

## MEGAVESSEL : Redefining Reverse Osmosis for a Sustainable Future

The MegaVessel, distributed exclusively by H<sub>2</sub>O Innovation, is the most significant breakthrough in reverse osmosis (RO) technology in decades. Designed to address the growing global need for efficient, sustainable water treatment solutions, the MegaVessel sets a new standard for performance, cost savings, and environmental impact.

### Key Features and Benefits

With lower energy consumption, reduced fouling, and minimized cleaning frequency, the MegaVessel is a game-changer for sustainable water treatment. Its innovative bypass flow technology optimizes flux distribution and decreases fouling and scaling tendencies.

# MEGA VESSEL



### Built for the Future of Water

H<sub>2</sub>O Innovation is committed to creating sustainable, innovative solutions for water and wastewater treatment. With the MegaVessel, we are taking a significant step toward making desalination and reuse more efficient, accessible, and environmentally friendly.

#### ABOUT H<sub>2</sub>O INNOVATION

H<sub>2</sub>O Innovation is a pioneering designer and manufacturer of membrane systems, specializing in water, wastewater, and water reuse treatment for municipal and industrial customers.

# Why MegaVessel?

## Compact Design with a Smaller Footprint

The MegaVessel reduces RO system footprints by 35% compared to conventional vessels, freeing up valuable space in desalination and water reuse facilities. By housing seven times more membrane elements, it simplifies assembly and reduces the number of components required.

## Cost-Effective Operations

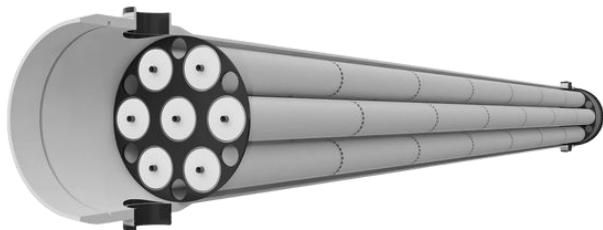
Achieve lower CAPEX and OPEX:

**Reduced Capital Expenditures:** Streamlined design with fewer vessels required.

**Lower Operating Expenses:** Energy-efficient performance and reduced maintenance.

## Enhanced Sustainability

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## READY TO EXPERIENCE THE MEGAVESSEL?

*The best way to define how you can improve the performance of your system on your water is to test it !*

*With your first order of the MegaVessel, H<sub>2</sub>O Innovation will offer the detailed engineering package for a skid made of two trains in parallel: one with seven standard vessel and the other one with one MegaVessel.*

*There is no better way to find out about the benefits you will get from the MegaVessel then to try it in real life on real water!*

