



WATER PURIFICATION

FOR SEA AND BRACKISH WATER

FOR AGRICULTURE AND COMMUNITIES

www.moerkwater.com.au



FARMING



MARKET GARDEN



FISHERIES



COMMUNITIES



HEALTHCARE



SCHOOLS



WATER PURIFICATION

FOR SEA AND BRACKISH WATER



GO GREEN

CO₂-free water production

KEY BENEFITS

- ✓ WHO standard product/**drinking water**
- ✓ **Cost savings** - produce fresh water on-site, on-demand. Year-round dependable water supply.
- ✓ Simplified **easy-to-use technology**
- ✓ Turn-key, automated and **self-contained systems**
- ✓ **Solar-powered**, hybrid or grid
- ✓ **Transportable**
- ✓ Robust Australian-made equipment **built to last**
- ✓ **Minimal wastewater** produced through high recovery rates
- ✓ **Saline adjustability** to produce a larger volume of water at a quality acceptable for livestock
- ✓ Perfect for use in schools, health centres, communities and agriculture

PRODUCT RANGE

PRODUCTION CAPACITIES: 500 – 100,000 l/hr (Clean Water Output)

SALINITY RANGES: TDS 500 – 50,000 mg/l

RECOVERY RATES up to 90% (salinity dependent)

ADJUSTABLE WATER BLENDING

STANDALONE, PORTABLE OR SHED-INSTALLED SYSTEMS

CONTAINERISED INSTALLATION

SOLAR AND GRID/GENERATOR hybrid options available

SUITABLE FOR:

- ✓ **Domestic Use**
 - for drinking, cooking
 - personal hygiene
- ✓ **Medical Use**
 - clean water for patients and staff
 - cleaning medical equipment
 - medical procedures
- ✓ **Agriculture**
 - food security
 - increase food production
- ✓ **Farming**
 - market gardens
- ✓ **Fisheries**
 - cleaning marine products and equipment

CALCULATING YOUR RETURN ON INVESTMENT

- ✓ The Moerk Water team can collaborate with you to develop a detailed business case based on the specifics of your situation, free of charge
- ✓ The more water you use from the desalination plant the lower the relative cost per kilolitre
- ✓ There is exponentially better cost-effectiveness with larger systems
- ✓ Stable year-round clean water availability makes new business opportunities viable



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