

40" Ductless Spray Booth

Model # SS-340-DSH

The **40" Wide Ductless Spray Booth** provides an enclosure specifically designed for the control of aerosol spray. This negative-pressure benchtop enclosure captures and filters aerosol particles produced by a variety of applications, including *light spray painting, aerosol sprays, epoxy overspray, touch-up painting, conformal coating fumes, and a variety of other processes that release aerosol particulate and odor.* The **Ductless Spray Booth** creates a safe environment for the user while conforming to regulations implemented by EPA and OSHA.

This benchtop hood utilizes a unique **internal spray filter, HEPA filtration, and Activated Carbon filtration** to contain hazardous particulate and unwanted odor. The ductless design removes the requirement for external venting, which makes it an optimal solution for indoor environments where external venting is not practical or desired.

The **40" Wide Ductless Spray Booth** features energy efficiency, quiet operation, and low maintenance. Customized Spray Booths are also available for customers with specific application requirements.

Product Features

- **Includes:** clear anti-static vinyl curtains and variable speed controller (115V only).
- Meets OSHA requirement 1910.107(b)(5)(i)
- Quiet operation
- Simple, quick "no tool" filter change
- Portable and lightweight
- Reliable, low maintenance operation
- **Standard Sizes:** 30", 40", 50", and 60"
- Custom Sizes Available
- **Optional:** Magnehelic Gauge, hour counter, velometer, and spill tray.



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The Ductless Spray Booth provides fume control for a variety of aerosol spray application (30" pictured).



Closeup of operator safely spraying conformal coating under a DSH.



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Aerosol Spray Containment

Product Specifications



Shown with outer dimensions.
Dimensions are approximate.

Hood Dimensions (D x W x H)	Outer: 24" x 42" x 32" Interior: 23.5" x 40" x 24" Access Area: 8" x 40"
Hood Material	Sides: 0.25" white acrylic Base: 0.5" white high density polyethylene Top: 0.5" clear polycarbonate Front Window: 0.25" clear polycarbonate
Blower Dimensions	15.5" L x 13" W x 14.5" H
Blower Material	16 Ga. carbon steel with polyester epoxy coating on all surfaces
Weight (approximately)	125 lbs
Air Volume (approximately)	50 - 350 CFM (varies with filter media)
Inlet Velocities on High (approximately)	Pre-filter + HEPA Filter - 120 FPM high, 25 FPM low Pre-filter + Heavy Duty Carbon Filter - 105 FPM high, 20 FPM low
Electrical	115/1/160, 2 amps 220/1/50, 0.75 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level	61 to 66 dba (low to high)
Maximum Temperature	Operating temperature not to exceed 170° F
Pre-Filter	Internal Spray Pre-filter
Main Filter Options	HEPA (up to 99.97% efficient on particles down to 0.3 microns) ASHRAE (up to 95% efficient on particles down to 0.5 microns) Activated Carbon
Warranty (From Date of Shipment)	Limited two-year warranty on defects due to materials or workmanship.
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