

High Packing Density



MBR – MEMBRANE BIOREACTOR
HOLLOW FIBRE MEMBRANE
HYPER™ PVDF
HMBR-MA10-2.5-RF020



Overview

MEGAVISION HMBR PVDF Series, is a high-quality reinforced Hollow Fibre MBR membrane optimized for small to large flux wastewater treatment plants.

Structured with HYPER™ PVDF (permanently hydrophilic polyvinyl difluoride) has **the advantage of dry storage**.

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

- Permanently hydrophilic
- High chlorine tolerance
- Backwashable membrane

Product Specifications

Effective membrane area	m ²	10
Dimensions (w×h×d)	mm	610×1200×45
Weight	Kg	5
OD	mm	2.5
Nominal pore size	µm	0.2
Membrane material	PET tube + HYPER™ PVDF	

Product Performances

Storage & Maintenance	Dry Storage	
Membrane properties	Permanently hydrophilic	
Surface properties	Non-Ionic	
Design flux rate	L/m ² .h	10~20
Peak hourly flux rate	L/m ² .h	25~35
MLSS	mg/L	4,000~12,000

Operating Specifications

Operating temperature	°C	5~40
DO concentration	mg/L	>1
pH range (Operation, Cleaning)		2~10, 1~11
Air integrity test pressure	MPa	0.02
Max. aeration rate	L/min/pc	160
TMP range	MPa	-0.05~0.03
Operating pressure	MPa	-0.02~0
Max. operating pressure	MPa	<-0.05
Backwash pressure	MPa	0.02
Max. backwash pressure	MPa	<0.03



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