

HVAC & REFRIGERATION

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A world of applications

LENNOX EMEA brands

FRIGA-BOHN

HK REFRIGERATION

LENNOX

www.lennoxemea.com

Who we are...

LENNOX EMEA (Europe, Middle-East, Africa), part of Lennox International Incorporated (LII) is a leading provider of climate control solutions for heating, air conditioning and refrigeration markets and has the commitment to assisting its customers in their projects, to provide optimized and sustainable solutions.

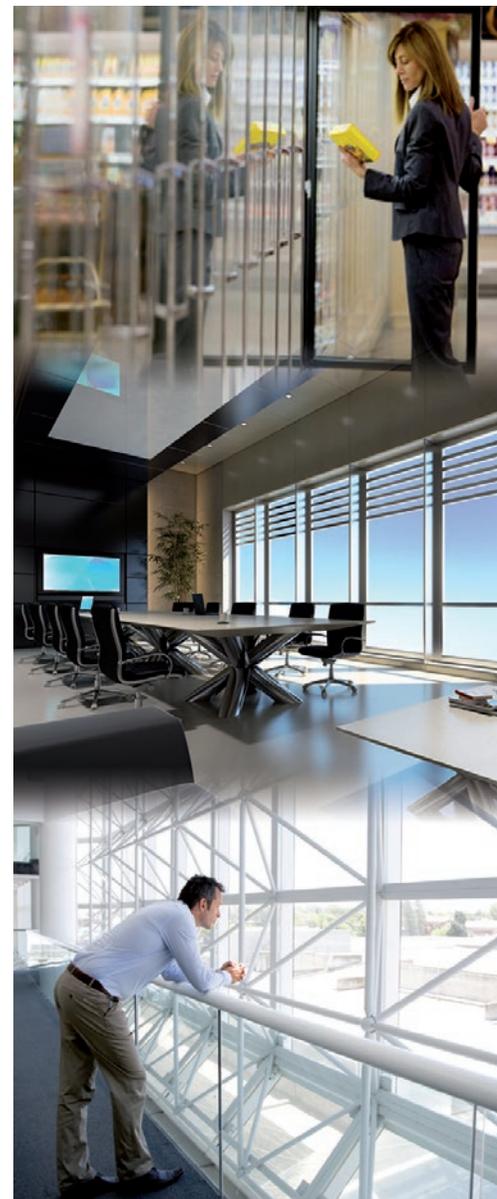
LENNOX EMEA ensures that each employee flourishes within the group, so as to contribute to the success of our customers' projects. Every day we develop our reputation by providing maximum comfort and efficiency through our air conditioning and refrigeration solutions.

Our reputation as a leading market player is based on simple principles that guide our action: capacity to listen to our customers, knowledges of their fields of applications and understanding of their needs.

The devotion and expertise of all employees of **LENNOX EMEA** are key assets in building the trust shown to us by our customers every day and in ensuring the continuity of our relations.

More than ever, **LENNOX EMEA** is committed to meeting the challenges of tomorrow, by your side.

Ricardo FREITAS
VP, Managing Director LENNOX EMEA



Facts & figures



9 800
people

3,67 Billion \$ turnover in 2018
Quoted on NYSE



900
people

Commercial presence
in **46** countries

3
European production sites

1 HVAC&R
European development center

Quality standards :
ISO 9001
Environmental standards :
ISO 14001
Occupational health and
safety management systems^(*) :
OHSAS 18001



LENNOX EMEA University,
more than **700** hours of bespoke training provided each year
for our teams and our customers' teams

3 commercial brands



(*) : Longvic production site

Covering the EMEA zone

■ HEAD OFFICE EMEA

Mions (France)

■ EUROPEAN PRODUCTION AND R&D SITES

Burgos (Spain): Plant

Dijon, Genas (France): Plants

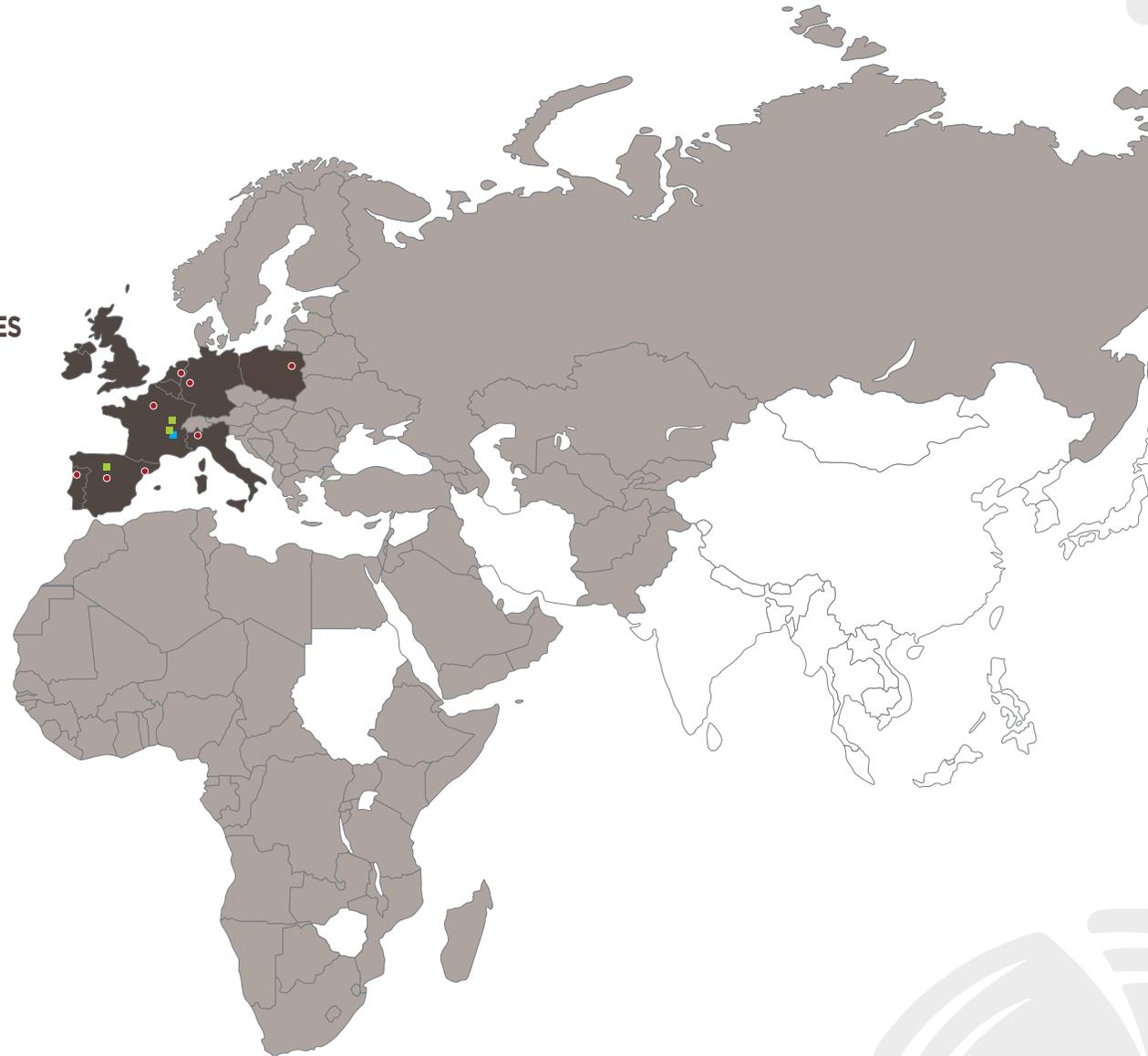
Mions (France): European Development center

● SUBSIDIARIES AND REPRESENTATIVE OFFICES

Belgium and Luxembourg, France, Germany, Italy, Poland, Portugal, Spain, The Netherlands, United Arab Emirates, United Kingdom.

■ CURRENT DISTRIBUTION NETWORK

Algeria, Bahrain, Belarus, Botswana, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Ghana, Greece, Hungary, India, Iraq, Israel, Jordan, Kazakhstan, Kuwait, Latvia, Lebanon, Morocco, Norway, Oman, Romania, Russia, Serbia, Slovakia, Slovenia, South Africa, Sweden, Switzerland, Tunisia, Turkey, Ukraine, Yemen.



Our production centers

LENNOX EMEA has 3 production sites located in France and Spain.

Customer focus and Lean concept has driven the evolution of these factories for years, and result in a very flexible and efficient organization ready to meet customer needs, even outside our standard portfolio.



■ GENAS (FRANCE)

(Lyon area)

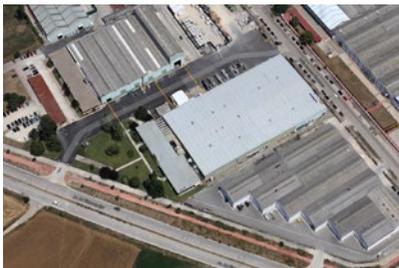
This 14000 sqm plant produces medium and large scroll chillers as also refrigeration equipments. This plant is also fully autonomous in sheet metal manufacturing.



■ LONGVIC (FRANCE)

(Dijon area)

This 13000 sqm plant is dedicated to rooftop assembly, with its own sheet metal facility.



■ BURGOS (SPAIN)

(between Madrid and San Sebastian),

This 7000 sqm plant produces monobloc units and ductable splits, small and medium chillers and rooftops.



LENNOX

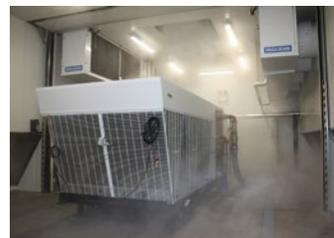
Our commitments

INNOVATION

Technologies evolve, regulations too: the **LENNOX EMEA** R&D teams work to invent solutions that, day after day, improve the lives of our customers, responding to ever changing expectations :

- Ease of installation
- Energy efficiency: how to provide the highest level of comfort while minimising energy costs
- Reduction of maintenance frequencies and costs
- Common solutions between HVAC and Refrigeration
- Environmentally friendly solutions

We focus on the overall cost of use of our solutions, from the start to the end of their lives.



LENNOX EMEA IS REALLY FOCUSED ON INNOVATION AND JUST BUILT A BRAND NEW DEVELOPMENT CENTER

This European development center, located in Mions (Lyon area, France), has been designed to handle tests for both medium to high capacity HVAC products and Refrigeration equipments, and is qualified for welcoming external inspectors for yearly Eurovent campaigns on Rooftop and Chillers (full load, seasonal efficiencies).

On a 4000 m² site, product ranges are tested in one of our 5 tests chambers including Rooftop room, Chiller rooms, Refrigeration room and 2 Lifetest cold rooms.

The Rooftop room is the largest in Europe, able to qualify units up to 250 kW cooling capacity and 45.000 m³/h airflow. The tests can be run for temperatures between -15°C to +55°C.

Chiller units in cooling only or heat pump version up to 750 kW are qualified in dedicated rooms, between -20°C and +55°C.

These test capabilities allow us to optimize and control seasonal efficiencies of all of our units.

For chillers and rooftops, the tests are run according to new EN 14825 eco-design standard.

Our commitments

QUALITY



As stated in our QSE Policy, **LENNOX EMEA**, with its employees and shareholders undertakes to supply its customers with products and services whose quality meets their requirements and expectations, both implicit and explicit.

To do so, a dedicated Quality team, reporting directly and independently to the **LENNOX EMEA** General Management, works closely with every department to ensure that products and services meet our customers expectations at all time.

In all departments we are developing continuous improvement processes and all our production centers are ISO 9001 and ISO 14001 certified, audited twice a year by our certification companies - SGS in Spain and LRQA in France. Our Longvic plant is also ISO 18001 Certified.

We deeply consider that our true Quality metric is our customers' satisfaction.

TRAINING CENTER



To increase your competitive advantage in an ever changing technological and regulatory environment, for refrigeration and air conditioning, **LENNOX EMEA** offers you a European training center, to :

- Improve your operational knowledge
- Optimise your professional activities
- Become more competitive.

Modern and innovative, in Lyon, at the heart of one of our European manufacturing site in France, this complex benefits from all the experience and technological resources you would expect of an international manufacturer.



LENNOX EMEA University offers:

- Practical experience on a complete range of equipment
- Tailored courses
- Alternate theoretical and practical modules
- E-learning modules

Your partner for sustainable solutions



SUSTAINABLE PERFORMANCE

Perfectly aware of the importance of all ecologic issues, **LENNOX EMEA** is involved in :

- Planning and making commitments for the long term, conducive to the fulfilment of everyone's needs and the development of ever more efficient and environmentally friendly solutions.
- Answering high environmental standards by developing low GWP solutions, respecting all environmental directives and our customers needs in energy consumption savings.
- All of our products, developed by a team of technical experts, meet the normative requirements Ecodesign and F-gaz. The design of products with natural fluids such as CO2 is a major axis of development of **LENNOX EMEA**.

We are eager to support our customers in these regulatory developments and offer them the best systems and services.

Our services

LENNOX SERVICE SUPPORTS YOU THROUGHOUT THE LIFE CYCLE OF YOUR PRODUCTS AND OFFERS TAILOR MADE SERVICES



LENNOX

HVAC



ROOFTOPS | ROOMTOPS



CHILLERS | HEAT PUMPS



AIRSIDE PRODUCTS | CLOSE CONTROL UNITS | SUPERVISION



UNIT COOLERS



CONDENSERS | DRY COOLERS



SPLIT SYSTEMS | COMPRESSOR RACKS



A world of applications

LENNOX EMEA, THE PARTNER FOR YOUR PROJECTS

LENNOX EMEA listens to your needs, then offers a set of systems and services that meet the demands of your business and help you optimise your investments.

With its **FRIGA-BOHN**, **HK REFRIGERATION** and **LENNOX** brands, our group is a major global player in the air-conditioning and refrigeration markets able to offer appropriate solutions for all your applications with a focus on consulting and proximity.



**CAFÉS
RESTAURANTS**



**PROCESS
KITCHENS**



INDUSTRY



**CONVENIENCE
STORE**



**NON
FOOD
RETAIL**



**DATA
CENTERS**



**FOOD
RETAIL**



**SHOPPING
MALLS**



ENERGY



**STORAGE
AND LOGISTICS**



**OFFICE
BUILDINGS**



**FOOD
PROCESSING**



HOTELS

CAFES / RESTAURANTS



Our systems and associated services will be real assets and will provide your customers with optimal comfort, while ensuring the quality of preservation of your foodstuffs.



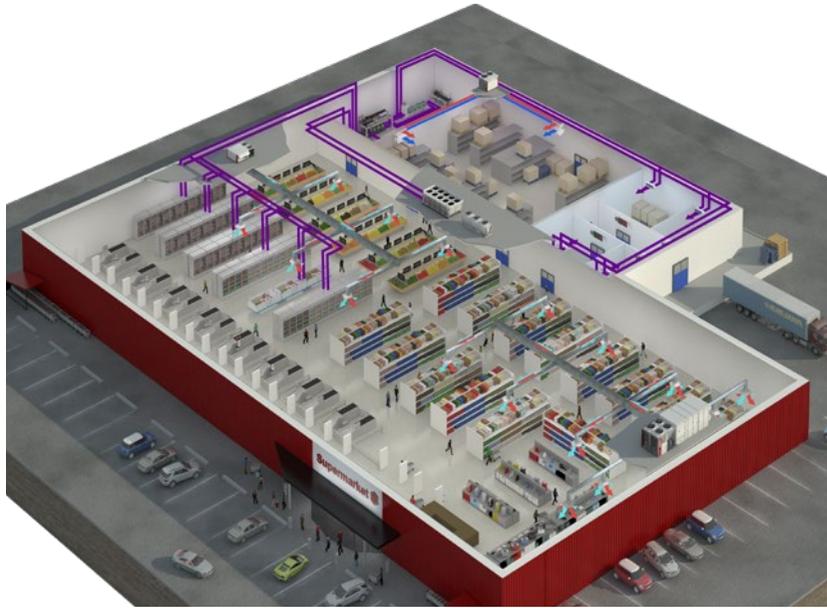
CONVENIENCE STORE



The establishment of a business in urban areas must meet particular acoustic requirements and space optimization. Attentive to these needs, we propose a set of adapted systems and services.



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FOOD RETAIL



Our air conditioning and refrigeration systems, ensure you an optimization of your energy expenses, while ensuring the comfort of your customers and the conservation of your foodstuffs.



STORAGE AND LOGISTIC



The precise control of the hygrometry and the air quality produced by our systems will allow you to store the different goods in the optimal conditions and adapted to each need.



PROCESS KITCHENS



The reliability of our solutions will ensure the comfort to work for your employees, but also a real comfort for your users and the continuous preservation of your foodstuffs.



FOOD PROCESSING



We offer tailor-made, high-reliability solutions that meet the regulations and quality requirements of your business.





HOTELS



Our air conditioning systems will provide acoustic comfort and air quality to your customers, which will make their stay more enjoyable.



OFFICE BUILDINGS



Listening to your needs, we offer a set of systems that meet the requirements in terms of air quality and temperature control required in office buildings.



NON FOOD RETAIL



We study your needs to establish a solution that meets your expectations. The quality of the air, the precise control of humidity and temperature will plunge your customers in a favorable universe for consumption. Our solutions bring you comfort, while respecting the environment in which you develop your activity and by optimizing your investment.



SHOPPING MALLS



The quality of the air and the adaptation of the temperature according to the affluence ensured by our solutions, will offer your customers the most favorable environment for consumption. A taste for comfort, while respecting the environment in which you develop your business and optimizing your investment.

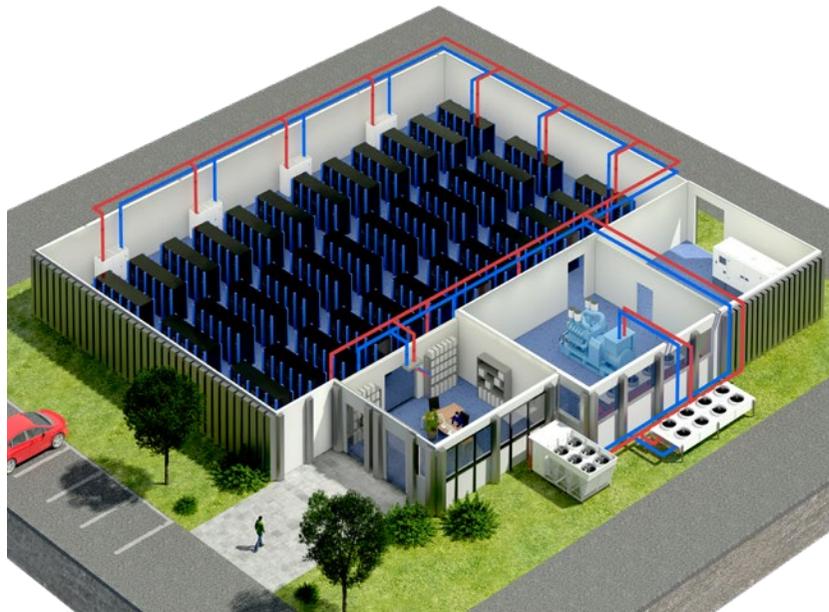




INDUSTRY



Our solutions ensure both the optimization of your energy expenses, but also a working comfortable environment essential to the efficiency of your employees.



DATA CENTERS



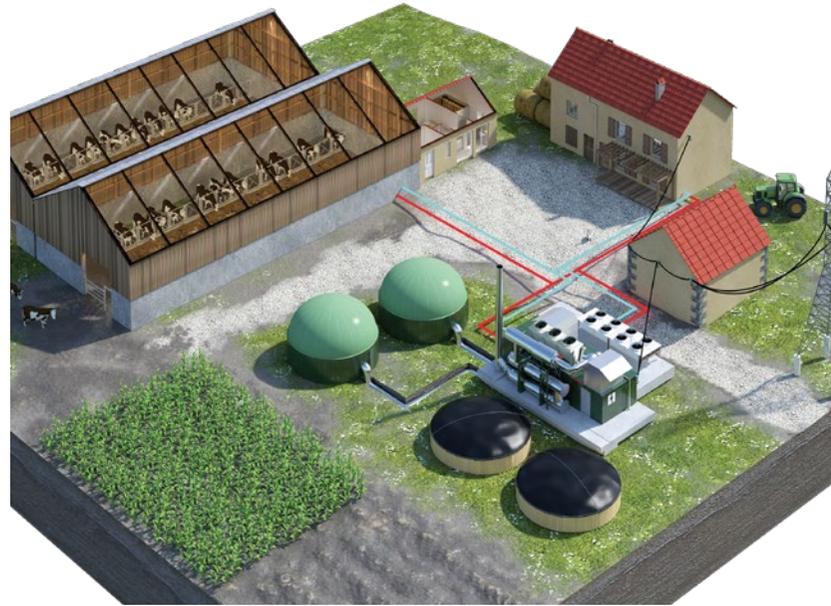
The storage of computer data is a sensitive process that requires a seamless set of systems and services. We know how to meet this need and can guarantee the safeguarding of your computer equipment under optimal conditions.



ENERGY



In terms of energy and cogeneration our systems are designed to offer you a sustainable and optimal performance: adapted sound level, small footprint, low energy consumption and ease of maintenance will be real benefits for your operation.



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