

BASIC RO 4021 - 4040

Reverse osmosis water purification system with sediment and active carbon

APPLICATIONS

- Water treatment for technological use for small industry, hot water boilers and Steam boiler feeding
- Water filtration for tooling liquids
- Water treatments for dishwashers, laundries and ironing applications
- Solar panel cleaning and windowcleaning
- Carwash applications and treatments for detergents
- Water treatments for pools and wellness applications

FEATURES

- Robust painted frame
- High efficiency reverse osmosis membranes 4" x 21" o 4"x40" for industrial use
- Autonomous operation
- Customized version with digital controller for timed membrane flushing and prefilters maintenance functions
- Low pressure switch for lack of water stops and maximum pressure switch on permeate out for automated stop
- Manometer and flow-meter
- Feedwater solenoid valve and flushing solenoid valve
- Prefiltering with sediment and carbon block
- Fiber glass vessel as standard 20Bar or stainless steel vessel 40bar on request
- Rotary vane pump brass-made
- Chrome plated brass fittings
- Continuous duty electric motor with thermal protection
- Valve for manual flushing
- Easy access for pre-filters and membranes maintenance operations



	Basic RO 1x4021	Basic RO 2x4021	Basic RO 1x4040	Basic RO 2x4040
ELECTRICAL CONNECTION	230V – 50Hz AC	230V – 50Hz AC	230V – 50Hz AC	230V – 50Hz AC
POWER	350W	500W	550W	1000W
PERMEATE PRODUCTION	1100 GPD – 2.8 Lt/min	Fino 2000 GPD – 5.2 Lt/min	Fino 2000 GPD – 5.2 Lt/min	Fino 3600 GPD – 10 Lt/min
SALT REJECTION	% TDS 98.9	% TDS 98.9	% TDS 98.9	% TDS 98.9
OPERATIVE PRESSURE	15 Bar	15 Bar	15 Bar	15 Bar
INLET TDS MAX	2000 TDS	2000 TDS	2000 TDS	2000 TDS
MEMBRANE	1x4021 BW	2x4021 BW	1x4040 BW	2x4040 BW
PREFILTER 1	10" SEDIMENT 10u	10" SEDIMENT 10u	10" SEDIMENT 10u	10" SEDIMENT 10u
PREFILTER 2	10" CARBON BLOCK	10" CARBON BLOCK	10" CARBON BLOCK	10" CARBON BLOCK
DIMENSIONS	63cmx44cmx50 cm	63cmx44cmx50 cm	120cmx44cmx50 cm	120cmx44cmx50 cm
WRIGHT	50 Kg	70 Kg	90 Kg	120 Kg