

FFM-N2540GBL-300

Alkali resistant roll type nanofiltration membrane

| | | |
|-------------|-------------------------------|--|
| PRODUCT | Membrane Chemistry: | Special patent composite Membrane |
| DESCRIPTION | Nominal retention accuracy: | 300 Dalton |
| | structure: | Spiral coil type |
| | Application: | Alkali recovery and water production concentration |
| | Through liquid pipe material: | CPVC |

Specification Parameter

| Removal rate | Water yield | Membrane Area | inlet passage |
|------------------------|-------------------------|-----------------------------------|---------------|
| Glucose, Sucrose /NaCl | gpd (m ³ /d) | ft ² (m ²) | mil (mm) |
| 95/97 35 | 610(2.3) | 17.2(1.6) | 30 (0.8) |

Test conditions: 3% glucose, 3% sucrose or 5% NaCl solution, RO water. Test pressure 440 psi (30bar), 86 ° f (30 ° C)

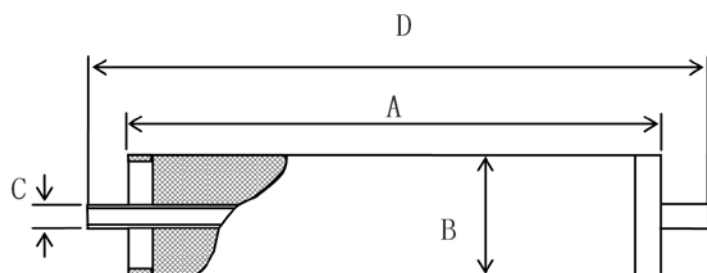
OPERATION PARAMETERS

| | |
|--|------------------------|
| Recommended operating pressure: | 220-510 psi (15-35bar) |
| Maximum operating temperature: | 122° F (50°C) |
| PH range of continuous operation: | 2-14 |
| PH range of online cleaning: | 2-14 |
| Design pressure drop of single membrane element: | 10 psi (0.7 bar) |
| Design pressure drop of single pressure vessel: | 60 psi (4.2bar) |

Conventional treatment fluid:

20%NaOH

10%KOH



| A | B | C | D |
|-----------|-----------|-----------|------------|
| inch (mm) | inch (mm) | inch (mm) | inch (mm) |
| -- | 2.4(61) | 0.75(19) | 40.0(1016) |