

Martin Hollow Fiber UF Membrane MTUF-PVC 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



| Module Type | MTUF-PVC-1060 | MTUF-PVC-8060 | MTUF-PVC-6060 | MTUF-PVC-4046 |
|---|---|---------------|---------------------|---------------|
| Dimension(mm) | φ250×1710 | φ200×1710 | φ160×1355 | φ90×1170 |
| Interface(mm) | Coupling DN50 | Coupling DN50 | Union φ40 | Union φ40 |
| Membrane Area: (m ²) | 48 | 34 | 15 | 4.8 |
| Feed Modes | Inside-Out Side Feed | | Inside-Out Top Feed | |
| Shell Material | UPVC | | | |
| Membrane Material | PVC | | | |
| Membrane Features and Reservation | Permanent hydrophilicity(Dried Store) | | | |
| MWCO Dalton | 100K | | | |
| Hollow Fiber ID/OD (mm) | 1.0/1.8 | | | |
| Initial Pure Water Flux: (L/m ² .h) | 250 | | | |
| 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) | 35~100 | | | |
| 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) | | | |