

On Demand Purified Water



PRF-RO System

On-demand Reverse Osmosis System, up to 3.4 lpm

The PRF-RO system is designed for on demand RO water operating off mains pressure. Meeting the production requirements of light commercial applications such as window washing and aquatics, the new specially designed SPECTRUM PRF-750-RO membrane significantly improves permeate flow and system recovery.

All componentry including a high capacity carbon fibre pre-filter and two membranes, locate into the unique manifold with three colour coded push-fit connections for simple installation.

Key Features

- Up to 4,900 litres per day of on-demand purified water
- Premium PRF-750-SYSTEM delivers significant improvement to performance for a nominal investment

Typical Applications

- Spot-free finish
- Window wash
- Aquatics
- Drinking water

Specification

- Max. Operating Temperature**
38°C
- Max. Operating Pressure**
5.5 bar at 21°C
- Max. Feed TDS**
2,000 mg/L

Port Sizes

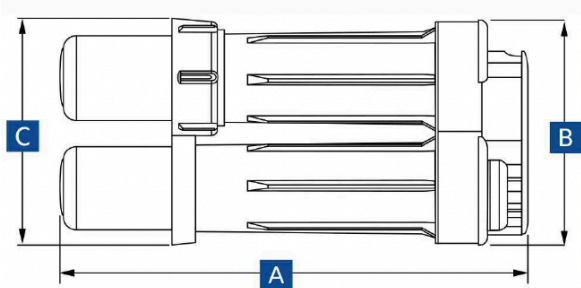
- Feed**
½" Push Fit (Natural Tubing)
- Concentrate**
¾" Push Fit (Black Tubing)
- Permeate**
¾" Push Fit (Blue Tubing)

System performances with each membrane at conditions of 40ppm feed at:

	10°C at 2.8 bar		25°C at 5.5 bar	
	TLC-350	PRF-750-RO	TLC-350	PRF-750-RO
Flow Rate (lpm)	1	1.7	2.5	3.4
Rejection Rate (%)	94	94	96	96
Recovery Rate (%)	20	30	30	40

Dimensions & Packaging

Dimensions (")		
A	B	C
507	243	244



Product Codes



PRF-RO



PRF-ROMEMBRANESTLC-350
PRF-750-RO



PRF-FBC-5-17

Code	Description	Box Qty.	Box Weight (kg)
PRF-RO	Pentair PRF-RO System	1	11
PRF-750-SYSTEM	Pentair PRF-RO System Complete with SPECTRUM PRF-750-RO Membrane	1	11
PRF-750-RO	SPECTRUM Thin Film RO Membrane	8	16
PRF-ROMEMBRANESTLC-350	Pentair PRF-RO/Merlin/Flexi Filter Membrane (TLC-350)	8	16
PRF-FBC-5-17	SPECTRUM FibreOnyx Carbon Filter 5µm 17" to suit PRF-RO	20	20
PRF-ROBOWLONLY	Pentair PRF-RO/Merlin Bowl	6	6
PRF-ROSUMPO-RING	Pentair PRF-RO/Merlin System Sump O-ring	12	1.5