



ULTRA™

Model VS-4416LE

Vapor with Spray Degreasing System

- Large Vapor Zone
- 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.
154 Easy Street, Carol Stream, IL 60188
phone: 847.640.8923 Fax: 47.640.8974

DIMENSIONS	
Vapor Cleaning Zone	44" L x 16" W x 32" Deep
Boil Tank	44" L x 16" W
Footprint Dimensions (without casters)	68" L x 72" W x 65" High
FEATURES	
Vapor Cleaning	Vapor Cleaning Zone above Boil Tank and Ultrasonic Tank
Spray Cleaning	Hand Spray Wand and Large Spray Reserve Tank
Boil Tank Access Door	Two (2) "Easy Ring" Clean-out Access Doors on Front of Tank
SOLVENT CONTAINMENT	
NESHAP Compliant Features	Yes
Primary Condensing Coil	Refrigerated Stainless Steel
Low-Temp Freeboard Condensation Coil	Refrigerated Finned Stainless Steel operating at -10F to -20F
Freeboard Ratio	120%
Horizontal Slide Lid	Manual or Automated
Watlow Solvent Safety and Temperature Controls	HTC, LTC, SVC, VU, RT and Low-Level Float
Monitoring Vapor Degreaser's Correct Operating Condition	Comprehensive Indicator Light System and Temperature Displays
AUTOMATED PART CLEANING	
Automated Basket Handling System	Yes— <i>Optional</i> Ground Load or Top Load
OPERATING REQUIREMENTS	
Solvent Operating Requirement	56 Gallons
Typical Electrical Service	208V or 240V / 3 Phase

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**Please Call for a Price Quote
(847) 640-8923**

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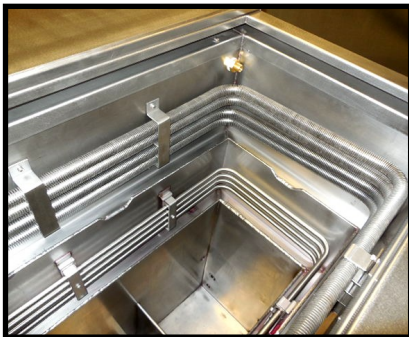
ULTRA™

- Reliability
- Simplicity
- Quality

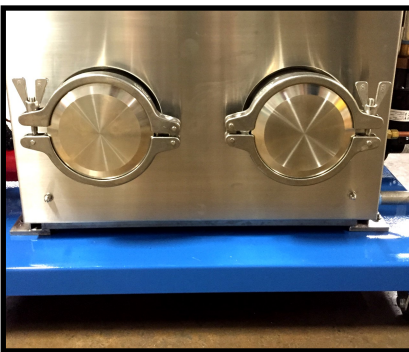
State-of-the-Art Cleaning Performance



Foot Activated Spray Lance System



Primary & Sub-Zero Coils running standard refrigerant



Clean out doors on both the Boil Side & Immersion Side

ULTRA 4416LE 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 -20F 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
- **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 through clean-out door rather than over the tank top.
- **Comprehensive 1-Year Manufacturer’s Warranty**
- **ULTRA Operator’s Manual**


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Vapor Degreasing & Solvent Cleaning Experts

ULTRA 4416LE: Compatible with Non-Flammable Solvents

- ◆ **Simple Change over** — The ULTRA 4416LE 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.



nPB Solvent for General
Metal Finishing



Boeing Approved nPB Solvent



Fluorinated Solvent for Precision
Vapor Degreasing

Benefits of Working with Reliance: Manufacturer 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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