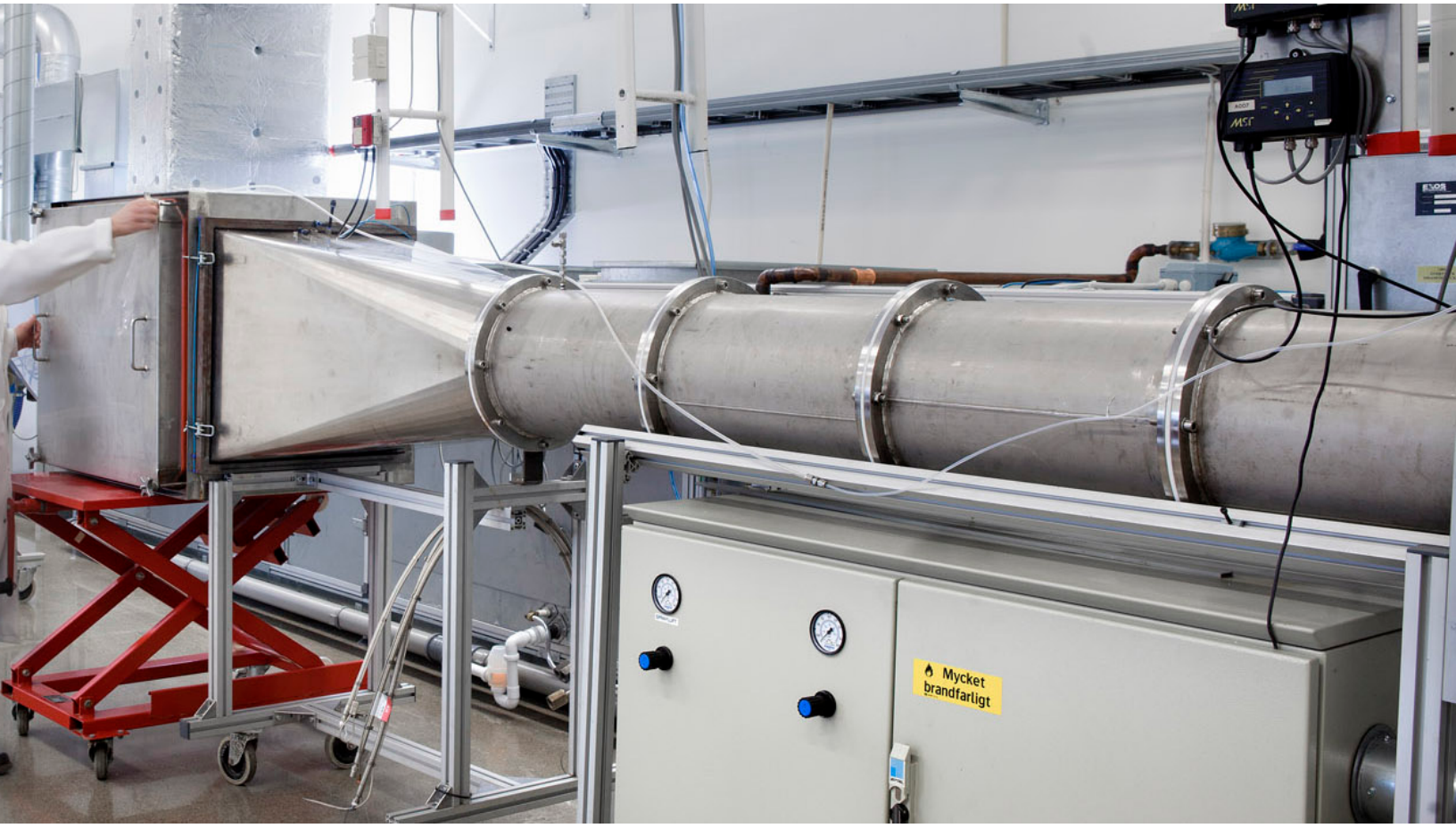

In this Camfil R&D facility in Trosa, Sweden, molecular filters are tested and classified according to ISO 10121-3

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First classification system of molecular filters for general ventilation - Enabling easier selection of the right filter

Stockholm, Sweden - Camfil, the leader in clean air solutions, welcomes the first classification standard ISO 10121-3 for molecular filters in general ventilation. This big step forward in molecular filtration classifications means that customers can easily select a specific molecular filter for general ventilation requirements e.g. in offices, public buildings and airports. The classification system also clearly shows the efficiency and capacity of a specific molecular filter.

“For the last 60 years Camfil has been selling molecular filters for general ventilation. One of the great challenges faced by our clients has been the lack of standards allowing a fair and reliable comparison between different filter solutions. As the WHO recently decided to tighten its recommendations on human exposure to ozone and nitrogen dioxide, the new ISO 10121-3 standard for gaseous contaminant is set to become a cornerstone for the entire HVAC industry, in the same way ISO16890 became a reference for particulate matters.” Alain Bérard, President Marketing and Sales and the world’s first Chief Airgonomics Officer.

Removing hazardous gases

Air pollution is a growing health concern worldwide as billions of people breathe in polluted air. The WHO has published an update of its Air Quality Guidelines in September 2021. In this it highlights, besides particulate matter, also several common gases in the outdoor air which are now classified as health hazards. With the ISO 10121-3 standard there is now a common measurement of how efficient gas-phase air cleaning devices are in removing hazardous gases such as, Toluene, Sulphur Dioxide (SO_2), Nitrogen Dioxide (NO_2) and Ozone levels.

What is ISO 10121-3?

This standard is the first molecular standard for general ventilation supply air filters for commercial buildings. It allows comparison over different filter models and form factors. Being able to set the minimum requirement for

molecular filters in Air Handling Units (AHU) provides a clear specification for consultants and end-users. The benefits are a simple way to compare the performance of molecular filters in general ventilation applications and more easily choose the right filters depending on the outside air quality.

To learn more about the standard, visit the ISO 10121 webpage or contact your local representative.

For more than half a century, Camfil has been helping people breathe cleaner air. As a leading manufacturer of premium clean air solutions, we provide commercial and industrial systems for air filtration and air pollution control

that improve worker and equipment productivity, minimize energy use, and benefit human health and the environment. We firmly believe that the best solutions for our customers are the best solutions for our planet, too. That's why every step of the way – from design to delivery and across the product life cycle – we consider the impact of what we do on people and on the world around us. Through a fresh approach to problem-solving, innovative design, precise process control, and a strong customer focus we aim to conserve more, use less, and find better ways – so we can all breathe easier.

The Camfil Group is headquartered in Stockholm, Sweden, and has 31 manufacturing sites, six R&D centres, local sales offices in 35 countries, and 5,200 employees and growing. We proudly serve and support customers in a wide variety of industries and in communities across the world. To discover how Camfil can help you to protect people, processes, and the environment, visit us at www.camfil.com.

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