

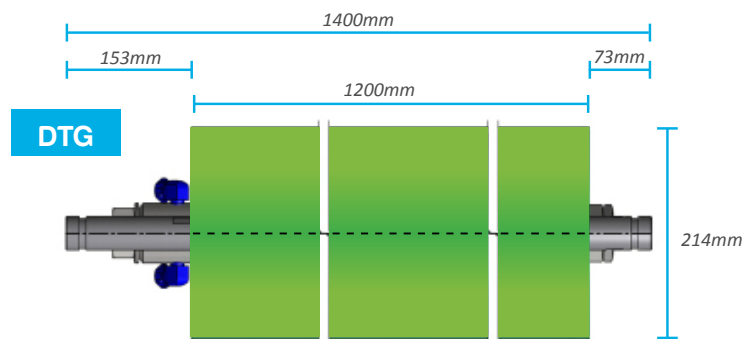
DTG-RO4 Module Product Spec Sheet

Membrane Information

Model	DTG-RO4
Permeate Flow Rate	18 m ³ /d (4,755 gpd)
Nominal Rejection	99.50%*
Minimum Rejection	99%
pH Continuous	3 - 11
pH CIP** @ 50°C (122°F)	2-12
Max. Process Temperature	45°C (113°F)
Max. CIP** Temperature	45°C (113°F)

*Performance specifications shown are nominal values. Individual module permeate flow rates may vary by ±15% from the values shown.
RO4 Test conditions: NaCl 32,000 mg/l @ 800 psi (55.2 bar)

**Consult factory for detailed cleaning instructions



Key Advantages

- High salt rejection and high recovery rates (up to 90-95%)
- Meets discharge standards around the world
- Special hydrodynamic design that enables low concentration polarization
- An open channel structure that minimizes fouling and scaling
- Typical membrane life is about 5 years in high solids applications
- Flexible to include pre-filtration or post-evaporation as required
- Enables small footprint in comparison to a combined process

Element Physical Specifications[‡]

Model	DTG-RO4
Construction*	18 m ³ /d (4,755 gpd)
Membrane Area	9.3 m ²
Max. ΔP	9 bar (130.5 psi)
Max. Overall Pressure	65 bar (942.7 psi)
Module Length	1400 mm (55 in.)
Module Diameter	214 mm (8.4 in.)
High Pressure Raw Water In/Out	12 mm Swagelock
Permeate Out	1 x quick coupling for hose 11.6 x 9 mm
Min. Module Permeate Flow Rate	250 lph (1.1 gpd)
Max. Permeate Conductivity	650 μS

*Brine Seal to be installed in flow direction on the low pressure side / element outlet side.