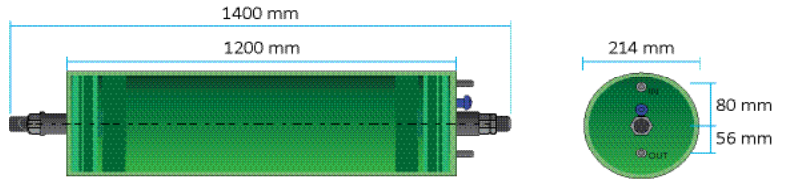


### Module Performance Specifications

Model	DTG-RO4
Permeate Flow Rate*	7.2 m <sup>3</sup> /d (80 gph)
Nominal Rejection*	99.30%
Minimum Rejection*	98.5%
Continuous Process pH Range	3 - 11
CIP pH Range** @ 50°C (122°F)	2 - 12
Maximum Process Temperature	45°C (113°F)
Maximum CIP Temperature**	50°C (122°F)

\*Performance specifications shown are nominal values. Permeate flow rates may vary by ±15% from the values shown. RO4 test conditions: NaCl concentration of 32,000 mg/l at 942 psi (65 bar), 38% recovery, and 25°C.

\*\*Consult CrossTek for detailed cleaning instructions



### Key Advantages

- High salt rejection and high recovery rates (up to 90-95%)
- Meets discharge standards around the world
- Open channel feed-side design that minimizes membrane fouling and scaling
- Membrane life of up to 5 years in high solids applications
- Used with various pretreatments and post-evaporation as required
- Enables small footprint systems as compared to those with multiple unit operations

### AquaZoom™ Replacement Parts

- Membranes: For 209 replacement RO4 cushions, please order Kit Model Number DTG - RO4 - 209R.
- Seal Kit: For replacement o-rings and lip seals, please order Kit Model Number DTG - 428.

### Module Physical Specifications

Model	DTG-RO4
Construction	Disc Tube Cushion Stack Sealed within FRP Pressure Vessel
Membrane Area	9.8 m <sup>2</sup> (105.7 ft <sup>2</sup> )
Module Length	1,400 mm (55.1 in)
Module Diameter	214 mm (8.4 in)
Module Wet Weight (Drained)	62 kg (136.6 lb)
High Pressure Feed Inlet/Outlet Connections	12 mm (0.47 in) Swagelok®
Permeate Outlet	1 x quick coupling for hose 11.6 mm x 9 mm
Maximum Inlet Pressure	90 bar (1,305 psi)
Maximum Inlet - Outlet ΔP	7.3 bar (105.2 psi)
System Design Crossflow (nominal)	0.8 m <sup>3</sup> /h @ 2.8 bar ΔP (3.5 gpm @ 40 psi ΔP)