



Tubular UF Membrane Module

HWM-TUF30-63E

Product description

- Membrane area: 15.2m²
- Membrane diameter: 8mm
- Membrane material: PVDF
- Membrane pore size: 30nm
- Housing material: FRP
- Numbers of membrane tube: 201

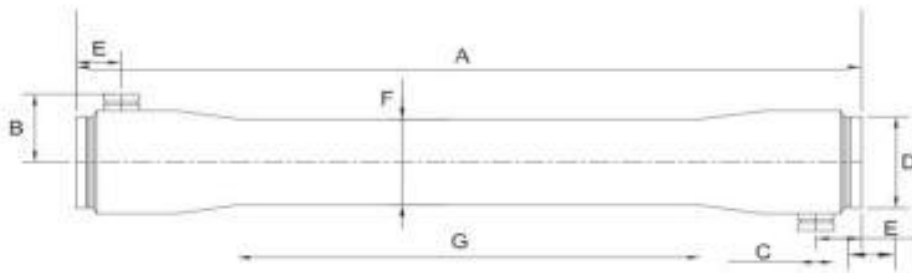
Application Fields

- Landfill leachate
- Material separation: Juice, Beverage
- Industrial wastewater: Coal chemical, Petrochemical wastewater, Pharmaceutical and Fermentation broth clarification
- Semiconductor industry: Grinding wastewater

Operating parameter

| | |
|----------------------------|---------------------------|
| Typical Operating pressure | 43.5-72.5psi (3.0-5.0bar) |
| Max.Operating pressure | 116psi (8.0 bar) |
| Min. Outlet pressure | 10psi (0.7bar) |
| Operating temperature | 40-140°F (5-60°C) |
| Cleaning temperature | 40-104°F (5-40°C) |
| pH -Continuous operation | 2.0-10.0 |
| pH -CIP cleaning | 2.0-12.0 |
| Pressure drop per module | 11-14.5psi(0.75-1.0bar) |

Module dimension



| | | | |
|--|-----------|---|------------|
| A: Module length | 3000mm | B: Distance, permeate port to module center | 125mm |
| C: Permeate connection | 2"/60.3mm | D: Concentrate connection | 6"/168.3mm |
| E: Distance, permeate port to module end | 90mm | F: Module OD | 159mm |
| G: Point of support | 2360mm | Housing material | FRP |



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Design parameter

| | | |
|--------------------------------------|-------------------|--------|
| Circulation pump flow rate reference | m ³ /h | 150 |
| Recommended flow velocity | m/s | 3-5 |
| Design flux | LMH | 60-120 |
| Tolerance of sludge concentration | g/L | 10-40 |
| Energy consumption,per ton of water | kwh | 2-6 |
| Cleaning frequency | week | 2-8 |
| Required filtration particle size | μm | 800 |
| Weight(dry/filled) | kg | 30/80 |

Storage condition:

Store in a cool, dry, sealed and freeze-proof place, can be stored with 1% sodium bisulfite and glycerol.

Service guidance:

The above are the core parameters of HWM-TUF30-63E tubular UF membrane module, covering the key point such as performance, dimensions, materials, compatibility standards,etc., ensuring you have a clear understanding to the basic configuration of the product. Should you have any further questions to the parameters(e.g., adaptability to specific application, or unmentioned specifications), please feel free to contact HOWIE service team, we will provide one-on-one parameter interpretation and technical support to help you accurately determine whether the product meets your requirements.