



# MemPro ROLP Series

## Stainless steel construction

Reverse osmosis  
or nanofiltration  
system

### Construction

- Frame: 304 SS
- Membrane housing: 304 SS
- High-pressure piping: 304 SS
- 304 SS electrical box. CSA certified



### Basic features

- Programmable logic controller (PLC)
- 1 to 3 membranes 8" X 40"
- 2 adjustment valves: concentration & pressure
- 3 pressure gauges: before / after pre-filters and on the membranes pressure operation
- Automatic 304 SS solenoid inlet feed valve
- Temperature indicator
- 2 flow meters: permeate & concentrate with sampling valves
- Low feed pressure protection
- High temperature protection
- Sediment pre-filter 20", 5 microns
- Low energy consumption
- Designed for cold water operation



### PUMP

304 SS  
Multistage centrifugal

### MOTOR

240 VAC  
1-phase, 60 Hz

### Operating parameters

- Operating pressure: 150-500 psi
- Nominal recovery: 75%
- Customizable to your specific application with a recent provided raw water analysis

### Options

- + Conductivity meter
- + SS wash tank (CIP) with valves kit
- + Raw water fast-flush rinse cycle
- + Automatic permeate -flush
- + 600 Volt / 3 phase option



# COMMERCIAL REVERSE OSMOSIS

Made in Canada from top quality materials,  
the MemPro ROLP range will provide you  
with several years of corrosion-free services.

Model	Membrane RO/NF	Maximum capacity 1°C	gpdUS (SDI<1) (25°C)	Prefilter 5 microns	Pressure Pump	Recirculation Pump	Weight (KG)	Size (WxDxH)
MemPro 183-ROLP	1 x 8"	9 500	12 000	1 x 20"	3 hp	1,5 hp	255	19" x 30" x 64"
MemPro 185-ROLP	1 x 8"	12 000	12 000	1 x 20"	5 hp	1,5 hp	275	19" x 30" x 64"
MemPro 285-ROLP	2 x 8"	17 280	24 000	1 x 20"	5 hp	1,5 hp	450	19" x 42" x 64"
MemPro 385-ROLP	3 x 8"	21 600	34 500	1 x 20"	5 hp	1,5 hp	605	36" x 42" x 64"

Production flow of membranes is defined according  
to the manufacturer's specifications  
with a feed water quality of 2000 ppm, 77°F, 200 psi  
without any back pressure on the permeate.

- \* Higher feed water TDS can be treated  
with an optional upgrade kit.  
Contact us for more details.

*Excellent after-sales service!*

## FEED WATER GUIDELINES

Inlet pressure	30-65 psi
Temperature	33°F- 95°F
pH	3.0 - 10
TDS Maximum*	2500 ppm
Turbidity	< 1.0 NTU
SDI Maximum	< 5.0
Iron	< 0.1
Hardness	< 3 grains/gallons
H2S	0
Manganese	< 0.05
Organic matter	0
Chlorine	0
Hydrocarbon	0

