

## FFM-N2540GBA-1K

Acid resistant nanofiltration membrane

PRODUCT	Membrane Chemistry:	Special composite membrane
DESCRIPTION	Nominal retention accuracy:	1,000 Dalton
	structure:	Spiral coil type
	Choice scope: Diameter:	inlet passage: (31mil), (46mil)
	Application:	Acid recovery, water concentration
	Through liquid pipe material:	CPVC

### Specification Parameter

Removal rate	Water yield	Membrane Area	inlet passage
Glucose, Sucrose /NaCl	gpd (m <sup>3</sup> /d)	ft <sup>2</sup> (m <sup>2</sup> )	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)

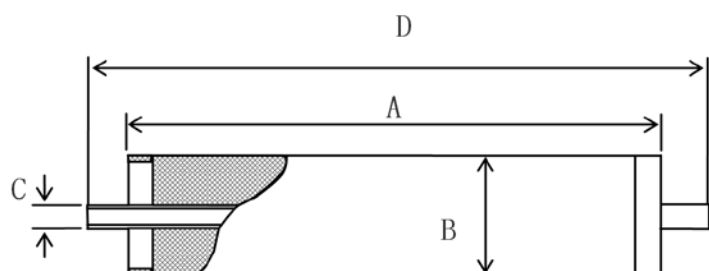
### OPERATION PARAMETERS

Recommended operating pressure:	220-510 psi (15-35bar)
Maximum operating temperature:	122° F (50°C)
Cleaning temperature range:	95-122° F (35-50°C)
PH range of continuous operation:	0-12
PH range of online cleaning:	0-12
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:

10%Hcl  
15%H3PO4

10%H2SO4  
2%HNO3



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