



EXPERT
WEBINAR BY
EUROVENT

SELECTION OF MOLECULAR FILTERS FOR SUPPLY AIR FOR GENERAL VENTILATION, RATED ACCORDING TO ISO 10121-3

WEBINAR OUTLINE

Eurovent invites industry stakeholders to its expert webinar, in which members will present the Eurovent Industry Recommendation on the Selection of Molecular filters for supply air for general ventilation rated according to ISO 10121-3.

This webinar is tailor-made for all HVAC professionals dealing with ventilation systems, particularly designers, facility managers and manufacturers of equipment, including air filters. The core aim is to dive deeper into issues such as the importance of molecular filtration, the most significant gaseous pollutants and their impact on health, sources of information on local concentration of gaseous pollutants in ambient air, the principle of operation and types of molecular filters, and practical aspects of molecular filter exploitation.

KEY LEARNING POINTS

1. Understand why gas-phase filtration matters for Indoor Air Quality (IAQ) Learn how gaseous pollutants such as ozone, nitrogen dioxide, sulfur dioxide and VOCs affect health and why particle filtration alone is not enough
2. Recognise the differences between particle and molecular filtration Discover how molecular filters remove gaseous contaminants through adsorption and how they complement traditional particulate filtration systems.
3. Learn how molecular filters are classified according to ISO 10121-3 Explore the new classification approach based on pollutant type, capacity (vLD-HD) and average efficiency over the filter lifetime
4. Apply Eurovent guidance to select the right molecular filter Explore practical examples of molecular filter selection and learn how to determine the appropriate type and performance of gas-phase filters for ventilation systems.

ABOUT EUROVENT

Eurovent is the voice of the European HVACR industry, representing over 100 companies directly and more than 1.000 indirectly through our 16 national associations. The majority are small and medium-sized companies that manufacture indoor climate, process cooling, and cold chain technologies across more than 350 manufacturing sites in Europe. They generate a combined annual turnover of more than 30 billion EUR and employ over 150.000 Europeans in good quality tech jobs.

07 MAY 2026

14:30H – 15-15H

(BRUSSELS TIME)

AGENDA

#	Time slot	Topic	Speaker / Moderator
1	14:30-14:35	Welcome remarks and introduction to Eurovent	Dr Marc Schmidt
2	14:35-14:40	Why use gas-phase filtration? A holistic approach to indoor air quality (IAQ), including the impact of harmful gaseous pollutants	Karsten Howe
3	14:40-14:45	Particle filters versus molecular filters Differences in operating principles and an overview of gas-phase filter types.	Karsten Howe
4	14:45-14:55	Molecular air filter classifications Insights into ISO 10121-3 and the opportunities it provides to ensure the right indoor air quality.	Tobias Zimmer
5	14:55-15:05	Selection of molecular filters in practice Real-life examples of choosing the right type and performance of gas-phase filters.	Dr Thomas Caesar
6	15:05-15:15	Q&A and closing remarks	Dr Marc Schmidt

SPEAKERS



Dr Marc Schmidt
Vice President
Technologies Europe
AAF



Karsten Howe
Product Management
TROX



Dr Thomas Caesar
Vice-President Global
Filter Engineering
Freudenberg



Tobias Zimmer
Senior Vice-President
Public Affairs,
Sustainability
Camfil

CONNECT WITH US



[CLICK HERE TO REGISTER](#)