

# REVERSE OSMOSIS

## OVERVIEW:

- Available individually or as part of a total water treatment solution
- Superior design that offers maximum flexibility and lower maintenance costs
- Efficient component layout allows for ease of maintenance and calibration
- Customizable to customer specifications for valves, instruments, and other mechanical components
- Optional complete validation package with IQ/OQ protocol execution
- Supported by MECO 24-hour customer service
- Backed by warranty

## PRODUCT HIGHLIGHTS:

### Standard Features

- Unit is completely piped, wired, and assembled on skid(s) at the factory
  - Reduces installation costs and startup time
- Optimum flux rate of 12-16 GFD (20-27 LMH)
- High membrane crossflow velocity
  - Reduces fouling
- Side entry pressure vessels
  - Facilitates element removal, replacement, and cleaning
- Permeate sample ports
- Highly effective cleaning system
- Heat sanitizable: hot water or steam arrangements available
- Durable stainless steel construction
- PLC based controls

### Equipment Details

- 25 Ra  $\mu$ in (0.64  $\mu$ m) mechanical polished permeate piping
- 304 Stainless Steel Skid
- Premium valves and instruments
- Polypropylene or stainless steel air lines
- Stainless steel hardware



MODEL	CAPACITY IN GPM [LPM]
PRO1P83-16-1	10-13 [38-49]
PRO1P84-16-1	13-17 [49-64]
PRO1P86-16-1	20-26 [76-98]
PRO1P83-16-1x1	20-26 [76-98]
PRO1P84-16-1x1	26-34 [98-129]
PRO1P86-16-1x1	40-52 [151-197]
PRO1P83-16-2x1	30-39 [114-148]
PRO1P84-16-2x1	39-52 [148-197]
PRO1P86-16-2x1	60-77 [227-291]
PRO1P83-16-3x2	50-65 [189-246]
PRO1P84-16-3x2	65-87 [246-329]
PRO1P86-16-3x2	98-130 [371-492]



WHERE TOMORROW GETS ITS WATER.™

