



- ◆ Distills 20 or 30 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 Non-Flammable Solvents
- ◆ Reduces Solvent Costs

Manufactured in the USA by:



Reliance Specialty Products, Inc.
 154 Easy Street, Carol Stream, IL 60188
 Phone: 847.640.8923 Fax: 847.640.8974



State-of-the-Art Cleaning Performance

Distillation System

DS-20-W & DS-30-W

(External Chiller-Cooled Primary)

DIMENSIONS	
Distillation Capacity	20 or 30 gallons / hour
Footprint Dimensions	48" Lx 43" W x 80" High
Typical Solvent Fill	20 to 30 gallons
FEATURES	
NESHAP Compliant Features	Yes
>100% freeboard	Yes
Light Weight Lift-Off Lid	Yes
High Volume Water Separator	Yes
Primary Refrigeration	External Chiller cooled Stainless Steel Coils
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	9,000 Watts for DS-20 9,000 Watts for DS-30
Chiller Capacity Required (Minimum)	5 tons
Typical Electrical	240V, 208 or 460V / 3 PH

RELSPEC.com

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

©Reliance Specialty Products, Inc. 2011-2021



State-of-the-Art Cleaning Performance

ULTRA DS-20-W or DS-30-W Distillation Systems

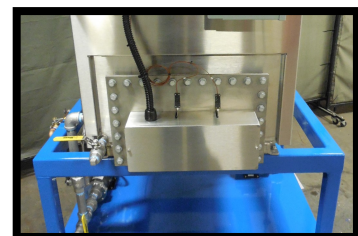
- **Automated Continuous Operation:** Solvent Transfer Pump Activated by High and Low Level Float for Continuous Automatic Filling of the Vapor Degreaser.
- **Automated Distillation from a Solvent Drum:** Use to distill Solvent stored in a drum.
- **Water Cooled Primary Condensation Coil:** Distillation System can be serviced by facility chilled water, public water supply or a re-circulating chiller (minimum capacity needed —5 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



Large Clean-Out Door with Installed Heating Elements

RELSPEC.com

(847) 640-8923

Reliance
Specialty Products, Inc.



- Reliability
- Simplicity
- Quality

State-of-the-Art Cleaning Performance

ULTRA DS-20-W or DS-30-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 system 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*

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.



Reliance Specialty Products, Inc.
154 Easy Street, Carol Stream, IL 60188
Phone: 847.640.8923 • Fax: 847.640.8974

RELSPEC.com

©Reliance Specialty Products, Inc. 2011-2021
Doc. 2005-1