

THE EUROPEAN REFERENCE

Indoor climate

Ventilation & Air quality

Process Cooling & Food Cold Chain



**Certified
Product**

PERFORMANCES

Discover a top European Third-party certification body dedicated to guaranteeing worldwide consumers comfort and satisfaction via product performance certification.

A RELIABLE PARTNER

To optimise energy performance, support eco design, and face environmental challenges

Today, professionals face new challenges in complying with the objectives of carbon footprint reduction and addressing the constraints of building code regulations that require precise calculations based on performance data.

In addition, with the rising costs of energy and the growing demand for cooling in buildings, supermarkets, or data centers, monitoring energy consumption is becoming key to reduce both the financial and environmental impact.

In this challenging and fast-moving context, reliable product performance has become a main driver for business decisions and product investments. When it comes to reducing the energy bill, third-party certification offers a real value.

Trusted as a highly skilled and experienced partner, Eurovent Certita Certification has positioned itself as the number one certification Third-Party certification provider in Europe in the field of Indoor Climate, Ventilation and Air Quality, and Process Cooling & Food Cold Chain. We deliver independent and reliable expertise for residential, commercial, and industrial applications.

With over 20 years of experience, we have successfully worked with more than 600 manufacturers and have developed comprehensive voluntary certification schemes tailored to the needs of our participants in their specific markets and applications. Regardless of whether the expected benefits are technical, financial, competitive, organizational or process-oriented, there are many reasons to look at Eurovent Certita Certification. We warmly invite you to discover the numerous benefits Eurovent Certita Certification brings to its stakeholders on their specific activities:

- End users
 - Consultants, buyers, contractors
 - Investors and insurers
 - State authorities
 - Manufacturers
- 

SOLID INTERNATIONAL RECOGNITION

Built over 20 years of product performance certification

Eurovent Certita Certification's product performance certificates are recognised with a legal ground in a very large number of countries, thanks to mutual recognition arrangements, and are an international passport to trade.

As a certification body accredited by Cofrac-Accreditation 5-5017-Eurovent Certita Certification fulfils the requirements of the EN ISO/CEI 17065:2012 standards.

Cofrac is a signatory of the European co-operation for Accreditation (EA) Multi-lateral Agreement, that is recognised at an international level by the IAF (International Accreditation Forum). This means that the accreditation delivered by Cofrac to Eurovent Certita Certification is also recognised by the signatories of the IAF.

A list of EA members is available at the following website:
<http://www.european-accreditation.org/ea-members>

Third-party certification provided by Eurovent Certita Certification offers a valuable difference for products, which are identified with reknown and trusted certification marks. Beyond simple logos and labels, our marks provide the guarantees that equipment not only complies with the Standards but will perform as advertised.





END-USERS

Enhancing the consumer experience

Certification provides three important benefits for end-users that will guide them in their choice when purchasing certified products.

SAVING ENERGY AND MONEY

Certification helps to reduce energy costs and saves money. Based on product performance data that have been independently measured and verified, our online database allows clients to search between hundreds of certified models, enabling a fair product comparison to select the most cost effective solution.

And when it comes to quickly identifying the best energy-efficient system, end-users can also rely on our energy efficiency labels that will guide them in their decision thanks to a clear display of the energy class, from A+ to E. Our robust ranking method is based on regular measurements of the actual units by independent testing laboratories. As a result, expectations for energy efficiency are fully met.

GUARANTEEING COMFORT

Third-party certification, with its independent, stringent standards and processes, helps accelerate product improvements, enhancing the performance of certified products launched on the market. In addition to offering increased comfort, it also enables end-users to make healthy and sustainable product choices.

INCREASING CONSUMER CONFIDENCE

At last, our certification marks do not only give guidance but also confidence in the products. They guarantee that the products have been accurately tested and rated by an accredited and independent third party and that they conform to standards and will perform as advertised.



95,211
models

24/7
online access to
certified product lists
and performances

CONSULTANTS, BUYERS AND CONTRACTORS

Benefit from a fair and competitive market:
Dimensioning energy efficiency projects

Commercial buildings consume 40% of all electrical energy; with the introduction of the Energy Performance Building Directive (EPBD) in Europe, reducing energy consumption is one of the challenges consultants and contractors have to face. Dimensioning projects that assess the energy consumption of buildings and highlight its true cost quickly illustrate the power and value of certified data.

FAIR COMPARISON

The purpose of Eurovent Certita Certification is to create a common set of criteria for rating products, that apply to all manufacturers, thus increasing the integrity and accuracy of data while ensuring the needed level of transparency to guarantee a fair and competitive comparison.

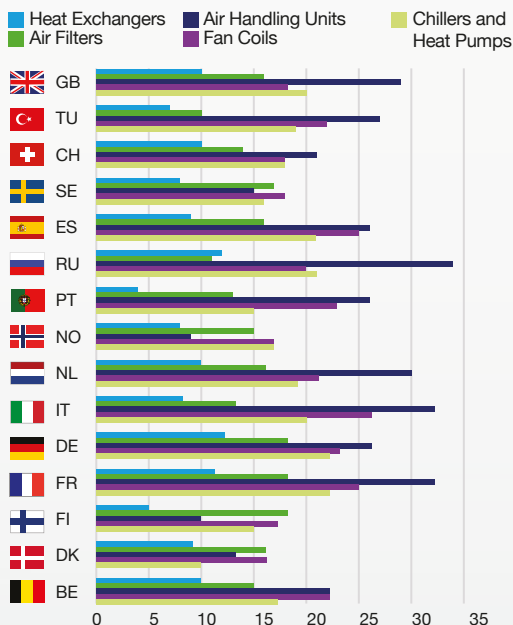
CERTIFICATION OF DATA

With over 95,000 models certified, our database provides professionals with all the information needed to dimension equipment and match the technical constraints of the specifications with the financial target of the project.

613

manufacturers
certified

MANUFACTURERS THAT SELL EUROVENT CERTIFIED PRODUCTS
- 2014 (in number) - Examples for 5 family products





INVESTORS AND INSURERS

Promising transparency and trustworthy services

As a public real estate director says:

“Energy efficiency is becoming more important in assessing the value of a building. Real estate managers recognise the importance of sustainable construction and search for well definable parameters to differentiate quality products with proven energy efficiency.”

Eurovent Certita Certification offers two important benefits for investors and insurers.

TRUST

Eurovent Certita Certification provides reliable information and is compliant with latest regulations. This information allows for fair comparison and enables the best energy-efficient solution to be implemented. The process is very simple as the Eurovent Certita Certification database provides 24/7 access to certified data and product performance reports.

TRANSPARENCY

The second benefit is transparency. Due to increasing market competition, projects now require more sophisticated solutions from trustworthy and ethical services. Eurovent Certita Certification provides the knowledge, tools, and strategies to effectively set investment objectives, evaluate and select HVAC-R products, and manage an investment portfolio.



744
trade-marks

We certify
manufacturers
from
44
countries



STATE AUTHORITIES

Enabling compliance monitoring to achieve environmental goals

Performance data certified by Eurovent Certita Certification is instrumental for State authorities to enable compliance monitoring. It provides valuable data to document and track market information.

Eurovent Certita Certification is an accredited certification body, trusted to deliver a consistently reliable and impartial service which meets the appropriate, internationally recognised standards.

INTEGRITY, INDEPENDENCE AND IMPARTIALITY

Third-Party certification offers guarantees of integrity, independence, impartiality and competence while remaining compliant with European Competition Laws.

- We operate with the commissions responsible for the harmonisation and the integrity of our certification programmes, including authorities, end-user groups, scientific and technical bodies, and manufacturer associations.
- All 30 laboratories and testing agencies that are a part of the Eurovent Certita Certification process are regularly assessed according to ISO 17025. They are located in 11 countries worldwide.
- Our testing protocols include independent tests, manufacturing audits, selection software checks, product sampling, product purchasing, cross data coherence algorithms per product family, and product dismantling after testing.



1,800
tests
per year

405
annual audits in
27
countries

5 to 20
industry leaders
in each
certification
programme

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graph TD
    A(( )) --- B(( ))
    B --- C(( ))
    C --- D(( ))
    D --- E(( ))
    E --- A
    A --- F(( ))
    B --- F
    C --- F
    D --- F
    E --- F
  
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Reinforcing competitiveness and saving costs

The Eurovent Certita Certification programmes have significant value for manufacturers who can leverage them to achieve higher quality standards and reinforce their production processes. Offering the opportunity for a fair competition, based on equal terms and comparable data, our programmes guarantee integrity and independence. They also clarify the performance between ratings for each range of products.

Our programmes help manufacturers to enhance their brand, win bids, and comply with government requirements. Furthermore, the most concrete and tangible advantage for them is fair competition.

WE SORT COMPETITION

Each independent test report within the Eurovent protocol is of major value for research and development and testing departments, as manufacturers are assessed in exactly the same conditions. It is a cost-effective way to benchmark products on the market.

WE DELIVER ROI

Eurovent Certita Certification offers cost saving opportunities as well as a high Return On Investment decision (a decrease in expensive customer witness tests, hard savings on the testing time required for new product development).

WE REINFORCE COMMUNICATION

By improving confidence between manufacturers and users as well as with specifiers, our programmes improve communication. Certification marks help enhance brands as they add direct value.

we deliver
2,672
certificates
each year



Online
product
performance
reports

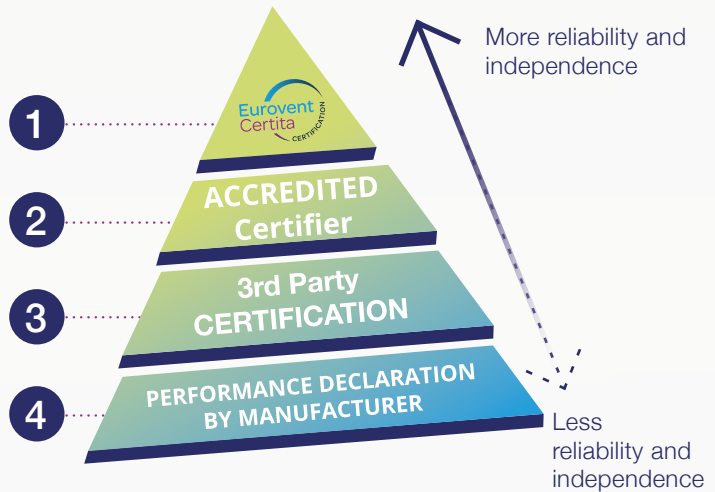
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ACCREDITED THIRD-PARTY CERTIFICATION BODY

The ultimate value

We outline the rules, procedures, and management for carrying out certification.

We establish specific requirements for a product, process, system, or body in collaboration with stakeholders. As a third-party certification body, we guarantee independence of the product data for the benefit of contractors, designers, specifiers, and manufacturers.



BEING AN ACCREDITED AND THIRD-PARTY CERTIFICATION BODY IS THE ULTIMATE VALUE THAT ALSO GUARANTEES EXPERTISE

- 1 EUROVENT CERTITA CERTIFICATION**
 - Over 600 manufacturers worldwide
 - 38 certification programmes
 - 66% of HVAC-R products sold in Europe are Eurovent Certified Performance-certified*

- 2 ACCREDITED CERTIFICATION BODY**
 - Certification protocols are verified and accredited
 - Certificate No5-0517 scope is available on www.cofrac.fr
 - Consumer trust relies on independence

- 3 THIRD-PARTY CERTIFICATION**
 - Complies to test and certification protocols approved by an independent body
 - Consumers and authorities are part of the validation process

- 4 PERFORMANCE DECLARATION BY THE MANUFACTURER**
 - Self assessment of the products' compliance with ISO and EN Standards
 - Consumer trust relies on the manufacturers' reputation

* Statistics valid for Chiller, Heat Pump, Fan Coils, Heat Exchanger, Filter within scope, 2014 data



EUROVENT CERTITA CERTIFICATION

Eurovent Certita Certification is a leading European certification body in the field of indoor climate, ventilation and air quality, and process cooling & food cold chain, with over 20 years of experience. We certify product performances according to both European and international standards, and our certification process includes yearly factory assessment audits, software audits, and third-party product testing. Based on a voluntary scheme, our certification is open to all manufacturers as well as to distributors who can apply via our Brand Name scheme.

Whether in response to the rapid growth of hybrid systems involving multiple energy sources or technologies, or to new directives and regulations, Eurovent Certita Certification's mission is to continuously adapt its programmes, methods, and protocols to meet the expectations of the market and its stakeholders.

Eurovent Certita Certification is headquartered in Paris, and over 80% of its certification activities are international.

Our dedicated team of 45 people operates 38 certification programmes and certifies over 95,000 models.



66%
of HVAC-R products
sold in Europe are
ECP-certified

3,761
product ranges
certified

www.eurovent-certification.com | www.certita.fr
Contact us: apply@eurovent-certification.com

38 CERTIFICATION SCHEMES

For domestic, commercial, and industrial facilities

INDOOR CLIMATE



Air cleaners
Chilled beams
Close control air conditioners
Comfort air conditioners
Domestic appliances that use liquid or solid fuels
Domestic solar water heaters
Fan coil units*
Heat pumps
Liquid chilling packages and hydronic heat pumps*
Mobile liquid fuel heaters
Radiators
Rooftop*
Solar processes
Temporal variation of thermostatic valves
Thermostatic radiator valves
Variable refrigerant flow
Multi-energy systems

PROCESS COOLING & FOOD COLD CHAIN



Bulk milk coolers on farms
Cooling and heating coils
Cooling towers
Drift eliminators
Heat exchangers*
Liquid chilling packages and hydronic heat pumps
Refrigerated display cabinets*
Heat Recovery Systems – Coil

VENTILATION & AIR QUALITY



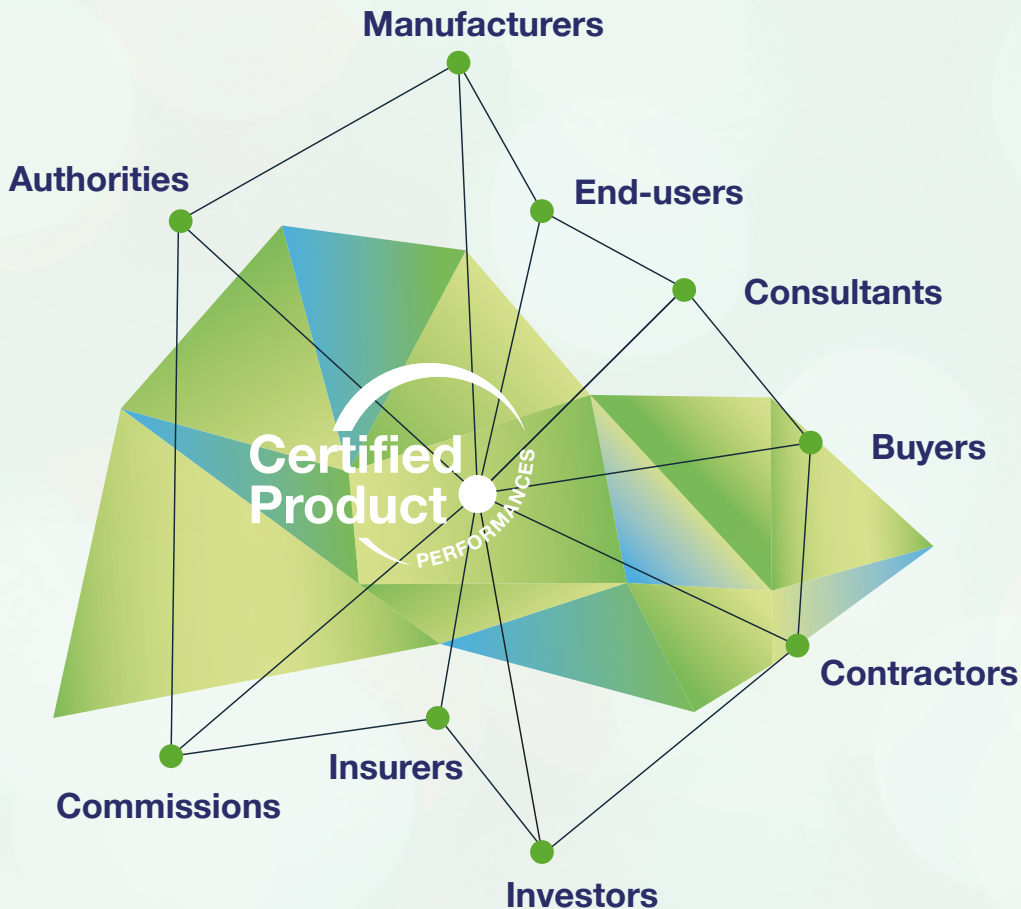
Air cleaners
Air handling units*
Air-to-air plate heat exchangers
Air-to-air regenerative heat exchangers
Chimneys and ducts
Chimneys and metal linings
Clay/ceramic chimney products
Controlled mechanical ventilation
Humidity-controlled ventilation
Medium and fine air filters of the M5-F9 class*
Residential air handling units
Ventilation ducts
Hygienic Air Handling Units

AN ENERGY EFFICIENCY LABEL TO MAKE THE RIGHT CHOICE



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 ECC energy efficiency labels



www.eurovent-certification.com | www.certita.fr

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