

EPPA-MD146-0-0 Membrane BioReactor (MBR)		
Features:	Typical Application:	
<ul style="list-style-type: none"> ● High treated effluent quality ● Less waste sludge ● Less process equipment with smaller footprint ● Comparable performance with competitive cost 	<ul style="list-style-type: none"> ● Bio-Wastewater Treatment ● Water Reclaim/Reuse ● Sludge Premium Treatment ● RO/NF Pre-Treatment 	
System Specification	Unit	Specification
Structure	-	Braided PET Reinforced Hollow Fiber
Base Material	-	PVDF
Fiber Tensile Test	N	≈500
Nominal Pore Size	μm	0.05
Nature	-	Hydrophilic
Path Direction	-	Outside-In
Outer Diameter	mm	2.0±0.1
Inner Diameter	mm	1.0
Total Surface Area	m ² /set	14.6
Skid Size (L*W*H)	mm	825*56*1030
Operating Temperature	°C	5 ~ 40
Operating pH Range	pH	2 ~ 11
Maximum Backwash Pressure	kg/cm ²	0.4
Operating Pressure Range	kg/cm ²	-0.4 ~ 0.4
Operating Flux	LMH	15~25 *It depends on water quality.
MLSS	ppm	<12,000
SADm(Specific Aeration Demand per membrane area)	m ³ /m ² hr	0.25~0.30
Typical Properties	Unit	Specification
Total Suspended Solids (TSS)	mg/L	<1
Turbidity	NTU	<1
Silting Density Index (SDI)	-	<3