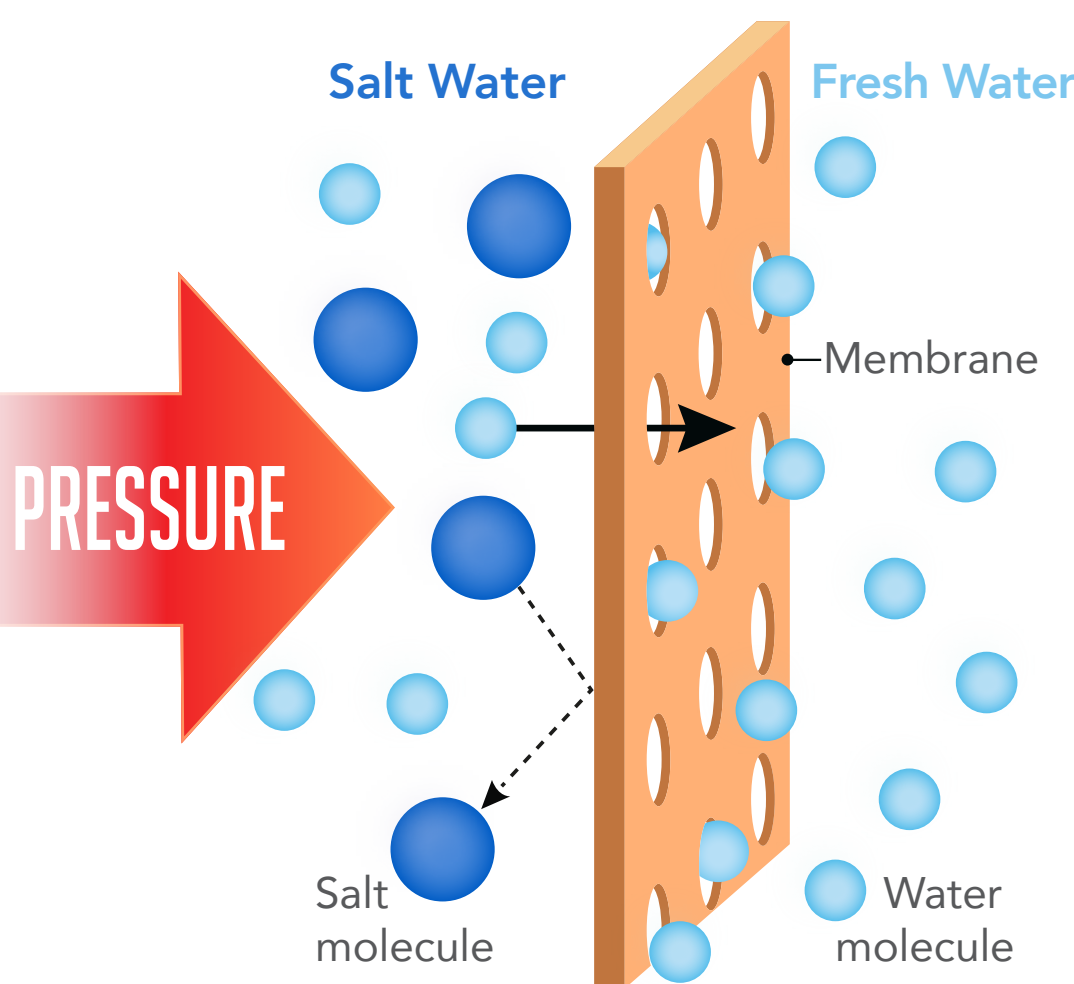
WHAT IS REVERSE OSMOSIS?

Reverse osmosis (RO) is a **water purification technology** that uses a **semipermeable membrane** to remove ions, molecules and larger particles from drinking water.

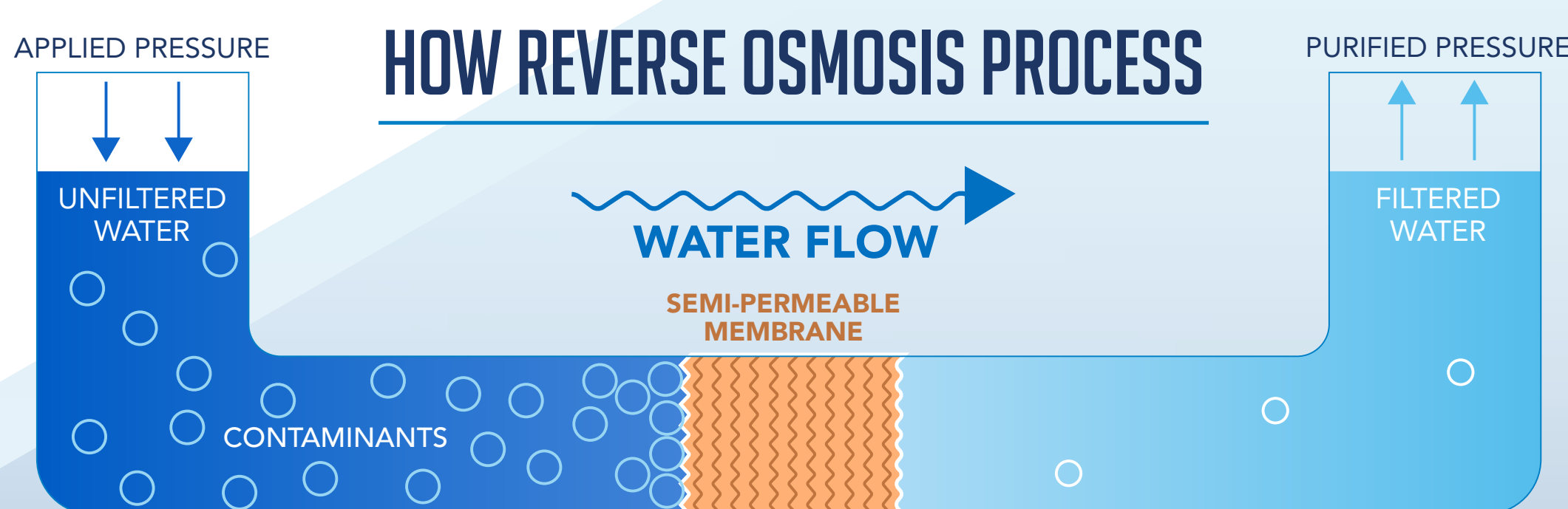
A **semipermeable membrane** is a layer that only certain molecules can pass through.



HOW REVERSE OSMOSIS WORKS



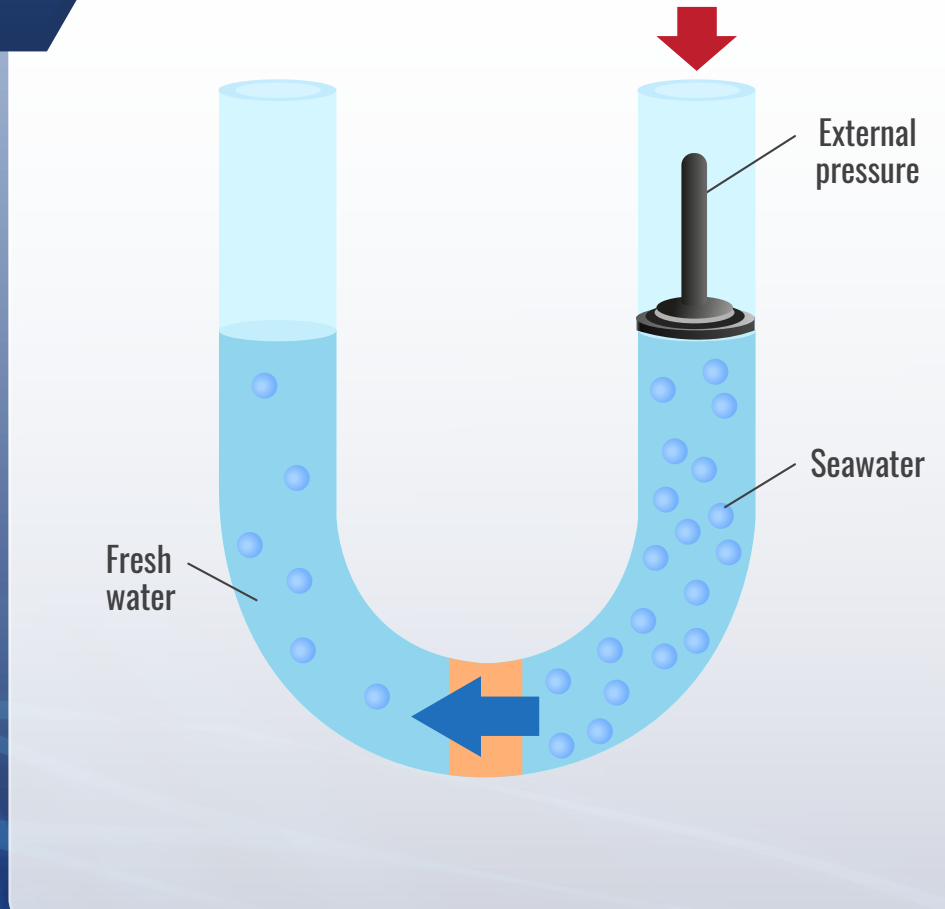
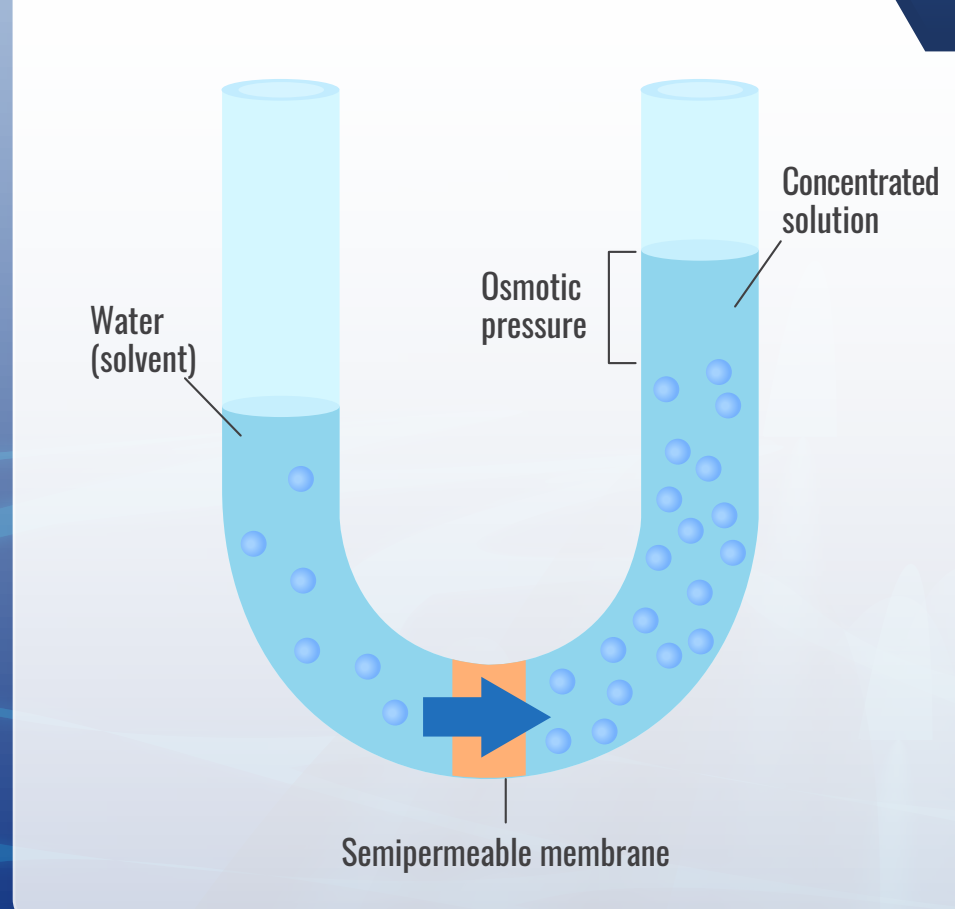
- RO works by applying pressure to contaminated water.
- As water works its way through the semipermeable membrane, the membrane blocks out impurities and permits clean water to pass through.
- So, a reverse osmosis system takes water from low purity to high purity by filtering out contaminants.



OSMOSIS

VS

REVERSE OSMOSIS



WHY RO WATER FILTRATION?



SOURCES:

<https://biologydictionary.net/semipermeable-membrane/>
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https://www.cdc.gov/healthywater/drinking/home-water-treatment/household_water_treatment.html
<https://www.axeonwater.com/blog/whats-difference-commercial-vs-residential-reverse-osmosis-units/>

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