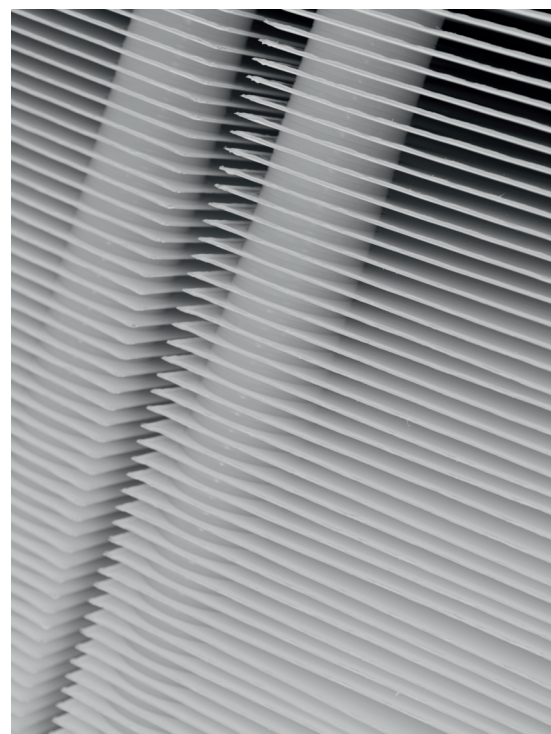


New UV400 High Flux UF MBR Membrane

MANN+HUMMEL Water & Membrane Solutions presents the latest development in Membrane Bioreactor technology.

Discover our new UV400 membrane, offering up to **20% higher average flux** and **40% higher peak flux** compared to the previous generation.



KEY FEATURES

- Specifically developed for **MBR application**
- High clean water **permeability**
- Excellent **mechanical stability**
- High **durability**
- High **chemical resistance**
- Narrow **pore size** distribution
- Excellent **effluent quality** for reuse

UV400 PVDF Ultrafiltration Membrane

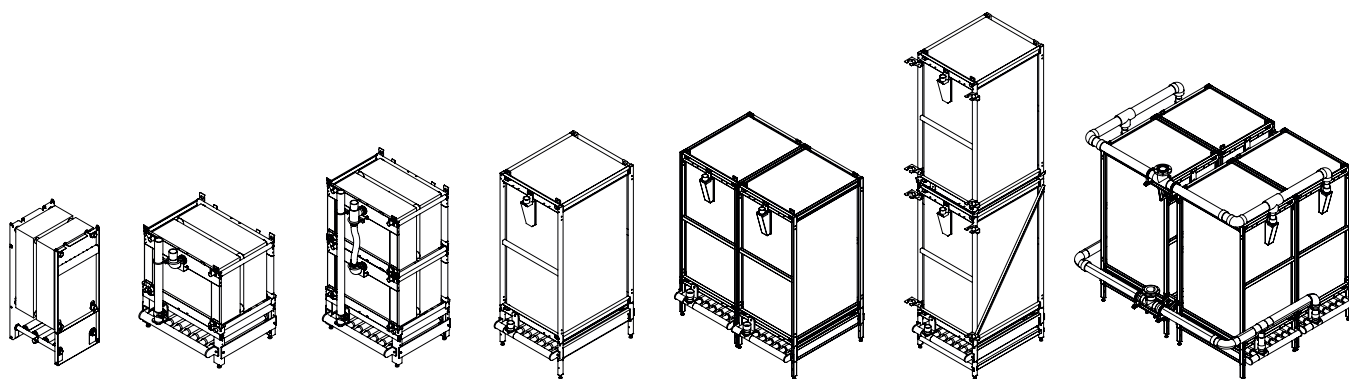
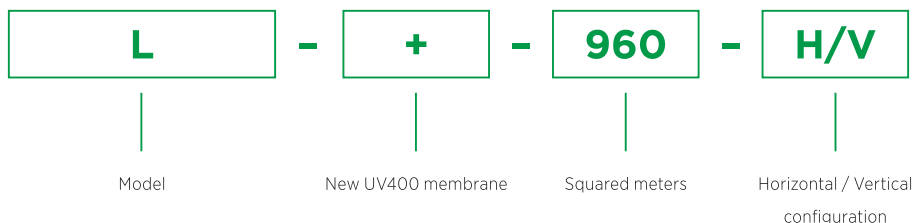
| Membrane chemistry | Nom. Pore Size | Clean Water Permeability |
|-----------------------------|--------------------|-------------------------------|
| Polyvinylidenfluorid (PVDF) | 0.06 μm | >1200 LMH/bar (48 GFD/psi) |

BIO-CEL+ MBR Series Module Configurations

MEMBRANE MATERIAL

- **Polymer:** PVDF
- **Membrane Type:** Ultrafiltration
- **Support Layer:** Polyester
- **Drainage:** Polyester
- **Pore size:** 0.06 µm

DECODING THE PRODUCT NAME



AVAILABLE MODULE TYPES

| Module Type | Membrane Material | Membrane Area [m ²] | Membrane Area [ft ²] | No. of Cassettes | Dimensions [LxWxH, mm] | Dimensions [LxWxH, ft] | Housing Material |
|----------------|-------------------|---------------------------------|----------------------------------|------------------|------------------------|------------------------|------------------|
| EASY+ | PVDF | 50 | 538 | 1 | 682 x 595 x 1428 | 2.24 x 1.95 x 4.69 | Stainless Steel |
| M+100 | PVDF | 100 | 1076 | 1 | 1084 x 1221 x 1328 | 3.56 x 4.01 x 4.36 | Stainless Steel |
| M+200 | PVDF | 200 | 2153 | 2 | 1084 x 1221 x 2122 | 3.56 x 4.01 x 6.96 | Stainless Steel |
| L+480 | PVDF | 480 | 5167 | 1 | 1529 x 1080 x 2731 | 5.02 x 3.54 x 8.96 | Stainless Steel |
| L+960H | PVDF | 960 | 10333 | 2 | 1529 x 2160 x 2731 | 5.02 x 7.09 x 8.96 | Stainless Steel |
| L+960V | PVDF | 960 | 10333 | 2 | 1529 x 1260 x 4921 | 5.02 x 4.13 x 16.15 | Stainless Steel |
| L+1920H | PVDF | 1920 | 20667 | 4 | 2722 x 3160 x 3089 | 8.93 x 10.37 x 10.13 | Stainless Steel |

Note: nominal values

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