

PURELINE REVERSE OSMOSIS SYSTEM TWRO 1000

The TWRO1000 Reverse Osmosis System is a durable and reliable water purification solution designed to provide years of dependable performance with proper operation and routine maintenance.

It is part of the TWRO Series of reverse osmosis systems, engineered for the treatment of fresh feed water with Total Dissolved Solids (TDS) levels of up to 500 ppm.

The system delivers high-quality purified water while ensuring efficient and consistent operation for a wide range of commercial and light industrial applications.

Capacity :

* 1000 GPD / 165 LPH

Benefits :

- * Fully Assembled in Malaysia
- * Powder Coated Cabinet
- * Equipped with Flow & Pressure Indicator
- * Equipped with Conductivity Meter
- * Low Power Consumption (DC Powered Booster Pump)
- * Plug and Play Module
- * Compact Unit (H 960mm X D 380mm X W 580mm)
- * 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





System Specification :



Use	System for City Water TDS value below 500ppm	
Model	TWRO 1000	
Design	Cabinet	
Permeate Flow (GPD / LPH)	1000 / 165	
Dimensions (WDH)	58 x 38 x 96 cm	
Dry Weight (approx.)	25 kg	
Filters (Standard)		QTY
Filter Cartridge 1	20" Sediment 5 μ Filter Cartridge (P/N: FC20-PP5M)	1
Filter Cartridge 2	20" Activated Carbon Block Filter Cartridge (P/N: FC20-ACB)	1
Filter Cartridge 3	20" Sediment 1 μ Filter Cartridge (P/N: FC20-PP1M)	1
Filter Cartridge 4	12" Granular Activated Carbon Filter Cartridge (P/N: FC12-GAC)	1
RO Membrane	PureLine TW3012-500GPD (P/N: TW3012-500)	2
RO Membrane Housing	Plastic RO Housing 3" x 12" (P/N: ROH-3012)	2
RO Booster Pump	24 VDC Diaphragm Pump (P/N: ROBP-24V)	2
RO Booster Pump Adapter	24 VDC 5.0 AMP Power Adapter (P/N: ROBPA-24V5A)	2
Conductivity Meter	Create ROC CCT-3320V Conductivity Monitor	1
Panel Flowmeter	2 GPM Panel Type Flow meter (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	
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"	