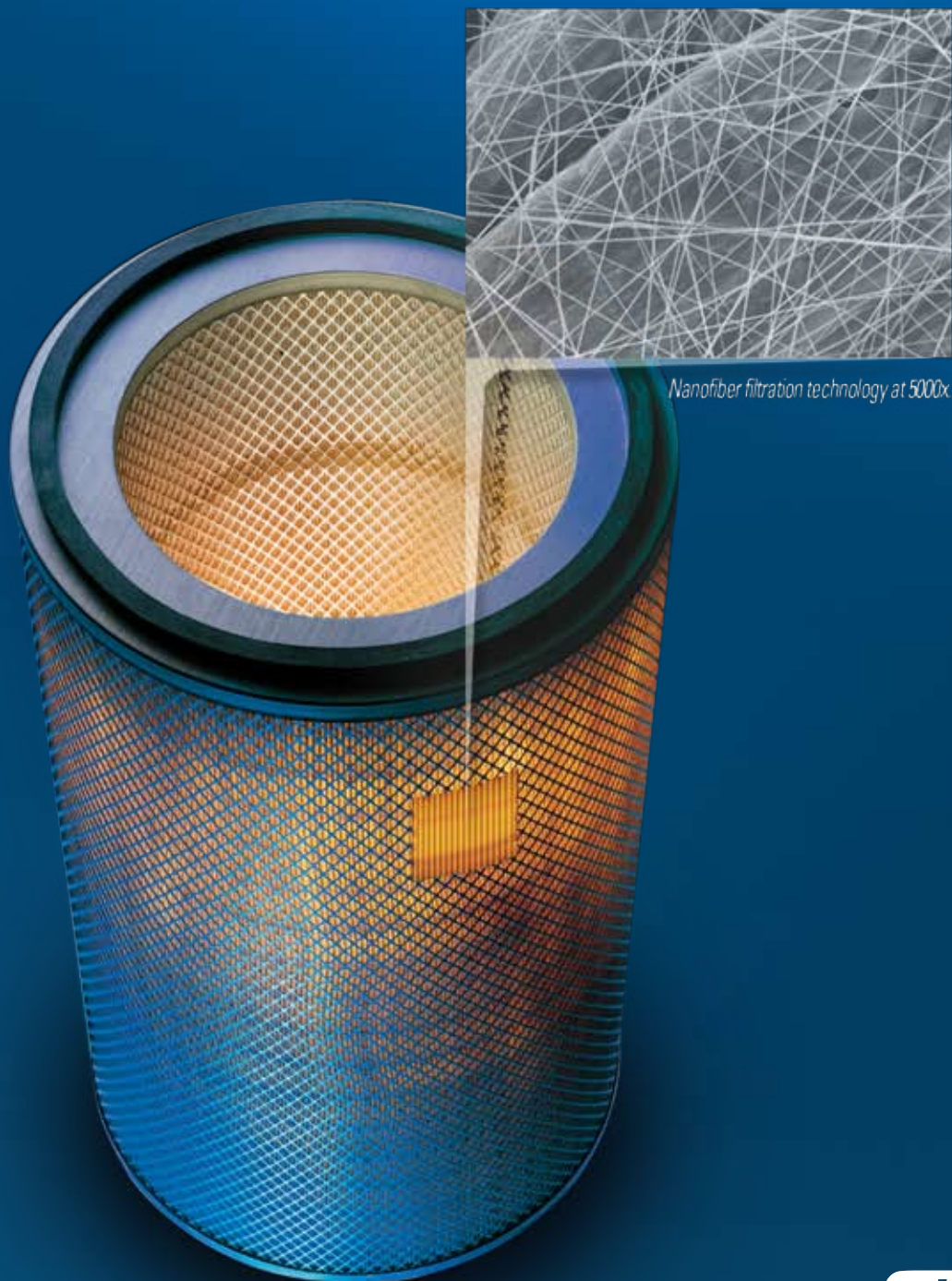


# *Introducing Advanced Nanofiber Filtration Technology*

a major breakthrough from Clark Filter



*Nanofiber filtration technology at 5000x*



**CLARK FILTER**  
a CLARCOR company

*Adding value beyond expectations*

Welcome to the next generation of dust collection cartridge filtration technology – and the best-performing in the industry. Featuring the finest fibers and highest MERV\* rating, our cartridge filters with Advanced Nanofiber Filtration Technology are now available for use in all major brands of dust collectors.

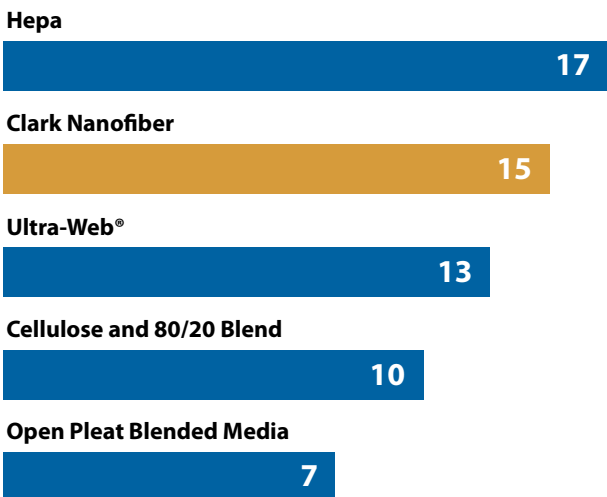
**The unprecedented advantages and savings include:**

- The industry's smallest nanofibers for the best available filtration of submicron particles and reduced outlet emissions
- A MERV 15 efficiency rating – the highest of any standard cartridge filters for industrial dust collection
- Superior surface-loading technology that improves cleaning efficiency and saves compressed air usage
- Increased filter life due to less pulsing and stress
- Lower initial pressure drop over the life of the filter and less overall system energy use

**Upgrade from conventional filtration technology – and maximize your system's potential!**

**ASHRAE 52.2 MERV\* Rating**

Nanofiber is 50% more efficient on 0.3 to 1.0 micron particulate than the competition



\* Minimum Efficiency Reporting Value

Clark Filter nanofibers are 50% smaller than the competition's nanofibers and, as a result, outperform any other standard cartridge filter used in industrial dust collection.

**Annual cost and ownership savings**

	<b>Cellulose Blend</b>	<b>Clark Nanofiber</b>
No. of Cartridge Filters	32	32
Airflow (ACFM)	19,000	19,000
Total System Losses	10"	8"
Motor HP	50	40
Brake HP	47.5	38
Motor Annual Cost*	\$15,200	\$12,160
Compressed Air Cost*	\$1,279	\$191
<b>Total Energy Cost</b>	<b>\$16,479</b>	<b>\$12,351</b>
Replacement Filter Cost (Each)	\$65	\$105
Filter Life	6 months	12 months
Filter Changes Required	2	1
Total Filter Purchase Cost	\$4,160	\$3,360
<b>Total Annual Savings</b>		<b>\$4,928</b>

\*Based on dust collection system running 4,160hr/year and energy cost of 10 cents/kWh



Our Advanced Nanofiber Filtration Technology allows for the filter to surface load, resulting in lower pressure drop, reduced pulse-cleaning cycles – and

less wear and tear for longer filter life than other standard cartridge filters. Compare the savings over standard cellulose blend filters as shown in the chart, and see why our advanced nanofiber filters are an outstanding value.



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