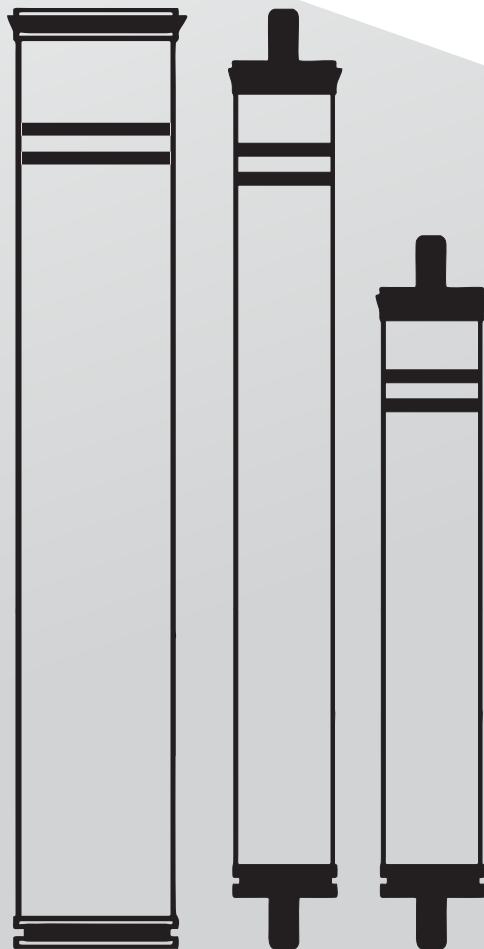




A Product From the house of

India's  Largest Membrane Manufacturer

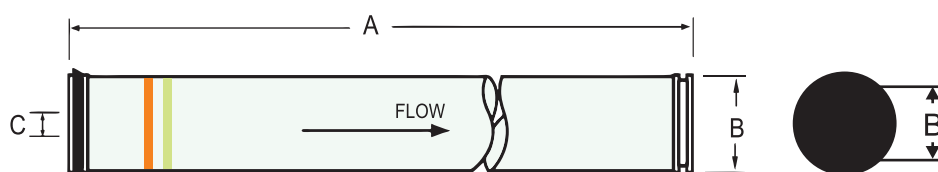


“  
**INDUSTRIAL  
MEMBRANES**

# LCM-8" SERIES



MODEL	A MM	B MM	C MM	D MM
LCM-8040	1016	200	28.7	0



MODEL	Active Membrane Area ft2(m2)	Average Permeate Ltrs. (Per/Hr)	Stable Rejection Rate %	Min. Rejection Rate %	Max. TDS
STEAM-8040	366(34.0)	1000	95-96	95	1500
L SERIES - 8040	420(40.0)	1100	96-97	96	2500
HS-TFC - 8040	462(44.0)	1000	97-99	97	3000
LCM-ES - 8040	366(34.0)	950	98-99	97	4000
LCM-BW-8040	400(37.2)	950	99	98	6000
LCM -SW-8040	440(40.9)	900	99.8	99	15000

Testing  
Conditions

Testing Pressure  
Testing Solution Temperature  
Concentration of Testing Solution (NaCl)  
pH value of Testing Solution  
Recovery Rate of Single Element

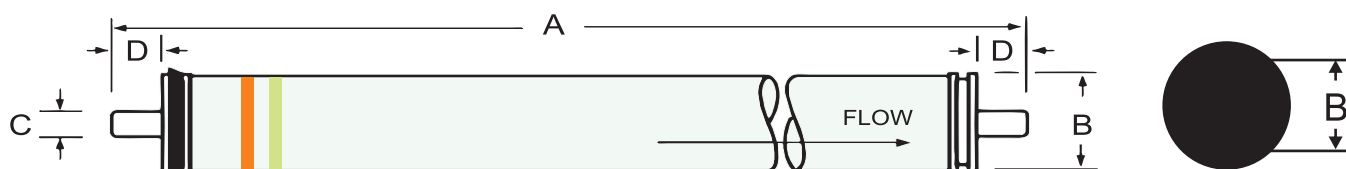
225 psi (1.55Mpa)  
25°C  
2000ppm  
7.5  
15%

Operation  
Limits &  
Conditions

Max. Working Pressure  
Max. Temperature of Feed water  
Max. Volume of Feed water  
Max. Feed water SDI 15  
pH Range of Feed water during Continuous Operation  
pH Range of Feed Water during Chemical Cleaning  
Residual Chlorine Concentration of Feed Water  
Max. Pressure Drop of Single Membrane Element  
Max. Pressure Drop of Single Pressure Vessel with Six RO Membranes

600psi(4.14Mpa)  
45°C  
75gpm(17 m3/h)  
5  
2~11  
1~13  
<0.1ppm  
15 psi (0.1Mpa)  
50 psi (0.34Mpa)

MODEL	A MM	B MM	C MM	D MM
LCM-4040	1016	100	19	32
LCM-4021	533	100	19	32



MODEL	Active Membrane Area ft <sup>2</sup> (m <sup>2</sup> )	Average Permeate GPD(m <sup>3</sup> /d)	Stable Rejection Rate %	Min. Rejection Rate %	Max. TDS
STEAM-4040	84 (8)	2100 (8.0)	97-98	96.5	1500
L SERIES-4040	84 (8)	2400 (9.1)	99-99.5	98.5	2500
HS-TFC-4040	110.2 (10.5)	2600 (9.9)	95-97	94.5	3000
LCM-ES-4040	101 (9.4)	2700 (10.2)	97-98.5	96.5	4000
L SERIES-4025	50 (4.65)	900 (3.41)	97-98.5	96.5	2500
L SERIES - 4021	33 (3.0)	900 (3.41)	97-98.5	96.5	2500
LCM-BW-4040	125 (12.0)	1500 (6.0)	99-99.5	99.0	5000

## Testing Conditions

Testing Pressure	150 psi (1.03Mpa)
Testing Solution Temperature	25°C
Concentration of Testing Solution (NaCl)	1500ppm
pH value of Testing Solution	7.5
Recovery Rate of Single Element	15%
Max. Working Pressure	600psi (4.14Mpa)
Max. Temperature of Feed water	45°C
Max. Volume of Feed water	16gpm(3.6 m <sup>3</sup> /h)- 8gpm

## Operation

## Limits & Conditions

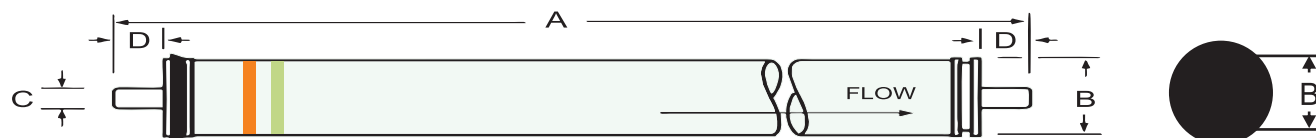
Max. Feed water SDI15	5
pH Range of Feed water during Continuous Operation	3~10
pH Range of Feed Water during Chemical Cleaning	2~12
Residual Chlorine Concentration of Feed Water	<0.1ppm
Max. Pressure Drop of Single Membrane Element	15 psi (0.1Mpa)
Max. Pressure Drop of Single Pressure Vessel with Six RO Membranes	50 psi (0.34Mpa)



# LCM-2.5" SERIES



MODEL	A MM	B MM	C MM	D MM
LCM-2540	1016	61	19	32
LCM-2521	533	61	19	32



MODEL	Active Membrane Area ft2(m2)	Average Permeate GPD(m3/d)	Stable Rejection Rate %	Min. Rejection Rate %	Max. TDS
LCM - 2540	33 (3.0)	760 (2.9)	97-99	96.5	3000
LCM-BW-2540	41 (3.8)	745 (2.8)	99.0	98	5000
LCM-2521	16(1.5)	310 (1.15)	97-99	96.5	3000
LCM-BW-2521	21 (1.9)	290 (1.1)	99.0	98	5000

Testing  
Conditions

Testing Pressure 150 psi (1.03Mpa)  
 Testing Solution Temperature 25°C  
 Concentration of Testing Solution (NaCl) 1500ppm  
 pH value of Testing Solution 7.5  
 Recovery Rate of Single Element 8%

Operation  
Limits &  
Conditions

Max. Working Pressure 600psi (4.14Mpa)  
 Max. Temperature of Feed water 45°C  
 Max. Volume of Feed water 6gpm(1.4 m3/h)  
 Max. Feed water SDI15 5  
 pH Range of Feed water during Continuous Operation 3~10  
 pH Range of Feed Water during Chemical Cleaning 2~12  
 Residual Chlorine Concentration of Feed Water <0.1ppm  
 Max. Pressure Drop of Single Membrane Element 15 psi (0.1Mpa)  
 Max. Pressure Drop of Single Pressure Vessel with Six RO Membranes 50 psi (0.34Mpa)

