MANN+HUMMEL is the leading global expert for filtration solutions. The company group with its headquarters in Ludwigsburg, Germany, develops solutions for motor cars, industrial applications, clean air in interior spaces and the sustainable use of water. In 2018 the group achieved sales of approx. 4 billion euros worldwide with more than 20,000 employees at more than 80 locations. The products manufactured by the group include air cleaner systems, intake manifold systems, liquid filter systems, plastic components, filter media, cabin filters, industrial filters and membrane filters.

Further information about MANN+HUMMEL is available on our website.

**ProFluid+**

**Performance details**

- Modular scalable filter system for process filtration
- Best in class filtration through pleated filter media
- Small footprint / retrofit possible
- Filter area up to 25 m² per element
- Different fine filter media based on application
- Perfect filtration from beginning dependent on type of process, liquid and dust load
- Filter elements appropriate for backflushing available
- Clean & easy service
- Longer service life
- Cost efficient
- Engineered in Germany
### ProFluid+ PF 15 types

- **Flow direction outside to inside**
- **Inline filter for pressure system up to 7 bar**
- **PTFE media – perfect for backflushing**
- **Pressure housing for 2 filter elements available.**

#### Technical Information of the housing

- **Inner housing**: min Ø 163 mm
- **Tube**: Ø 35 mm
- **Material of housing**: stainless steel 1.4301/1.4404
- **Operating pressure**: 7 bar (at 80°C)
- **Flange DN40 DIN 2633**
- **Pressure sensor connector**: ¼"IG
- **De-aeration connector**: ¼"IG
- **Drain screw bottom side**: ¼"IG

#### ProFluid+ PF 15 types

<table>
<thead>
<tr>
<th>Type</th>
<th>Product name &amp; part number</th>
<th>Media</th>
<th>Efficiency ISO 19438/45418-12</th>
<th>Service life</th>
<th>Filtration area</th>
<th>Dimensions ID/OD/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>ProFluid+ B</td>
<td>PF 15 0392/25 1403972S01</td>
<td>Cellulose</td>
<td>5 µm = 50 % (18 µm = 99 %)</td>
<td>100 %</td>
<td>3.3 m²</td>
<td>Ø 35/Ø 150/410 mm</td>
</tr>
<tr>
<td>ProFluid+ C</td>
<td>PF 15 0490/25 1309827S01</td>
<td>Cellulose</td>
<td>4 µm = 50 % (15 µm = 99 %)</td>
<td>120 %</td>
<td>4.7 m²</td>
<td>Ø 35/Ø 150/410 mm</td>
</tr>
<tr>
<td>ProFluid+ M</td>
<td>PF 15 0390/25 1309987S01</td>
<td>Mixed fiber</td>
<td>2 µm = 50 % (7 µm = 99 %)</td>
<td>170 %</td>
<td>3.3 m²</td>
<td>Ø 35/Ø 150/410 mm</td>
</tr>
<tr>
<td>ProFluid+ T</td>
<td>PF 15 0391/25 1310013S01</td>
<td>PTFE membrane</td>
<td>1 µm = 50 % (3 µm = 99 %)</td>
<td>100 %*</td>
<td>3.3 m²</td>
<td>Ø 35/Ø 150/410 mm</td>
</tr>
</tbody>
</table>

* Backflushing recommended

### ProFluid+ PF 34 types

- **Flow direction inside to outside**
- **Stand-alone solution – no housing needed**
- **Quick connection with Camlock®-adapter**
- **2 filter heights available per type**
- **Up to 25 m² filter area per element**
- **Clean and easy filter exchange with covered dirt**
- **Cost efficient alternative to Precoatfilters**
- **Environmental friendly disposal**

#### Technical Information of the housing

- **Inner housing**: min Ø 163 mm
- **Tube**: Ø 35 mm
- **Material of housing**: stainless steel 1.4301/1.4404
- **Operating pressure**: 7 bar (at 80°C)
- **Flange DN40 DIN 2633**
- **Pressure sensor connector**: ¼"IG
- **De-aeration connector**: ¼"IG
- **Drain screw bottom side**: ¼"IG

#### ProFluid+ PF 34 types

<table>
<thead>
<tr>
<th>Type</th>
<th>Product name &amp; part number</th>
<th>Media</th>
<th>Efficiency ISO 19438/345418-12</th>
<th>Service life</th>
<th>Filtration area</th>
<th>Dimensions ID/OD/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>ProFluid+ B</td>
<td>PF 34 1380/14 1318958S01</td>
<td>Cellulose</td>
<td>5 µm = 50 % (18 µm = 99 %)</td>
<td>100 %</td>
<td>10 m²</td>
<td>Ø 35/Ø 340/450 mm</td>
</tr>
<tr>
<td>ProFluid+ C</td>
<td>PF 34 1381/14 1318958S01</td>
<td>Cellulose</td>
<td>4 µm = 50 % (15 µm = 99 %)</td>
<td>120 %</td>
<td>15 m²</td>
<td>Ø 35/Ø 340/450 mm</td>
</tr>
<tr>
<td>ProFluid+ M</td>
<td>PF 34 1382/14 1318958S01</td>
<td>Cellulose</td>
<td>2 µm = 50 % (7 µm = 99 %)</td>
<td>140 %</td>
<td>15 m²</td>
<td>Ø 35/Ø 340/450 mm</td>
</tr>
<tr>
<td>ProFluid+ S</td>
<td>PF 34 1480/14 1318958S01</td>
<td>Synthetic</td>
<td>1 µm = 50 % (3 µm = 99 %)</td>
<td>160 %</td>
<td>15 m²</td>
<td>Ø 35/Ø 340/450 mm</td>
</tr>
</tbody>
</table>

* Backflushing recommended