FFM-N8040G-800

Low operating pressure, highly selective retention of nanofiltration membrane

PRODUCT DESCRIPTION

Membrane Chemistry: Special polyamide composite Membrane

Membrane type: Selective retention of nanofiltration membrane

structure: Coil type sanitary grade belt grid / FRP

Choice scope: Diameter: inlet passage: 28mil（0.7mm）、31mil（0.8mm）、或 46mil（1.2mm）

Application: Separation of high molecular weight components (> 800 daltons) and multivalent ions from various liquids

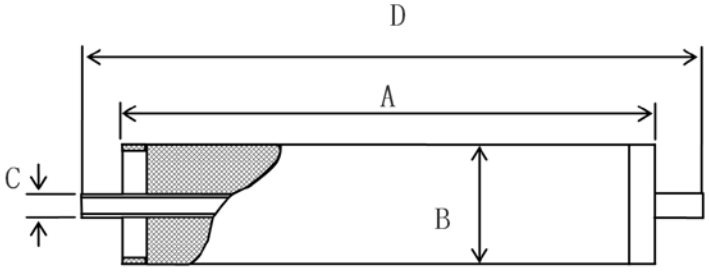
Specification Parameter

Water yield（gpd，m^3/d）			MgSO4	Membrane Area	inlet passage
Nominal	Maximum	Minimum	Removal rate	ft2 (m2)	mil（mm）
6200(23.5)	7450(28.2)	5250(19.9)	＞99.0	400（37.1）	28（0.7）
5275(20.0)	6350(24.0)	4500(17.0)	＞99.0	330（30.7）	31（0.8）
4500(17.0)	5400(20.4)	3800(14.4)	＞99.0	260（24.1）	46（1.2）

Test conditions: 5000 mg / L MgSO4, demineralized water, test pressure 95 psi (655kpa), recovery rate 15%, 77 ° f (25 ° C), ph7.5

OPERATION PARAMETERS

Recommended operating pressure:	200-600 psi (13.8-41.4bar)
Maximum operating pressure:	600psi (41.4bar)
Maximum operating temperature:	122° F (50℃)
Maximum cleaning temperature:	113° F (45℃)
Maximum continuous residual chlorine:	＜0.1mg/l
PH range of continuous operation:	4.0-10.0（25℃）
PH range of online cleaning:	1.7-11.5（25℃）
Design pressure drop of single membrane element:	10 psi (0.7 bar)
Design pressure drop of single pressure vessel:	60 psi (4.2 bar)
Maximum inflow turbidity:	1NTU
Maximum influent SDI (test for 15 minutes):	5



A	B	C	D
inch（mm）	inch（mm）	inch（mm）	inch（mm）
40.0（1016）	8（203）	1.125（29）	--