

# Commercial Indoor Air Quality

Natural and man-made pollutants are common sources of human illness and poor indoor air quality. To combat these pollutants, many industries rely on indoor air filtration materials. However, traditional synthetic air filter media are incapable of filtering sub-micron particles, such as fine dust, gaseous pollutants, VOCs, smooth particles, nanoparticles, and molecular contaminants.

H&V is dedicated to delivering innovative and high-quality filtration solutions to ensure optimal commercial indoor air quality. Our industry-defining line of technologies and products help to create cleaner, healthier, more sustainable commercial environments.

## About Hollingsworth & Vose

H&V is a world-leading provider of quality filtration materials designed to control temperature, humidity, and contamination. With over 100 years of history behind our products, H&V produces a wide array of solutions for industrial and commercial markets across 13 strategically-located facilities. We understand the importance of commercial indoor air quality and strive to deliver reliable and energy-efficient solutions designed to eliminate a wide range of contaminants.

efficiency, with up to a 50% lower pressure drop compared to standard cabin air filter media. Our cabin air filtration brands include Technostat® and Nanoweb™.



## Hollingsworth & Vose Filtration Solutions

H&V produces a wide variety of filtration solutions, including:

**Cabin air filtration.** Our Combi filters combine Technostat® filter media with activated carbon to remove gaseous pollutants and odors. This filtration solution provides the market's highest particulate

**Industrial & Commercial HVAC.** HVAC air filters work tirelessly to remove dust, pollutants, and microparticles from industrial HVAC systems. Our glass or 100% synthetic HVAC filter media exceeds global standards for filtration while offering immense energy savings at a lower pressure drop than leading manufacturers. Our industrial and commercial HVAC filtration brands include Technostat®, Nanoweb™, NanoWave®, and AlphaPerm™.

## H&V Filtration Brands & Features

H&V has patented multiple cutting-edge filtration technologies for commercial indoor air quality, including:



**Technostat®.** Technostat is a leading electret filter media capable of attracting sub-micron particles that often escape traditional filter media. Our patented design allows for unimpeded airflow by using specialized media capable of attracting fine dust particles, air contaminants, and aerosols without creating physical barriers. This technology is also highly energy-efficient and meets stringent filtration requirements. Our Technostat® technology is used for applications such as medical ventilators, spirometry, CPAP, respirators, cabin air filtration, and more.



**Nanoweb™.** This patented fine fiber filtration solution offers a very low pressure drop, high efficiency, best-in-class durability, industry-leading mechanical performance, and a low total cost of ownership. Nanoweb™ also features flame retardancy, high processability and pleatability, and 40% lower resistance than traditional microfiber glass medium. Applications include cabin air, appliances, cleanroom, gas turbine, HVAC, and many other high-efficiency filtration applications.



**NanoWave®.** Our renowned NanoWave® technology is an extended surface area synthetic filter media featuring our patented “waved” design. This filtration solution protects against hazardous air pollution by providing clean air while also lowering energy consumption in commercial, residential, and industrial facilities.

## Contact H&V to Learn More

H&V is committed to helping industries reduce pollutants to protect their workers. With our wide range of available filtration products, we can work with you to determine the ideal solution to ensure optimal commercial indoor air quality. To learn more about our innovative filtration technologies, [contact us today](#).