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Eurovent publishes Polyvalent Unit Recommendation

Brussels, 15 August 2023. The Eurovent Task Force ‘Polyvalent Units’ (TF-POL) has released its first ever Recommendation on the seasonal efficiency index STER for polyvalent units. The Recommendation gives details on formulas used for obtaining STER index.

The Recommendation details a newly proposed seasonal energy efficiency parameter for polyvalent units called STER. It further outlines each detailed frame in three chapters. Chapter 1 explains the definition of what a polyvalent unit is and its functionality. Chapter 2 defines the standard climate profiles, operating hours, loads, and temperature regimes that are considered. The last chapter outlines the calculation method and formulas for obtaining the STER index and related parameters.

Alberto Ferrandi, Product Manager at BlueBox Group and Chairperson of the TF-POL stated: “Creation of a dedicated seasonal efficiency index for polyvalent units is the first important step to enhance market knowledge and understanding of these units. I am happy that together with the Task Force members, have managed to create this Recommendation which will be helpful in educating on the seasonal energy efficiency parameter for polyvalent units.”

This document was published by Eurovent and was prepared in a joint effort by participants of the Task Force ‘Polyvalent Units’ (TF-POL), which are comprised of participants from Product Group ‘Air Conditioners’ (PG-AC) and Product Group ‘Liquid Chilling Packages and Heat Pumps’ (PG-LCP-HP). The document can be downloaded free of charge in the Eurovent [Document Library](#).

Related documents and links

All related documents and files can be found in the respective sections in the right sidebar.

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