

European Certification of HVAC&R products

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

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 Third-Party certification provider in Europe in the field of Indoor Climate, Ventilation and Air Quality, Process Cooling & Food Cold Chain.

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. We deliver independent and reliable expertise for residential, commercial, and industrial applications. We certify product performances according to both European and international standards, and our certification processes include yearly factory assessment audits, software audits, and third-party product testing.

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.

The challenging normative and regulatory background in the fields of HVAC&R induces a complex environment. Assessing the quality and compliance of products is getting more and more difficult for end-users. In this context the Eurovent Certita Certification provides an easy and straightforward way to get up to date, trustful and exhaustive data.

Such information can be (and are already) used in various voluntary and regulatory compliance schemes.

With this special issue of the RHEVA journal, we welcome the opportunity to present our Third-Party performance certification expertise and know-how.



ERICK MELQUIOND
President
Eurovent Certita Certification

Consultants, buyers and contractors benefit from a fair and competitive market, supporting the dimensioning of energy efficient 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.

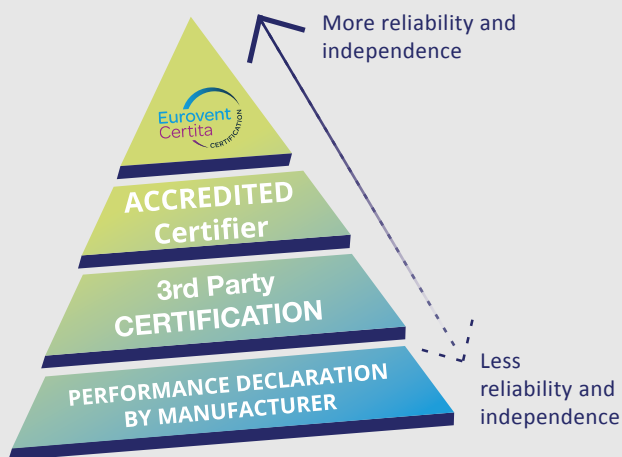
The mission of Eurovent Certita Certification is to create common set of criteria for rating products, that apply to all manufacturers, thus increasing the integrity and accuracy of data while ensuring the needed level of transparency to guarantee a fair and competitive comparison. With over 95,000 models 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.

Third-Party certification enables 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.

Third-party certification offers more than product testing

Integrity, Independence and Impartiality



- 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.

Product performance certification delivered by Eurovent Certita Certification plays a key role to ensure transparency and deliver high quality and reliable data

Certified data can be used in many instances: tax incentives, national implementation of EPBD, building energy labels, green public procurements, white certificates. As certified performances provides confidence in the quality and the compliance of the products they can be required in voluntary schemes (e. g. building energy labels, green public procurements, white certificates) or being considered with an advantage over non certified products in regulatory schemes (e.g. national implementation of EPBD).

Example of such use can be found in the French Building energy efficiency calculation method which applies a penalty for non-certified heat-pumps and air to air heat exchangers. Consultancies use approved software in order to assess the compliance of a building with the French EPB regulation (RT 2012). These softwares are linked to database of products which are fed directly with Eurovent certified performance data.

2019: a new website and a fresh look with our online directory for a fair comparison of certified product performances

With more than 300 certified trademarks, and 50 000 references, all certified references and performances are listed in our online directory freely available www.eurovent-certification.com. For each product category, characteristics and certified performances are listed according to the same data structure and the latest European and international standards.

Coming soon... New certification programmes

Condensing units

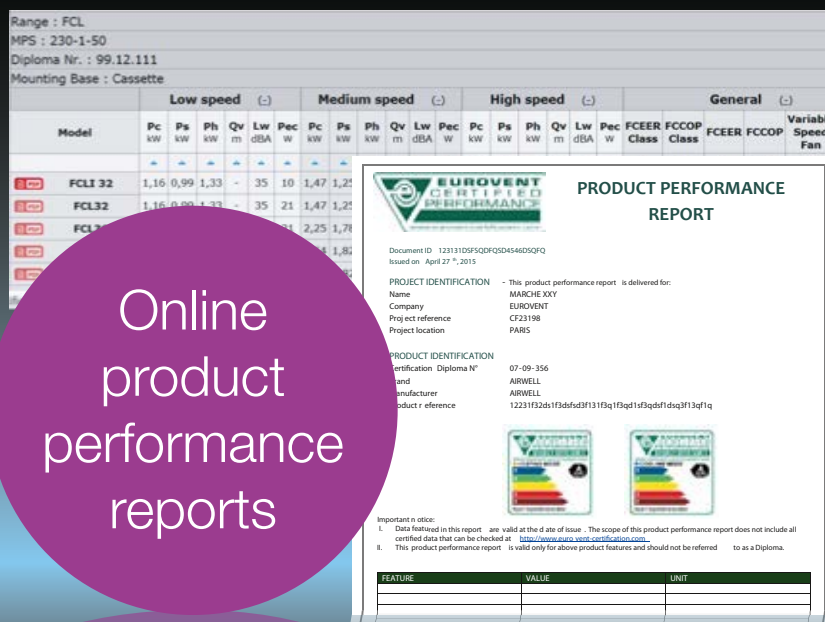
In 2018 we successfully launched our certification programme for condensing units designed for commercial and industrial refrigeration applications. The scope is intended to include air-cooled condensing units as defined in regulation 2015/1095:

- integrating at least one electrically driven compressor
- integrating at least one condenser, capable of cooling down and continuously maintaining low or medium temperature inside a refrigerated appliance or system, using a vapour

By a simple, 24/7
connection to our website

www.eurovent-certification.com

you can download
Product Performance Reports
that provide detailed performance
features and values such as the
COP (Coefficient Of Performance)
or the **Sound Power Level**.



Online
product
performance
reports

compression cycle once connected to an evaporator and an expansion device.

All information available soon on our website www.eurovent-certification.com

Beverage coolers and plug-in refrigerated display cabinets

We invite all manufacturers and distributors of refrigerated display cabinets and/or beverage coolers to join our next launching committee where you will contribute to defining the rules to be applied to your equipment.

The **Launching Committee (LC)** oversees the specific requirements for product evaluation by preparing the relevant reference documents as well as guidance on the choice of laboratory.

Should you be interested in participating or just willing to get further information: Please contact us at d.bibalou@eurovent-certification.com ■

Exhibitions in 2019 – Come meet us

28-30 Jan	HVAC-R expo Saudi
7 Feb	EnerJ Meeting
13-15 Feb	BePositive
20-22 Feb-2	Refrigera
28 Feb-2 March	Acres India
4-7 March	Climate World
11-15 March	ISH
12-13 March	Data Centre World
9-11 April	China Refrigeration Expo
26-29 May	Clima 2019
10-13 Sept	Febrava
2-5 Oct	ISK Sodex
5-8 Nov	Interclima
19-21 Nov	SIFA

Find all our information on our website: www.eurovent-certification.com