



- ◆ Distills 60 or 90 Gallons of Solvent / Hour
- ◆ Automated Continuous Operation with ULTRA Vapor Degreasers
- ◆ Increases Solvent Usage
- ◆ Elevated for easy solvent transfer to vapor degreaser or waste drum
- ◆ Excellent Solvent Containment
- ◆ Small Foot-Print
- ◆ Compatible with Variety of Solvents
- ◆ Reduces Solvent Costs

Manufactured in the USA by:



State-of-the-Art Cleaning Performance

## Distillation System

## DS-60-W & DS-90-W

(External Chiller-Cooled Primary)

DIMENSIONS	
<b>Distillation Capacity</b>	<b>60 or 90 gallons per hour</b>
<b>Footprint Dimensions</b>	<b>40" Lx 40" W x 75" High</b>
Typical Solvent Fill	60—90 Gallons
FEATURES	
NESHAP Compliant Features	Yes
>100% freeboard	Yes
Light Weight Lift-Off Lid	Yes
High Volume Water Separator	Yes
Primary Refrigeration	Copeland with Stainless Steel Coil
Float System for Automated Operation	High & Low Level Float for Automatic Filling
Watlow Safety Limit Controls	HTC—High Temp control LTC —Liquid Temp Control SVC—Safety Vapor Control WTC—Water Temp Control
Overfill Safety Control	Yes
Operator Lock-Out of Control	Yes
Large Maintenance Clean Out Door	Yes
OPERATING REQUIREMENTS	
Electric Immersion Heaters	18,000 Watts for DS-60 24,000 Watts for DS-90
Chiller Capacity Required	10 tons
Typical Electrical	240V, 208 or 460V/ 3 PH

# RELSPEC.com

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 Carol Stream, IL 60188  
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**Please Call for a Price Quote  
 (847) 640-8923**



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## ULTRA DS-60-W or DS-90-W Distillation Systems

- **Automated Continuous Operation:** Solvent Transfer Pump Activated by High and Low Level Float for Continuous Automatic Filling of the Vapor Degreaser.
- **Automated Distillation from Solvent Drum:** Use to distill Solvent stored in a drum.
- **Water Cooled Primary Condensation Coil:** Distillation System can be serviced by facility chilled water, public water supply or a re-circulating chiller (minimum capacity needed—10 tons).
- **High Volume Water Separator:** High volume water separator. Sight-glass at discharge for viewing of solvent discharge flow and flow rate.
- **Float System for Automated Operation:** High and Low Level Float System for automatic filling of Distillation System.
- **Low-Level Prevention:** Low-level float and HTC Control to ensure sufficient minimum solvent level for optimum operation.
- **WATLOW Safety Limit Controls:** Safety controls display both *Set-point* and actual temperature readings for each Safety Control providing efficient assessment of operating conditions in degreaser and easy diagnosis of safety failures.
- **Operator Lock-Out of Control Settings:** Watlow Controls allow for operator lock-out of changing of control setting.
- **Elevated Tank:** Elevated distillation tank provides ease of tank interior maintenance and facilitates discharge of distillate directly in to solvent storage drum for batch operations.
- **Large Tank Maintenance Clean-Out Door**
- **Easy Heating Element Maintenance:** Elements are connected to the clean-out door instead of mounted to the bottom of the tank. Power is easily disconnected via plug from electrical control box.
- **Comprehensive 1-Year Manufacturer's Warranty**
- **Operator's Manual**



Simple Control Safety Panel



Primary Refrigeration Coils



High volume water separator

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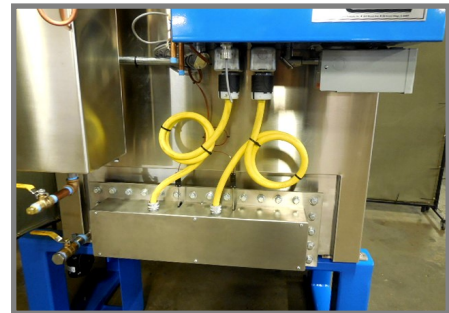
- **Reliability**
- **Simplicity**
- **Quality**

## ULTRA DS-60-W & DS-90-W Benefits

- **Seamlessly Integrated Operation with all ULTRA Vapor Degreasing systems** for continuous operation
- **Simple engineering** and stoutness of design for durability and ease-of-maintenance
- **Excellent training** including start-up, shut down, maintenance and good solvent distillation 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**

## Options

- Optional Upgrade to Self Priming Pump for Automated Continuous Operation
- Optional Power Still Bottom Pump-out Feature
- Optional Insulated Tank Walls with Stainless Steel Sheathing:
- Optional Distillation System Filtration
- Optional Stainless Steel Spill Containment Tray
- Choice of vapor degreasing solvent including *EnTron, EnTron-Aero, GenTech & AeroTron*



Replaceable Heating Elements screw into clean out door

Manufactured in the USA



## 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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