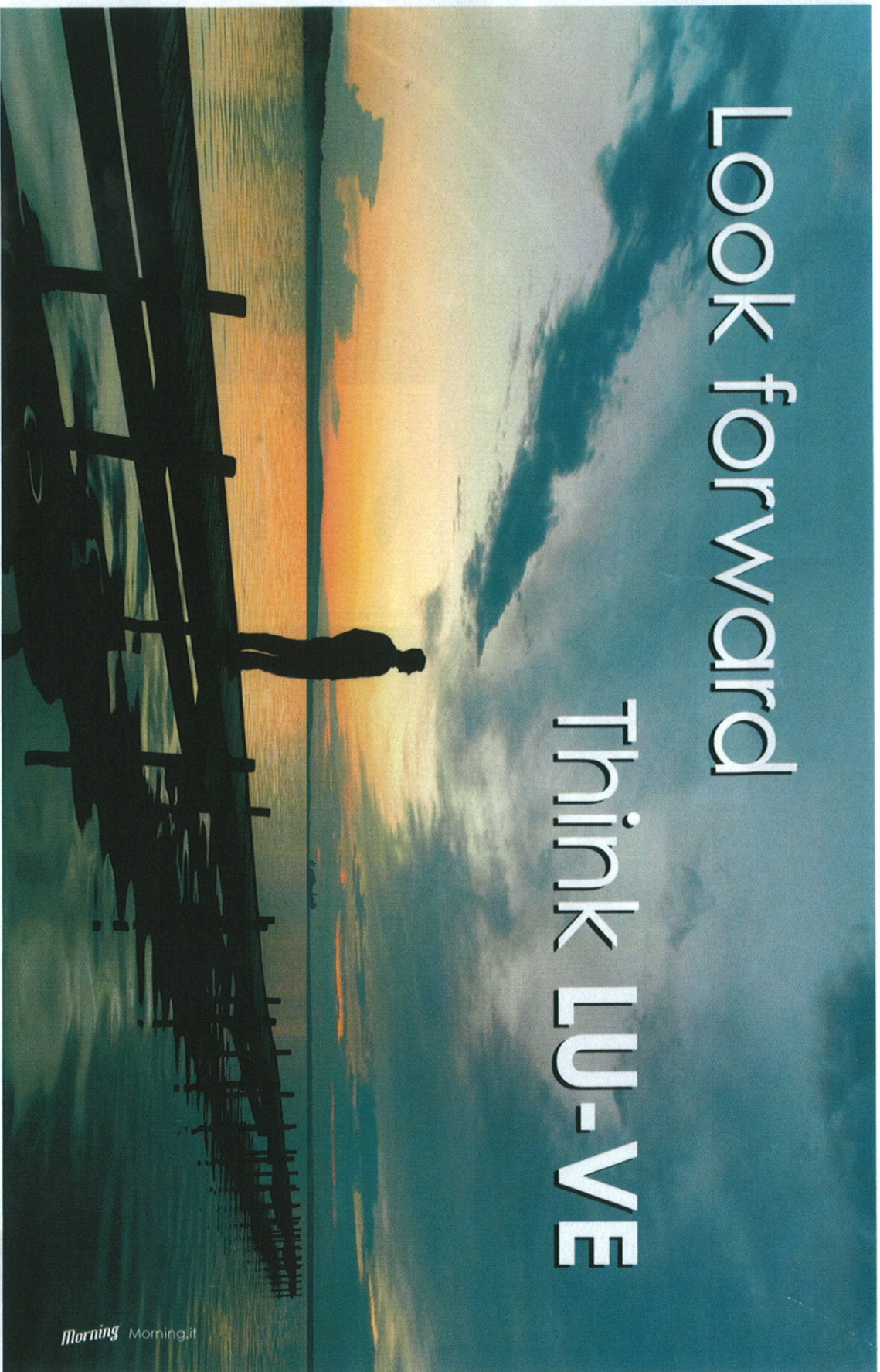


Look forward

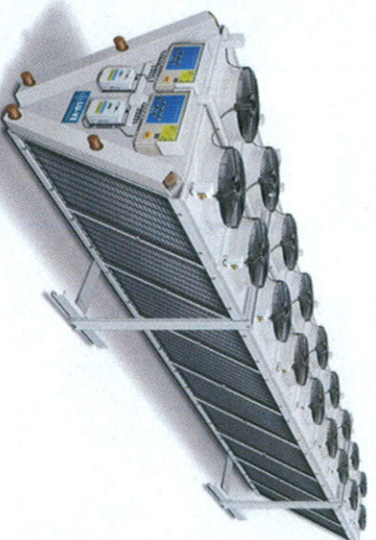
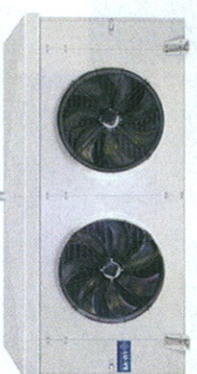
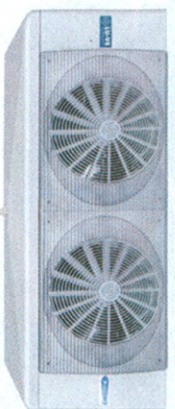
Think LU-VE



Morning Morning.it



Your partner for refrigeration, air conditioning and industrial applications



www.luve.it



Headquarters: **LU-VE S.p.A. - UBOLDO - VA - ITALY**



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Factory Visit Report

LU-VE Group: Specializing in Custom-Made AC & R Systems

— Expanding into the global speciality markets



LU-VE headquarters



A JARN reporter recently visited the LU-VE Group during Mostra Convegno in March. LU-VE, which may be said to form a garden, is situated in an environment rich land, just being worthy of a factory aiming to manufacture environmentally friendly products. The Uboldo facility and headquarters of the LU-VE Group is a modern high-tech factory in the green of the Varese countryside in Italy. The structure (offices, laboratories and three production units) itself has been designed by a renowned international architect with respect for the fundamental principles of environmental care and to maximise health and safety at work. Mr. Iginio Liberali, President of the LU-VE Group, introduced the factory and about LU-VE's history.



Dr. Matteo Liberali, Mr. Fabio Liberali, Communication & Public Relations, at Mostra Convegno (from left)

LU-VE is the 'last born company' among the biggest European companies in this industry. Founded in 1985, LU-VE bought at the end of the same year Contardo SpA's assets and brand name,

which was a company that was historically always at the leading edge of new technology.

In 1986, LU-VE took over Contardo and inherited its tradition, re-launching the policy of research, development, technical innovation and care for the environment. The Group has distinguished itself and has imposed itself on the market thanks to the high quality standards of its products, and thanks to the new technical solutions developed in its laboratories and its careful attention to aesthetic values.

The LU-VE Group is a combination of experience, tradition, forward thinking and innovation. The LU-VE Group is the embodiment of the principle that, first and foremost, companies are made from people and their ideas.

The Group

Nowadays, LU-VE is one of the European leaders, and its group companies work in sectors which are important to the quality of life of all of us:

- Cold chain, which enables food to be refrigerated, frozen and stored: from harvesting and producing to arriving in our homes
- Commercial storage and refrigeration for counters, display cases and drink dispensers
- Close control air conditioning for sensitive situations such as operating theatres, white rooms, computer rooms and telephone exchanges
- Air conditioning for the transport industry

In fact, for over twenty years, the companies of the group have dedicated themselves to the research and development of new products, in collaboration with some of the most outstanding European and Italian Universities, in particular the Politecnico di Milano. This approach led LU-VE to be the first company in the world to apply leading-edge technology solutions to commercial and industrial refrigeration: rippled fin tube technology, specialised heat-exchanger surface technology, performance certification, new materials and colours, advanced design.

The LU-VE Group's success in the international market stems from its state-of-the-art research and development policy, and from its respect for the fundamental principles of environmental care (Life cycle cost & Life cycle assessment). The Group design criteria are particularly focussed on advanced technology, high efficiency, low energy consumption, low noise level, minimum life cycle cost and certified performance data.

In 2000, LU-VE was the first company in Europe to obtain the prestigious Eurovent 'Certify All' certification for the whole range of its unit coolers, air cooled condensers and dry coolers.

The Uboldo Headquarters

The Uboldo facility is specially dedicated to the production of a large range of different products:

- Commercial unit coolers for small and medium size cold rooms (available in the glycol, NH₃ and CO₂ versions)
- Industrial unit coolers for large cold rooms (available in the glycol, NH₃ and CO₂ versions)
- Tubeless steel ST condensers, manufactured for OEMs (exclusive world wide technology by LU-VE)
- Air cooled condensers for small and medium size air conditioning and refrigeration installations
- Air cooled condensers for large air conditioning and refrigeration installations
- Dry coolers for large and very large size air conditioning and industrial installations
- Special CO₂ gas coolers (Carbon Dioxide)
- Special condensers and dry coolers with Water Spray System and Dry & Spray System
- Accessories and spare parts

Recently, the quality of the Uboldo products has been testified by the fact that, in a country as selective as Germany, prestigious brand market leaders have chosen LU-VE as a components supplier due to its innovative, energy saving and environmentally-friendly solutions. Volkswagen has chosen, for its research centre of Wolfsburg, four

LU-VE EHL D Dry & Spray, while Mercedes has chosen for the air conditioning installation of its new R&D centre of Stuttgart, seven LU-VE EHL D Dry & Spray. The same choice has been made by Messe Frankfurt, who for the new Hall 4, ordered eleven EHL D.

The Uboldo facility also includes Technair LV SpA, the Group company specialized in the field of close control air conditioning for surgical rooms, white rooms, computing rooms and telephone exchanges.

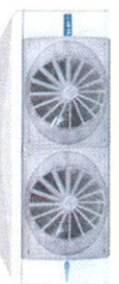
LU-VE Group Highlights

- 1,050 skilled employees
- 260,000 sqm of total surface
- 90,000 sqm of covered surface
- 1,000 sqm of R&D laboratory
- 70% of production exported to 90 countries
- Aggregated turnover over EUR 206 million

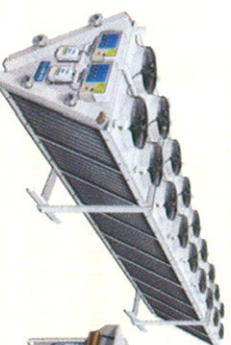
The LU-VE Group is an international entity made up of seven production units:

- **LU-VE S.p.A. – Uboldo (Varese), Italy**
Heat exchangers for refrigeration, air conditioning and industrial applications
www.luve.it
- **SEST S.p.A. – Limana (Belluno), Italy**
Static evaporator coils for refrigerated counters and display cabinets
www.sest.it
- **SEST LU-VE POLSKA – Gliwice, Poland**
Static evaporator coils for refrigerated counters and display cabinets, specially dedicated to the Eastern Europe markets
www.sest.it
- **OOO SEST LU-VE – Lipetsk, Russia**
Static evaporator coils for refrigerated counters and display cabinets, for the local market
www.sest.it
- **HTS – Novosely, Czech Republic**
Heat exchangers for special applications and air conditioning of trains, buses and means of transport in general
www.hsystems.cz
- **Shanghai Century Equipment Company Ltd. – Shanghai, China**
A joint venture with LU-VE for the assembly of commercial evaporators produced in Italy and destined exclusively for the Chinese market
www.century-china.com
- **TECNIAIR LV S.p.A. – Uboldo (Varese), Italy**
Close control air conditioning for surgical rooms, white rooms, computing rooms and telephone exchanges
www.technair.it

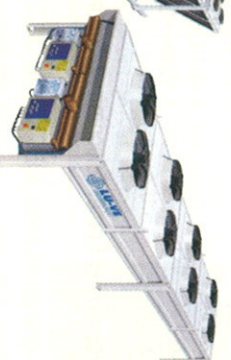
The LU-VE Group also controls seven sales companies located in the United Kingdom/Eire (Fareham Hants), France (Lyon), Germany (Stuttgart), Russia (Moscow and St. Petersburg), Spain (Madrid), Costa Rica (San José) and Australia (Thomastown –Victoria). A network of experts, both technicians and qualified staff, at the service of clients to satisfy their every need.



F35HC (New FHC range of cubic commercial unit coolers)



EHL D Dry & Spray



EAV condenser



LHS Large Hitec surface industrial unit cooler