The F-300 series is an economical solution to solvent precision cleaning applications. A typical process includes immersion in the latest ultrasonic technology with ceramically enhanced transducers that produces unrivalled cleaning with HFC, HFE, NPB, and HCFC solvents.

**FEATURES**

- Solvent immersion tank with patented Crest 40, 58 132, or 192kHz ultrasonics
- Closed-Loop Hot Water Heating of Solvent and Vapor
- Dual compressor refrigeration
- PLC control with automation capability
- 120% freeboard ratio to limit solvent consumption
- True Superheat™ For Rapid Part Drying
- Recirculation with cartridge filtration
- Two gravity water separators with molecular sieve capability
- Compact footprint for easy integration in production flow
- Manual downtime cover
- Stainless steel condenser and chiller coils to avoid corrosion
- Stainless steel process tanks with bright annealed finish
- Solvent cool down mode to minimize solvent loss
F-300 Series
Open Top Solvent Cleaning Systems

<table>
<thead>
<tr>
<th>Model</th>
<th>Size</th>
<th>Distillation Rate</th>
<th>Heat</th>
<th>Load Capacity</th>
<th>Solvent Capacity</th>
<th>Electrical Requirements</th>
<th>Cooling Water Requirements</th>
<th>Ultrasonics</th>
</tr>
</thead>
<tbody>
<tr>
<td>F-300-1812</td>
<td>18 x 12</td>
<td>13</td>
<td>7.5</td>
<td>600</td>
<td>37</td>
<td>208V - 3 PH - 60A</td>
<td>6 GPM @ 85 °F</td>
<td>40, 58, 132, 192 kHz - 2000W</td>
</tr>
<tr>
<td>F-300-2016</td>
<td>20 x 16</td>
<td>25</td>
<td>15</td>
<td>900</td>
<td>70</td>
<td>480V - 3 PH - 70A</td>
<td>12 GPM @ 85 °F</td>
<td>40, 58, 132, 192 kHz - 3000W</td>
</tr>
<tr>
<td>F-300-2420</td>
<td>24 x 20</td>
<td>37</td>
<td>24</td>
<td>1230</td>
<td>100</td>
<td>480V - 3 PH - 100A</td>
<td>15 GPM @ 85 °F</td>
<td>40, 58, 132, 192 kHz - 4000W</td>
</tr>
</tbody>
</table>

The F-300 series is ideal for removing residues like films, fingerprints, greases, mold releases, oils, etc. Applications can be found in most industrial domains.

Safety
- Refrigeration temperature monitoring
- Boiling tank over temperature signal with solvent replacement warning
- Extended freeboard volume
- Boiling tank low level control
- Vapor level control with reset

Options
- Desiccant water removal
- Baskets
- Parallel Automated transport system
- Powered cover
- Upper enclosure
- Chillers available

ADVANTAGES
- Wash, rinse, and dry with a spot free finish in one compact unit
- Smaller footprint and faster cycle times than aqueous systems
- No water consumption or wastewater treatment required
- No exhaust required

F-300 Series System Layout