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New Eurovent Recommendation on AHU life cycle cost

Brussels, 23 April 2024. Eurovent has released an Industry Recommendation that provides a methodology to calculate life cycle energy consumption and costs of air handling units. It aims to support the environmental impact assessment of air handling units.

The 'Eurovent Recommendation 6/19: Life cycle cost calculation for AHUs' defines a standardised methodology for calculating the energy demand and the resulting life cycle costs (LCC) of air handling units to estimate the total costs of ownership of the unit over its lifetime. Since the energy demand of an air handling unit normally has a major impact on the overall environmental impact this publication can be seen as a very important step forward to ensure harmonised procedures to assess the product environmental footprint of air handling units. The calculation rules defined in Eurovent 6/19 are based on scientific basics and available standards, where available, related to the performance of components in air handling units including their characteristics in part load operation.

Martin Lenz, Chairperson of PG-AHU, stated: "We are convinced that this new Recommendation has significant importance to achieve a harmonised European procedure for air handling unit life cycle assessment. Furthermore, the methodology allows selecting the perfectly fitting air handling unit for each application based on environmental and economic aspects (total costs of ownership). It makes me proud that we were able to develop this very helpful method and recommendation with so many European experts from the Eurovent network. Special thanks to all the contributors."

This document was published by Eurovent and developed in a joint effort by participants of the Special Project 'Air Handling Units 2030' (SP-AHU1). The document can be downloaded free of charge in the Eurovent [Document Library](#).

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 Europe's Industry Association for Indoor Climate (HVAC), Process Cooling, and Food Cold Chain Technologies. Its members from throughout Europe represent more than 1.000 organisations, the majority small and medium-sized manufacturers. Based on objective and verifiable data, these account for a combined annual turnover of more than 30bn EUR, employing around 150.000 people within the association's geographic area. This makes Eurovent one of the largest cross-regional industry committees of its kind. The organisation's activities are based on highly valued democratic decision-making principles, ensuring a level playing field for the entire industry independent from organisation sizes or membership fees.

Our Member Associations

Our Member Associations are major national sector associations from Europe that represent manufacturers in the area of Indoor Climate (HVAC), Process Cooling, Food Cold Chain, and Industrial Ventilation technologies.

The more than 1.000 manufacturers within our network (Eurovent 'Affiliated Manufacturers' and 'Corresponding Members') are represented in Eurovent activities in a democratic and transparent manner.

→ For in-depth information and a list of all our members, visit www.eurovent.eu