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**PROTECT THE  
MOST**

**VALUABLE  
ELEMENT ON  
EARTH.**

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**FSMBR 08**

**MODULE  
FLAT SHEET MBR**



WEBSITE: WWW.IMEMFLO.COM



# IMEMFLO FSMBR 08

imemflo FMBR PVDF Series, is a high-flux Flat Sheet MBR membrane delivering excellent permeability, fouling resistance, stability and elimination effectiveness. Structured with PVDF (permanently hydrophilic polyvinyl difluoride) has the advantage of dry storage.

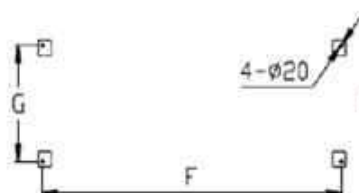
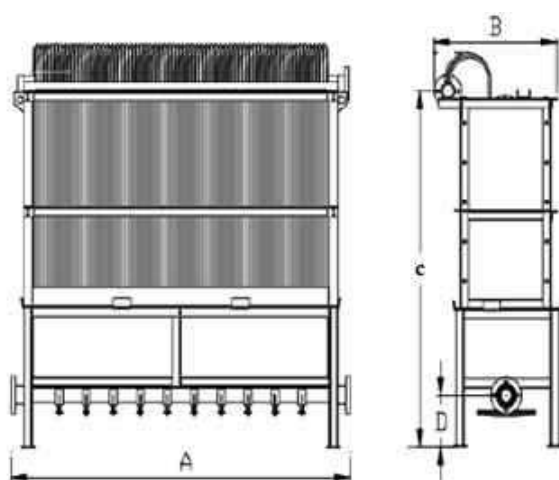
FMBR PVDF Series membranes can be used for a wide variety of treatment applications such as industrial and domestic wastewaters.

- Permanently hydrophilic
- High MLSS concentration
- High flux & low fouling
- High chlorine resistance



Product specification		
		0.8 M2
Model		FSMBR 08
Effective membrane area	M2	0.8
height	MM	1020
width	MM	510
thickness	MM	14
Dry weight	Kg	1.3
Nominal pore size	µm	0.1
Membrane Material		PVDF
Plate material		ABS
Air requirement	M3/Hr/Plate	≥0.6
Product performances		
Storage		Dry Storage
Design Flux	LMH	15-34 LMH
MLSS	PPM	7000 -18000
Operation Specification		
Operating Temperature	°c	5 -40 C
DO Concentration	PPM	>1
pH Range		06-09 ph
Operating Trans. Pressure	Mbar	50-200
Operating mode(permeate/relaxation)	Min	08-02 Min
Max press drop	Mbar	350

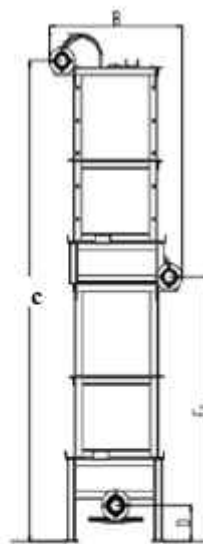
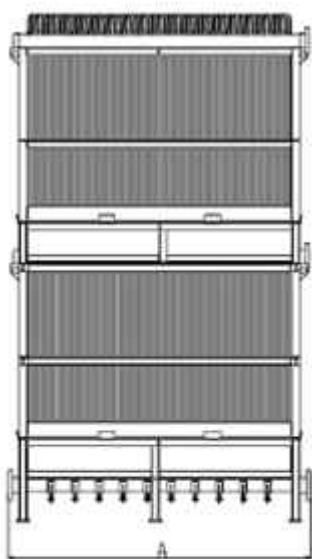
# FSMBR 08 Single Deck



NOTE: Aeration pipe flange DN65  
Water collection pipe DN50

Model no.	No. of Cassettes	Membrane area(m <sup>2</sup> )	A (mm) Length	B (mm) width	C Standard height (mm)	Air Flowrate (l/min)
FSMBR 08-25	25	20	617.5	600	1660	250
FSMBR 08-50	50	40	980	600	1660	500
FSMBR 08-75	75	60	1342.5	600	1660	750
FSMBR 08-100	100	80	1705	600	1660	1000
FSMBR 08-125	125	100	2067.5	600	1660	1250
FSMBR 08-150	150	120	2515	600	1660	1500
FSMBR 08-175	175	140	2877.5	600	1660	1750
FSMBR 08-200	200	160	3240	600	1660	2000
FSMBR 08-225	225	180	3602.5	600	1660	2250
FSMBR 08-250	250	200	3965	600	1660	2500

# FSMBR 08 Double Deck



NOTE: Aeration pipe flange DN65  
Water collection pipe DN50

Model no.	Cassettes In one deck	Total cassettes	Membrane area (m <sup>2</sup> )	A (mm) Length	B (mm) width	C Standard height (mm)	Air Flowrate (l/min)
FSMBR 08-25-2	25	50	40	617.5	600	2750	350
FSMBR 08-50-2	50	100	80	980	600	2750	700
FSMBR 08-75-2	75	150	120	1342.5	600	2750	1050
FSMBR 08-100-2	100	200	160	1705	600	2750	1400
FSMBR 08-125-2	125	250	200	2067.5	600	2750	1750
FSMBR 08-150-2	150	300	240	2515	600	2750	2100
FSMBR 08-175-2	175	350	280	2877.5	600	2750	2450
FSMBR 08-200-2	200	400	320	3240	600	2750	2800
FSMBR 08-225-2	225	450	360	3602.5	600	2750	3150
FSMBR 08-250-2	250	500	400	3965	600	2750	3500



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