

# PRO2 REVERSE OSMOSIS SYSTEM



 WATERMARK CERTIFIED TWO STAGE PRE-FILTRATION

 ADVANCED PROGRAMMABLE RO CONTROLLER

 BUILT WITH A DURABLE 316 S/S FRAME

 **MANUFACTURED** Locally in Brisbane

 **QUALITY COMPONENTS** Sourced Locally

 **SPARE PARTS** Readily Available from Brisbane Warehouse

# PRO2 RO SYSTEM

## PRO2 Reverse Osmosis System FEATURES:

- PVC Electrical Control Box
- RO Microprocessor Controller w Temperature & Conductivity Monitor (0-200uS/cm)
- Programmable 'Flush Time' Sequencing
- Emergency Stop Switch
- Power ON/OFF w Indicator Light
- AUTO/OFF/MANUAL Run Switch w Indicator Light
- RO, RO Pump, Low Feed Pressure, Tank Fill, Auto Flush Indicator LEDs (ROC2315 Control)
- Permeate, Concentrate & Recycle Flow Meters
- Pre & Post Cartridge Filter Pressure Gauges
- Atlas Filtri™ 2 Stage Pre-Cartridge Filtration (5- & 1-Micron Sediment Cartridges)
- Pre-Membrane Pressure Gauge
- Concentrate Pressure Gauge
- Burkert™ Low Feed Inlet Pressure Switch
- Inlet & Flush Solenoid Valves (240VAC, 50HZ)
- High Pressure Pump Discharge Valve
- Recycle & Concentrate S/S Needle Valves
- Recycle Check Valve
- 316S/S Frame, Control Panel & Adjustable feet



PRO2 REVERSE OSMOSIS UNIT PICTURED ABOVE

MODEL	RO SYSTEM	DIMENSIONS	PERFORMANCE (@ 25°C - 2000mg/l TDS)		TYPICAL ION REJECTION	MEMBRANE HOUSING	MEMBRANE	PUMP	MOTOR	CONNECTIONS
			PERMEATE RATE	RECOVERY RATE						
PRO2	Brackish Water	650mm x 650mm x 1550mm	380lph nominal @ recommended flux of 23lmh	50% ~ 75% depending on raw water feed quality & water temperature	95% ~ 98%	Two 4.0" x 4.0" 300psi Fibreglass Housing End Entry	Two 4.0" x 40 HF (Lewabrane® RO B085 HF 4040)	Calpeda™ Multi-Stage MXVLM 25-210 G	1.5KW 1hp	Inlet ¾" Permeate ½" Reject ½"

\* Operating Pressure: Min 900 kPa ~ Max 1400 kPa. 8.36kl capacity based on 22hrs @ 2000 mg/L Total Dissolved Solids (TDS).