

A-3000™

Paint Booth Overspray Collection System For New Systems

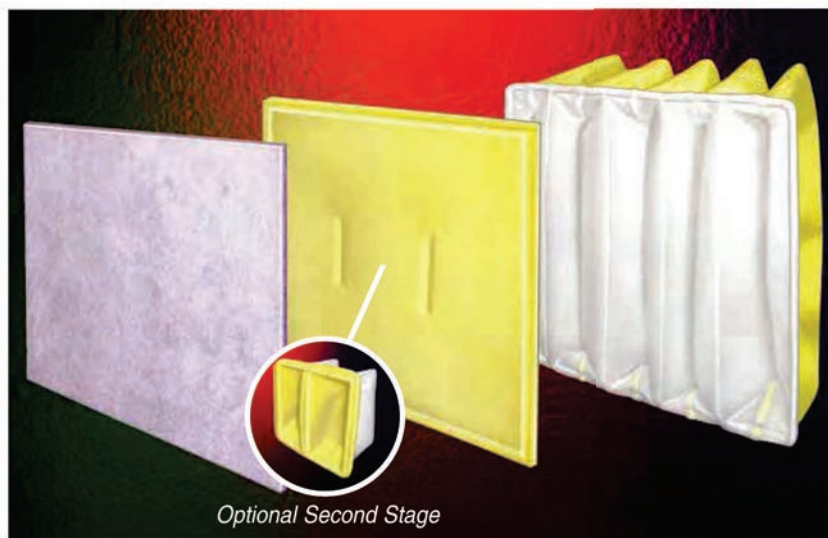


Clean Air Solutions for a Perfect Finish

NESHAP Compliant Tested Under EPA Method 319

- Removes liquid and solid overspray in new paint booths in excess of NESHAP (EPA) Standard
- Keeps motors, fans, duct work clean
- Prevents discharging contaminants to the atmosphere
- Three stage A-3000 system can be installed in a single holding frame

The A-3000 system – The original NESHAP compliant three-stage paint booth filtration system tested under EPA Method 319.



Optional Second Stage

The A-3000 system, consists of Ultra prefilter media pads or blankets followed by an OSM-100 ring panel or multi-pocket bag filter. The final stage is the A-3000 high efficiency multi-pocket bag filter.

Three Stage A-3000 Filtration System

First Stage - The Ultra™ prefilter is a two ply media designed to maximize depth loading and prevent faceloading for longer life. The more open fiber structure on the air entering side substantially increases paint holding capacity.

Second Stage - The second stage is a four ply, OSM-100 self-sealing ring panel designed for excellent retention of smaller paint particles. An optional second stage is an OSM-100 multi-pocket bag. Both the panel and bag are made with a dual layer media on the air entering side followed by a needled fiber media with a latex foam backing on the downstream side.

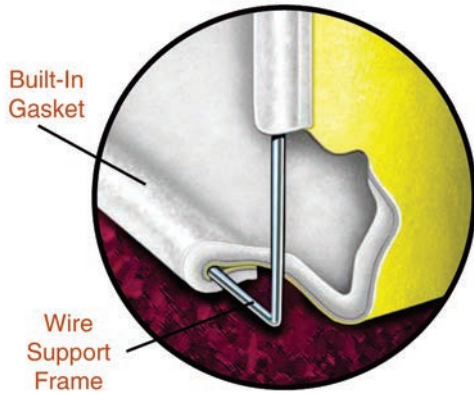
Third Stage - The final stage is a three ply, self-supported A-3000 bag filter consisting of a high loft polyester layer for high paint holding capacity followed by a dual layer high efficiency media to capture the smallest paint particles. The A-3000 bag filter exceeds the NESHAP efficiency requirements for new booths even without the first two stages of the system.

For Existing Source applications, refer to the ATI OSM-100 System.

Test Method 319 Results

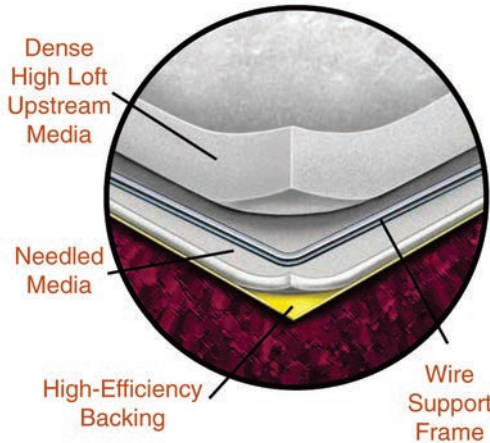
Particle Size (Microns)	NESHAP Efficiency Requirements for New Systems	A-3000 System Efficiency
SOLIDS		
>0.70	>75%	88%
>1.10	>85%	92%
>2.50	>95%	98%
LIQUIDS		
>0.42	>65%	75%
>1.00	>80%	87%
>2.00	>95%	99%

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Self-Sealing - No Bypass

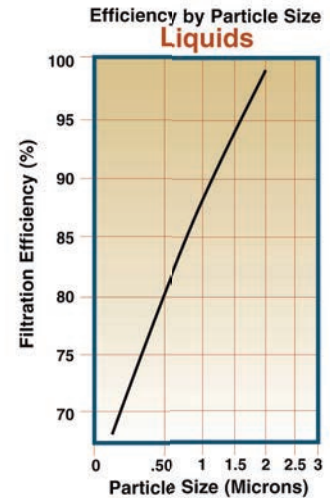
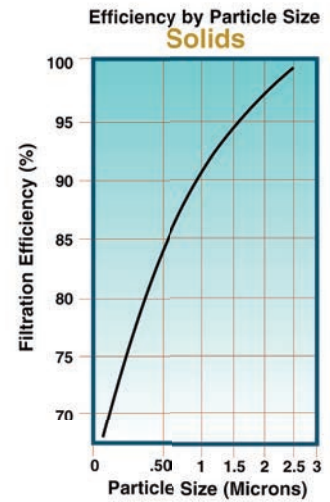
The media is sewn around an internal wire support frame that forms a built in gasket. The filters are automatically sealed when installed to prevent leakage.



A-3000 Pocket Filters Feature 3-Ply Media Construction

A-3000 filters are made with two distinct media layers. The upstream layer is a high loft polyester layer with high paint holding capacity. The downstream layer is a dual layer high efficiency media designed to capture the smallest particles

Fast, Easy Installation - Endorsed by Maintenance Personnel Worldwide
 Save on labor due to reduced changeout time. Simply push the filter into the frame. No clips or latches required.



Standard Size A-3000 Bag information

Nominal Size (Inches)	No. of Pockets	Air Flow Capacity (CFM) @ 120 FPM	Initial Resistance (In. W.G.)		Recommended Final Resistance (In. W.G.)
			A-3000 Bag Filter Only	Three Stage Filtration System	
12 x 24 x 12	2	240	.25"	.45"	1.45"
20 x 20 x 12	5	333	.25"	.45"	1.45"
20 x 25 x 12	5	417	.25"	.45"	1.45"
24 x 24 x 12	5	480	.25"	.45"	1.45"
12 x 24 x 20	2	240	.20"	.40"	1.40"
20 x 20 x 20	5	333	.20"	.40"	1.40"
20 x 25 x 20	5	417	.20"	.40"	1.40"
24 x 24 x 20	5	480	.20"	.40"	1.40"



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