

KOCH Paint Spray Booth Overview

Fischer-Robertson, Inc.
3890 Symmes Road
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www.fischer-robertson.com



Diffusion Panels

KR-1 Diffusion Panels for paint spray booths.

- Utilizes a progressive density fiber matrix to provide exceptional performance in surface finishing operations
- Prevents particle migration and creates unparalleled holding capacity that is superior to other competitive diffusion media
- The KR-1 panel is also available in blanket and pad configurations
- Available with internal or external support grid



KDF 600

Diffusion Media

- Test Air Flow = 400 CFM
- Initial Pressure Drop @ 100 FPM= 0.21" wg
- Recommended Final Resistance = 1.0" wg
- Fractional Efficiency @ 5 microns = 99.9% Initial
- Fractional Efficiency @ 10 microns = 100% Initial
- Filter Construction = 100% Bonded Synthetic media with tackifier
- Basis Weight = 580gsm



Paint Pockets

High Capacity Paint Overspray Filter

- Exceptionally high holding capacity of 6 pounds of overspray per square foot
- Media design increases durability in heavy overspray applications
- Diamond Pocket design creates extended surface area increasing filter life cycle
- Filter will not need to be changed until all sides of the Diamond Pocket fill with overspray



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SprayClean Duo-Pak

High Efficiency Multi-Pocket Filters

- MERV 8
- 3-ply construction
- Available in one, two and three pocket configuration
- Average efficiency of 99% at 3 microns 8
- Dust Holding Capacity of 198 grams per sq. ft. of media
- Configured to provide optimum life in the most rugged conditions.
- Progressively dense media is enhanced with an adhesive coating to provide exceptional holding capacity.



SprayStop E-Pak 650

High Efficiency Final Filter for Paint Booth Exhaust

- Exceeds the requirements for 3 Stage Aerospace Paint Booths in use after October 29, 1996*
- Maximum service life and efficiency for all types of coating materials
- Engineered to provide maximum airflow and efficiency
- Complies with all NESHAP* and MACT** Requirements



SprayStop E-Pak 950

High Efficiency Final Filter for Paint Booth Exhaust

- Exceeds the requirements for 3 Stage Aerospace Paint Booths in use after October 29, 1996*
- Maximum service life and efficiency for all types of coating materials
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SprayStop Expanded Paper

Expanded Paper and Polyester Paint Arrestors

- Up to 99.9% Efficiency
- Reduces the number of change-outs and down time
- Long Filter Life
- Multiple Capacity & Efficiency levels



SprayStop FG

Fiberglass Paint Arrestor

- Initial Pressure Drop @ 150 FPM = .02" w.g.
- Paint Holding Capacity = 1260 grams
- Average Removal Efficiency = 98.7%



SprayStop HC Duo-Pak

High Capacity Two Pocket Overspray Filter

- Utilizes multi-denier synthetic fibers progressively layered to promote “depth loading” and long filter life
- Efficiently removes overspray solids from all types of coatings
- Provides 99.8% removal efficiency
- Increased service life as compared to other competitive high capacity products



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SprayStop NESHAP 2 Stage System

Method 319 Paint Booth Exhaust System

- Exceeds the requirements of the Code of Federal Regulations, 40 CFR 63
- Engineered to provide maximum service life and efficiency for all types of coating materials
- Complies with all NESHAP* and MACT** standards



SprayStop S Duo-Pak

Standard Capacity Two Pocket Overspray Filter

- Utilizes multi-denier synthetic fibers progressively layered to promote “depth loading”
- Effectively removes overspray solids from lacquers, air dry enamels, and thermo-reactive coatings
- Protects against contamination and provides maximum control of overspray discharge
- Full depth loading provides 99.8% removal efficiency



SprayStop S-SHC-HCX

Standard Capacity, High Capacity and Super High Capacity Synthetic Paint Arrestors.

- Stack protection and emissions control for a wide range of coating materials.
- Available in pads, blankets and rolls.
- Excellent paint-holding capacity on high solids.
- Exceptional value for high volume coating operations.
- Full depth loading. Exclusive design allows paint solids to permeate the blanket from back to front.



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SprayStop STK-10

High Efficiency Synthetic Paint Arrestor

- Test Air Flow = 200 fpm
- Initial Pressure Drop = 0.14" wg
- Recommended Final Resistance = 1.0" wg
- Fractional Efficiency @ 5+ microns = 96% Average
- Fractional Efficiency @ 3 microns = 79.5% Average
- Filter Construction = 100% Dual Density Media



SprayStop Universal Cube HC

High Capacity Overspray Collection Cube

- Eliminates the need for 2 or more separate stages
- Superior paint holding capacity and cube design provides maximum filter life
- One pocket cube design makes filter changing easier and helps provide a cleaner booth
- Outperforms competitive products in capturing UV coatings
- Earns the Koch Green Icon:
 - Earns LEED points
 - Reduces energy cost
 - Extends filter lifecycles
 - Conserves resources
 - Improves Indoor Environmental Quality
- Versatile – Can be used in liquid or powder paint booths
- Exceeds New NESHAP* regulations and MACT** standards
- High efficiency helps reduce emissions



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SprayStop Universal Cube HE

High Capacity/High Efficiency Overspray Collection Cube

- Eliminates the need for two or three stage systems
- Exceptional overspray collector for all types of coating materials
- Utilizes 4-ply multi-denier progressively layered synthetic fibers designed to maximize filter life and efficiency
- Earns the Koch Green Icon:
 - Earns LEED points
 - Reduces energy cost
 - Extends filter lifecycles
 - Conserves resources
 - Improves Indoor Environmental Quality
- Cube design makes changing filters easy and promotes a cleaner paint booth
- Versatile – Can be used in liquid or powder paint booths
- Exceeds the New NESHAP Regulations set forth by “40 CFR 63”
- High efficiency helps reduce emissions