

BFW LLC



BEST FLORIDA WATER

REVERSE OSMOSIS

786-992-2773

thebestfloridawater.com

HISTORY OF REVERSE OSMOSIS

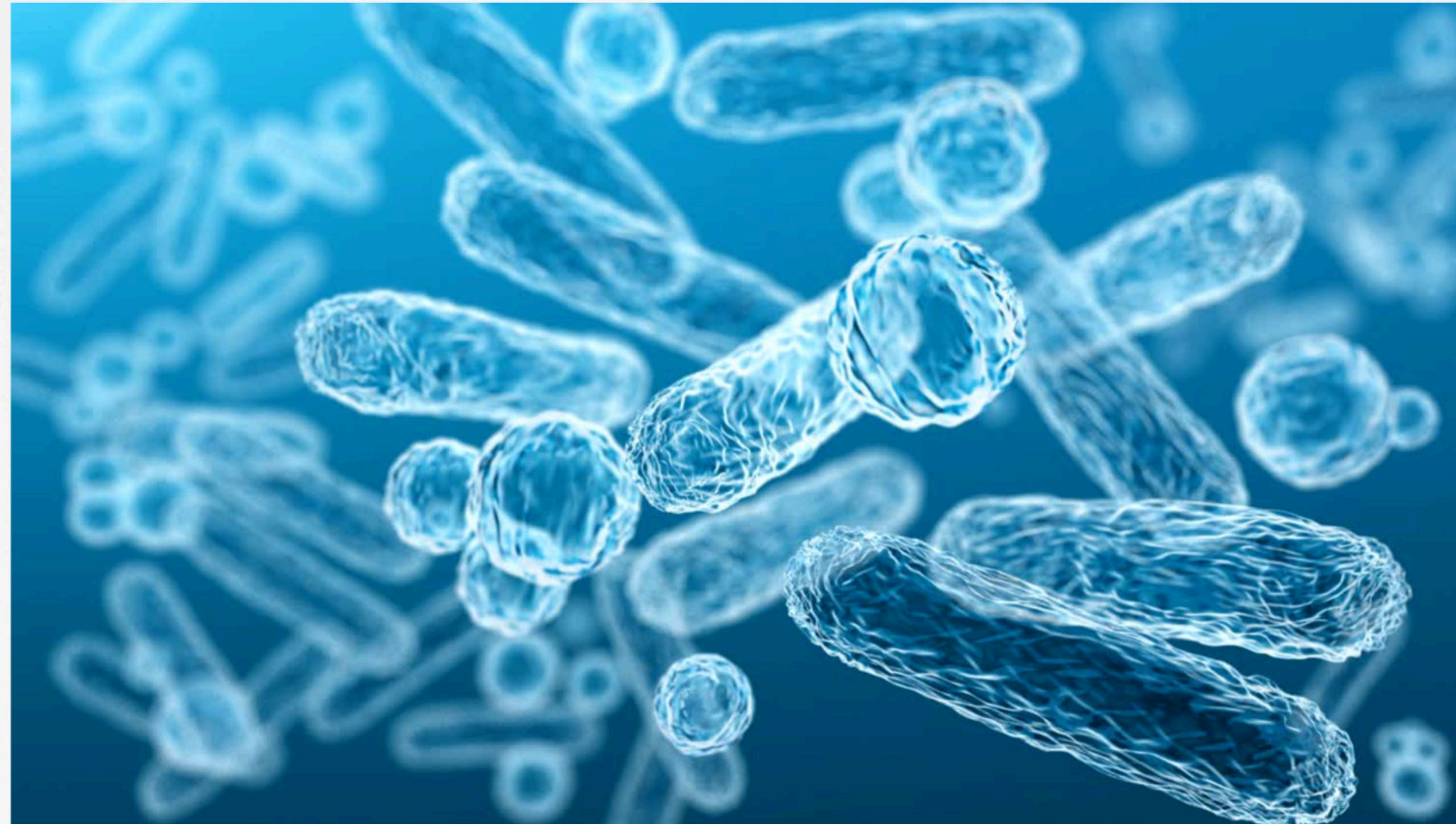
Reverse osmosis technology was developed in the 1950s and 1960s, primarily at UCLA and the University of Florida. In 1959, Sidney Loeb and Srinivasa Sourirajan at UCLA developed functional synthetic RO membranes. The first commercial RO plant was built in Coalinga, California, in 1965. DuPont patented the Permease RO element, the first commercial RO membrane for treating brackish water, in 1969

HOW DOES THE REVERSE OSMOSIS MEMBRANE WORK?

A reverse osmosis membrane is a thin film with tiny pores that permit only water molecules to pass through, blocking all contaminants. It's made of a semi-permeable material that allows water flow, but blocks dissolved salts, organics, bacteria, and pyrogens. When pressurized, pure water diffuses through the membrane into the permeate flow, leaving contaminants behind.

REVERSE OSMOSIS REMOVES UP TO 99% OF IMPURITIES LIKE:

- ***Lead, Arsenic, Nitrates/Nitrites, Radium, Barium, Fluoride, Sodium, Sulfates***
- ***Pesticides/Herbicides, Bacteria***
- ***Iron & Manganese (if pretreated), Chlorides & TDS (Total Dissolved Solids)***



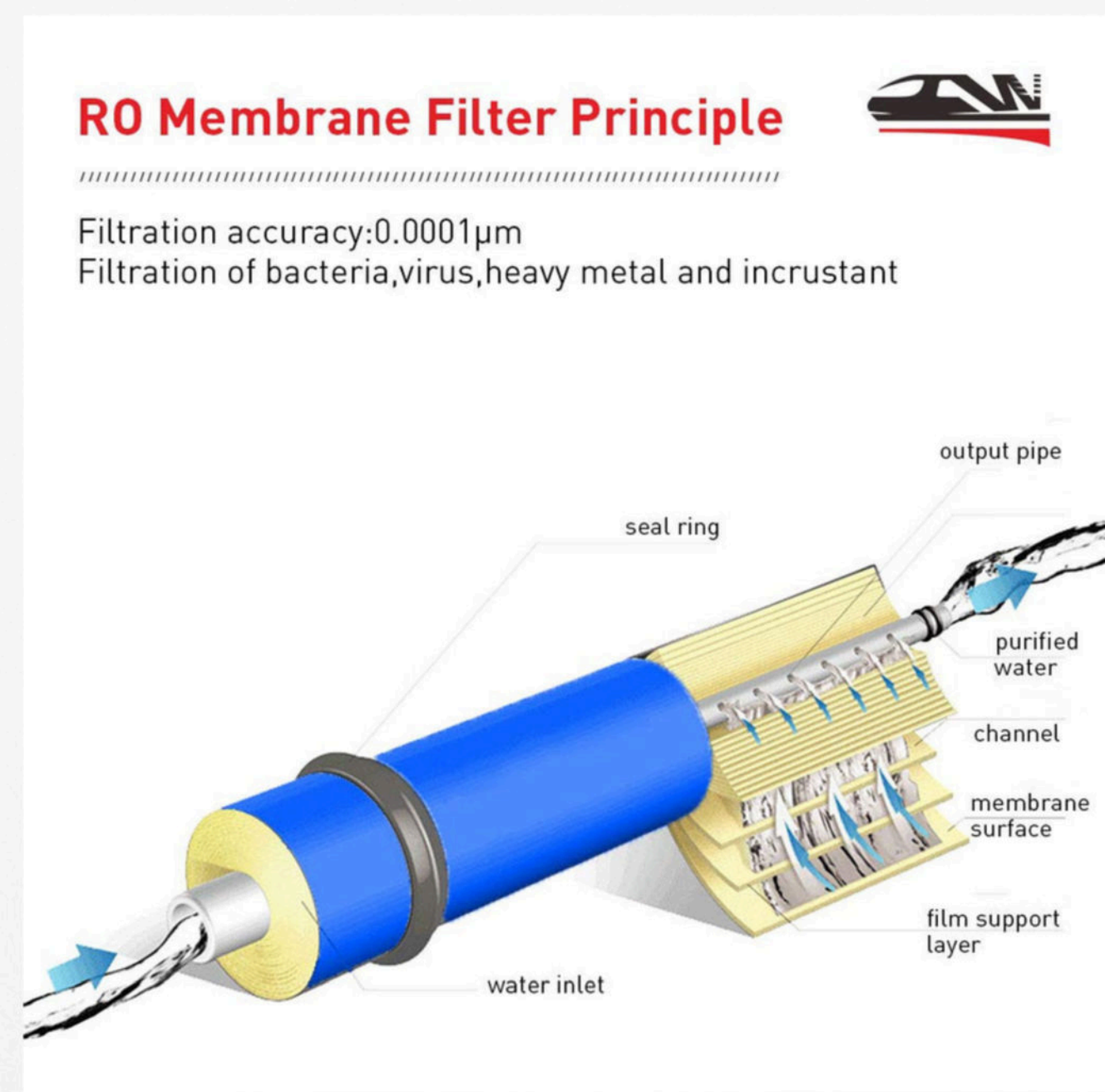
Polluted water is forced through the semi-permeable membrane by mains pressure. Pure water passes easily, while pollutants larger than 0.0005 microns are washed away into a waste stream that goes down the drain. This waste stream contains all of the filtered-out contaminants, including pesticides, metals, bacteria, and viruses.

Reverse Osmosis systems are consistently one of the better **PFAS water filters** and water filters that filters fluoride as well.

In the U.S., lead was commonly used in plumbing pipes, solder, and fixtures until the mid-1980s.

The Safe Drinking Water Act Amendments of 1986 made it illegal to use lead pipes or lead-based solders in drinking water systems.

However, homes built before 1986 — especially those built before 1950 — are more likely to have lead service lines or lead-containing plumbing. A Reverse Osmosis (RO) system is a highly effective way to remove lead.



Our systems feature trusted components made by Hydronix, an American brand for COMERCIAL or RESIDENCIAL PURPOSES.



*Hydronix is a registered trademark of its respective owner.
We are not affiliated with or endorsed by Hydronix.*



Why Alkaline Water is Amazing for You!

- Alkaline water helps bring your body back into balance. With a higher pH than regular tap water, it can help neutralize acidity, improve hydration, and give water a smoother, more refreshing taste. Many people notice they feel more energized and enjoy drinking more water throughout the day — which naturally supports better overall wellness.
- Infused with essential minerals, it's like giving your body a daily wellness upgrade — one refreshing sip at a time.
- Feel lighter, clearer, and more alive.

**DRINK BETTER. FEEL BETTER. LIVE BETTER —
WITH ALKALINE WATER.**



**WE WILL BE HAPPY TO
HELP YOU AT A
REASONABLE PRICE!!**

THEBESTFLORIDAWATER.COM

786-992-2773

BESTFWATER3@GMAIL.COM