

TORRENT 4040L

The TORRENT 4040L is a versatile system designed for both land and marine applications. Its target market includes small industries, private residences, boutique lodges, gated estates, larger commercial vessels, and similarly sized private developments.

Despite its straightforward design, it incorporates all the essential features required by the industry. The open-frame construction allows for easy access, making maintenance straightforward and efficient.

Our custom design options give clients the flexibility to choose their preferred setup and operation, with the option of automated or manual controls tailored to specific applications. The system delivers production capacities ranging from 4 800 to 28 800 litres per day (LPD).



SPECIFICATIONS

SYSTEM OVERVIEW

Production	200lts/hr - 1200lts/hr
Feed TDS Range	<33 000ppm
Typical Salt Rejection	95-99%
Power Supply	220V - 380V 50Hz/60Hz

MATERIAL CONSTRUCTION

Frame Work	SS304 epoxy coated
High-pressure Piping	SS2205
Low-pressure Piping	UPVC Class 16
Pressure Vessels	First Line 1000psi
Pumps	SS316 / Composite
Control Box	IP65
Pre-filter Housings	Single length bag filter

FEEDWATER CONDITIONS

Temperature	5°C – 35°C
TDS	<33 000ppm
SDI	<5
pH	– 9
Free Chlorine	Undetectable
Iron	< 0.1ppm
Manganese	< 0.05 ppm

INSTRUMENTATION

Conductivity	Permeate
Flow Meters	Permeate & Brine
Pressure Gauge	Post & Pre Membranes S
Pressure Switch	HP & LP Switches
Controller	PLC

* Specifications and dimensions subject to change.

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DESIGN | MANUFACTURE | INSTALLATION | SUPPORT | SERVICE