



Model VS-2 (2418)

**Vapor and Spray Degreasing System
w/ Optional Automated Basket Handling System**



- Easy maintenance
- Spray wand for additional cleaning
- Excellent solvent containment & NESHAP Compliant
- Reduced Solvent & Operating Costs
- Small Foot-Print
- On Casters for mobility
- Compatible with variety of solvents
- >100% Freeboard

DIMENSIONS	
Vapor Cleaning Zone	24" L x 18" W x 20" Deep
Boil Tank	24" L x 18" W
Footprint Dimensions (without casters)	51" L x 48" W x 62" Tall
FEATURES	
Vapor Cleaning	Vapor Cleaning Zone above Boil Tank
Spray Cleaning	Hand Spray Wand and Large Spray Reserve Tank
Two Boil Tank Access Door	"Easy Ring" Clean out Door System
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	>100%
Horizontal Slide Lid	Manual
Watlow Solvent Safety and Temperature Controls	HTC, LTC, SVC, VU, RT and Low-Level Float
Monitoring of Vapor Degreaser's Correct Operating Condition	Comprehensive Indicator Light System and Temperature Displays
AUTOMATED PART CLEANING	
Automated Basket Handling System (BHE)	Yes—Optional
OPERATING REQUIREMENTS	
Solvent Operating Requirement	17 Gallons
Typical Electrical Service	208V or 240V / 1 Phase

Manufactured in the USA by:



RELSPEC.com

Reliance Specialty Products, Inc.
154 Easy Street, Carol Stream, IL 60188
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**Please Call for a Price Quote
(847) 640-8923**

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State-of-the-Art Cleaning Performance

ULTRA VS-2 (2418) Low Emission Features



Foot Activated Spray Lance System



Primary & Sub-Zero Coils running standard refrigerant



Simple Control Safety Panel

- **NESHAP COMPLIANT** — Vapor Degreasing System
- **Solid Tank Construction** — Heavy Gauge 304 Stainless Steel
- **Stainless Steel Primary Condensing Coil** — New Copeland refrigeration system operating with R134A refrigerant
- **Sub-Zero Temperature Condensing Coil** — Finned stainless steel with Copeland R404A refrigeration system operating to approximately -20F to supplement primary condensation system. Includes defrost cycle, low-temperature condensing coil with condensate trough
- **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
- **Digital Display Safety Control Panel** — including HTC, LTC, SVC, VU, RT
- **WATLOW Temperature Safety Limit Controls** with 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)
- **Solvent Low-Level Float Safety**
- **Control panel** with 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”
- **Manual Horizontal Slide Lid** — for solvent containment
- **Casters** — for easy movement
- **Electric Immersion heat** — “Screw-In” Type Elements for easy replacement
- **Two Sump Access Clean-Out Doors** — Two Boil Sump access or ease of maintenance though the clean-out door rather than over the tank top
- **One (1) stainless steel workbasket**
- **Comprehensive 1-Year Manufacturer’s Warranty**
- **ULTRA VS-2 (2418) Operator’s Manual**



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ULTRA™

ULTRA VS-2 (2418)LE Benefits

- **Simple engineering** and stoutness of design for durability and ease-of-maintenance
- **Excellent training**— start-up, shut down, maintenance and good solvent cleaning work practices
- **Easy to support in the field** with accessible heating elements, clear temperature read-outs, sophisticated indicator light system, and updated refrigeration systems using standard refrigerant
- **Cost effective** operation and maintenance
- **Compact** footprint
- **Effective** with a variety of non-flammable solvents, including chlorinated, brominated & fluorinated
- **State-of-the-art** engineering based on a best practices for simplicity, field supportability and reliability
- **Minimal Solvent Emissions & Reduced Operating Costs** due to NESHAP compliant coils



**Optional Vertical Basket Handling System
for loads up to 35 lbs.**



**ULTRA VS-2 (2418)LE—Electrical Panel with
sophisticated temperature display &
indicator light system**

Options

- Increased tank depth for increased vapor zone
- Electric horizontal slide lid
- Additional baskets
- Solvent Containment Spill Tray
- Choice of vapor degreasing solvent including *EnTron*, *EnTron-Aero*, *GenTech* & *AeroTron*
- Automated Vertical Basket Handling System

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Vapor Degreasing & Solvent Cleaning Experts

ULTRA VS-2 (2418)LE Compatible with Non-Flammable Solvents

- ◆ **Simple Change over** — The ULTRA VS-2 (2418) 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.
- ◆ **120% 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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