

SS Membrane Housing

Profile

We also can call Pressure vessel, UF membrane, NF membrane, RO membrane Inside. It can contain 1 to 4 RO elements as 4 inch membrane housing and 1 to 6 RO elements as 8 inch membrane housing usually External polishing as SS membrane housing

Main parameter

Temperature: -5 --- 90°C
 Max pressure: 2.0 - 2.5 Mpa
 Operation pressure: 1.0 - 1.5 Mpa
 Feed mode: End port entry(4 inch); Side port entry(8 inch)
 Thickness: 1.5mm (4 inch); 3mm (8 inch)
 Feed & Concentrate: 3/4" (4inch), 1 1/2" (8 inch); Permeate: 1/2"(4 inch), 1" (8 inch)

Stainless Steel Advantage

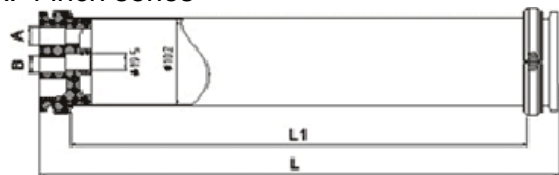
1. No seals involved in side port connections
2. Unlike fiberglass doesn't warp or weep
3. Is not affected by UV rays or sunlight
4. Stainless Steel is a preferred and universally accepted material for water systems
5. Can withstand high temperatures, up to 90°C
6. Capable of supporting process piping

Materials of Construction

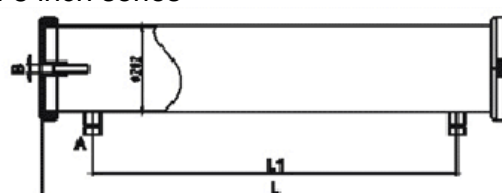
End cap ABS (4 inch); SS304 or SS316L(8 inch)
 Clamp SS304(4 inch); SS304 or SS316L(8 inch)
 Cap screws SS304(4 inch); SS304 or SS316L(8 inch)
 Support Staps SS304
 Mounting pads Rubber
 O-ring EPDM
 Housing body SS304/SS316L
 Permeate plug ABS

SS membrane housing Structure

A. 4 inch series



B. 8 inch series



SS membrane housing dimension

Model	L	L1	A	B	Remark
4040-1	1087mm	1027mm	3/4"	1/2"	End port
4040-2	2103mm	2043mm	3/4"	1/2"	End port
4040-3	3119mm	3059mm	3/4"	1/2"	End port
4040-4	4135mm	4075mm	3/4"	1/2"	End port
8040-1	1308mm	1094mm	1 1/2"	1"	Side port
8040-2	2324mm	2110mm	1 1/2"	1"	Side port
8040-3	3340mm	3126mm	1 1/2"	1"	Side port
8040-4	4356mm	4142mm	1 1/2"	1"	Side port
8040-5	5372mm	5158mm	1 1/2"	1"	Side port
8040-6	6388mm	6174mm	1 1/2"	1"	Side port