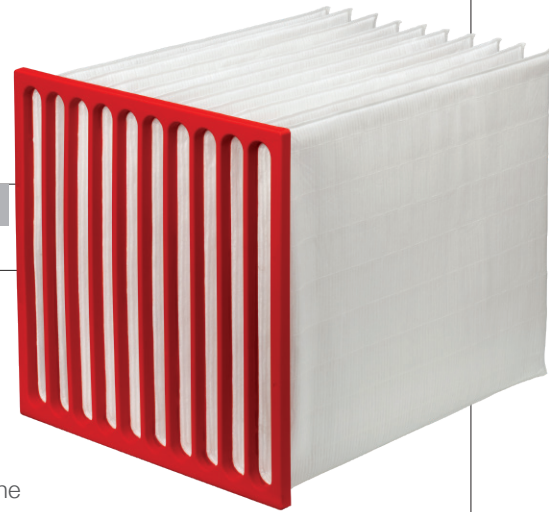


DriPak® NX

HIGH EFFICIENCY SYNTHETIC POCKET FILTERS



Designed to Perform

- Proprietary AAF Flanders design with stable Nanowave® tapered pockets for optimum airflow
- Highest Dust Holding Capacity (DHC) for extra-long filter life
- Next generation media eliminates need for prefiltration, drastically reducing overall operating costs
- Sturdy and lightweight injection molded polyurethane (PU) header for easy handling and maintenance
- Pockets are encapsulated during the header molding process to form a perfect seal between filter media and header
- Innovative construction eliminates the leakage potential found with mechanically fastened pockets
- Synthetic media with mechanical efficiency—ASHRAE 52.2 Appendix J certified performance
- Fully incinerable for minimized environmental impact
- Available in MERV 15/15A and MERV 13/13A efficiencies

Less Labor. Less Energy. More Performance.

Designed and engineered by AAF Flanders, the DriPak® NX pocket filters offer industry leading functionality and performance. It is the best choice for saving both time and money, while improving indoor air quality. With the lowest Total Cost of Ownership of all mechanical efficiency pocket filters, the DriPak NX filter will help protect your environment, reduce your business risk, and optimize your clean air spending.

The DriPak NX filter provides best-in-class performance for energy efficiency and ease of installation based on a unique combination of high tech filter material, pocket design, and ergonomic header construction. The filter can be used for a wide variety of applications, ranging from final filtration for office buildings to prefiltration for critical cleanroom processes. The DriPak NX filter combines high indoor air quality, environmental savings, and low operating costs for less labor, less energy, and more performance.

Improve Process Performance

The DriPak NX filter offers uncompromised performance with a combination of highly efficient synthetic media and an injection molded PU header for an airtight seal. The sturdy header configuration and stable tapered pockets optimize airflow for improved indoor conditions and easier filter handling and maintenance.

Optimize Clean Air Spending

With the exceptionally low energy demand of the DriPak NX filter, energy costs can be significantly reduced. Compared to an average pocket filter, this could save a substantial amount of money per filter per year. And when the filters must be changed, the lightweight and sturdy PU header and stable filter material can be changed more quickly which provides extra cost saving opportunities.

Innovative Design

The high filtration efficiency of the DriPak NX filter is a result of the optimized airflow through the stable, specially designed double tapered pockets. The unique double tapered pockets guide the air with a continuous velocity through the filter. The result is consistent high-quality air. This innovative design results in a more uniform use of the filter surface, trapping more dust and increasing the lifetime of the filter.

The PU header is engineered with rounded aerodynamic inlets, by which air distribution is optimized and pressure drop is reduced. Because the individual pockets are clearly separated from each other and form an airtight seal with the PU header, bypass of contaminated air is prevented and overall filtration performance is enhanced for better indoor air quality.



Injection Molded Polyurethane Header

Resulting in a lightweight and sturdy construction, easy and safe installation without sharp edges, while being fully incinerable.

Rounded Aerodynamic Inlet

Enabling an optimized air distribution, reduced pressure drop, and highly stabile construction.



Airtight seal with separated pockets

Ensuring a long filter life and improved filtration efficiency without bypass of contaminated air.

Consistent Air Quality

The DriPak NX filter, made with highly efficient synthetic material, belongs to the highest segment of pocket filters for commercial, industrial, and institutional applications. The extremely durable media of the DriPak NX filter retains its integrity with a high resistance to potential damage, such as mishaps in handling or installation. It has superior mechanical strength over filters with traditional fiberglass media. This means that the risk of filter media failure is minimized and that fiber shedding, which could cause contamination when entering the airstream, is eliminated. This superior product is designed for pre- and final filtration in the general air handling unit, for prefiltration of critical cleanroom applications, and for upgrading existing air handling to improve indoor environments.



Lower Energy Demand

The DriPak NX filter owes its unusually low energy use to its innovative design with stable Nanowave® pockets and optimum geometry, resulting in improved dust distribution for maximum dust holding capacity. In installations where the system design does not mandate two separate filter stages, the DriPak NX filter can also be operated without the use of prefilters, further reducing energy costs.

The combination of the PU header with tapered pockets and highly efficient synthetic media results in an extremely low initial pressure drop. The pressure drop increases gradually during its lifetime, which results in significantly less energy demand.

The DriPak NX filter is the most energy efficient pocket filter currently available on the market.

Improve Energy Efficiency and Facility Optimization

Half of a facility's energy costs are attributed to heating, cooling, and moving air. When HVAC systems are not maintained on time or as planned, they do not perform as they should, which can lead to unplanned expenses, safety risks, and downtime.

Proper filter selection and maintenance is essential to keeping HVAC systems operating effectively and efficiently. Filters are critical to your HVAC system's performance and can extend the life of the system components, decrease energy spend, and reduce labor burden, saving you time and money.

Studies have shown that energy costs are up

81% in facilities with deferred maintenance issues

71% of this increase is related to the HVAC system

Highest Ease of Maintenance

The injection molded PU header guarantees a lightweight and sturdy filter construction, enabling an easy and safe installation. Sharp edges and burrs, found with conventional metal headers, are absent as the PU header's corners and sides are rounded, minimizing risk at installation.

Instability issues, which can be experienced with plastic headers and can make maintenance more difficult and time consuming, are eliminated because of the PU header's high rigidity. A simple and correct installation into the filter frame is facilitated without damaging the filter. The low weight provides easier transportation on site, especially when working on different height levels or handling multiple products at once. Additionally, the DriPak NX filter is fully incinerable for minimized environmental impact.

Lower Total Cost of Ownership

Research has shown that, when upgrading an existing air filtration system with more efficient filters, the financial benefits exceed the initial costs of the more efficient filters. The DriPak filters are ideal for upgrading existing installations to achieve better indoor air quality and performance. Combined with the extremely low energy consumption and highest ease of maintenance, this results in lower lifecycle costs and total cost of ownership.



TCO Diagnostic®

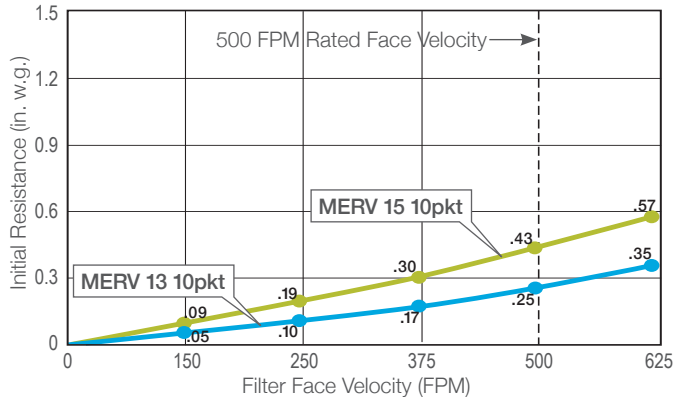
The first step in optimizing your clean air spending is to work through a Total Cost of Ownership (TCO) analysis. This locally optimized filtration analysis will provide the highest level air filtration solution, while minimizing your total life cycle costs. This is where AAF Flanders can take a true consultative and technical approach to understanding your complete air filtration needs, application, and business goals to optimize your performance and lower your TCO.

Using our advanced diagnostic software, AAF Flanders can provide the insight needed to help you identify a filtration solution that can reduce operational time and costs while increasing energy savings.

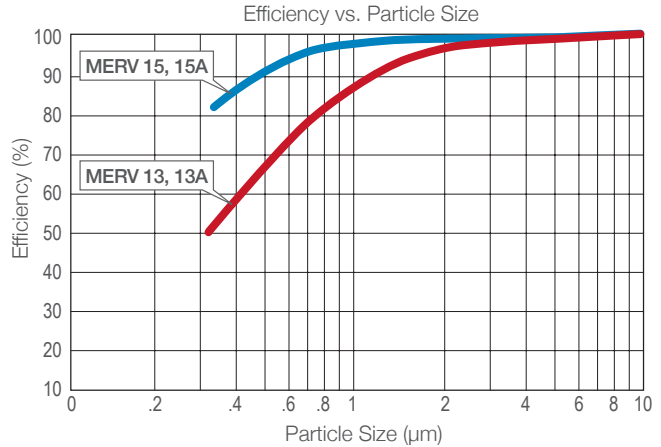
DriPak® NX Filters

Operating Data

Initial Resistance vs. Filter Face Velocity



Composite Minimum Efficiency Curve



[Tested in accordance with ASHRAE Standard 52.2, Appendix J.]

Product Information

Media
Highly efficient synthetic media stitched into pockets of AAF Flanders' proprietary design
Header
Injection molded polyurethane 1" nominal
Efficiencies
MERV 13, MERV 15
Face Dimensions
12 x 24, 24 x 24
Depths
22", 30"
Gasket (optional)
EPDM (flat gasket)
Max. Operating Temperature
160° F / 70° C
Classifications
UL Standard 900, CAN-4-S111

Standard Sizes

Efficiency	Nominal Size (inches) (W x H x D)	# Pockets	Media Area (Sq. Ft.)	Rated Airflow Capacity (CFM)	Initial Resistance (in. w.g.)
MERV 15	24 x 24 x 30	10	94.5	2000	.43
	24 x 24 x 22	10	69.3	2000	.55
	12 x 24 x 30	5	47.2	1000	.43
	12 x 24 x 22	5	34.6	1000	.55
MERV 13	24 x 24 x 30	10	94.5	2000	.25
	24 x 24 x 22	10	69.3	2000	.35
	12 x 24 x 30	5	47.2	1000	.25
	12 x 24 x 22	5	34.6	1000	.35

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AAF Flanders has a policy of continuous product research and improvement. We reserve the right to change design and specifications without notice.

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ISO Certified Firm

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