

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.

- » **4,500** qualified people
- » **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 **€ 605 million** (2022)
- » **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.

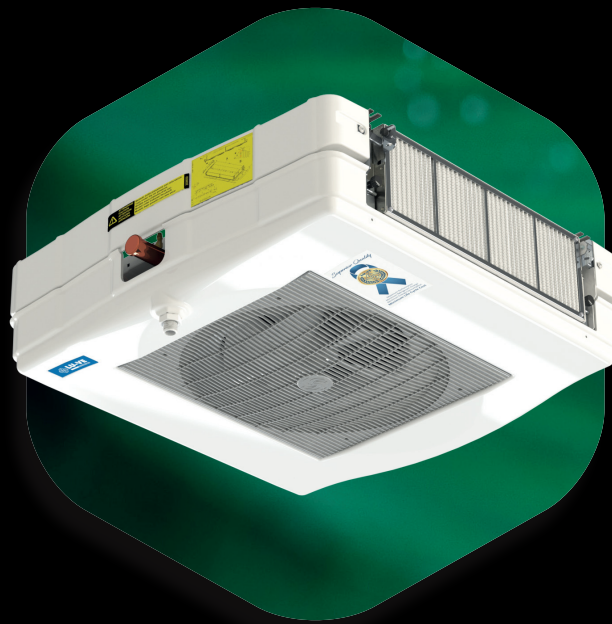
In particular, the indications contained in the European ErP (Energy related Products) Directive are followed, which aims to reduce energy use along the supply chain from the design phase through to production and transport.

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



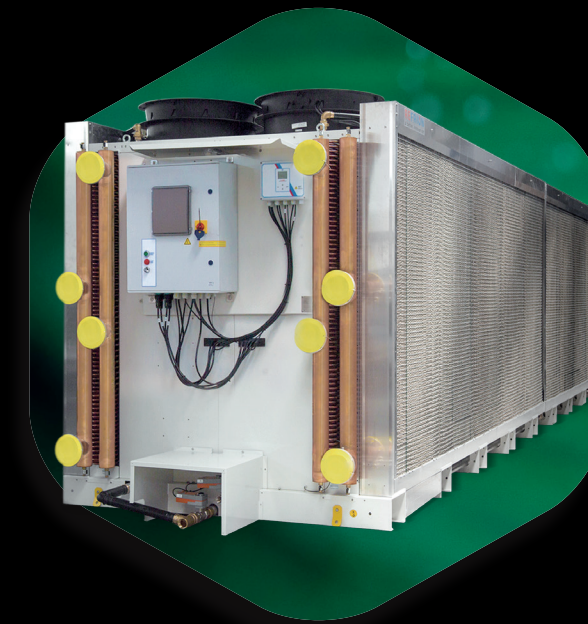
Uboldo – Italy
Gliwice – Poland
Lipetsk – Russia
Tianmen – China



Alonte – Italy
Vantaa – Finland
Gliwice – Poland



Asarum – Sweden



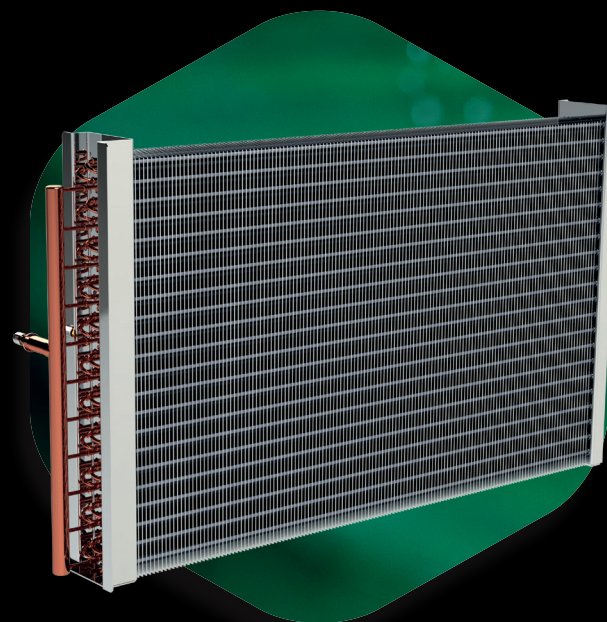
Flumignano di Talmassons - Italy
Villa Santina - Italy

AIR HEAT EXCHANGERS

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.

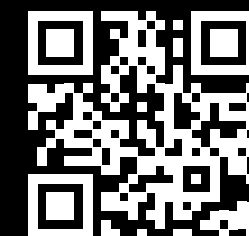
2000: first company in Europe to obtain the new Eurovent Certify All certification for all the ranges of condensers, dry coolers and unit coolers;

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