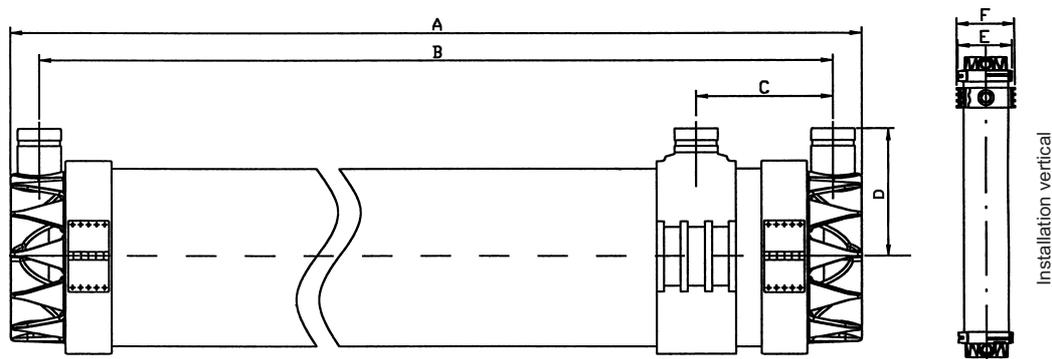


dizzer® 3000

Technical specification

Multibore® ultrafiltration module

dizzer® 5000



Module data

| | | dizzer® 3000 | dizzer® 5000 |
|--------------------------------------------------------------|-----|-------------------|--------------|
| Length (A) | mm | 1180 ±3 | 1680 ±3 |
| Module OD | mm | | 250 |
| Distance feed connectors (B) | mm | 1100 ±3 | 1600 ±3 |
| Distance feed - filtrate connector (C) | mm | | 190 ±1.5 |
| Distance feed - module center axis (D) | mm | | 180 |
| Maximum width end cap coupling (E) | mm | | 305 |
| Maximum width permeate connection (F) | mm | | 326 |
| Connector outer diameter (OD) (flexible Victaulic connector) | | 2" Victaulic | |
| Material | | | |
| Housing | | PVC-U, white | |
| End cap | | PVC-U, grey | |
| End cap coupling | | SS (sealing EPDM) | |
| Max. operation pressure | bar | | 5 |

Multibore® capillaries

| | | |
|-----------------------|----|--------------|
| Capillaries per fibre | | 7 |
| Outer diameter (OD) | mm | 4,3 |
| Inner diameter (ID) | mm | 0,9 |
| Material | | PESM |
| Pore size | µm | approx. 0,02 |
| Active membrane area | m² | 30 50 |

Typical operation parameters

| | | |
|--------------------------------------------------|---------|---------------------------------|
| Operating temperature | °C | max. 40 |
| Applicable pH - range | | |
| During operation | | 3-10 |
| During cleaning | | 1-13 |
| Cleaning/disinfection chemicals | | |
| Free chlorine | | max. 200 ppm or 200.000 ppm x h |
| H ₂ O ₂ (Hydrogenperoxide) | ppm | max. 500 |
| Fluxrate | | |
| During filtration | l/(m²h) | 60-140 |
| During backwash | l/(m²h) | 200-250 |
| Transmembrane Pressure (TMP) | | |
| During filtration | bar | 0,1 - max. 0,8 |
| During backwash | bar | 0,3 - max. 2,5 |
| Burst pressure (Multibore fiber) | bar | >10 |
| Filtrate flow rate | | |
| at 100l/(m²h) | m³/h | 3,0 5,0 |

Weight

| | | | |
|--------------|----|----|----|
| Weight (dry) | kg | 25 | 42 |
|--------------|----|----|----|

Special modules on request. We believe that the above mentioned information is true and correct. Nevertheless, the content of this datasheet might be subject to changes. Make sure to operate the modules according to the "Operation and Maintenance Guidelines inge UF-Modules". Please contact inge AG for further information.