

HOLLOW FIBER ULTRAFILTRATION

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



Product Code	MTUF-PSS-1060	MTUF-PSS-8060	MTUF-PSS-8040	MTUF-PSS-6040	MTUF-PSS-4046
Dimension(mm)	φ250×1721	φ200×1929	φ200×1466	φ134×1198	φ90×1170
Interface(mm)	SS Coupling 2"	Union φ50	Union φ50	Union φ32	Union φ32
Membrane Area: (m ²)	45	28	20	10	4
Feed Modes	Inside-Outside Side Feed			Inside-Outside Top Feed	
Shell Material	ABS/UPVC				
Membrane material	PVDF				
Membrane Features and Reservation	Permanent hydrophilicity (Dried Store)				
MWCO Dalton	50K (6K,30K,100K,200K,300K)				
Hollow Fiber ID/OD (mm)	1.2/2.0 (0.9/1.5, 1.6/2.5, 2.0/3.0)				
Initial Pure Water Flux: (L/m ² .h)	150~300				
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)	40~150				
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)				