

NanoWave® Innovation for a Cleaner World™



NanoWave® is a breakthrough technology: **an answer to hazardous air pollution** and the need to **improve energy efficiency** in buildings.

NanoWave® is a patented synthetic filter medium that **provides extraordinary low pressure drop and superior dust-holding capacity** compared to traditional synthetic media and glass mat.

The usage of NanoWave® filter media guarantees a **significant increase in air quality and substantial energy savings** without any negative impacts on the environment.

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/maintenance and building occupants during HVAC system 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.

NanoWave® filter media are designed to suit various filter configurations for HVAC systems installed in:



Commercial and Residential Buildings

Homes, offices, schools, hotels, hospitals, restaurants, airports, data centers, shopping centers, stairwells

Industrial Buildings

Pharma and food and beverage production, cleanrooms, warehouses, power plants, steel mills, welding facilities

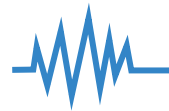


Achieves highest energy ratings



Meets all international filter performance standards

ISO 16890, EN 779:2012, ASHRAE 52.2



Can be processed on both conventional and ultrasonic equipment

Find the performance level you need

NanoWave® filter media are available in different performance levels and a wide range of filtration efficiencies, depending on the specifics of your application:

ELT NanoWave® ELT - Entry Level Technology

Cost-effective solution to higher dust holding capacity and lower pressure drop

LT NanoWave® LT - Leading Performance Technology

Superior performance and extraordinary low energy consumption

XT NanoWave® XT - Excellent Performance Technology

Highest filtration efficiency and unparalleled energy rating

CF NanoWave® Cut & Frame™

Innovative solution for residential applications

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