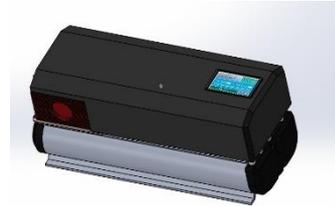


## **EZPuro™ DS**

### **Off-Grid Automatic Water Desalination Unit**

The EZPuro™ DS is a unique proprietary **robotic small Reverse osmosis system** for water desalination. It is the most efficient way to desalinate water today.



#### **What's different about the EZPuro™?**

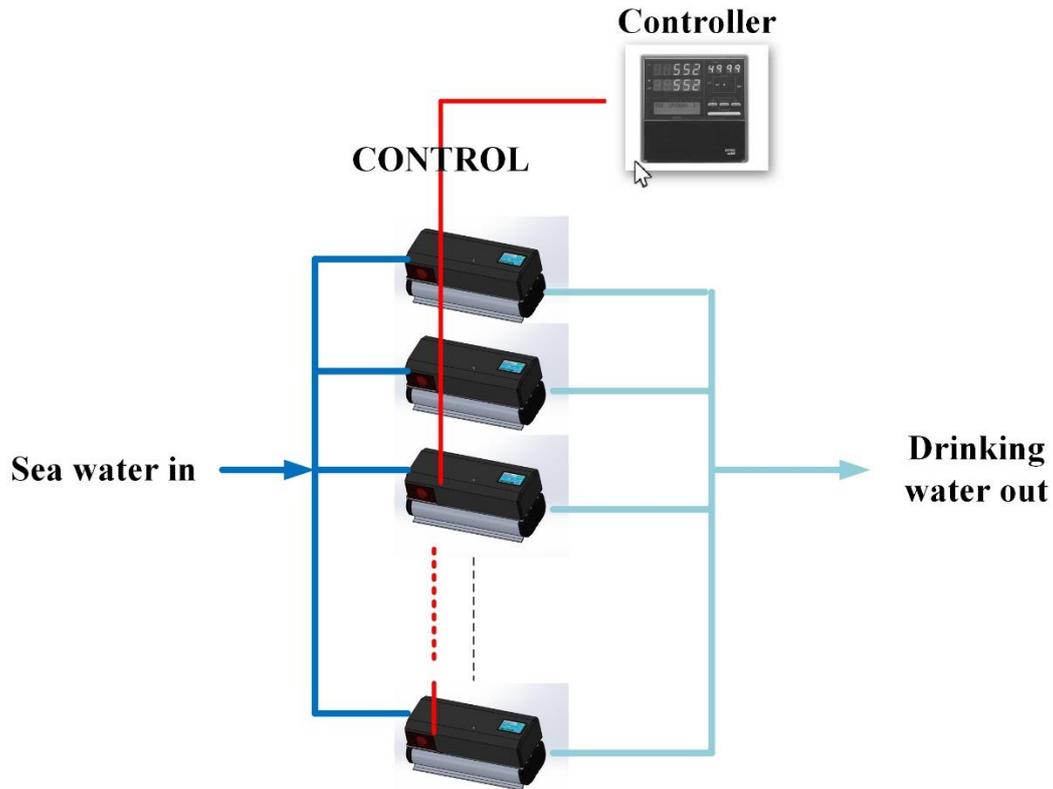
- The **EZPuro™** is the SMALLEST and LIGHTEST machine in its category – a key feature in many industries.
- The **EZPuro™** is the SMARTEST water desalination system in the world. It is a pioneer in the world of water treatment, with a level of automation that does not yet exist in any other product in the market. It can be easily operated by any individual, not only professionals, and promises a continuous optimized performance in term of water production rate, longer service periods and higher water quality. This is achieved by means of ROBOTIC control and monitoring system.
- The **EZPuro™** uses a complex algorithm to control two actuated proportional valves according to data collected from multiple of sensors.
- The **EZPuro™** is equipped with 4.3" touch screen and Wi-Fi connection to maximize the user interface experience and allows full monitoring on the machine performance without being on site.

#### **Technical specification**

1. Dimensions: 58cm / 35cm / 30cm.
2. Weight: 28kg.
3. Power supply: 100 – 220 vac/50- 60 Hz.
4. Power consumption: ~2 KWH.
5. User Interface: 4.3" Touch Screen.
6. Production rate: 250-500 liter per hour.
7. Wi-Fi connectivity and android/iPhone app for operation and remote service.

Several EZPuro™ DS can be hooked together to achieve any water consumption volume. In such configuration, all EZPuro™ DS are connected to one controller, that optimizes the performance. The

controller defines according to the usage profile, how many EZPuro™ will work at any given time, in order to achieve optimal performance.



Such configuration has the following advantages:

| <b>Attribute</b>  | <b>EZPuro™ DS</b>  | <b>Other Systems</b>                               |
|-------------------|--|--|
| No. of units      | Defined by the required volume.  | Always one unit.                                   |
| Power consumption | The number of units working is optimized to the requirements, and therefore power consumption is lower.                | Always working in full power consumption.          |
| Redundancy        | When a unit is not working due to malfunction or maintenance, other units continue working and water supply continues. | No water supply during malfunction or maintenance. |