Containerized Water Treatment Systems

10ft, 20ft and 40ft containers

Pure Aqua’s containerized water treatment systems are self contained, turnkey units that can function on-the-go or as a permanent water treatment plant, able to start producing high-quality water in less than a day after arrival on-site. Pure Aqua’s containerized water treatment systems are made to order, meaning that your containerized system will be specifically engineered to meet your water treatment requirements. Each containerized water treatment system is engineered with high-quality components to handle all types of harsh conditions.

Pure Aqua supplies a full line of standard and fully customizable water treatment systems, all of which are engineered using advanced 3D computer modeling and process design software.

Available Options
- 10ft non seaworthy shipping container
- Air conditioning unit
- Differential pressure switch and gauge
- 380-415V/3ph/50Hz power supply
- 220 or 460V/3ph/60Hz power supply
- Diamond plate flooring
- Insulation for temperature control
- 20ft or 40ft standard shipping container
- Centralized external connections
- Interconnecting piping and wiring
- Overhead lighting
- 110V/1ph/60Hz power supply
- Pretreatment mounting and plumbing
- Centralized control panels
- Operation and maintenance manual
- Full 3D/2D CAD drawings

For more information, please refer to our MF data sheets

5 x 100 GPM containerized activated carbon filtration system in 40ft container

MLF-84A MLF-48A-F MLF-42A-SS
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Digital Stager
The digital stager can use air or water to actuate the control valves. PLC control is optional.

Vacuum Breaker
The vacuum breakers protect the tank and face piping during operation by preventing negative pressure in the tank.

DP Switch
The differential pressure gauge and switch are used to automatically initiate backwash.

Filter Media Types
Pure Aqua supplies a wide range of quality filter media that meet industry standards for efficient and effective filtration.

Coarse Gravel  Fine Gravel  Coconut Carbon Media  Silica Sand  Anthracite Media

Weights and Dimensions

<table>
<thead>
<tr>
<th>Container Specification</th>
<th>Non Insulated Container</th>
<th>Insulated Container</th>
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<tbody>
<tr>
<td></td>
<td>10ft</td>
<td>20ft</td>
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<tr>
<td>External length (in)</td>
<td>120</td>
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<tr>
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<td>96</td>
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<tr>
<td>External height (in)</td>
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<tr>
<td>Internal length (in)</td>
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<td>Internal width (in)</td>
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<tr>
<td>Internal height (in)</td>
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<td>Tare weight (lbs)</td>
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<tr>
<td>Max shipping weight (lbs)</td>
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<tr>
<td>Access</td>
<td>1 double-door</td>
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Operation Specifications
- Max. feed water temperature: 42°C
- Feed water pressure: 30 to 70 psi
- Operating pressure: 35 to 100 psi
- Class 150 ANSI flanges or NPT threaded connection

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