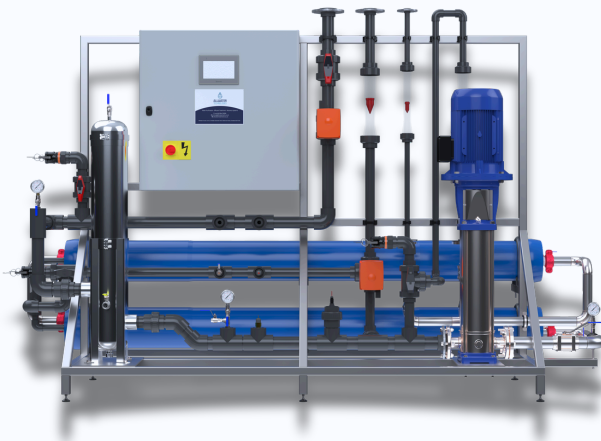


AWT COMPACT MAXI

Reverse Osmosis (5.8 - 8.2m³/h)

The AWT COMPACT MAXI Reverse Osmosis range provides high-quality purified water for high flow industrial applications and packaged into a compact system where space is premium.

Engineered around proven membrane technology, each system is configured to maximise water recovery, minimise operating costs and deliver reliable, long-term performance.



KEY BENEFITS



Up to **98%**
dissolved solids
removal



5.8 - 8.2 m³/h
capacity



Optimised
water recovery



Skid-mounted
design for quick
installation



Touchscreen HMI
and PLC control



UK manufactured
and CE compliant

RO MODELS

RO Model	C-MAXI 5.8	C-MAXI 7	C-MAXI 8.2
Treated Water (Permeate) Flowrate at 15°C (m ³ /h)	5.8	7	8.2
Feed Flow Rate (m ³ /h)	13.3	17.1	22.4
Normal Drain Flow Rate (m ³ /h)	3.3	4.3	5.6
Membrane Qty	7	9	12
Weight (Dry / Wet) (kg)	600 / 680	625 / 705	650 / 730

**Note: Actual production rate will decrease as feed water temperature drops. Verify that the system can achieve your required flow rate at the lowest expected feed water temperature; otherwise, the RO system may be undersized.*

REVERSE OSMOSIS TREATMENT

- Treated water production from 5.8 - 8.2m³/h
- Suitable for mains water and borehole supplies
- Site-specific feed water analysis to determine optimum pre-treatment and treated water quality
- Typical treated water quality of 5–25 µS/cm, depending on feed water quality
- Designed for continuous industrial operation

KEY BENEFITS

- Advanced control options including fixed recovery or fixed flow operation.
- Integrated anti-scalant dosing and dechlorination pre-treatment.
- Optional automatic chemical make-up reduces manual handling.
- Compact skid-mounted design for straightforward installation.
- Integrated flow monitoring on permeate, concentrate and recycle streams.
- Automatic permeate recycle control and membrane flushing.
- Individual membrane vessel sampling points for simplified fault finding.
- Integrated Clean-in-Place (CIP) capability.
- Full-colour touchscreen HMI with PLC control and alarm diagnostics.
- Integrated control of pumps and associated pre/post-treatment equipment.
- Premium high-rejection, low-pressure RO membranes.
- Standard wet testing carried out prior to delivery
- Designed and manufactured in the UK to CE standards.

TECHNICAL SPECIFICATION

SPECIFICATION		VALUE
 OPERATING CONDITIONS	Water Recovery Rate	Minimum 75%
	Treated Water Quality	< 30 µS/cm
	Membrane Size	8040 (8")
	Feed Water Pressure (min/max)	2 / 6 bar
	Feed Water Pressure Fluctuation	± 0.5
	Permeate Back Pressure (max)	0.3 bar
	Feed Water Temperature (min/max)	3 / 25°C
	Ambient Temperature (min/max)	3 / 40°C
 CONNECTIONS	Pipe Connection	PVC-U PN16 Flange
	Inlet / Outlet / Drain (inch)	2 / 1½ / ¾
	Treated Water (Permeate) Outlet (inch)	1½
	Drain Outlet (inch)	¾
	CIP Connection Size (inch)	1½
 ELECTRICAL & PHYSICAL	Electrical Voltage	400V AC Three Phase N + E
	HP Pump Rated Power	11 kW
	Electrical Protection	IP65
	Dimensions (WxDxH)	3.1m x 1m x 1.9m