Easy maintenance
- Spray wand for additional cleaning
- Excellent solvent containment & NESHAP Compliant
- Reduced Solvent & Operating Costs
- Compatible with variety of solvents
- 120% Freeboard
- Optional Ground-Load or Top-Load Basket Handling System Available

Manufactured in the USA by:

Reliance Specialty Products, Inc.
855 Morse Ave. Elk Grove Village, IL 60007
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Please Call for a Price Quote
(847) 640-8923

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Model 2216LE
Ultrasonic Vapor Degreasing System
w/Optional Automated Basket Handling System

DIMENSIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ultrasonic Cleaning Tank</td>
<td>22”L x 16”W x 16” Deep</td>
</tr>
<tr>
<td>Vapor Cleaning Zone</td>
<td>44”L x 16”W x 15” Deep</td>
</tr>
<tr>
<td>Boil Tank</td>
<td>22”L x 16”W</td>
</tr>
<tr>
<td>Footprint Dimensions (without casters)</td>
<td>68”L x 72”W x 65” High</td>
</tr>
</tbody>
</table>

FEATURES

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ultrasonic Cleaning</td>
<td>1000 Watts of Power at 40 kHz Field replaceable components. Adjustable Power and Sweep.</td>
</tr>
<tr>
<td>Vapor Cleaning</td>
<td>Vapor Cleaning Zone above Boil Tank and Ultrasonic Tank</td>
</tr>
<tr>
<td>Spray Cleaning</td>
<td>Hand Spray Wand and Large Spray Reserve Tank</td>
</tr>
<tr>
<td>Filtration of Ultrasonic Tank</td>
<td>Continuous Filtration</td>
</tr>
<tr>
<td>Boil Tank Access Door</td>
<td>“Easy Ring” Door System</td>
</tr>
<tr>
<td>Ultrasonic Tank Access Door</td>
<td>“Easy Ring” Door System</td>
</tr>
</tbody>
</table>

SOLVENT CONTAINMENT

<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>NESHAP Compliant Features</td>
<td>Yes</td>
</tr>
<tr>
<td>Primary Condensing Coil</td>
<td>Refrigerated Stainless Steel</td>
</tr>
<tr>
<td>Low-Temp Freeboard Condensation Coil</td>
<td>Refrigerated Finned Stainless Steel operating at -10F to -20F</td>
</tr>
<tr>
<td>Freeboard Ratio</td>
<td>120%</td>
</tr>
<tr>
<td>Horizontal Slide Lid</td>
<td>Manual or Automated</td>
</tr>
<tr>
<td>Watlow Solvent Safety and Temperature Controls</td>
<td>HTC, LTC, SVC, VU, RT and Low-Level Float</td>
</tr>
<tr>
<td>Monitoring Vapor Degreaser’s Correct Operating Condition</td>
<td>Comprehensive Indicator Light System and Temperature Displays</td>
</tr>
</tbody>
</table>

AUTOMATED PART CLEANING

Automated Basket Handling System
Yes—Optional Ground Load or Top Load

OPERATING REQUIREMENTS

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvent Operating Requirement</td>
<td>46 Gallons</td>
</tr>
<tr>
<td>Typical Electrical Service</td>
<td>208V or 240V / 3 Phase</td>
</tr>
</tbody>
</table>
ULTRA 2216LE Low Emission Features

- **NESHAP COMPLIANT** — Vapor Degreasing System
- **Solid Stainless Steel Construction** — Heavy Gauge 304 Stainless Steel used on tank, water separator, spray reserve tank, primary coil, low-temperature coil, lid system, tank access doors and tank fittings.
- **Stainless Steel Primary Condensing Coil** — New Copeland refrigeration system operating with standard R134A refrigerant.
- **Sub-Zero Temperature Condensing Coil** — Finned stainless steel condensation coil with Copeland R404A refrigeration operating to approximately -20°F thus broadening the height of the solvent flash-off dwell zone for enhanced solvent containment.
- **Foot Activated Spray Lance System** — Mag-drive pump with distillate spray reservoir with “Vapor Up Safety Control” which requires presence of vapor to permit operation of spray wand.
- **High Volume Condensate Water Separator** — feeding spray reservoir
- **Ultrasonic Power** — 1000 Watts @ 40 kHz — field replaceable submersible transducers and plug in external ultrasonic generator for easy servicing. Provides for both input adjustment & sweep frequency adjustment.
- **Ultrasonic Immersion Sump Filtration** and recirculation system with mag-drive pump.
- **Low-Level Float Safety System** — Ensures the minimum amount of solvent present in boil sump for proper system operation.
- **Digital Display Safety Control Panel with WATLOW Temperature Limit Controls** — Digital display on Control Panel: temperature set point as well as actual temperature SVC (Safety Vapor Control), HTC (High Temperature Control), LTC (Liquid Temperature Control) and RT (Refrigeration Temperature Control)
- **Comprehensive Indicator Light System on Control Panel** — Includes solvent low level float fault indicator lights (for easy identification of operating fault conditions). “Spray Ready” indicator light and zero coil “Defrost” indicator light, illuminated on/off switches for easy identification of system condition “Heat”, “Filtration”, Main Power", “Refrigeration” and “Low-Temp Refrigeration”.
- **Horizontal Slide Lid** — for solvent containment. Optional power roll-top available.
- **Simple In & Out Electric Immersion Heater** — “Screw-In” Type Elements for easy replacement.
- **Two Sump Access “Easy Ring” Clean-Out Doors** — Boil Sump & Immersion Sump access for ease of maintenance though clean-out door rather than over the tank top.
- **One (1) stainless steel workbasket**
- **Comprehensive 1-Year Manufacturer’s Warranty**
- **ULTRA 2216LE Operator’s Manual**

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AUTOMATED BASKET HANDLING SYSTEMS
with Touch Screen Controls

Features

- **Horizontal & Vertical Travel**—Position and length of dwell is PLC controlled.

- **Multiple Saved Part Processing Recipes** - PLC Controller allows up to 30 separate part cleaning cycles.

- **Safety and Vapor Degreaser Operating Interlocks** – Prevents automatic operation: if lid is not open, if heat is not operating, if system is not in full vapor reflux, or if there is lift operating system default.

- **Vapor Containment Enclosure** - 3 side transparent enclosure on horizontal surfaces for viewing of tank operation and mechanical components.

Horizontal-Vertical Lift (HVL) Systems

- **NESHAP Compliant Features:**
  Minimizes worker solvent exposure & enhances solvent containment;

- **Labor Cost Savings:** Reduces or eliminates operator processing time;

- **Consistency:** Ensures each part cleaned to the same processing specification;

- **Customizable:** Create & select between 30 different part-cleaning recipes for different part-type processing.

VaporDegreasingEquipment.com

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Ground Load

Part Basket 18” L x 13” W x 4” H

Top Load
**ULTRA 2216LE: Compatible with Non-Flammable Solvents**

- **Simple Change over** — The ULTRA 2216LE is engineered to be compatible with a variety of solvents and in most cases a simple clean out and change of temperature settings is all that is required.

- **>100% Freeboard** — helps with vapor containment — so using chlorinated solvents like TCE, TCA, MCL and PERC is still possible.

- **Sub-Zero refrigeration coil** — in addition to the primary refrigeration system, makes using brominated solvents like GenTech, EnTron & EnTron-Aero or fluorinated solvents such as AeroTron an economical alternative.

- **Manual or Automated Slide-Lid** — provides additional solvent containment for the new generation of fluorinated solvents like AeroTron and helps reduce evaporation.

**Benefits of Working with Reliance:**

**Manufacture of Solvents & Equipment**

- **Comprehensive Vapor Degreasing Solution Provider** — Reliance is the only industry player that manufactures both vapor degreasing solvent and vapor degreasing equipment. Our vapor degreasing equipment manufacturing expertise combined with our years of working with a variety of solvent cleaning processes make us able to support our customers in a variety of practical ways.

- **Years of experience.** A unique history of developing solvents and manufacturing vapor degreasing equipment for precision aerospace, electronics and optics customers.

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