



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®

- High loft synthetic media with scrim backing
- 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

# 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.

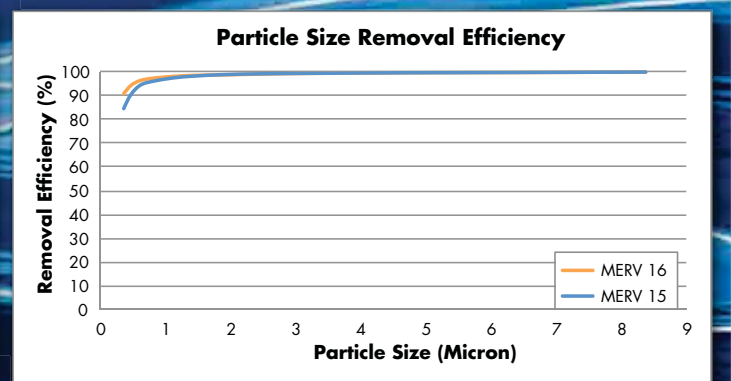
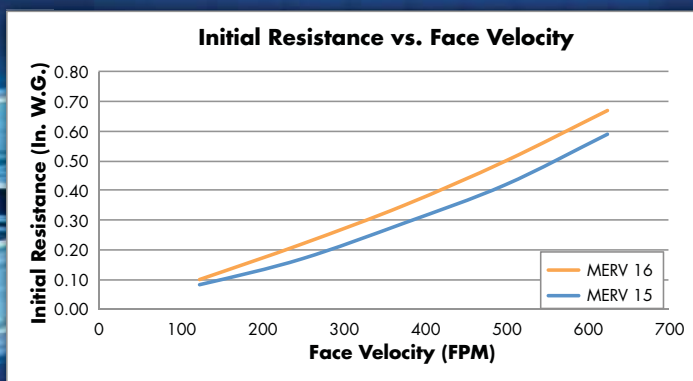


## Key Benefits:

- 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!

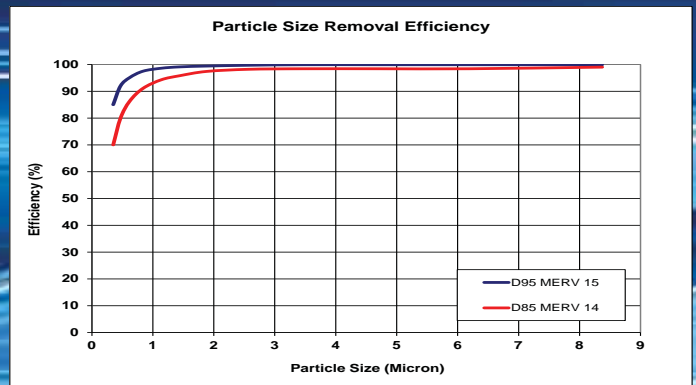
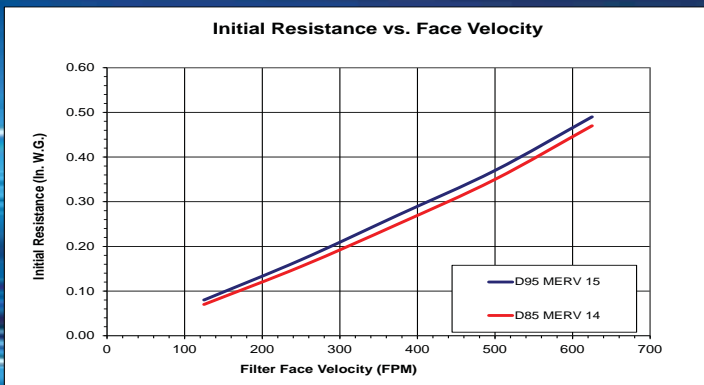


## Key Benefits:

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

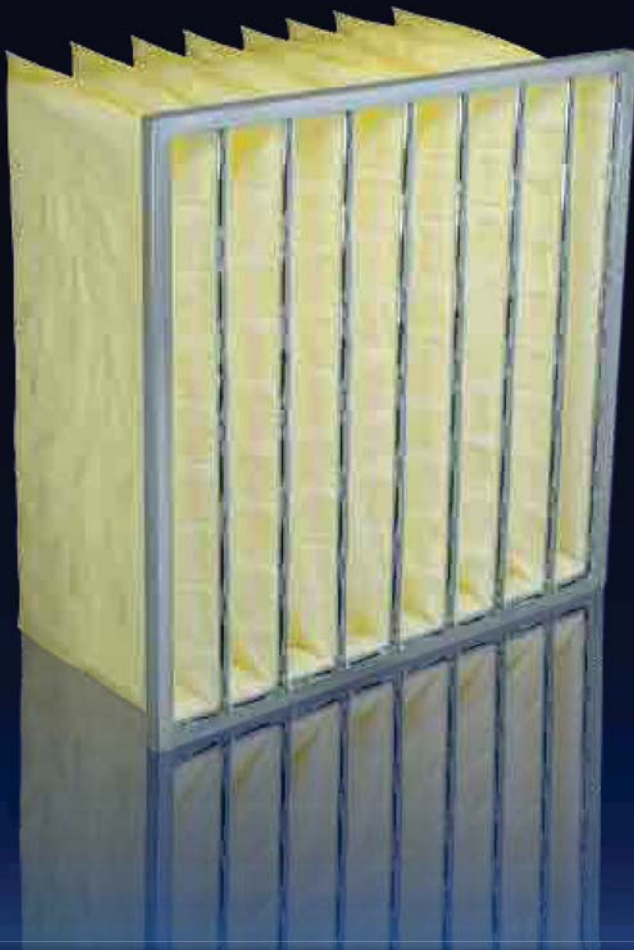
## Key Features:

- 100% synthetic high loft media with scrim backing
- Maximum surface use and superior air flow with uniform media spacing
- 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.

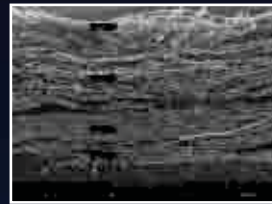


## Key Benefits:

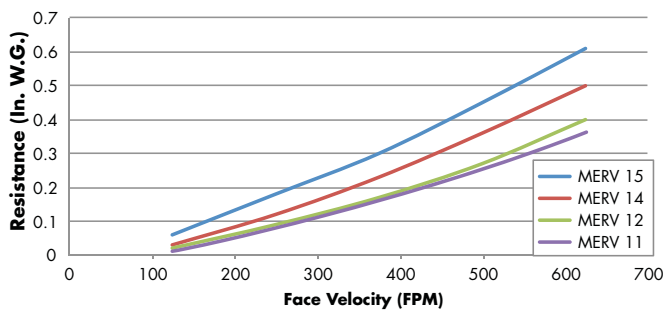
- Good performance at the price you need
- Reduced environmental impact vs. fiberglass
- Resistant to humidity and moisture

## Key Features:

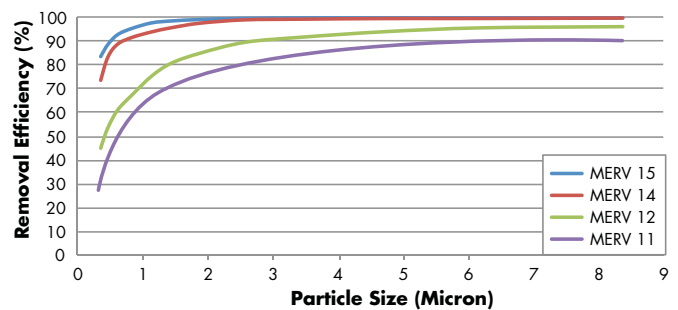
- High efficiency, meltblown, synthetic media
- Maximum surface use and superior air flow with uniform media spacing
- MERV 15 captures 85%+ of particulate between 0.3 – 1.0 micron size particles
- Now available with higher efficiencies! Select from: MERV 15, MERV 14, MERV 12, MERV 11



Initial Resistance vs. Face Velocity



Particle Size Removal Efficiency



## Synthetic Bag Filters

## Nano-Pak



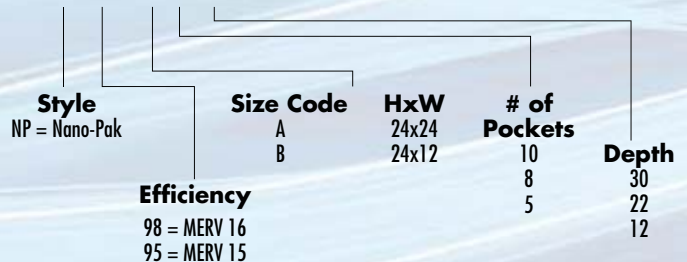
Positioning	Best	
Media	Revolutionary, patented NanoWave® media	
Efficiencies	MERV 16 MERV 15	
Initial Resistance	0.54" w.g. (NP98-A-8-30)	
Final Resistance	1.50" w.g. (NP98-A-8-30)	
Dust Holding Capacity	564g (NP98-A-8-30)	
Particulate Removal Efficiency on 0.3 – 1.0 micron size particles	MERV 16 captures 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

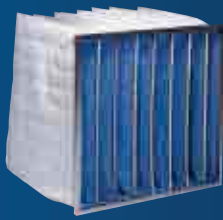
### Nano-Pak Model Number Format

Example Model Number:

**NP98-A-8-30**



## Defiant



Better

High loft synthetic media with scrim backing

MERV 15  
MERV 14

0.37" w.g. (D9508 24x24x26)

1.50" w.g. (D9508 24x24x26)

205g (D9508 24x24x26)

MERV 15 captures 90%+

24x24

24x12

30, 26, 22, 18, 15, 12

22, 18

8 on each depth  
6 on 26, 22, 18, 15

4, 3

Available upon request

Optional headers  
Optional gaskets  
Pocket loops

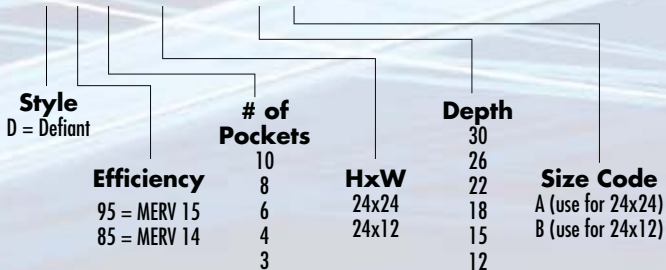
UL Standard 900

200°F

### Defiant Model Number Format

Example Model Number:

**D9508 24x24x30 A**



## Clean-Pak



Good

Commodity synthetic media

MERV 15  
MERV 14  
MERV 12  
MERV 11

0.40" w.g. (CP9-A-8-30)

1.50" w.g. (CP9-A-8-30)

199g (CP9-A-8-30)

MERV 15 captures 85%+

24x24, 24x12, 12x24, 20x20, 24x20, 20x24

10 – 36; multiple combinations available

3 – 10; multiple combinations available

Available upon request

Optional headers  
Optional gaskets  
Retainer covers  
Pocket loops  
Extender rods

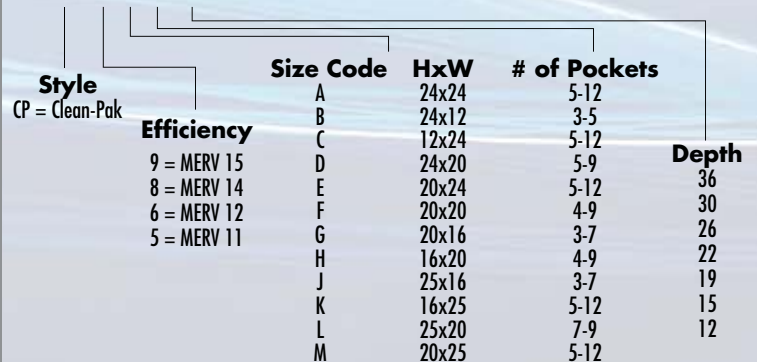
UL Standard 900

200°F

### 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®, ATI and Purolator™.



100 River Ridge Circle  
Jeffersonville IN, 47130

[www.clair.com](http://www.clair.com)  
[mailbag@clarcor.com](mailto:mailbag@clarcor.com)  
Phone 1.866.247.4827  
Fax 1.800.601.1809

© 2017 CLARCOR Air Filtration Products, Inc.  
CLARCOR Air Filtration Products, Inc. has a  
policy of continuous product research and  
development and reserves the right to change  
design and specifications without notice.