8" PVDF Hollow Fiber Ultrafiltration Membrane Module

**Description**
Hongtek UF-M606 Series of PVDF Ultrafiltration Membrane Module is made of high quality anti-pollution PVDF (Polyvinylidene Fluoride) membrane materials, with high chemical stability, oxidative resistance and acid and alkali resistance. PVDF ultrafiltration membrane is permanently hydrophilic for high throughput, PVDF hollow fiber UF membrane fiber pore size distribution is uniform, ensuring stable water good quality. PVDF hollow fiber ultrafiltration membrane has good mechanical strength, larger surface filtration area, easy to backwash, so UF membrane module is a long service life.

**Specification**

<table>
<thead>
<tr>
<th>Membrane Material</th>
<th>UF-F606</th>
<th>UF-F615</th>
<th>UF-F623</th>
</tr>
</thead>
<tbody>
<tr>
<td>Membrane material</td>
<td>PVDF</td>
<td>PVDF</td>
<td>PVDF</td>
</tr>
<tr>
<td>100% hollow fiber</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Filtaration rating</td>
<td>0.2um, 2.0um</td>
<td>0.2um, 2.0um</td>
<td>0.2um, 2.0um</td>
</tr>
<tr>
<td>Material of shell</td>
<td>ETPE</td>
<td>ETPE</td>
<td>ETPE</td>
</tr>
<tr>
<td>Material of tube</td>
<td>UPVC</td>
<td>UPVC</td>
<td>UPVC</td>
</tr>
<tr>
<td>Net linear flow</td>
<td>36000L/3.55m².h</td>
<td>36000L/3.55m².h</td>
<td>36000L/3.55m².h</td>
</tr>
<tr>
<td>Productive water output pipe</td>
<td>DN80 50mm PVC pipe</td>
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<td>DN80 50mm PVC pipe</td>
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</tbody>
</table>

**Feature**
- PVDF ultrafiltration membrane is permanent hydrophilic
- PVDF UF membrane module has larger filtration area and longer service life
- PVDF hollow fiber ultrafiltration membrane is strong oxidative resistance, and acid alkali resistance
- PVDF hollow fiber UF membrane has good mechanical strength and uniform membrane distribution
- PVDF membrane module uses international standard size clamps for quick installation and easy replacement

**Sizes of UF Membrane Module**

- UFRO: 8" UF hollow fiber UF membrane module
- UFMR: 8" UF hollow fiber UF membrane module
- UFMR: 8" UF hollow fiber UF membrane module

**Performance**

- Maximum linear flow rate: 36000L/3.55m².h
- Operation pressure: 0~0.2 MPa
- Rated linear flow: 36000L/3.55m².h
- Maximum pressure: 0.2 MPa
- Membrane surface area: 36m²
- Membrane material: PVDF
- Flow capacity: 0.2 MPa
- Flow rate: 36000L/h
- Size: 8"

**Work Principle of PVC UF Membrane**

- PVDF UF membrane water flow rate is from outside to inside
- PVDF ultrafiltration membrane fiber pore size distribution is uniform and larger filtration area
- PVDF ultrafiltration has strong anti-scaling ability, resistant to acid and alkali & long working life
- The filtration rate of PVDF UF membrane is higher than that of hollow fiber UF membrane
- PVDF membranes are resistant to the membrane module
- PVDF hollow fiber UF membrane module is resistant to the membrane module
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**Tech Support**

Project Case of DF PVDF Ultrafiltration Membrane Module

Mineral water ultrafiltration equipment: 6000L/h
- Desalination: 80% water recovery rate
- Filtration system: 80% water recovery rate
- Water pressure test: 0.2 MPa
- Filling the Desalination: UFDF80% Ultrafiltration Membrane Module (60L, design operating for 5T/L/h)

**Application**
- Sea water desalination
- Reverse osmosis purification
- Pure water treatment
- Industrial wastewater treatment