

# MANN+HUMMEL

## Reverse Osmosis Membranes (4" & 8" Membranes)



### Description

**Mann+Hummel** (RO) membranes are one of the finest products in the industry. The state of the art coating line, coupled with advanced membrane technology, yields product of the highest quality and most stable performance. These membranes are uniquely engineered to have a high level of salt rejection with minimum compromise in water flux.

### MICRODYN RO Membranes Options to meet your RO needs

#### High Rejection

- 99.5% NaCl rejection
- 4040 & 8040 models
- 8040 Membrane area – 365, 400, 440

#### Low Energy

- 99.3% NaCl rejection
- 4040 & 8040 models
- Membrane area – 440

#### Fouling Resistant

- 99.5% NaCl rejection
- 4040 & 8040 models (34 mil spacer)
- 8040 Membrane area – 400

#### Extra Low Energy

- 99.2% NaCl rejection
- 4040 & 8040 models
- 8040 Membrane area – 440

#### Seawater RO – High Rejection

- 99.6%-99.8% NaCl rejection
- 4040 & 8040 models
- 8040 Membrane area – 400, 440

#### Seawater RO – High Productivity

- 99.4%-99.8% NaCl rejection
- 4040 & 8040 models
- 8040 Membrane area – 400, 440

### BW ELEMENT SPECIFICATIONS

Model	4040-TW	4040-BW	8040-BW-365	8040-BW-400	8040-BW-400/34	8040-BW-440
Permeate Flow - m <sup>3</sup> /d (GPD) <sup>a</sup>	9.3 (2,450)	9.3 (2,450)	38.0 (10,050)	41.6 (11,000)	41.6 (11,000)	45.4 (12,000)
Membrane Area - m <sup>2</sup> (ft <sup>2</sup> ) <sup>b</sup>	7.9 (85)	7.9 (85)	33.9 (365)	37.2 (400)	37.2 (400)	40.9 (440)

### SW ELEMENT SPECIFICATIONS

Model	4040-SWL	8040-SWL-400	8040-SWL-440
Permeate Flow - m <sup>3</sup> /day (GPD) <sup>a</sup>	7.4 (1,950)	34.1 (9,000)	37.5 (9,900)
Membrane Area - m <sup>2</sup> (ft <sup>2</sup> ) <sup>b</sup>	7.9 (85)	37.2 (400)	40.9 (440)

### Applications

- ▶ Desalting of well waters for municipal drinking water supplies
- ▶ Production of boiler make-up water for power plants
- ▶ Municipal wastewater plants
- ▶ Industrial surface and wastewaters

### Features

- ▶ Competitive, cost-effective Brackish / Sea water or low energy RO elements
- ▶ Ideal for water purification applications
- ▶ Works as a direct replacement for competitive RO products
- ▶ NSF-certified elements available
- ▶ Available globally