The WasteWizard system is a compact, fully-integrated system for point-of-use recycling. The system comes complete with its own fluid transfer system that automatically exchanges the dirty cleaner from the washer with recycled cleaner. The WasteWizard system sits on a standard 55 gallon (200 L) drum or optional 100 gallon (380 L) tank for convenient waste disposal once the oil and solids have been concentrated to a high level.

### Features and Benefits

The Osmonics® WasteWizard® system is a revolutionary new filtration technology for recycling of aqueous cleaner baths, mass finishing compounds, mopwater and certain other water-based industrial fluids. Designed as a low maintenance, point-of-use device for the factory floor, the WasteWizard system employs a patented process to filter out and collect the soils that reduce the useful life of these valuable fluids.

- Re-purifies for reuse up to 85% of spent cleaners and coolants.
- Drastically lowers disposal cost. Reduces oily waste generated by up to 99%.
- Minimal operator attention.
- Simple to use self-contained design.
- Smart Diagnostics self control the unit under varying conditions.
- No pre-filtration; made to handle high solids.
- Automatic cleaning cycles via programmed permeate shut off.
- Low cost, easy installation. Simple plug in and run design.
- Small footprint, fits in 55 gal (200 L) drum.
- Made for point-of-use simplicity.
- Reliability: Over 1000 WasteWizard units on line today.
- Patented Osmonics UltraFilic® membranes assure highest output.

### Applications

The WasteWizard system’s ability to recycle cleaners and finishing compounds continuously is unparalleled and can save many thousands of dollars in chemical usage, labor, waste processing and hauling. In addition, WasteWizard system recycled fluids will save on product rework costs by improving cleaning/finishing quality and consistency that typically go off-spec as the oil and dirt contaminants build up in the process sump.

- Aqueous Cleaner Recycling
- Vibratory Compound Recycling
- Mop Water Recycling
- Synthetic Coolant Recycling

### No Filtration vs. Continuous Filtration

![Graph showing process variation without and with WasteWizard](image)
**Approximate Dry Weight**

- 1 stack – 196 lbs (89 kgs)
- 2 stack – 200 lbs (91 kgs)
- 3 stack – 204 lbs (93 kgs)
- 5 stack – 241 lbs (110 kgs)

Boxed dimension for all machines:
25" x 25½" x 45½" (63.5 x 65 x 115.5 cm)

**Electrical Requirements**

<table>
<thead>
<tr>
<th>Model</th>
<th>Power</th>
<th>GPD Permeate at 77°F</th>
<th>m³ per day at 25°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>WW-1</td>
<td>120 Volts (13.5 AMPS) 1-Phase 60 Hz</td>
<td>100</td>
<td>0.38</td>
</tr>
<tr>
<td>WW-2</td>
<td>480 Volts (3.5 AMPS) 3-Phase 60 Hz</td>
<td>200</td>
<td>0.76</td>
</tr>
<tr>
<td>WW-3</td>
<td>230 Volts (7.6 AMPS) 3-Phase 50 Hz</td>
<td>300</td>
<td>1.14</td>
</tr>
<tr>
<td>WW-4</td>
<td>400 Volts (4.3 AMPS) 3-Phase 50 Hz</td>
<td>400</td>
<td>1.51</td>
</tr>
<tr>
<td>WW-5</td>
<td>400 Volts (2.4 AMPS) 3-Phase 50 Hz</td>
<td>500</td>
<td>1.89</td>
</tr>
</tbody>
</table>

**General Specifications**

- Maximum Temperature is 170°F (76°C)
- pH Range is 2-11

---

Lenntech
info@lenntech.com  Tel. +31-152-610-900
www.lenntech.com  Fax. +31-152-616-289

---