

EUROVENT CERTIFIED PERFORMANCE

We build trust.

Independent and impartial HVAC and refrigeration product certification programmes for:

- Indoor climate
- Ventilation and indoor air quality
- Process cooling and food cold chain

Building trust between construction stakeholders, to create healthy, comfortable, energy efficient and sustainable indoor environments.



WHY DO WE NEED PRODUCT CERTIFICATION?

To optimise energy performance, support decarbonisation, and face environmental challenges.

Today, professionals face many obstacles in complying with the objectives of decarbonisation and keeping pace with rapid regulatory change. In addition, with the fluctuating costs of energy, and the growing demand for cooling in buildings, supermarkets, and data centres, monitoring energy consumption is becoming key to reduce both the financial and environmental impact.

In this challenging and fast-moving context, where sustainability and whole-life costs are becoming increasingly important, reliable product performance has become a main driver for business decisions and product investments.

This is where certification brings true value. Eurovent Certified Performance allows all industry stakeholders to access and compare precise, independently verified, centralised, up-to-date performance data. With the energy efficiency and reliability of certified products guaranteed, Eurovent Certified Performance has become the gold standard for the heating, ventilation, air conditioning and refrigeration (HVAC&R) industry throughout Europe and beyond.

74%

of products sold in Europe hold Eurovent Certified Performance

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30

Eurovent Certified Performance certification programmes available

BENEFITS FOR INDUSTRY PROFESSIONALS, CLIENTS, INVESTORS, AND INSURERS

Certification is more than just a logo, Eurovent Certified products are trusted by specifiers, designers and installers worldwide.

For industry professionals, end users, those financing projects and insurers, the benefits of choosing certified products include:

PERFORMANCE AND SUSTAINABILITY:

- Assurance that HVAC&R systems will perform as expected, because they are designed on verified data, rather than manufacturer claims alone
- A guarantee that products comply with Regulations, Standards and Codes
- Proven energy efficiency to help reach sustainability goals, and keep running costs low
- Product surveillance keeps standards high
- Certification safeguards reputations. There is no having to 'take a chance' on manufacturer claims for performance, energy efficiency or reliability
- The Eurovent Energy Efficiency Label allows everyone to quickly and easily identify energy efficient products.

MONEY SAVING:

- Access to government and financial incentives as products have proven energy efficiency
- Less risk financially as products have been independently tested.

TRANSPARENCY:

- Access to transparent, accurate, universally understood data
- The 'certify-all' principal (attached to a large number of Eurovent Certified Performance programmes), means that manufacturers cannot pick and choose premium models for certification. Every model in the range has to be submitted and pass the certification criteria
- Certification brings choice and informed decision making, as products can be directly compared without bias
- Certification is voluntary and relatively inexpensive. Cost studies undertaken in 2021 showed that on average, Eurovent programmes cost manufacturers 0.14% of turnover.

If a manufacturer is not prepared to independently verify product performance, you should always ask why.

You can view and compare products online at www.eurovent-certification.com

BENEFITS FOR MANUFACTURERS

Voluntary Certification programmes hold significant value for manufacturers, who have gone above and beyond to prove the performance of their products.

Eurovent Certified products are trusted worldwide. This is a key selling point for manufacturers as certification:

BUILDS CUSTOMER CONFIDENCE:

- Certification guarantees product performance and that products comply with Regulations, Standards and Codes
- Provides clear, universally understood, verified performance data
- Creates choice as it allows for the direct comparison and selection of products
- Plus, the Eurovent Energy Efficiency Label helps manufacturers comply with energy labelling Regulations.

QUALITY AND INNOVATION:

- Enhances manufacturers own quality control protocols due to ongoing surveillance
- Encourages innovation and product evolution, with quality feedback useful for R&D teams
- Ensures no degradation factor is added to the performance of certified products
- Creates a level playing field and fair competition, as evaluation protocols are uniform across all products, countries, and continents.

TRADE AND EXPORT:

- Product certification offers a passport to export. Not only is Eurovent Certified Performance recognised internationally, but certification can be key to unlocking trade both within and outside of the European Union (EU).

470

manufacturer audits undertaken per year
by Eurovent Certita Certification

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5,500

certificates issued per year
by Eurovent Certita Certification

CERTIFICATION IS EARNED NOT BOUGHT

Trusted worldwide, Eurovent Certified Performance programmes independently verify product performance data, via a stringent and impartial certification process, which includes factory audits, software audits, and product testing.

TO KEEP CERTIFICATION FAIR:

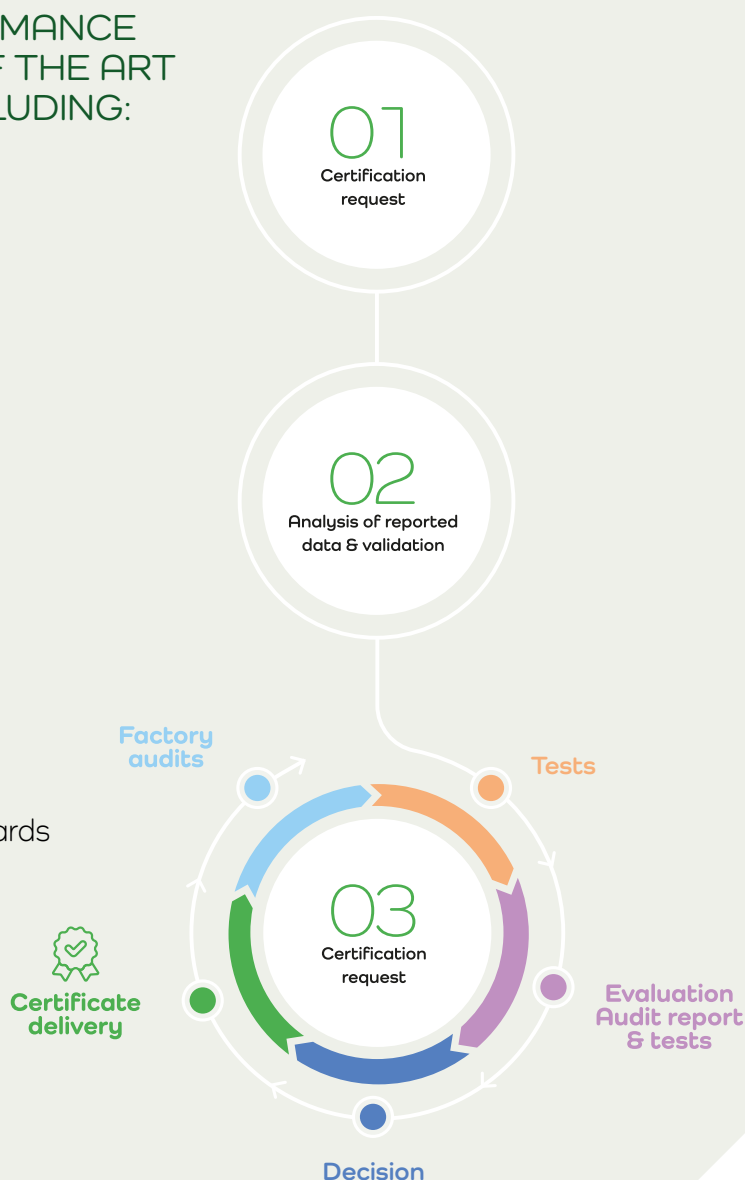
- All products within a programme are assessed according to the same criteria
- All results are expressed in the same unit of measurement – allowing direct comparison across a common language
- All products within the programme go through exactly the same certification, auditing and surveillance process
- Products with components manufactured across multiple sites (sometimes in different countries), must reach Eurovent certification standards.

EUROVENT CERTIFIED PERFORMANCE PROGRAMMES USES STATE OF THE ART EVALUATION PROTOCOLS INCLUDING:

- Independent laboratory tests
- Manufacturing audits
- Selection software checks
- Product sampling issued from factory
- Product purchase on the market (when possible)
- Data consistency algorithms crossed by product family

PLUS:

- Products are tested under conditions coming from European or International standards
- And most products undergo yearly surveillance monitoring to ensure standards remain high.



EUROVENT CERTIFIED PERFORMANCE PROGRAMMES

Our range of certification programmes cover domestic, commercial, and industrial applications in the fields of indoor climate, ventilation and air quality, process cooling and food cold chain:

VENTILATION & AIR QUALITY



Air Purifiers Eurovent (ACL)*
Air handling units (AHU)*
Air-to-air plate heat exchangers (AAHE)
Air-to-air regenerative heat exchangers (AARE)
Fans (FANS)
Hygienic Air Handling Units (HAHU)
Air Filters (FIL)*
Indoor Air Quality and Energy Efficiency (IAQVS)
Residential air filters (RFIL)
Residential air handling units (RAHU)
Ventilation ducts (DUCT)

PROCESS COOLING & FOOD COLD CHAIN



Cooling and heating coils (COIL)
Cooling towers (CT)
Condensing unit (CDU)
Evaporative Cooling (EC)
Drift eliminators (DE)
Heat exchangers (HE)*
Twin Coil Heat Exchangers (HRS-COIL)
IT Cooling Units (ITCU)
Liquid chilling packages and hydronic heat pumps (LCP-HP)
Refrigerated display cabinets (RDC)

INDOOR CLIMATE



Air conditioners (AC)
Chilled beams (CB)
Dual Fluid Systems (DFS)
Fan coil units (FCU)*
Heat pumps Eurovent (EUROVENT-HP)
Heat Interface Units (HIU)
Liquid chilling packages and hydronic heat pumps (LCP-HP)
Liquid-to-liquid Plate Heat Exchanger (LPHE)
Rooftop (RT)*
Variable refrigerant flow (VRF)

ENERGY PERFORMANCE LABELLING



The energy efficiency label developed by Eurovent Certita Certification helps planners, installers, OEMs, and end users select the most suitable product for their application. Energy efficiency classes range from A+ (for the highest energy efficiency) to E (for the lowest energy efficiency) to offer exactly the right answer regarding the level of energy efficiency required, whilst keeping it clear and simple.

(*) Programmes with Eurovent Certita Certification energy efficiency labels

ABOUT THE CERTIFIER

Providing a trusted, reliable, independent service to validate product and energy performance for HVAC and refrigeration products

WHO WE ARE

Eurovent Certita Certification is recognised as a world leader in third-party product performance certification, for the HVAC&R industry. Based on a voluntary approach, we certify nearly 50 programmes, including our flagship Eurovent Certified Performance mark, the NF mark, QB mark, Keymark, CE Trademark and MCS for Heat Pumps.

We've been certifying products since 1994 and hold a unique place in the industry. Our partner laboratories and agencies are located across the globe and are regularly assessed according to ISO/IEC 17025. All have been carefully selected for their ability to test products to our programme scope and exacting standards.

Eurovent Certita Certification is an accredited certification body, recognised by Cofrac with accreditation number 5-0517. The scope of accreditation is available on www.cofrac.fr. This not only certifies our competence as an inspection body, but also ensures we fulfil the highest standards in impartiality, fairness and integrity.

WHAT WE DO

By providing truly independent validation of product performance, our services build trust between construction stakeholders, create confidence in specifying and installing HVAC&R products, and reduce the risk in investing in sustainable technology.

We help manufacturers prove performance, with quality certification marks that differentiate their products from others on the market. Each programme is delivered by an expert team, dedicated to providing fair and transparent evaluation, so that products undergo the same route to certification, regardless of the size of manufacturer, market share or location worldwide.

We help specifiers, designers, installers and other construction industry professionals identify and compare sustainable HVAC&R products, that are compliant with regulations, perform as expected, and offer real-life energy savings for their clients.

Find out more at [**www.eurovent-certification.com**](http://www.eurovent-certification.com)

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