



TECHNICAL SHEET

PENTAIR
MODULAR PRO SERIES





PENTAIR MODULAR PRO SERIES

Get Connected!

Welcome to another chapter of Innovation. Here is a series of affordable light commercial filtration and reverse osmosis components. Custom configure the easy-to-connect Modular Pro Series reverse osmosis components into various configurations to meet a wide range of water needs and applications. And at a fraction of the price of other light commercial systems.



MEMBRANE MODULE SPECIFICATIONS

TUBING/FITTING CONNECTIONS

Feed (white)	½ inch
Permeate (blue)	½ inch
Concentrate (red)	½ inch

SYSTEM OPERATING CONDITIONS

Inlet water temperature	10-32°C
Recommended operating pressure	2.75-6.20 bar
Feed TDS	100-3000 ppm
System recovery	10-75%
Certifications	NSF 61 (applied), RoHS
Average rejection [NaCl]*	94%

MEMBRANE PERFORMANCE SPECIFICATIONS: RO ELEMENT

Flow rate*	0.95 Lpm
Life*	1-2 years
Average rejection [NaCl]*	94%

* Based on 3.44 bar, 25°C, 750 mg/L NaCl, 24% recovery.

FILTER MODULE SPECIFICATIONS

TUBING/FITTING CONNECTIONS

Feed (white)	½ inch
Filtered water (blue)	½ inch

SYSTEM OPERATING CONDITIONS

Inlet water temperature	10-32°C
Recommended operating pressure	2.75-6.20 bar
Certifications	NSF 61 (applied), RoHS

FILTER PERFORMANCE SPECIFICATIONS: CARBON FILTER

Length	17 inches
Diameter	2.9 inches
Flow rate*	14 Lpm
Capacity*	18.930 L
Micron rating	5 microns

FILTER PERFORMANCE SPECIFICATIONS: SEDIMENT FILTER

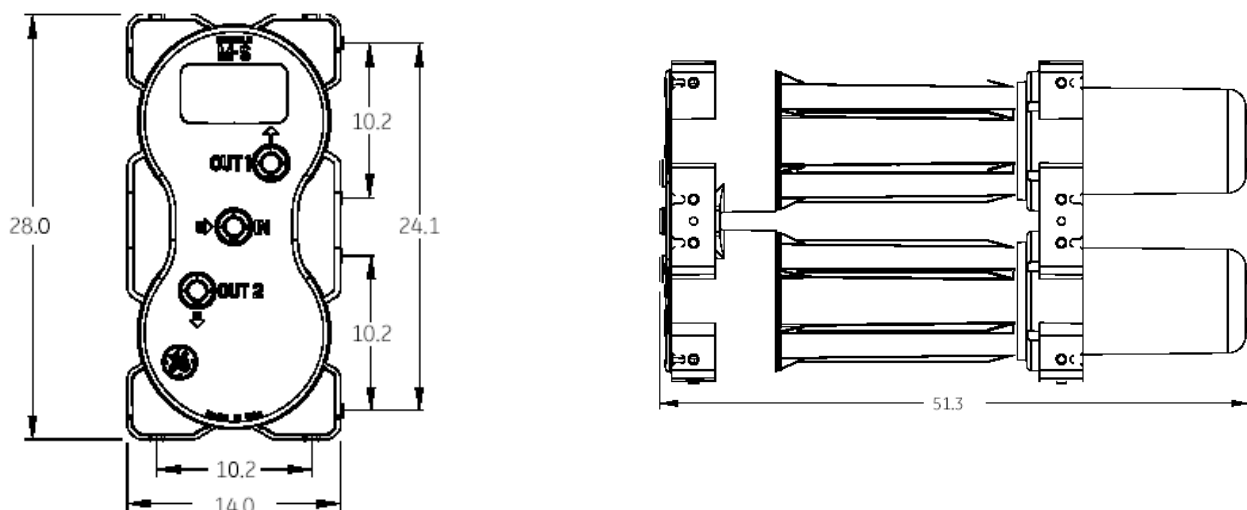
Length	17.2 inches
Diameter	2.75 inches
Flow rate*	14 Lpm
Capacity*	18.930 L
Micron rating	10 microns

* Based on 3.44 bar, 25°C, 750 mg/L NaCl, 24% recovery.

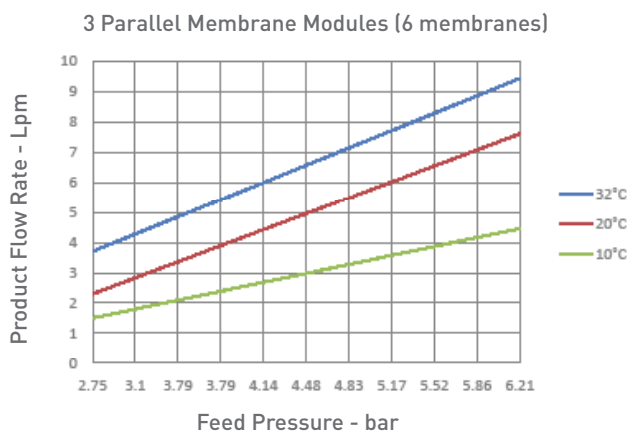
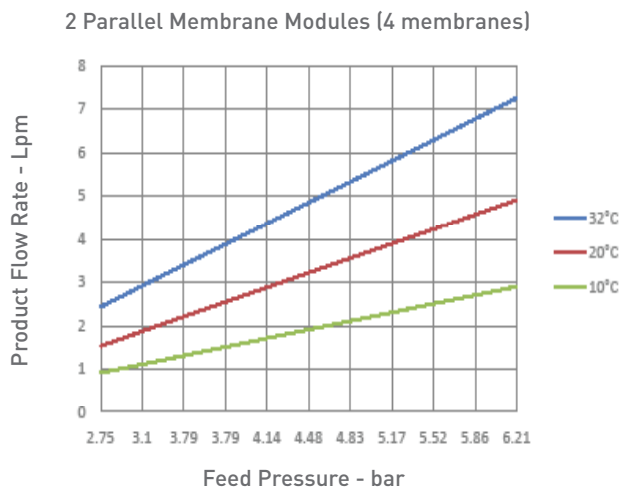
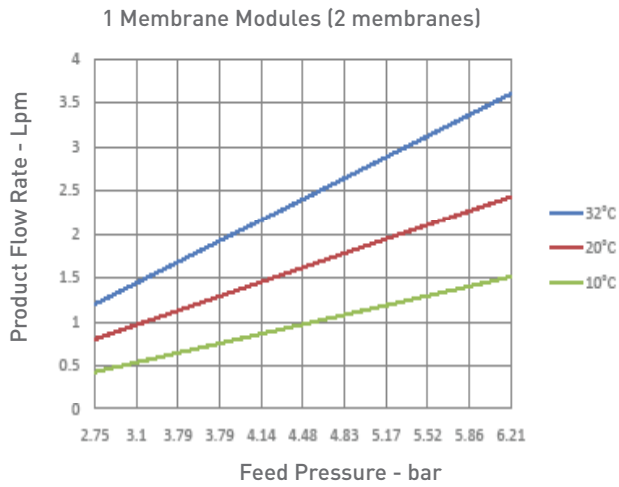
ACCESSORIES

Pumps (North American and world models available), solenoid valves, pressure switch, float switch, concentrate flow restrictor, complete start-up kit, additional module, connection kit, tubing kit.

OUTLINE DIMENSIONS - CM



FLOW RATE CHARACTERISTICS



Note: Graphs are based on the following specifications: 750mg/L NaCl, 50% recovery. All graphs are based on internal testing. Actual results may vary.

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