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**BRO
CHU
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**PROTECT THE
MOST**

**VALUABLE
ELEMENT ON
EARTH.**

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FSMBR 16

**MODULE
FLAT SHEET MBR**



WEBSITE: WWW.IMEMFLO.COM



IMEMFLO FSMBR 16

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.

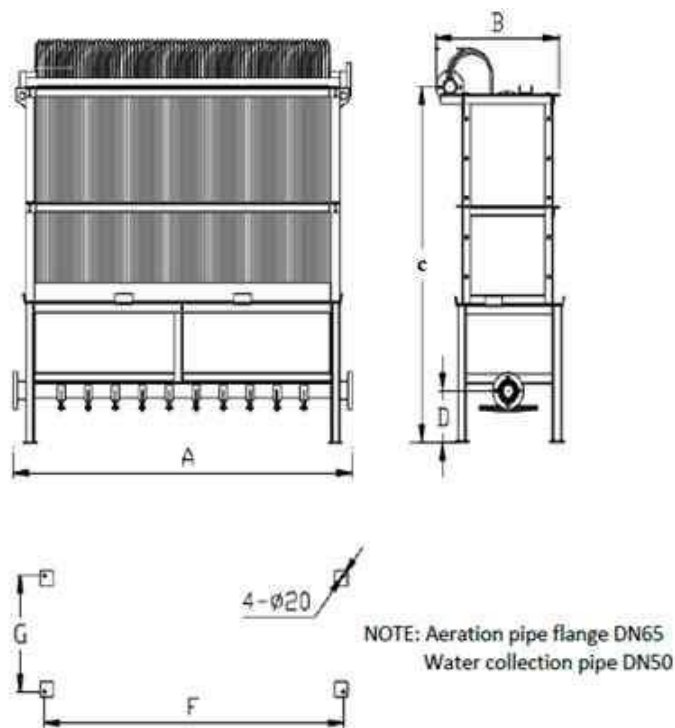
FMBR PVDF Series membranes can be used for a wide variety of treatment applications such as industrial and domestic wastewaters.

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



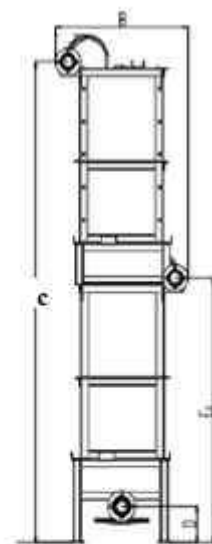
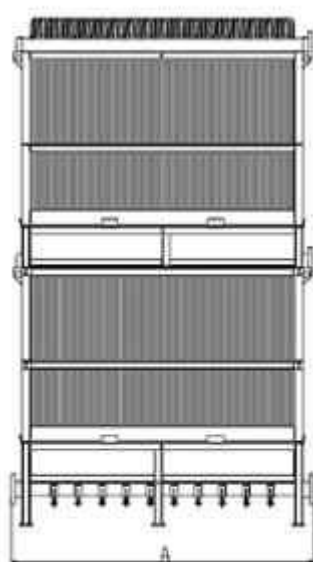
Product specification		
		1.6 M2
Model		FSMBR 16
Effective membrane area	M2	1.6
hight	MM	1810
width	MM	512
thickness	MM	14
Dry weight	Kg	5
Nominal pore size	µm	0.1
Membrane Material		PVDF
Plate material		ABS
Air requirement	M3/Hr/Plate	≥0.72
Product performances		
Storage		Dry Storage
Design Flux	LMH	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 16 Single Deck



Model no.	No. of Cassettes	Membrane area(m ²)	A (mm) Length	B (mm) width	C Standard height (mm)	Air Flowrate (l/min)
FSMBR 16-25	25	40	605	600	2500	300
FSMBR 16-50	50	80	955	600	2500	600
FSMBR 16-75	75	120	1305	600	2500	900
FSMBR 16-100	100	160	1655	600	2500	1200
FSMBR 16-125	125	200	2005	600	2500	1500
FSMBR 16-150	150	240	2440	600	2500	1800
FSMBR 16-175	175	280	2790	600	2500	2100
FSMBR 16-200	200	320	3140	600	2500	2400
FSMBR 16-225	225	360	3490	600	2500	2700
FSMBR 16-250	250	400	3840	600	2500	3000

FSMBR 16 double Deck



NOTE: Aeration pipe flange DN65
Water collection pipe DN50

Model no.	No. of Cassettes In one deck	Total cassettes	Membrane area (m ²)	A (mm) Length	B (mm) width	C Standard height (mm)	Air Flowrate (l/min)
FSMBR 16-25-2	25	50	80	605	600	4400	350
FSMBR 16-50-2	50	100	160	955	600	4400	700
FSMBR 16-75-2	75	150	240	1305	600	4400	1050
FSMBR 16-100-2	100	200	320	1655	600	4400	1400
FSMBR 16-125-2	125	250	400	2005	600	4400	1750
FSMBR 16-150-2	150	300	480	2440	600	4400	2100
FSMBR 16-175-2	175	350	560	2790	600	4400	2450
FSMBR 16-200-2	200	400	640	3140	600	4400	2800
FSMBR 16-225-2	225	450	720	3490	600	4400	3150
FSMBR 16-250-2	250	500	800	3840	600	4400	3500



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