MBR25 Series Membrane Bioreactor (MBR) Module

**Description**
MBR25 Series Reinforced PVDQ Hollow Fiber MBR Membrane Module is a membrane unit that integrates traditional sewage biological treatment technology with the new processing technology. PVDQ hollow fiber MBR is a membrane separation unit integrating traditional secondary sedimentation pool function, with further removal of organic matter, nitrogen and phosphorus, it is the most advanced and efficient water treatment technology. PVDQ hollow fiber MBR is made of modified PVDF material, with high flux, good chemical resistance and pollutant resistance. The polyester interlayer support net greatly increases the mechanical strength of the membrane skin. The T12 and OD of the reinforced PVDQ hollow fiber membrane is 1.0mm and 2.2mm, and the filtration rating is 0.02μm. Outside to inside flow direction of PVDQ hollow fiber MBR, wastewater to bacteria, colloids, suspended solids and microorganisms are intercepted to achieve a good filtering effect.

**Feature**
- PVDQ MBR membrane has lower energy costs and high quality effluent.
- Advanced technology of membrane MBR membrane module has been successfully developed.
- MBR membrane module adopts unique sedimentation tank and fiber unit, high-quality filtration parameters.
- Hollow fiber PVDQ membrane has high filtration efficiency, easy to clean and operate, high mechanical strength and long service life.
- PVDQ hollow fiber MBR is made of modified PVDF material, high flux, gas-chemical resistance and pollutant resistance.

**Application**
- Design influent
- Optional chemical treatment
- Optional activated carbon treatment
- Optional or non-activated carbon treatment
- Optional or non-chemical treatment
- Pre-KF2 water treatment
- Pre-KF2 chemical treatment
- Industrial wastewater treatment
- Pre-KF2 activated carbon treatment
- Stroke dosage pretreatment
- Pre-KF2 activated carbon treatment

**Specification**
- Module:
  - Membrane material: Hollow fiber PVDF
  - Active membrane area: 6800mm²
  - Membrane type: Hollow fiber
  - Filtration rating: 0.02μm
  - Material of housing: Stainless steel
  - Ultraviolet resistance: UV680
  - Ultradur viscosity: 750
- Performance:
  - Filtration Flow: 300 liters/h
  - Filtration Pressure: 0.4MPa
  - Ultrafiltration Pressure: 0.25MPa
  - Operating Temperature: 5-40°C
  - Operating Frequency: 24rpm

**Tech Support**
PVDF Hollow Fiber MBR Membrane Module Processing

**Project Case of MBR25 Series Reinforced PVDF MBR Membrane Module**

**Domestic Sewage Standard (Technical Standard) B213/8-1998**

**Domestic Standard**
- Treatment Standard: B213/8-1998
- Membrane Module Discharge Compliance

Equipment parameters: MBR25 membrane module, 64 groups, 18 groups, 120μm in total, design operating flux 18Kl/m²