

# Complete Line of Airguard<sup>®</sup> Synthetic Bag Filters



# CLARCOR Air Filtration Products is proud to introduce our newly expanded line of Airguard synthetic bag filters!

We've expanded our synthetic bag line to better serve our customers with a broad range of options so customers can pick the right bag filter to meet their needs. Now available in Good, Better and Best options, our bag line delivers:

- Basic functionality in our Good offering
- Improved performance with our Better offering
- The highest-performing bag in our Best offering



**Good**

## **Clean-Pak™**

- Commodity synthetic media
- Good performance at the price you need



**Better**

## **Defiant®**

- New, exclusive, patented media with T-Flo® technology
- Holds more dust with a lower pressure drop than Clean-Pak



**Best**

## **Nano-Pak™**

- Revolutionary, patented NanoWave® media
- Maintains its high mechanical filtration performance over the life of the filter

T-Flo® is a registered trademark of Transweb.

NanoWave® is a registered trademark of Hollingsworth & Vose Company.

# Nano-Pak

Introducing the new Nano-Pak! This top-of-the-line bag filter features the highest performing filtration media – delivering the lowest energy use and longest service life. CLARCOR Air Filtration Products is the only major HVAC manufacturer of this innovative bag which has excellent dust-holding capacity, low pressure drop and a guaranteed high efficiency level over its lifetime. Nano-Pak is a robust filter suitable for all environments and is the product of choice for customers who seek a higher performing bag and lower energy costs.

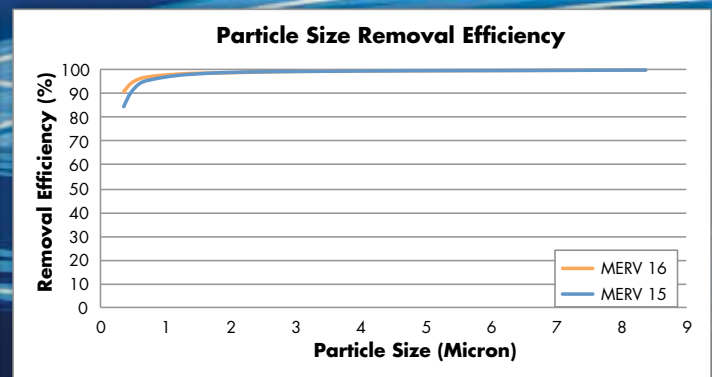
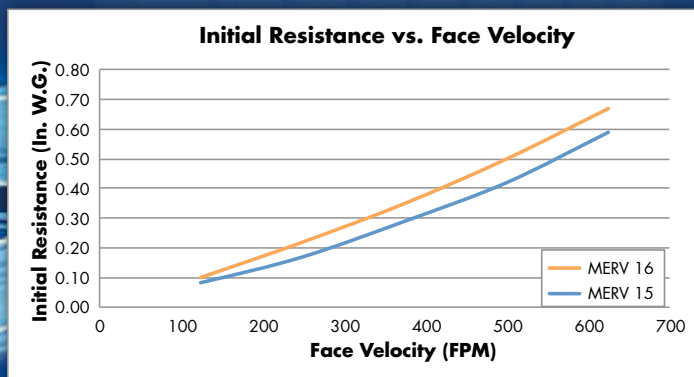
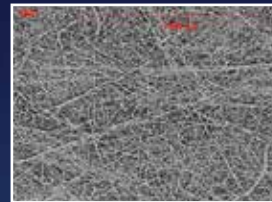


## Key Benefits:

- High mechanical filtration performance over the life of the filter – even after the most challenging discharge techniques
- Low pressure drop
- Low energy costs
- Reduced environmental impact vs. fiberglass
- Resistant to humidity and moisture

## Key Features:

- Revolutionary, patented NanoWave® media
- High loft media optimized for the highest dust holding capacity
- Maximum surface use and superior air flow with uniform media spacing and rigid, self-supporting pockets
- MERV 16 captures 95% of particulate between 0.3 – 1.0 micron size particles
- Enhanced finishing for easier installation
- Available in 2 efficiencies: MERV 16, MERV 15



# Defiant

Defiant makes up our Better offering which is now better than ever! With exclusive, new media, Defiant now delivers higher dust holding capacity and lower pressure drop than before. With these product enhancements, this popular Defiant bag will continue to stand the test of time!

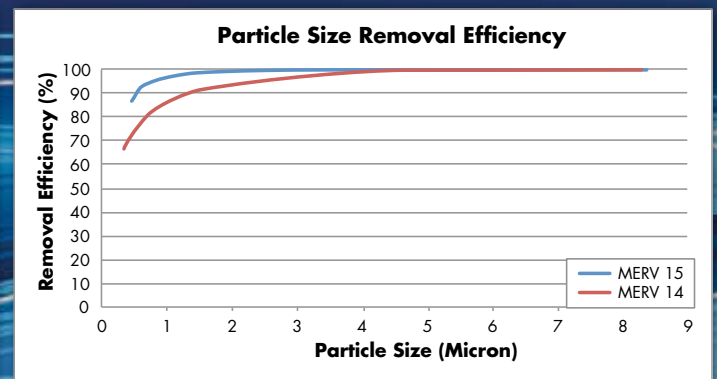
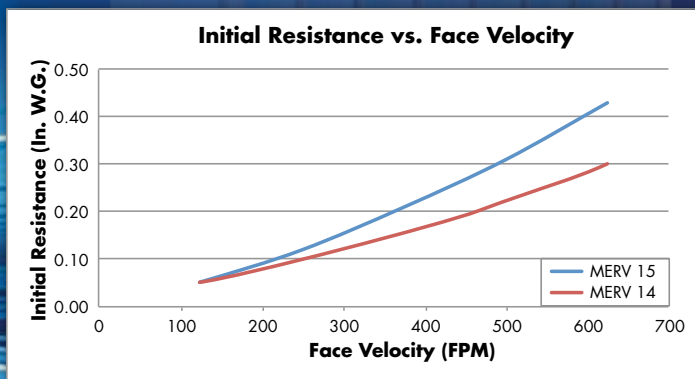
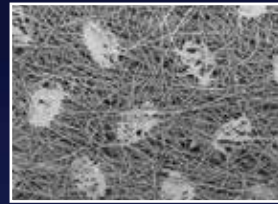


## Key Benefits:

- Holds more dust with a lower pressure drop than Clean-Pak
- Lower resistance than Clean-Pak
- Reduced environmental impact vs. fiberglass
- Resistant to humidity and moisture

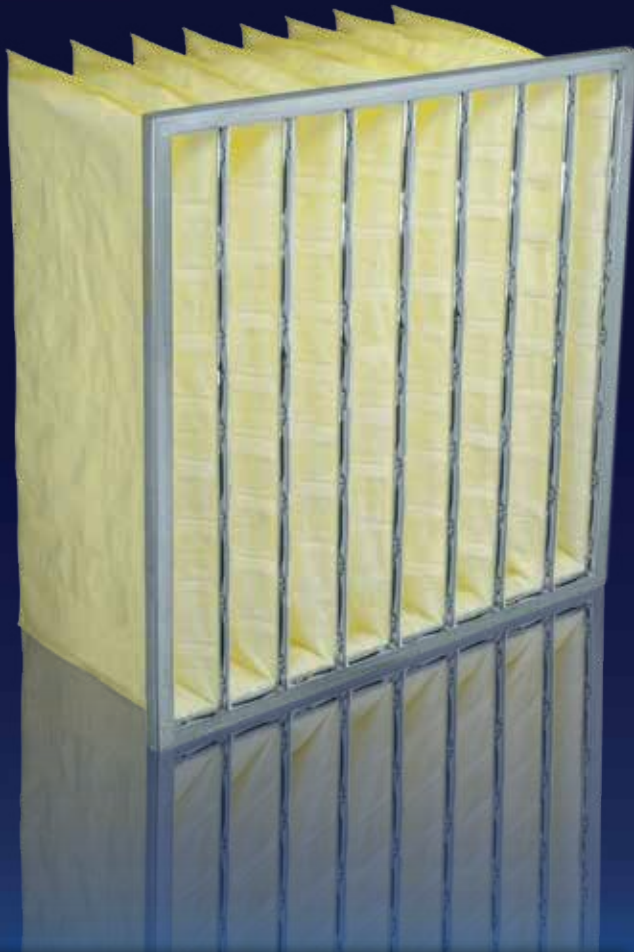
## Key Features:

- New, exclusive, patented media with T-Flo® technology that's electrostatically enhanced
- Maximum surface use and superior air flow with uniform media spacing and rigid, self-supporting pockets
- MERV 15 captures 90%+ of particulate between 0.3 – 1.0 micron size particles
- Available in 2 efficiencies: MERV 15, MERV 14



# Clean-Pak

Clean-Pak comprises our Good offering which is a basic, entry level bag for customers on a budget. Clean-Pak is an economical choice for basic commercial and industrial applications.

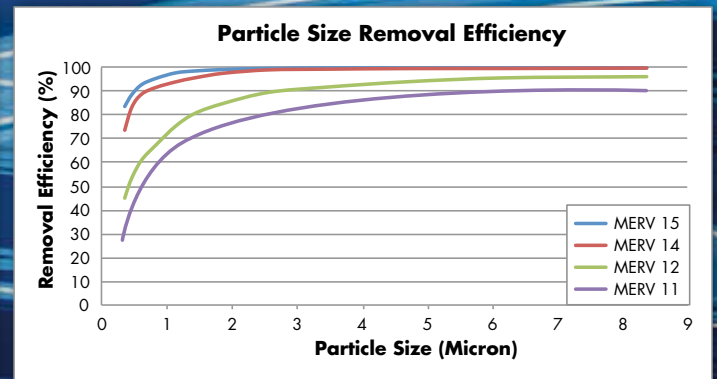
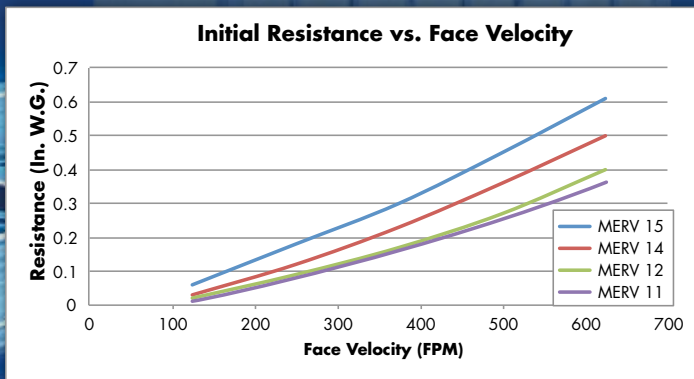
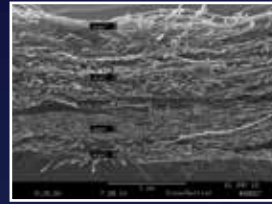


## Key Benefits:

- Good performance at the price you need
- Reduced environmental impact vs. fiberglass
- Resistant to humidity and moisture

## Key Features:

- High efficiency, meltblown, synthetic media
- Maximum surface use and superior air flow with uniform media spacing
- MERV 15 captures 85%+ of particulate between 0.3 – 1.0 micron size particles
- Now available with higher efficiencies! Select from: MERV 15, MERV 14, MERV 12, MERV 11



# Synthetic Bag Filters

## Nano-Pak



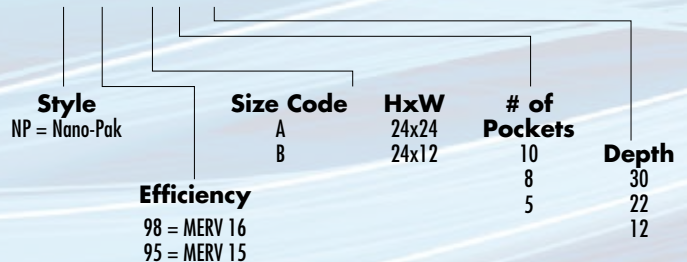
Positioning	Best	
Media	Revolutionary, patented NanoWave® media	
Efficiencies	MERV 16 MERV 15	
Initial Resistance	0.54" w.g. (NP98-A-8-30)	
Final Resistance	1.50" w.g. (NP98-A-8-30)	
Dust Holding Capacity	564g (NP98-A-8-30)	
Particulate Removal Efficiency on 0.3 – 1.0 micron size particles	MERV 16 captures 95%	
Standard Face Sizes (HxW in)	24x24	24x12
Standard Depths (in)	30, 22, 12	30, 22, 12
Standard Pockets	10, 8	5
Custom Sizes	Not available	
Options Available	Optional gaskets	
Classifications	UL Standard 900	
Maximum Operating Temperature	200°F	

### Ordering Information

#### Nano-Pak Model Number Format

Example Model Number:

**NP98-A-8-30**



## Defiant



## Clean-Pak

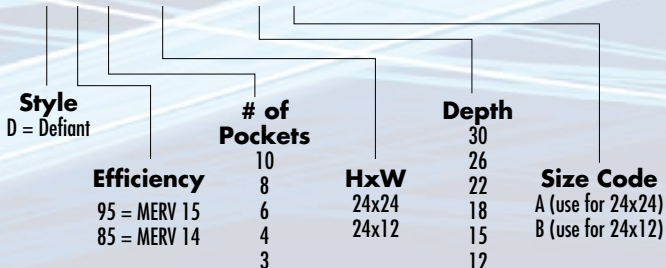


Better		Good	
Exclusive, patented media with T-Flo® technology		Commodity synthetic media	
MERV 15 MERV 14		MERV 15 MERV 14 MERV 12 MERV 11	
0.31" w.g. (D9508 24x24x26)		0.40" w.g. (CP9-A-8-30)	
1.50" w.g. (D9508 24x24x26)		1.50" w.g. (CP9-A-8-30)	
276g (D9508 24x24x26)		199g (CP9-A-8-30)	
MERV 15 captures 90%+		MERV 15 captures 85%+	
24x24	24x12	24x24, 24x12, 12x24, 20x20, 24x20, 20x24	
30, 26, 22, 18, 15, 12	22, 18	10 – 36; multiple combinations available	
8 on each depth 6 on 26, 22, 18, 15	4, 3	3 – 10; multiple combinations available	
Available upon request		Available upon request	
Optional headers Optional gaskets Pocket loops		Optional headers Optional gaskets Retainer covers Pocket loops Extender rods	
UL Standard 900		UL Standard 900	
200°F		200°F	

### Defiant Model Number Format

Example Model Number:

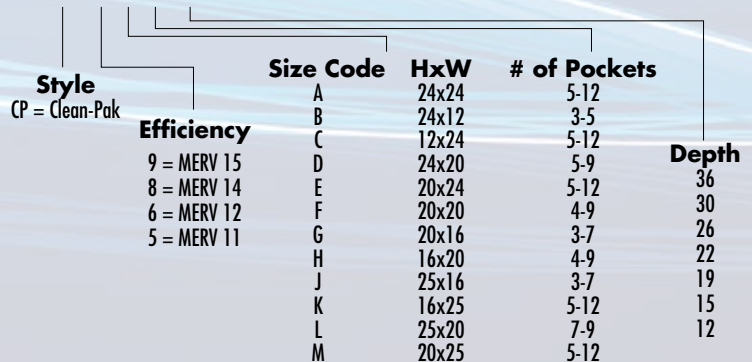
**D9508 24x24x30 A**



### Clean-Pak Model Number Format

Example Model Number:

**CP9-A-8-30**



CLARCOR Air Filtration Products is a leading manufacturer of HVAC filtration products for commercial, industrial and institutional applications. Offering the broadest line of filtration products in the industry, CLARCOR Air's products can be found improving the quality of air around the world. CLARCOR Air Filtration Products sells its products and systems through a variety of distribution channels under such well-known brands as Airguard<sup>®</sup>, ATI and Purolator<sup>™</sup>.



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