

Vontron membranes  
Low pressure



| Ref.   | Description     | Permeated | £/uni. |
|--------|-----------------|-----------|--------|
| RO4036 | LP21-4040 model | 380 L/h   |        |
| RO4037 | LP22-8040 model | 1.650 L/h |        |

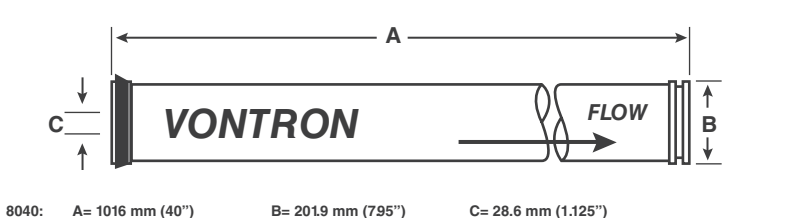
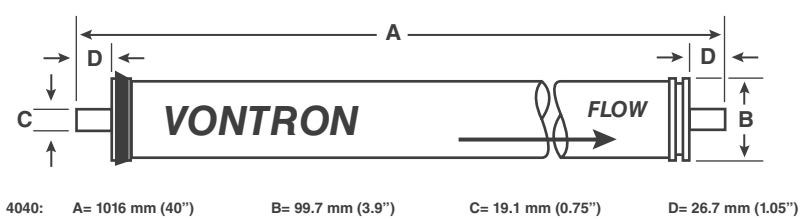
Operating limit and conditions:

- Permeate may vary about 20%.
- Max. working pressure: 600 psi (4,14 Mpa)
- Max. feedwater SDI: 5
- Residual chlorine concentration: <0,1 ppm
- pH range of feedwater during continuous operation: 3~10
- pH range of feedwater during chemical cleaning: 2~12
- Max. pressure drop of membrane: 15 psi (0,10 Mpa)

Test conditions:

- Testing pressure: 225 psi (1,55 Mpa)
- NaCl concentrated: 2.000 ppm
- Temperature of testing solutions: 25°C
- pH value of testing solution: 7,5
- Recovery rate of membrane: 15%

|                           | RO4036                          | RO4037                        |
|---------------------------|---------------------------------|-------------------------------|
| · Permeated:              | 9,10 m <sup>3</sup> /d          | 39,70 m <sup>3</sup> /d       |
| · Max. feedwater flow:    | 16 GPM (3,60 m <sup>3</sup> /h) | 75 GPM (17 m <sup>3</sup> /h) |
| · Minimum rejection rate: | 99,3%                           | 99,3%                         |
| · Stable rejection rate:  | 99,5%                           | 99,5%                         |
| · Membrane area:          | 8,40 m <sup>2</sup>             | 37 m <sup>2</sup>             |



ISO 9001 Quality System Certification



Certified to NSF 58



Tested to Hygiene Requirements by Chinese Cencet for Disease Control & Prevention