



**CAROCELL
WATER**

WATER PURIFICATION TECHNOLOGY

Carocell Solar water purification technology produces safe, high quality drinkable water from any source including **seawater, groundwater and contaminated or polluted water**

6 CLEAN WATER AND SANITATION



**UNSDG 6
SUSTAINABLE
DEVELOPMENT
GOALS 2022**



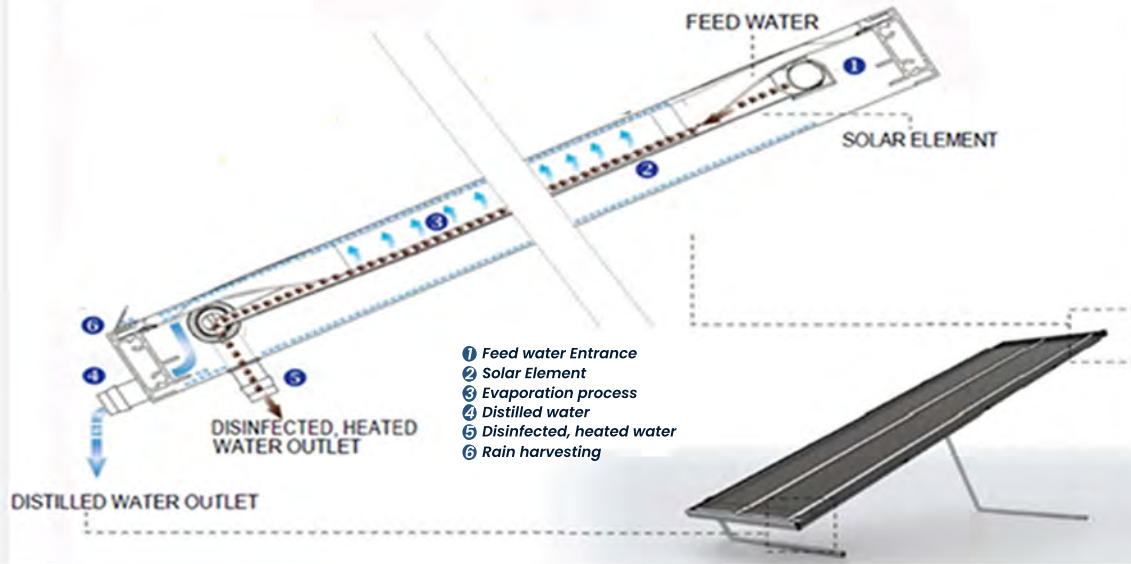
FACT

1 Globally, Carocell Technology currently supplies 182,500,000 litres of drinking water in over 30 countries annually

2 Over 4,000 installations worldwide from 1 panel to 140 panel installations

SPECIFICATION

Dimensions	: 6 x 2 m
Surface Area	: 12 m ²
Weight	: 70 Kg



HOW IT WORKS?

The system receives source water by gravity or a solar pump into feeder pipes at the top of each solar distillation panel.

The input water slowly distributes through the panel while the sun heats the water, it vaporizes and then condenses on the inside of the panel enclosure. Droplets of naturally purified/desalinated water run down into a pure water outlet at the bottom of the unit.

The Patented design precludes any transfer of contaminants into the pure water. The wastewater is removed by a separate pipe for reprocessing or disposal.

WHY CAROCELL

- Powered entirely by the sun
- Is modular & scalable
- Does not need connection to power grid
- Is simple to install, maintain & operate
- Can actively engage local communities in installing and maintaining the off-grid water solution.
- No filters
- No membranes
- No chemicals
- Seawater
- Groundwater
- Contaminated water
- Rainwater harvesting

NO ONGOING EXPENSE AND PROVIDES AN OFF-GRID SYSTEM FOR REMOTE COMMUNITIES

Carocell Farm 10 year life cost of water **\$0.02** per litre

A 5 Panel Farm unit lasts **15-20** years with minimal maintenance

