

PURELINE REVERSE OSMOSIS SYSTEM TWRO 1000

Pureline TWRO1000 Reverse Osmosis System is a durable piece of equipment which, with proper care and maintenance will last for many years.

These system are part of family of reverse osmosis units designed for operation with fresh feed waters having TDS values below 500ppm.

Capacity :

*1000 GPD / 165 LPH

Benefits :

- * Fully Assembled in Malaysia
- * Powder Coated Cabinet
- * Equipped with Flow & Pressure Indicator
- * Equipped with Conductivity Meter
- * 17" Quick Release and Auto Shut off Filter Cartridge
- * Low Power Consumption (DC Powered Booster Pump)
- * Plug and Play Module
- * Compact Unit (H 910mm X D 350mm X W 540mm)
- * Individual Tested and Preserved
- * Low Maintenance Costs
- * Easy Maintenance and Servicing
- * 1 Year Limited Warranty

Applications :

- * Drinking Water
- * Food & Beverage
- * Laboratory Uses
- * Pretreatment of EDI or Mixed Bed



LG MEMBRANE
INSIDE





Disposal Auto Shut Off
Type Filter Cartridge

System Specification :

Use	System for City Water TDS value below 500ppm	
Model	TWRO 1000	
Design	Cabinet	
Permeate Flow (GPD / LPH)	1000 / 165	
Dimensions (WDH)	54 x 35 x 91 cm	
Dry Weight (approx.)	25 kg	
Filters (Standard)		QTY
Filter Cartridge 1	17" Auto Shut-Off Sediment 5µ Filter Cartridge (P/N: FC17-PP5M)	1
Filter Cartridge 2	17" Auto Shut-Off Granular Activated Filter Cartridge (P/N: FC17-GAC)	1
Filter Cartridge 3	17" Auto Shut-Off Sediment 1µ Filter Cartridge (P/N: FC17-PP1M)	1
Filter Cartridge 4	17" Auto Shut-Off Activated Carbon Block Filter Cartridge (P/N: FC17-ACB)	1
RO Membrane	LG TW3012-500GPD (P/N: TW3012-500)	2
RO Membrane Housing	Plastic RO Housing 3" x 12" (P/N: ROH-3012)	2
RO Booster Pump	36 VDC Diaphragm Pump (P/N: ROBP-36V)	2
RO Booster Pump Adapter	36 VDC 3.0 AMP Power Adapter (P/N: ROBPA-36V3A)	2
Conductivity Meter	Create ROC CCT-3320V Conductivity Monitor	1
Panel Flowmeter	2 GPM Panel Type Flowmeter (P/N: PFM-2GPM)	1
Pressure Gauge	1½" 10 bar Oil Fill Pressure Gauge (P/N:PG-B-150-1.5)	3
Solenoid Valve	1/4" Plastic Solenoid Valve (P/N : SV-P)	2
Low Pressure Switch	1/4" Plastic Low Pressure Switch (P/N: LPS-P)	2
High Pressure Switch	1/4" Plastic High Pressure Switch (P/N: HPS-P)	2
Check Valve	1/4" Plastic Check Valve (P/N: CV-P)	2
Flow Restrictor	1/4" 1000cc Flow Restrictor (P/N: FR-1000)	2
Power	220-240 VAC 50Hz Single Phase	
Frame	Powder Coated Carbon Steel / Aluminium	
Optional	Pressure Storage Tank 11 Gallon	
Tubing Connection	Raw Water Inlet - 3/8"	
	RO Water Outlet - 3/8"	
	RO Pressure Storage Tank - 3/8"	
	RO Reject Water Outlet - 3/8"	