CDM 600

Diffusion media

Features & Benefits

- CDM-600 is designed for >96% initial efficiency for particles in the range of 7-10 microns on clean media, improving to 99+% efficiency as the media loads.
- CDM-600 provides the highest level of uniformity to paint spray booths where controlled airflow is a requirement.
- CDM-600 is impregnated with a proprietary tackifier to achieve maximum protection against fiber release and migration of paint-damaging particles larger than 7 microns.
- CDM-600 is self-extinguishing and rated UL 900 Class 1. The media is also resistant to evaporated solvents and 100% silicone-free.
- CDM-600 is rated for temperatures up to 212 °F (100 °C).
- CDM-600 is available in bulk rolls, cut pads, panels and link filters.

Camfil Farr is the world leader in air filtration for Clean Processes. Subsidiaries and distributors throughout North America, Europe and Asia provide the highest quality products and tech-nical support.

Downdraft spray booth filtration

Clean Air Solutions for the paint finishing industry

CDM-600 is the highest quality diffusion media for paint finishing applications from the world's recognized leader in filtration for Clean Processes, the **Camfil Farr Group**.

As an industry leader, Camfil Farr offers customers an ongoing partnership that is secure and backed by a documented capability to analyze filtration needs.

CDM-600 has been specifically designed for use in down-draft paint spray booths to enhance airflow distribution and to provide a final filtration barrier against airborne paint-damaging particles.

Quality and consistency throughout

CDM-600 is constructed from unique high performance, unbreakable fibers. These fibers are used to create a progressive density multi-layer material that ensures high depth loading, unmatched uniformity and optimal pressure drop performance.

CDM-600 is thermally bonded and impregnated with a proprietary tackifier to achieve maximum protection against fiber release and migration of paint-damaging particles larger than 7 microns.

The material is stable and will not release fibers or particles when subjected to system vibration or varying temperature conditions.

Progressive media density and reinforcing scrim

CDM-600's progressive media density is reinforced with a supporting woven open-mesh scrim on the clean air side.

These features provide paint finishing customers with the most desired product characteristics:

– long filter life
– high fractional efficiency
– good dust holding
– low energy and maintenance costs

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Camfil Farr	Product sheet
Diffusion Media 001106	
Camfil Farr - clean air solutions	

CDM 600

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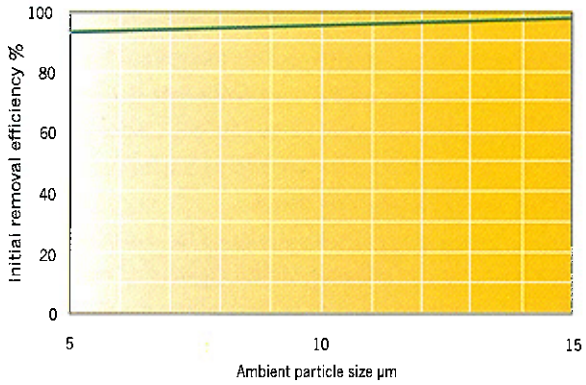
Removal efficiency vs. particle size

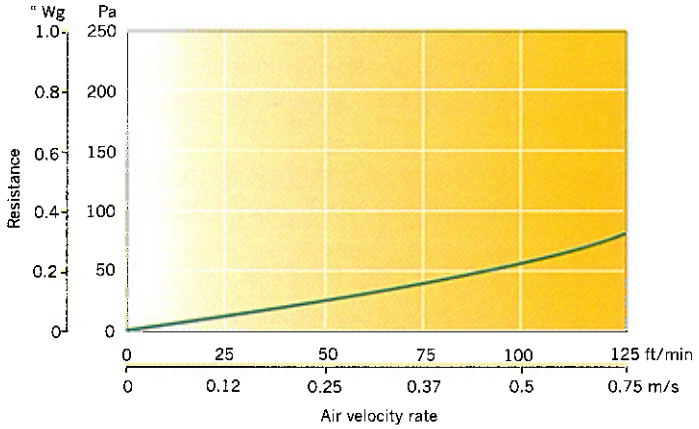


Excellent removal for paint damaging particles 7 micron and larger

Testing in accordance with ASHRAE 52.1-1992:

Test velocity of 100 FPM

Airflow vs initial resistance. Clean device



Optimized pressure drop to improve spraybooth laminarity

CDM 600 provides
– good dust loading capacity
– long service life
– superior laminarity

Specification

Diffusion media type	CDM-600	**Temperature resistance (cont.)**	212 °F (100 °C)
Initial fractional efficiency 7-10 micron	96+%	**Temperature resistance (intermittent)**	250 °F (120 °C)
		Nominal thickness	1 inch (25 mm)
Loaded fractional efficiency 7-10 micron	99+%	**Moisture resistance**	up to 100% RH
Filtering velocity	100 FPM (0.50 m/s)	**Bulk roll dimensions**	78-3/4" W x 65'-6" L (2 x 20 m)
Initial pressure drop	0.22 inches wg (55 Pa)		

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