The Scraped Hot/Cold Water Evaporator is a fully automated, compact, skid mounted treatment system that allows extreme recovery of wastewater stream for recycling, concentrating contaminants into a slurry with water content less than 15%. The system creates a vacuum in a boiling chamber, reducing the boiling temperature to approximately 104°F, thereby allowing efficient and cost effective separation of water from other contaminants. Semi-continuous, reliable, and efficient automatic operation on a 24/7 basis is achieved using existing facility hot and cold water loops for boiling and condensation, often in cogeneration applications. Separates oils, salts, and other organic and inorganic compounds from wastewater into solid or semi-solid concentrate.

**Specifications:**
- 792 to 10,567 gallon per day models available
- Extremely low operating costs when used in cogeneration applications
- Skid mounted design, ready to install
- Factory-piped, wired, and tested before shipment

**Standard Features**
- NEMA 4 powder coated steel control panel
- Siemens PLC-based control system with color touchscreen HMI
- Stainless steel frame with weather-resistant panels
- 316L, Superduplex 2507, or Hastelloy C22 critical wetted components
- 316L and polypropylene non-critical wetted components
- Connections for facility hot and cold water supplies
- Automatic anti-foam injection

**Optional Features**
- Pre- and post-treatment systems
- Storage tanks for process liquids
- pH adjustment of distillate
- Bactericide metering
- Concentrate transfer pumps
- Distillate transfer pumps
- Distillate conductivity meter
- Automatic chemical washing
- Custom configurations by request
### ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Capacity (Choose One)</th>
<th>Wetted Material (Choose One)</th>
<th>Power Requirements (Choose One)</th>
</tr>
</thead>
<tbody>
<tr>
<td>800 792 Gallons per Day</td>
<td>AA 316L Stainless Steel</td>
<td>3A 208 VAC / 3 / 60 Hz</td>
</tr>
<tr>
<td>1600 1,585 Gallons per Day</td>
<td>FF Superduplex 2507</td>
<td>3B 230 VAC / 3 / 60 Hz</td>
</tr>
<tr>
<td>11000 10,567 Gallons per Day</td>
<td>HH Hastelloy C22</td>
<td>4 460 VAC / 3 / 60 Hz</td>
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</table>

### Example Part Number

<table>
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<tr>
<th>AC RW</th>
<th>Capacity</th>
<th>Wetted Material</th>
<th>Power Requirement</th>
<th>Part Number</th>
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<tbody>
<tr>
<td>AC RW800 AA 4</td>
<td>800 Gallons per Day</td>
<td>316L Stainless Steel</td>
<td>208 VAC / 3 / 60 Hz</td>
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<td>AC RW1600 FF 3B</td>
<td>1600 Gallons per Day</td>
<td>Superduplex 2507</td>
<td>230 VAC / 3 / 60 Hz</td>
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</tr>
</tbody>
</table>

Specifications subject to change without notice

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