



Koch Filter Corporation
Filtration Products Crafted with Pride



KR-1™ Diffusion Panel

The **Koch KR-1 Diffusion Panel** is designed to provide maximum protection against airborne migration of dirt particles that can damage a quality finish in cross-draft and down-draft paint spray booths.

Features and Benefits

- 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

Applications

- Aerospace
- Automotive Manufacturing
- Automotive Aftermarket
- Furniture Manufacturing
- Appliance Manufacturing
- Contract Coaters

Product Performance Data

Initial Resistance	.19" w.g. @ 100 fpm
Average Efficiency @ 10 microns	95+%
Thickness	0.90"
Basis Weight	300 grams/m ²
UL Classification	Class 2, Standard 900
Dust Holding Capacity	147 grams
Recommended Final Pressure Drop	1.00" w.g.

* NESHAP (National Emission Standards for Hazardous Air Pollutants – 40 CFR 63)

** MACT (Maximum Achievable Control Technology)



External X-wire design

Heat-sealed design with internal wire

Features

- Progressive density fiber matrix
- Prevents particle migration
- Unparalleled holding capacity
- Available in panel, blanket and pad configurations

Koch Filter Corporation...Durable. Reliable. Versatile.

Bulletin No. KR1-DP

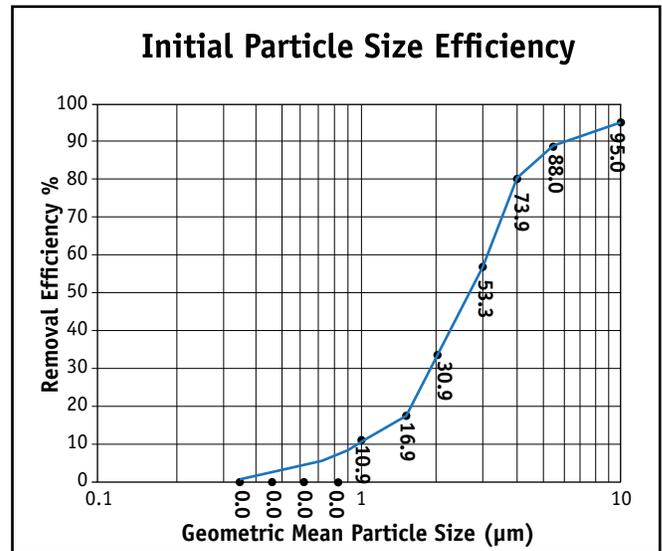
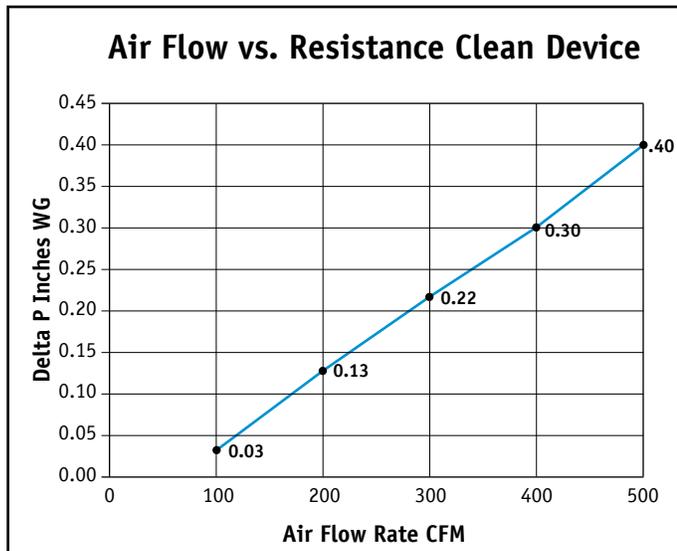


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Product Listing

Description	Nominal Size (In Inches)	Quantity Per Carton
KR-1 Polyester Diffusion Panel, with External "X" Wire	20 x 20"	24
KR-1 Polyester Diffusion Panel, with External "X" Wire	20 x 25"	24
KR-1 Polyester Diffusion Panel, with External "X" Wire	24 x 24"	24
KR-1 Polyester Diffusion Panel, with Internal, Heat Sealed Wire	20 x 20"	24
KR-1 Polyester Diffusion Panel, with Internal, Heat Sealed Wire	20 x 25"	24
KR-1 Polyester Diffusion Panel, with Internal, Heat Sealed Wire	24 x 24"	24

Performance Data



NESHAP (National Emission Standards for Hazardous Air Pollutants)
 MACT (Maximum Achievable Control Technology)

Corporate Offices

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Regional Sales Offices/Distribution Centers

Atlanta, GA • Detroit, MI • East Greenville, PA* • Houston, TX* • Indianapolis, IN
 Kansas City, MO • Louisville, KY* • Madbury, NH • Nashville, TN • Mira Loma, CA*

*Denotes manufacturing site.

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Look for the Koch Green icon! Whenever you see the Koch Green icon, we are identifying a product that meets or exceeds our criteria in one or more of the following categories: **Earns LEED Points, Reduces Energy Costs, Extends Filter Lifecycles, Conserves Resources, and Improves Indoor Environmental Quality.**