



"D" SERIES – Ultrasonic Vapor Degreasers

Continuing the Sonikor forty year traditions of quality, performance and reliability, The Sonikor "D" series combines the rugged durability of Sonikor ultrasonic technology with state-of-the art emissions control and safety features, to produce a line of vapor degreasing systems that are preferred by hundreds of customers worldwide.

All Sonikor vapor degreaser are designed with the flexibility to operate safely with a wide range of non-flammable degreasing solvents. Every Sonikor degreaser includes control features and emissions limiting features to ensure operator safety and compliance with applicable regulations.



**Sonikor model CUDR-50Z
Ultrasonic Vapor degreaser**

Sonikor "D" series vapor degreasers are offered in six standard sizes, and four basic process configurations:

SERIES	PROCESS CONFIGURATION
LDW	Two stage, vapor/immersion degreaser, water cooled primary condenser
LDR	Two stage, vapor/immersion degreaser, with refrigerated primary condenser
UDW	Two stage, vapor/ultrasonic immersion degreaser, water cooled primary condenser
UDR	Two stage, vapor/ultrasonic immersion degreaser, with refrigerated primary condenser

Standard Features:

- **Extended freeboard ratio** to minimize diffusion losses
- **Manually operated sliding cover** to control overhead air turbulence losses
- **Water separator** to for continuous removal of condensed atmospheric moisture from the system
- **Sonikor "Vapor Watch" safety circuit**, with manual reset sensors, to monitor system functions, identify faults, and notify operator when maintenance or service is needed
- **All stainless** degreaser body and countertop
- **Copper/Brass plumbing**
- **Push-button start** with "Vapor-Up" light to advise operator when system is ready to process parts
- **High Vapor Sensor** – disables heaters and advises operator if vapors reach an unsafe height in the degreaser
- **High Solvent Temp. Sensor** – Monitors temperature in the boil chamber, and advises operator when solvent replacement is needed
- **Low Solvent Level Control** – Disables heaters and advises operator if solvent level level is low
- **A full stainless cabinet** is available for all Sonikor "D" series vapor degreasers. The cabinet is standard on models 15, 30, and 50. It is optional on models 70, 90, 120, and on all custom sized "D" series degreasers

Authorized Distributor:

Sonikor Incorporated

82 Otis Street, West Babylon, NY 11704

Ph: (631) 920-6555 • Fax: (631) 920-6080 • Email: sonikor@sonikor.com



Fortune Metal Finishing Corp.
116 Gould Street
Needham Heights, MA 02494
866.449.4160
sales@fortunemetal.com

Specifications:

Sonicator "D" series vapor degreasers are offered in six standard sizes. The chart below shows the six standard sizes all configured with stainless cabinets, refrigerated primary condenser, and refrigerated freeboard chiller (The most commonly ordered configuration):

	CUDR-30Z	CUDR-50Z	CUDR-70Z	CUDR-90Z	CUDR-120Z
Immersion I.D	8" X 11" X 7½"	10" X 12" X 10"	12" X 16" X 16"	16" X 20" X 16"	20" X 24" X 17"
Vapor Zone	17" X 11" X 9"	21" X 12" X 10"	25" X 16" X 12"	33" X 20" X 16"	41" X 24" X 18"
Primary Heater	1500 watts	2000 watts	4000 watts	8000 watts	12000 watts
Solvent Capacity	7 gallons	10 gallons	25 gallons	50 gallons	85 gallons
Distillation rate	5.5 GPH	7 GPH	14 GPH	28 GPH	42 GPH
Workload Capacity	150 Lbs./Hr	200 Lbs./Hr	400 Lbs./Hr	800 Lbs./Hr	1200 Lbs./Hr
Ultrasonic Power	200 watts	300 watts	600 watts	1200 watts	1800 watts
Std. Electrical Req.	230V,1Ph, 18A	230V,3Ph.,28A	230V,3Ph,40A	230V,3Ph,60A	230V,3Ph,80A
Overall Dimensions	51" X 22" X 46"	55" X 28" X 48"	65" X 33" X 48"	86" X 36" X 60"	108" X 40" X 68"
Shipping Weight	350 Lbs	500 Lbs.	700 Lbs.	900 Lbs.	1100 Lbs

Available Options:

• All stainless cabinet enclosure (standard on -15,-30, & -50 models)	Add prefix "C" to model no.
• Hand-held distillate spray wand	Add suffix "S" to model no.
• Circulating pump/filter system on immersion chamber	Add suffix "F" to model no.
• Sub-zero freeboard chiller system	Add suffix "Z" to model no.
• Vapor Zone superheater	Add suffix "V" to model no.
• Power Cover (replaces std. manual cover)	Add suffix "P" to model no.
• All stainless solvent plumbing	Add suffix "X" to model no.
• Desiccant dryer (replaces std. water separator)	Add suffix "D" to model no.
• "VWE-1" 30lb., automated workload elevator – Single axis	Option
• "VWE-2" 30lb., automated workload elevator – dual axis	Option



**Sonicator CUDR-120 Vapor Degreaser
With Sonicator "RCT" Automation/Process
Control System, and full system Enclosure**



**Sonicator UDR-70 Vapor Degreaser With
Sonicator "VWE" Vertical Workload
Elevator, and stainless upper enclosure**

Made in USA Since 1966

Authorized Distributor:



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