Membrane filtration is a well-established solution for today’s brewer. Pentair has decades of experience in the technology with more than 100 Beer Membrane Filtration (BMF) installations worldwide. The use of membranes provides an excellent and consistent beer quality along with a hygienic and environmental-friendly beer filtration process.

To meet the needs of craft and small breweries with an annual output between 10,000 and 100,000 hl, and an hourly capacity from 3-60 hl/h, Pentair offers compact filtration units. Pentair’s BMF can treat beer up to 5 million yeast cells per milliliter, and delivers an easy process with simple start-stop production. The BMF is the ideal solution to filter a wide range of beer types, including full malt or beers with adjuncts, dark beers, low alcohol, or high bitterness.

**APPLICATIONS**
- For filtration in breweries that produce a bright filtered beer
- Easy to integrate into the brewery’s production process
- 3-60 hl/h capacity

**FEATURES**
- Smart processing
- Proven technology
- Standard components
- Uses regenerable membranes

**GENERAL PRODUCT INFORMATION**

**BENEFITS**
- Low beer loss
- Robust process
- Easy maintenance
- No DE handling

**SCOPE OF SUPPLY**
- Skid-mounted unit
- Automated process with touch screen
- Connections for beer inlet, beer outlet, water, de-aerated water (if available), power, air and CO₂
- Electrical cabinet
- Chemical cabinet
- Remote access

**FEATURES**

**BMF COMPACT S PRODUCT RANGE**

<table>
<thead>
<tr>
<th>BMF-18 COMPACT S1</th>
<th>BMF +FLUX COMPACT S4</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAPACITY 3-6 HL/H</td>
<td>CAPACITY 30-60 HL/H</td>
</tr>
<tr>
<td>MEMBRANE MODULE</td>
<td>MEMBRANE MODULE</td>
</tr>
<tr>
<td>1X S-14</td>
<td>4X R-30</td>
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<tr>
<td>FOOTPRINT</td>
<td>FOOTPRINT</td>
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<tr>
<td>2.8 M X 1.2 M</td>
<td>3.5 M X 1.5 M</td>
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PENTAIR WATER PROCESS TECHNOLOGY BY
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