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Eurovent recommends minimum IAQ requirements

Brussels, 10 October 2024. Eurovent has published its recommended requirements to ensure Indoor Air Quality in non-residential buildings for human occupation. The requirements can be applied by HVAC stakeholders and policymakers.

Not least, the pandemic has shown that good Indoor Air Quality is crucial for people's health, comfort and productivity – and that it should be considered a basic need. This Eurovent document provides a set of hands-on minimum Indoor Air Quality requirements, which can easily be applied by policymakers when drafting harmonised legislation and by HVAC stakeholders when monitoring IAQ values in buildings. To achieve a healthy Indoor Air Quality, the document recommends maximum acceptable CO₂ levels and minimum outdoor airflow rates.

The Eurovent Product Group 'Air Handling Units' Chairperson Martin Lenz elaborated: "While extensive and detailed standards already exist for designing air handling systems to achieve optimal indoor environmental conditions, these procedures, though essential for detailed planning, are often too complex for policymakers to incorporate into building regulations and for the public to easily understand. As a result, there are frequently no legislative minimum requirements for Indoor Air Quality. This highlights the necessity for a simplified, easy-to-understand approach. I'm thrilled that we were able to develop such a document within the Eurovent community. Even in its simplified form, it has the potential to significantly impact building environments once integrated into legislation."

The document was published by participants of the Eurovent Product Group 'Air Handling Units' (PG-AHU), which covers air handling units for non-residential applications. It deals with air handling units and their components (e.g. air filters, energy recovery components, fans), often in cooperation with the specialised Eurovent Product Groups that cover specific components.

The document is ready for download on the [Eurovent website](#). For more information and resources about Indoor Air Quality, you can visit www.iaqmatters.org, a joint initiative of HVAC manufacturers in Europe and the Middle East, which provides solutions to ensure a healthy indoor climate.

Related documents and links

All related documents and links can be found below.

- Eurovent logo files
- Press images
- PDF version of the Press Release

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.

Mission

Eurovent's mission is to bring together HVACR technology providers to collaborate with policymakers and other stakeholders towards conditions that foster fair competition, innovation, and sustainable growth for the European HVACR industry.

Vision

Eurovent's vision is an innovative and competitive European HVACR industry that enables sustainable development in Europe and globally, which works for people, businesses, and the environment.

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