

Martin Hollow Fiber UF Membrane MTUF-PVDF Serial

Application

- Municipal water treatment
- Pretreatment and post-treatment of RO systems
- FOOD and beverage processing water treatment
- Concentration treatment of food, zymolysis and milk
- Pharmaceutical water purification
- Deep treatments of wastewater for recycle
- Wastewater and Sewage



Module Type	MTUF-PVDF-1060	MTUF-PVDF-8060	MTUF-PVDF-6060
Dimension(mm)	φ250×1710	φ200×1710	φ160×1810
Interface(mm)	Coupling DN50	Coupling DN50	Union φ50
Membrane Area: (m ²)	78	47	40
Feed Modes	Outside-Inside Side Feed		Outside-In Top Feed
Shell Material	UPVC		
Membrane Material	PVDF		
Membrane Features and Reservation	Permanent hydrophilicity(Dried Store)		
MWCO Dalton	200K		
Hollow Fiber ID/OD (mm)	0.8/1.3		
Initial Pure Water Flux: (L/m ² .h)	300		
Operating Temperature (°C)	5~45		
pH Range	2~13		
Maximum Feed Turbidity: (NTU)	200NTU		
Chlorine Tolerance (ppm)	200 Cotinuous(Max 1000 Instantaneous)		
Maximum Feed Pressure: (Mpa)	0.4		
Maximum TransmembranePressure: (Mpa)	0.2		
Maximum Backwash Pressure: (MPa)	0.2		
Particles>1μm Removal :	> 6log		
Virus Removal:	> 5log		
Bacterial Removal:	> 6log		
Permeate SDI	< 2		
Permeate Turbidity: (NTU)	<0.06		
Operating Modes	Direct or Cross flow + Backwash Timing		
Operating Pressure:(Mpa)	<0.1		
Design Permeate Flux: (L/m ² .h)(25°C,0.15MPa)	40~120		
Backwash Frequency (min)	15-60		
Backwash Duration (s)	30-60		
Backwash Pressure: (Mpa)	0.08~0.15		
Chemically Enhanced Backwash Frequency (d)	1-7		
Chemically Backwash Duration (min)	1-10		
Chemical Cleaning Frequency (d)	30-90		
Chemical Cleaning Duration (min)	30-60		
Cleaning Chemicals	NaClO or H ₂ O ₂ (200ppm),NaOH(Ph<12),Citric Acid(Ph>2)		