

Naturally,
LU-VE makes it better



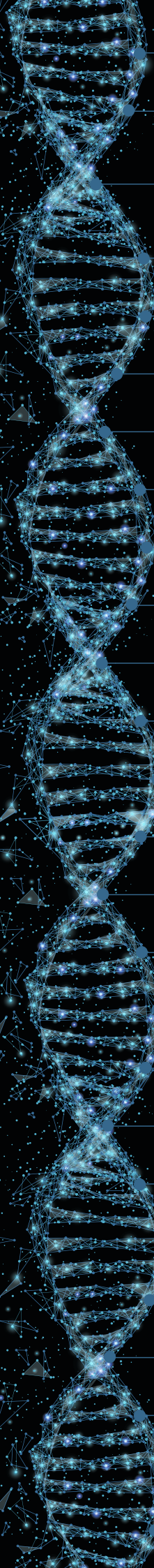
MANUFACTURING OVERVIEW

The Group

LU-VE Group, listed on the Euronext STAR Milan, is one of the three major manufacturers in the world in the air heat exchanger sector. The HQ is in Uboldo (Varese, Italy). LU-VE Group is an international company consisting of **20 manufacturing facilities** in 9 different countries (Italy, China, Finland, India, Poland, Czech Republic, Sweden, Russia and the USA) with a network of **more than 30 sales offices** in Europe, Asia, the Middle East and USA. The Group also includes a software house for the development of product calculation software and digitalisation.

- » **4,200** qualified people (1,200 in Italy)
- » **1,080,000 m²** total surface area
- » **300,000 m²** covered area
- » Over **3,605 m²** Research & Development laboratories
- » More than **83%** of products exported to 100 countries
- » Turnover **€ 617.3 million** (2023)
- » **132** product families





- 2022 Helios
4 mm tube technology
- 2021 Igea
Mirabilia
- 2019 R-fin
Image
Magic vision
- 2018 Armonia
Gateway
- 2016 Nidea
Emeritus
- 2015 Zero Energy Glass
The Whisperer plus
- 2014 Plug&save
- 2012 Minichannel
- 2011 Lt 0 Energy door
- 2010 The Whisperer
- 2009 BLS Titan door
LAS door
- 2008 BLS door
Jetstreamer
- 2006 Dry and spray
Smart system
- 2005 Oval tube
- 2003 Wet and dry
- 2001 Jet-o-matic
- 2000 Water spray system
- 1999 Safetube system
- 1997 Superhitec unit coolers
- 1991 Hitec condensers
- 1988 Hitec unit coolers with Turbocoil
- 1971 STF
- 1969 Alupaint
- 1967 Internal and external
turbo-system
- 1965 Dual fin spacing
- 1961 Electric defrosting

Innovation is in our DNA

Research and innovation are distinctive elements of LU-VE Group's philosophy and actions in order to maintain its position as a technological industry leader and offer cutting-edge solutions.

Since its foundation, investment in research and development has resulted in a considerable number of innovative products that have become benchmarks for the world's leading heat exchanger manufacturers.

Design, research and development activities are led by the Technical Department, which follows the guidelines defined at Group level and aimed at maximising energy efficiency.

In particular, the indications contained in the European ErP (Energy related Products) Directive are followed, which aims to reduce energy use along the supply chain from the design phase through to production and transport.

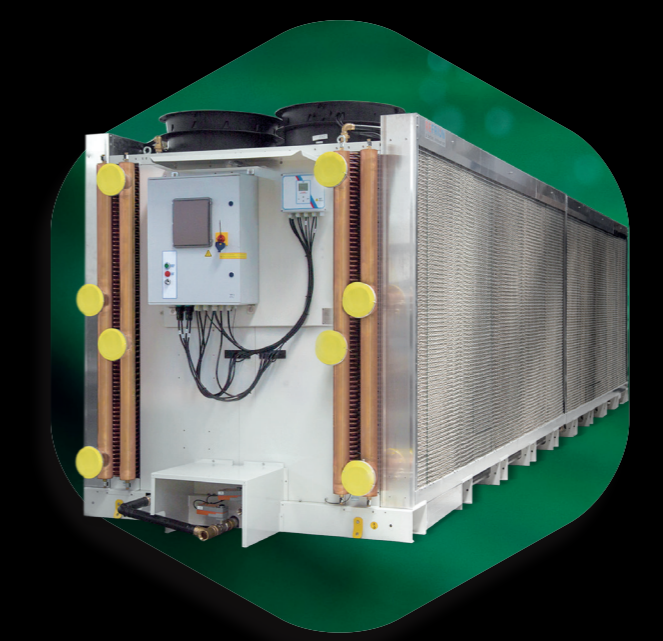
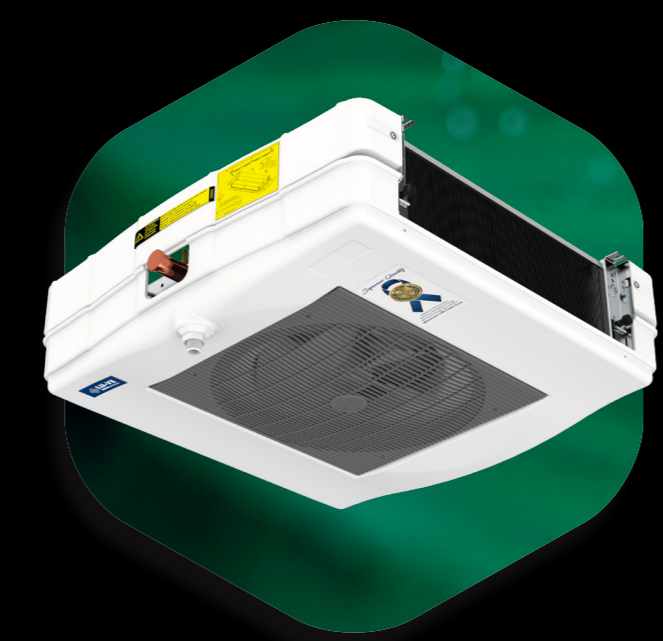
Respect for and protection of resources and the environment have always been important decision criteria in the development of new products. In practice, this approach has constantly been translated over the years into rigorous design that takes into account the performance and quality of the solutions and the entire product life cycle.

Products

As a promoter of innovations in the field of industrial and commercial refrigeration and industrial air conditioning, LU-VE Group is the third largest global player and second largest in Europe in the air heat exchanger segment.

* Innovations prior to the founding year of LU-VE (1985) refer to Contardo

AIR HEAT EXCHANGERS



- Uboldo – Italy
- Gliwice – Poland
- Lipetsk – Russia
- Tianmen – China



- Alonte – Italy
- Vantaa – Finland
- Gliwice – Poland



Asarum – Sweden

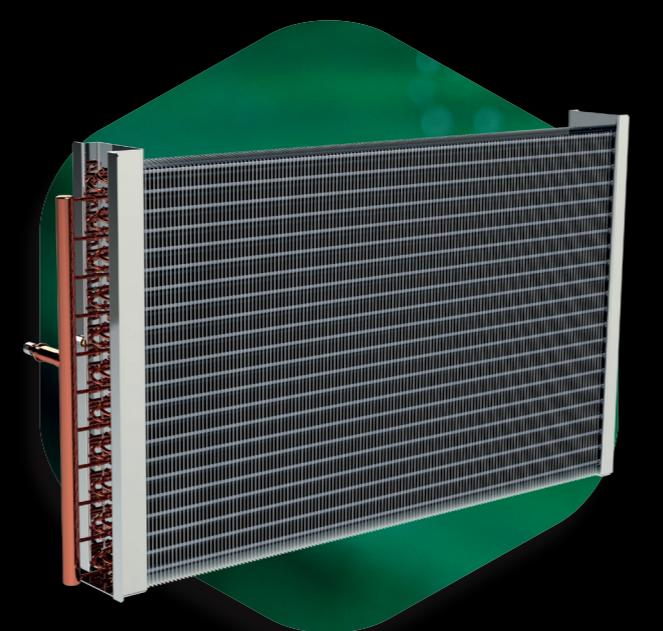


- Flumignano di Talmassons - Italy
- Villa Santina - Italy

COILS



- Uboldo, Limana, Mel – Italy
- Gliwice – Poland
- Novosedly – Czech Republic
- Lipetsk – Russia
- Bhiwadi, Sarole – India
- Jacksonville – USA



GLASS DOORS and DIGITAL SIGNAGE



Travacò Siccomario – Italy



Applications

LU-VE Group operates in several market segments:

- **Refrigeration (commercial and industrial)** for fresh product preservation, deep-freezing, processing, storage and logistics, ageing, refrigerator aisles and counters, dispensers, ice production, OEM;
- **Industrial process cooling and power generation;**
- **Air conditioning** for large civil and industrial facilities, data centres, hospitals, transportation, heat pumps, telecommunications;
- **Glass doors and closing systems** for refrigerator aisles and displays;
- **IoT interactive TV mirrors** for special applications such as digital signage, lift cabins, hotel rooms.

The Group is placed within a highly strategic sector that aims to support and guarantee a correct cold chain in different types of contexts, applications and geographical areas.

Certifications

The Group uses management systems that comply with international ISO standards to monitor the impacts generated by its activities and systematically seek efficient and sustainable improvements.

- UNI EN ISO 50001:2018 Energy Management Systems
- UNI EN ISO 14001:2015 Environmental Management Systems
- UNI EN ISO 9001:2015 Certified Quality System
- QS Certification
- ASME Certification
- 2006/42/CE Machinery Directive
- 2014/68/UE Pressure Equipment Directive (PED)
- 2014/35/UE Low Voltage Directive (LVD)
- 2014/30/UE Electromagnetic Compatibility (EMC)

Eurovent certification

For over 20 years LU-VE Group has been a voluntary adopter of the certification programme issued by Eurovent, the European association for heating, ventilation, air conditioning, process cooling and food cold chain technology.

The Group believes that subjecting its products to tests and controls by a recognised third party such as Eurovent allows it to monitor product performance in a concrete and precise manner and to ensure reliable solutions and transparent communication for its business partners.

Specifically, the **Eurovent Certified Performance (ECP)** certificate verifies product compliance with precise standards relating to product performance in terms of power, air flow, energy consumption, noise levels and construction characteristics.

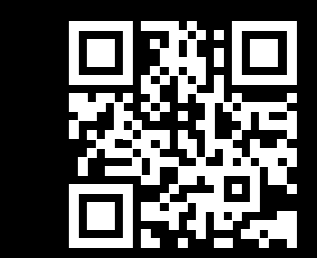
2000: first company in Europe to obtain the new Eurovent Certify All certification for all the ranges of condensers, dry coolers and unit coolers;

2016: first manufacturer that Eurovent certified for their heat exchangers for refrigeration, never registering a single negative test during three different test cycles;

2020: among the very first companies to obtain Eurovent Certification for CO₂ unit coolers;

2022: among the very first companies to obtain Eurovent Certification for CO₂ gas coolers.

LU-VE Group participates in the ECP programme for HE. Coils and Glass Doors are not covered by Eurovent Certification.



For additional information visit our website www.luvegroup.com