mobile autofilter system
flexible, efficient, reliable

SUEZ offers one of the largest global fleet of versatile, Mobile Autofilter units. Designed for quick deployment and configured to produce a high rate of water filtered from a variety of influent water sources. Units are available for emergency, supplemental, or long-term requirements.

**high flexibility**
- 24/7 on demand rapid deployment of mobile assets to support customer needs
- Can combine with other SUEZ’s mobile water products to enhance system capability
- Low operating risk, easy installation and set up
- Able to regenerate softener resins in place

**InSight* enabled fleet**
- Demand prediction and quicker decisions on equipment performance ensuring optimal performance for our customers
- 24/7 data monitoring platform that is securely stored, processed, and analyzed to create meaningful and actionable information
- Focus on your business while SUEZ takes care of the water

**high treatment capacity with smaller footprint**
- Compact, high capacity fleet allows you to get the most water production with a single fleet
- A highly efficient footprint and layout minimizes infrastructure requirements and cost

**typical applications**
- Pre-treatment for reverse osmosis applications
- Pre-treatment for IX applications
- Removal of TSS and organics for general industrial process water

**Capacity**

<table>
<thead>
<tr>
<th>Model</th>
<th>Feed (m³/h)</th>
<th>Waste Flow (Intermittent) (m³/h)</th>
<th>Media</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 x 5 HF/LF Container</td>
<td>130</td>
<td>40</td>
<td>E2101 or GAC</td>
</tr>
<tr>
<td>6 x 5 Trailer</td>
<td>130</td>
<td>40</td>
<td>E2101 or GAC</td>
</tr>
<tr>
<td>6 x 5 NAM Autofilter</td>
<td>130</td>
<td>40</td>
<td>E2101 or GAC, CAT/AN/MB Resins, Softener Resins</td>
</tr>
<tr>
<td>6 x 5 EU Autofilter</td>
<td>90</td>
<td>35</td>
<td>E2101 or GAC, CAT/AN/MB Resins, Softener Resins</td>
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<tr>
<td>6 x 5 EMEA Autofilter</td>
<td>130</td>
<td>40</td>
<td>E2101 or GAC, CAT/AN/MB Resins, Softener Resins</td>
</tr>
<tr>
<td>3 x 7 Super Filter</td>
<td>205</td>
<td>40</td>
<td>E2101 or GAC</td>
</tr>
<tr>
<td>3 x 7 Wuxi Super Filter</td>
<td>205</td>
<td>40</td>
<td>E2101 or GAC, CAT/AN/MB Resins, Softener Resins</td>
</tr>
<tr>
<td>Filsano Container</td>
<td>60</td>
<td>40</td>
<td>Mixed Media</td>
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</table>

**Performance**

<table>
<thead>
<tr>
<th>Feed water parameters</th>
<th>6 x 5 / 3 x 7</th>
<th>3 x 7 Wuxi</th>
<th>Filsano Container</th>
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</thead>
<tbody>
<tr>
<td>Feed Water Type</td>
<td>Brackish</td>
<td>Brackish</td>
<td>Brackish</td>
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<tr>
<td>Max. turbidity (NTU)</td>
<td>50</td>
<td>10</td>
<td>10</td>
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<tr>
<td>Feed pressure (bar) (max)</td>
<td>6.5</td>
<td>6.8</td>
<td>5</td>
</tr>
<tr>
<td>Water temp. (°C) (min / max)</td>
<td>5/49</td>
<td>0/38</td>
<td>5/35</td>
</tr>
</tbody>
</table>

1. Brackish Water +1000 mg/L chloride
All information is typical, some unit variation possible

Find a contact near you by visiting [www.suezwatertechnologies.com](http://www.suezwatertechnologies.com) and clicking on “Contact Us.”

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additional information

<table>
<thead>
<tr>
<th>Model</th>
<th>6 x 5 HF/LF Container</th>
<th>6 x 5 Trailer</th>
<th>6 x 5 NAM Autobfilter</th>
<th>6 x 5 EU Autobfilter</th>
<th>6 x 5 EMEA Autobfilter</th>
<th>3 x 7 Super Filter</th>
<th>3 x 7 Wuxi Super Filter</th>
<th>Filsano Container</th>
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<tbody>
<tr>
<td>Post-Treatment</td>
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<tr>
<td>Resin Trap</td>
<td>5μm bag</td>
<td>5μm bag</td>
<td>5μm bag</td>
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<td>5μm bag</td>
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<tr>
<td>Vessel Information</td>
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<td>Vessel Diameter</td>
<td>1.5m (5ft)</td>
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<td>Number of Vessels</td>
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<td>Vessel Material</td>
<td>Carbon Steel, Rubber lined</td>
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<tr>
<td>Instrumentation and Control</td>
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<tr>
<td>Product</td>
<td>Flow, Pressure, Turbidity, Conductivity</td>
<td>Flow, Pressure, Turbidity, Conductivity</td>
<td>Flow, Conductivity</td>
<td>Pressure, Turbidity, Conductivity</td>
<td>Flow, Pressure, Turbidity, Conductivity</td>
<td>Flow, Pressure, Turbidity, Conductivity</td>
<td>Flow, Pressure, Conductivity</td>
<td>Pressure, Turbidity</td>
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<tr>
<td>Automation &amp; Control</td>
<td>Automatic timed backwash</td>
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All information is typical, some unit variation possible.

installation & utility requirements

<table>
<thead>
<tr>
<th>Model</th>
<th>6 x 5 HF/LF Container</th>
<th>6 x 5 Trailer</th>
<th>6 x 5 NAM Autobfilter</th>
<th>6 x 5 EU Autobfilter</th>
<th>6 x 5 EMEA Autobfilter</th>
<th>3 x 7 Super Filter</th>
<th>3 x 7 Wuxi Super Filter</th>
<th>Filsano Container</th>
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<tbody>
<tr>
<td>Hydraulic connections</td>
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<td>ANSI 150</td>
<td>ANSI 150</td>
<td>PN 16</td>
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<tr>
<td>Inlet</td>
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<td>6&quot;</td>
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<td>DN 150</td>
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<td>Filtrate Outlet</td>
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<td>DN 150</td>
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<tr>
<td>Brine Inlet</td>
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<td>3&quot;</td>
<td>1&quot;</td>
<td>3&quot;</td>
<td>4&quot;</td>
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<tr>
<td>Backwash Outlet</td>
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<td>4&quot;</td>
<td>3&quot;</td>
<td>3&quot;</td>
<td>3&quot;</td>
<td>4&quot;</td>
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<td>DN 150</td>
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<tr>
<td>External Backwash Source</td>
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<td>-</td>
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<tr>
<td>Power</td>
<td>230VAC, 50Hz, 1PH</td>
<td>230VAC, 50Hz, 1PH</td>
<td>400VAC, 50Hz, 3PH</td>
<td>380-480VAC, 50Hz, 3PH</td>
<td>380-480VAC, 50Hz, 3PH</td>
<td>230VAC, 50Hz, 1PH</td>
<td>380-480VAC, 50Hz, 3PH</td>
<td>230VAC, 50Hz, 1PH</td>
</tr>
<tr>
<td>Panel Breaker Size</td>
<td>32A</td>
<td>32A</td>
<td>1x30A, 1x20A</td>
<td>50A</td>
<td>50A</td>
<td>32A</td>
<td>50A</td>
<td>40A</td>
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<tr>
<td>Dimensions and weights</td>
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<tr>
<td>Type</td>
<td>Container</td>
<td>Trailer</td>
<td>Container</td>
<td>Container</td>
<td>Container</td>
<td>Container</td>
<td>Container</td>
<td>Container</td>
</tr>
<tr>
<td>Size (L x W x H)</td>
<td>12.2m (40ft) x 2.9m (9.5ft) x 2.4m (7.9ft)</td>
<td>13.2m (43ft) x 4m (13.1ft) x 2.4m (7.9ft)</td>
<td>12.2m (40ft) x 2.9m (9.5ft) x 2.4m (7.9ft)</td>
<td>12.2m (40ft) x 2.9m (9.5ft) x 2.4m (7.9ft)</td>
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<td>12.2m (40ft) x 2.9m (9.5ft) x 2.4m (7.9ft)</td>
<td>6.1m (20ft) x 2.6m (8.5ft) x 2.4m (7.9ft)</td>
</tr>
<tr>
<td>Weight in transport</td>
<td>27,000kg (60,000lbs)</td>
<td>41,000kg (90,400lbs)</td>
<td>27,000kg (60,000lbs)</td>
<td>26,310kg (58,600lbs)</td>
<td>26,310kg (58,600lbs)</td>
<td>27,000kg (60,000lbs)</td>
<td>27,000kg (60,000lbs)</td>
<td>16,000kg (35,000lbs)</td>
</tr>
<tr>
<td>Weight in operation</td>
<td>34,000kg (75,000lbs)</td>
<td>30,600kg (67,500lbs)</td>
<td>41,000kg (90,400lbs)</td>
<td>40,825kg (90,000lbs)</td>
<td>40,825kg (90,000lbs)</td>
<td>45,400kg (100,000lbs)</td>
<td>45,400kg (100,000lbs)</td>
<td>22,000kg (48,500lbs)</td>
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<tr>
<td>Reference Number</td>
<td>3064587</td>
<td>3064587</td>
<td>500230A</td>
<td>984973A</td>
<td>501412A</td>
<td>3064595</td>
<td>3882320A</td>
<td>SMUSFIL-18</td>
</tr>
</tbody>
</table>

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