



The Next Big Wave in HVAC Filter Performance

At Hollingsworth & Vose, we design industry-leading filter media to achieve significant energy reduction and building decarbonization at the HVAC level. Our proprietary materials feature the best pressure drop to performance quotient to deliver healthy, clean air while minimizing total cost of ownership and maximizing energy efficiency.



NanoWave® is a synthetic media with a patented waved design that allows air to permeate the filter with less resistance. This results in much lower energy consumption of air handling units, while simultaneously creating more surface area for superior filtration.

Reduced Energy Consumption

The lower the pressure drop of the filter element, the lower the force of the HVAC fan and, therefore, the energy consumption. The more beneficial the pressure drop behavior over the lifetime of the filter, the more the utility expense is reduced.

The key to filter technology lies in the media, the performance layer of the filter.



Longer Life

The waved surface of NanoWave® enables 2-3x the dust-holding capacity of other synthetic and glass media resulting in longer-life filters with less service intervals needed.



Save Energy. Save Money.

HVAC pocket media designed for unsurpassed efficiency and energy savings



NanoWave®
A Hollingsworth & Vose Innovation

Building owners and facilities managers no longer have to choose between healthy air and the burden of higher energy costs.

NanoWave® empowers filters that help achieve energy reduction targets and fulfill corporate social responsibility (CSR) goals while ensuring a healthy indoor environment for occupants - the perfect *win-win* scenario for healthy buildings and a healthy bottom line.

What makes NanoWave® different?



SAFE

Entirely synthetic medium

NanoWave® is a fully synthetic (polypropylene) media that maintains its integrity.

There is minimal risk of exposure to loose fibers for operators during filter manufacturing, service technicians during installation and maintenance visits, and building occupants when the HVAC system is in use.



SUPERIOR

Extended filtration surface

Superior dust-holding capacity and significantly lower pressure drop compared to traditional synthetic media and glass mat. Best possible air quality and protection of people and processes. No unnecessary filter changes and less downtime translating into significant cost-savings.



INNOVATIVE

Patented wave design

Allows air to permeate the filter with less resistance resulting in much lower energy consumption of air handling units. Considerably lower overall costs and best possible protection against dangerous contaminants.



SUSTAINABLE

Energy-efficient and disposable

Can be easily and safely disposed of (e.g. incinerated), without any negative impact to the environment.

No time-consuming and unnecessary disposal costs. Sustainable solution that saves energy, protects people's health and the environment.



SCAN TO LEARN MORE

HV Hollingsworth & Vose® *Creating a Cleaner World™*