

# DELTA<sup>Δ</sup>MAXX™

Nanofiber Technology



**The DeltaMAXX™ Cartridge Filter delivers the longest filter life, cleanest air and the greatest cost savings.**

## DELTA<sup>Δ</sup>MAXX™ advantages

- Up to Twice the Filter Life
- Most Advanced NanoFiber Filtration Technology - *The NanoFiber surface stops submicron particles from entering and becoming embedded into the media beneath the nanoFiber*
  - MERV 15 Filtration Efficiency - *best in the industry*
  - Reduced Dust Collector Operational Costs
  - Lower Operational Mass Emissions
  - Less Pulse Cleaning - *Dust is easily pulsed off of the NanoFiber media because it remains on the surface*
  - Industry's Best Surface Loading Technology - *enhances dust cake release, leading to longer filter life*
- Highest Quality Pleated Media
- 99.9% Efficiency on 0.3 to 0.5 Micron

DeltaMAXX™ Nanofiber Cartridge Filters have a very fine surface layer of synthetic fibers that blocks the particulate before it embeds deep into the media.

Regardless of the nature of your dust collection and air pollution control application, Imperial Systems, Inc. has the answer for all of your cartridge filtration needs.

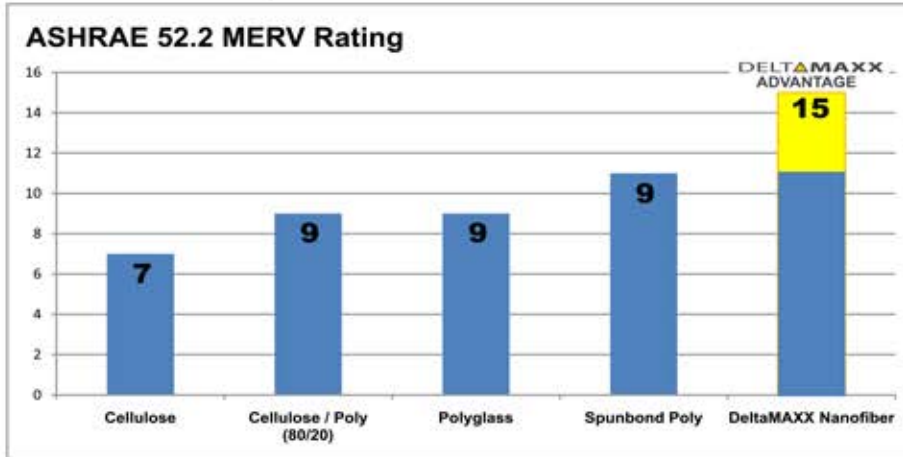
**DeltaMAXX™ Upgrade Filters are manufactured for all makes and models of cartridge dust collectors**

[www.isystemsweb.com](http://www.isystemsweb.com)

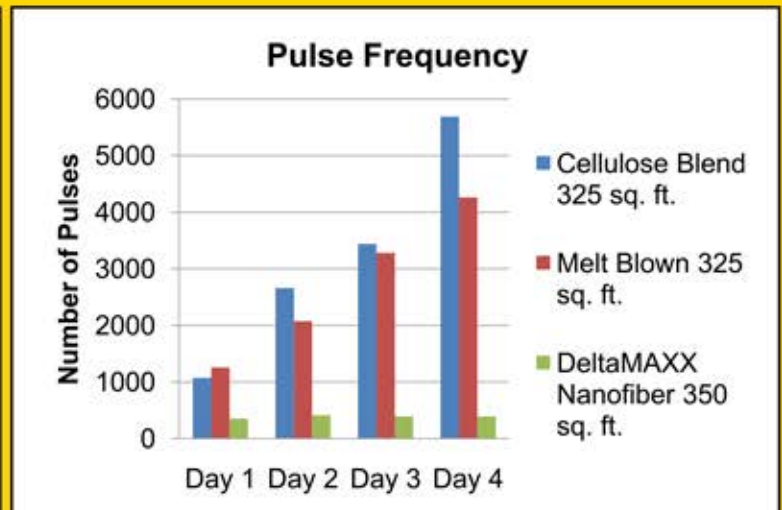
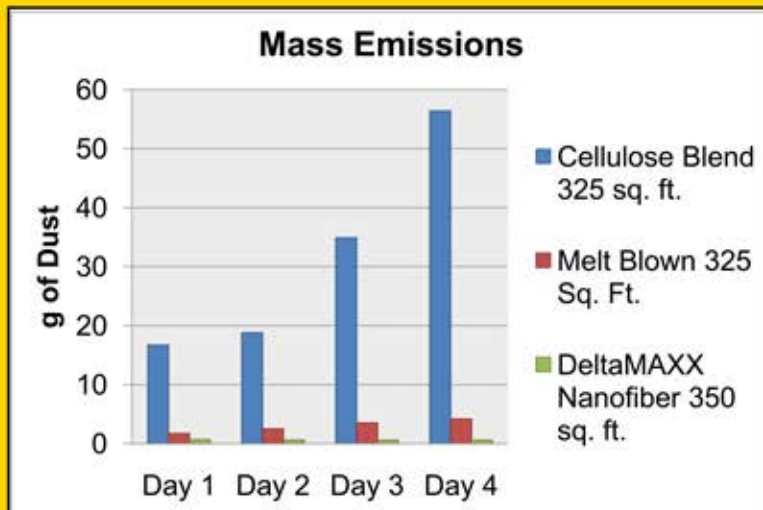
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## media comparison



With 99%+ efficiency on 0.3-0.4 micron particulate, DeltaMAXX™ NanoFiber Filters provide maximum filtration.



## SUMMARY OF RESULTS

	CELLULOSE BLEND 325 SQ. FT.	MELT BLOWN 325 SQ. FT.	DELTAMAXX NANOFIBER 350 SQ. FT.	
<b>EMISSIONS</b>				
Total Emissions	126,735	11,825	2,560	mg
Average Emissions/Hour	1,320	123	27	mg/hour
Emissions Before 1st Pulse	185	10	10	mg
Average Emission/Pulse	9.84	1.09	1.65	mg/pulse
<b>PULSE CLEANING</b>				
Time to First Pulse	1:40	1:07	1:01	hours
Total Number of Pulses	12,861	10,874	1,545	pulses
Average Pulses/Hour	134	113	16	pulses