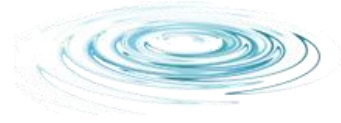


AquaPūr™



**Solar Powered Reverse
Osmosis Water Plant**
23 – 121 m³ / Day Output

Modular Container Plant
Lowest Operating Cost
Financing Available

AquaPūr™ Micro RO Water Plant

The solar powered AquaPūr™ Reverse Osmosis (RO) Water Plant has the lowest operating cost compared to any RO water plant technology. Advanced membrane technology ensures the highest purification and unmatched quality and taste.

With the use of our PV Solar Tracking system, the AquaPūr™ RO Water Plant can run 100% on solar energy.

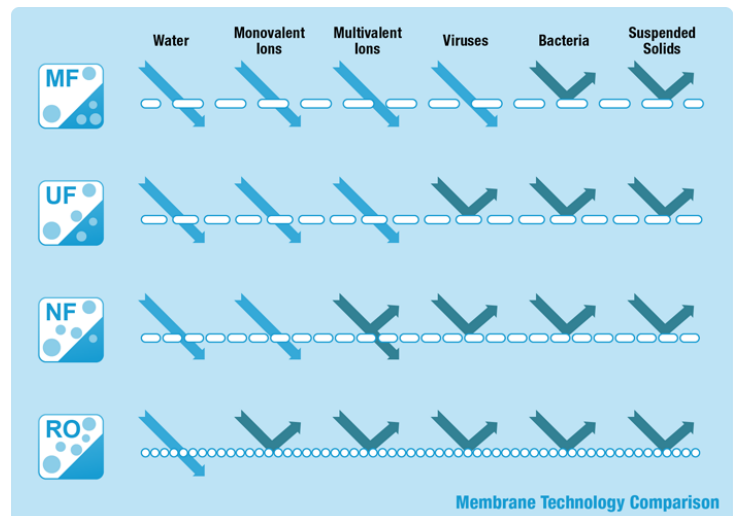
The AquaPūr™ water plant has been designed as a modular container for easy expansion and mobility and is ready to produce high-quality potable water within days of delivery.

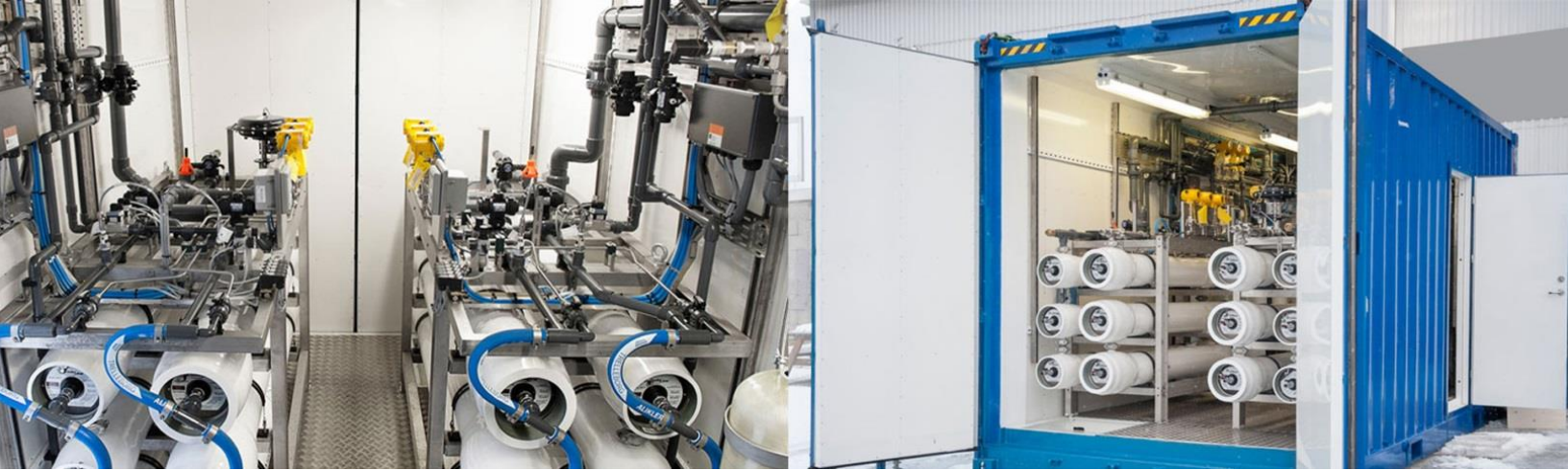
Purification Systems & Add-ons

- RO Brackish Water System
- RO Sea Water Desalination System
- RO Surface Water System
- Internet Monitoring & Notification

Membrane Technology Comparison

The AquaPūr™ system uses Reverse Osmosis (RO) membrane technology for ultra-pure water and protection from harmful ions, viruses and bacteria.





Operating Specifications

- Max. feed water temperature: 42°C
- pH tolerance range: 3-11
- H2S, turbidity and organics must be removed
- Operating pressure: 700 to 1,000 psi
- Feed water pressure: 40 to 80 psi
- Anti-scaling dosing is required
- Max. Iron content: 0.05 ppm

Water Output Options

* For Sea Water Desalination Add Suffix: -SW For Brackish Water Add Suffix: -BW For Solar Power Add Suffix: - SP

Model Number	Permeate / Product Water Output per Day			Membranes
	Gallons	Litres	M3	Qty.
AP-CT-23-*	6,000	22,712	23	4
AP-CT-28-*	7,500	28,391	28	5
AP-CT-34-*	9,000	34,069	34	6
AP-CT-45*	12,000	45,425	45	8
AP-CT-57*	15,000	56,781	57	10
AP-CT-68*	18,000	68,137	68	12
AP-CT-85*	22,000	83,279	85	15
AP-CT-91*	24,000	90,850	91	16
AP-CT-102*	27,000	102,206	102	18
AP-CT-121*	32,000	121,133	121	21

Container Weight & Dimension

Container Size	Insulated Container	
	20ft	40ft
	External	
Length m	6	12.2
Width m	2.4	2.4
Height m	2.5	2.5
Max Gross weight Tons	30	34