

EUROVENT 4/23 - 2022

SELECTION OF EN ISO 16890 RATED AIR FILTER CLASSES FOR GENERAL VENTILATION APPLICATIONS

FOURTH EDITION

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Eurovent, 80 Bd A. Reyers Ln, 1030 Brussels, Belgium
secretariat@eurovent.eu



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EUROVENT 4/23-2022: Selection of EN/ISO 16890 rated air filter classes for general ventilation applications - Fourth Edition Published

Stockholm, Sweden, 20th January 2022 - **Leading air filter manufacturer Camfil, welcomes the fourth edition of the Recommendation 4/23 that aligns with the 2021 World Health Organisation's (WHO) global air quality guidelines where the levels at which the main air pollutants are deemed harmful have been lowered, compared to the former WHO guideline from 2005.**

The main purpose of this Eurovent Recommendation is to increase awareness and provide a comprehensive guidance from the previous update, on the selection of EN ISO 16890 rated filters in general ventilation applications depending on the local outdoor air quality.

With people spending on average up to 90% of their life indoors, at home or in offices, schools, restaurants, shopping malls or cinemas combined with the continued global pandemic and outdoor air pollution; high quality indoor air is today a central focus for people in the workplace, schools and public buildings. It is a scientific fact that particular matter (PM) concentrations from airborne pollutants affects more people than any other pollutant and is associated to severe diseases such as asthma, allergy, lung cancer, cardiovascular and others.

This combined burden of associated disease and human health protection has led to higher filtration demands for most of Europe. Required knowledge and insights are needed for government, industry and business and the Recommendation 4/23 provides these as it is addressed to all HVAC professionals dealing with ventilation systems, particularly designers, facility managers and manufacturers of equipment incorporating air filters.

“This Recommendation of air filter classes depending both on the local outdoor air quality as well as on the specific application provides key insights for many industries and our customers seeking to address indoor air quality for the health and wellbeing of people as well as reduce energy consumption of air filters in general ventilation systems, alongside lowering CO₂ emissions,” said Tobias Zimmer, VP of Global Product Management and International Standards of Camfil.

“With those updated recommendations in line with the latest WHO air quality guidelines we can assist industries to address challenges in protection of people, indoor air quality as well as energy consumption,” continues Zimmer.

The contribution of the Eurovent Recommendation 4/23 is that it merges theoretical and practical aspects of designing Indoor Air Quality (IAQ) in terms of air filtration in spaces served by mechanical ventilation systems and it provides hands-on and effective advice for HVAC planners and manufacturers of ventilation equipment to correctly design filtration.

About Camfil

Camfil is a world leader in air filters and clean air solutions. For more than half a century, Camfil has been helping people breathe cleaner air. Camfil provides 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 the world around us. The Camfil Group is headquartered in Stockholm, Sweden, and has 30 manufacturing sites, six R&D centers, local sales offices in 30 countries, and 4,800 employees and growing. We proudly serve and support customers in a wide variety of industries and communities across the world. To discover how Camfil can help you to protect people, processes, and the environment, visit us at www.camfil.com

Related information

1. For enquiries on how to make the necessary upgrade or adjustments for your indoor environment reach out to a Camfil representative at our global locations, <https://www.camfil.com/en/about-us/about-camfil/camfil-around-the-world>
2. Eurovent Press Release <https://eurovent.eu/?q=articles/eurovent-publishes-updated-recommendation-423>

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.

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Contacts



Rose Avedissian

Press Contact

Global Marketing Director, Camfil Power Systems

rose.avedissian@camfil.com

+1 450 967 6777



Lynne Laake

Press Contact

Director of Marketing, North America

lynne.laake@camfil.com

+1 (513) 324-8346



Ola Skoglund

Press Contact

VP Group Marketing Communication

Group Marketing Communication

Ola.Skoglund@camfil.com

+46703492701