

FFM-N8040GL-500

Acid resistant nanofiltration membrane

PRODUCT	Membrane Chemistry:	Special patent composite Membrane
DESCRIPTION	Nominal retention accuracy:	500 Dalton
	structure:	piral wound FRP shell and polysulfone production pipe
	Choice scope: Diameter:	inlet passage: (30mil), (46mil)
	Application:	Alkali recovery, water concentration

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	6500 (24.6)	308 (28.6)	30 (0.8)
95/97 35	5000 (18.9)	210 (19.5)	46 (1.2)

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

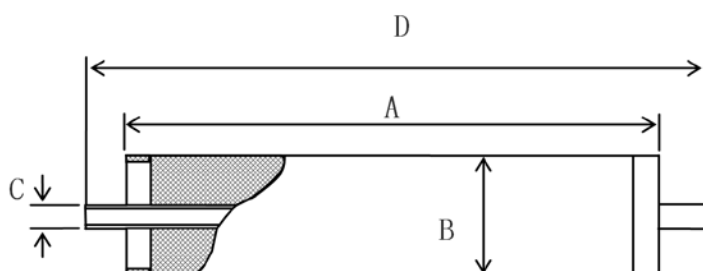
Conventional treatment fluid

20%NaOH

10%KOH

OPERATION PARAMETERS

Recommended operating pressure:	220-510 psi (15-35bar)
Maximum operating temperature:	158° F (70°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:	50 psi (3.5bar)



A	B	C	D
inch (mm)	inch (mm)	inch (mm)	inch (mm)
40.0 (1016)	7.93 (202)	1.125 (28.6)	--