

LU-VE Group: leadership with passion-leadership in innovation

For LU-VE Group, Chillventa (Nuremberg, Germany; 14-16 October 2014) is a traditional appointment which this year takes on even greater significance for five special reasons.

by Fabio Liberali, LU-VE Group



Headquarters



R & D laboratory

The growth of the Group

The first reason concerns the growth of the Group which by the end of this year will have achieved an historic result: over €220 million of consolidated turnover; more than 1,450 employees and 10 production facilities in 6 different countries.

40th anniversary of SEST

The second reason however concerns an important anniversary for one of the companies in the Group: in fact, in 2014 SEST is celebrating its first 40 years as a leader. SEST is the biggest European company specializing in the production of evaporators and condensers for refrigerated cabinets and it is also the biggest producer on the Continent of finned heat exchanger coils for commercial refrigeration and air conditioning. The stand at Chillventa will have an area dedicated to the 40th anniversary of the company and there will also be a gala evening on the 15th of October at the Fair.

New synergies

Thirdly, there is the recent entry into the Group of TGD – Thermo Glass Door – specializing in the production of glass doors and closure systems for professional, industrial and domestic refrigeration. This operation is the fruit of synergy between SEST and TGD, with the objectives of consolidating market presence and guaranteeing customers an offer which is even more complete and even more specialized. The strategy is to exploit the complementarity of the two companies, to produce ever-more personalized products with reduced energy consumption and minimum impact on the environment. A new combined door/evaporator offer will be presented right at Chillventa.

Development and expansion

The fourth important point is the development of companies in the Group, and the creation of new facilities, in Europe and Asia. In 2014, HTS - Heat



Climatic test chamber for CO₂

LU-VE GROUP IN NUMBERS:

- over 1,450 employees;
- over €220 million consolidated turnover (240 aggregated);
- 10 production plants in 6 different countries
 - AIA (Asarum, Sweden)
 - HTS (Novosedly, Czech Republic)
 - LU-VE Heat Exchangers (Changshu, China)
 - LU-VE Exchangers (Uboldo, VA, Italy)
 - METALLUVE (Uboldo, VA, Italy)
 - SEST (Limana, BL, Italy)
 - SEST LU-VE Polska (Gliwice, Poland)
 - “OOO” SEST LU-VE (Lipetsk, Russia)
 - TECNAIR LV ((Uboldo, VA, Italy)
 - TGD (Travacò Siccomario, PV, Italy);
- 13 sales companies in Australia, Austria, China/ HongKong, France, Germany, India, Poland (Gliwice and Varsavia), the UK, Russia, Singapore, Spain, the UAE;
- 340,000 m² of total surface area (140,000 covered)
- 2,350 m² of R&D laboratories;
- over 70% of production is sold in 90 countries.



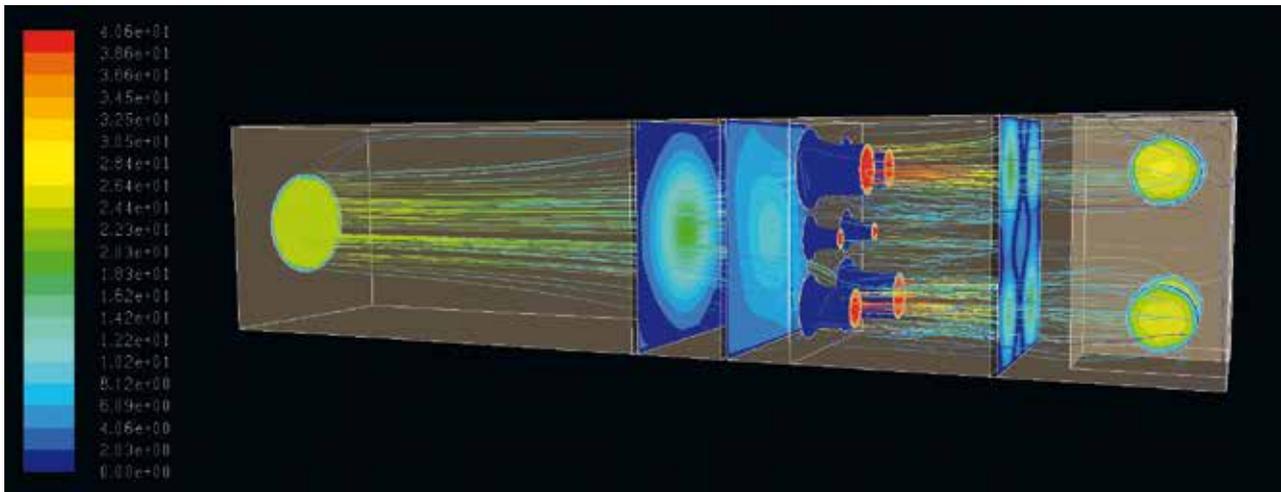
The LU-VE Lectures at Chillventa
Hall 4 - Stand 4-514

Download the program
www.luvegroup.com

Transfer Systems – has completed its expansion plan for the factory in Novosedly (Czech Republic) to make room for new production lines, including those for coils with Minnichannel® technology (the most compact and high-performing in copper/ aluminium, to reduce refrigerant charge and energy consumption) and also aluminium/aluminium coils. In Russia, at Lipetsk, the “OOO SEST LU-VE” facility is in the process of doubling its surface area, destined for the production of static evaporators and air-cooled evaporators for commercial refrigeration and also for the production of coils for air conditioning. Finally, concerning Asia, Chillventa will see the launch of the new SEST LU-VE China production unit which will operate within the LU-VE plant at Changshu (Jiangsu province) making coils for the local and Asia/Pacific markets.

Leadership in action

The fifth fundamental reason concerns the concept of leadership, a role which LU-VE Group has taken on over the years in the fields of commercial and industrial refrigeration and civil, industrial and close control air conditioning, as well as in industrial applications and in the production of coils for OEM applications. The motto of the Group is “Leadership with Passion”, which is transformed into “Leadership in Action” for each company within it. At Chillventa, LU-VE Group intends to restate its proper leadership role which is firmly based on research and development, technology and attention to environmental issues. All of this comes together in the use of natural refrigerant fluids, the maximization of energy savings and the traditional maximum attention paid by the company to *Life Cycle Cost*. To recap: reduce the ecological impact, to the advantage of the environment, the customers and the users. The market trend is towards an ever growing use of natural fluids (CO₂, propane, ammonia etc.). Many are now taking up this approach. LU-VE Group has been doing so for almost 30 years and was the precursor in the field of energy consumption reduction, reduced refrigerant usage, low noise levels, high reliability over time and reduced footprint. Last but not least, LU-VE was one of the very first companies to certify the performance of their machines (Eurovent).



Tunnel for computational fluid dynamics measures

Cultural leadership

Life Cycle Thinking is the principle operating instrument of LU-VE Group: evaluation and quantification of energy and environment loads and of the potential impacts associated with a product throughout its entire life cycle, from the cradle to the grave. A factor of competitiveness as well as an ethical value. An added value in a period such as this, when many have lost sight of some fundamental values.

The products shown at Chillventa are the sum of this cultural leadership in terms of eco-design, the result of long collaboration with prestigious national and international universities and research institutes, the Polytechnic University of Milan being the first of all. The added value of LU-VE Group products lies in the availability of its research and development laboratory: not only is it the largest in Europe but it is also the only one capable of testing CO₂ for both unit coolers and condensers.

Leadership in innovation

This cultural leadership will be emphasized at Chillventa with a cycle of conferences entitled "Leadership in innovation – The LU-VE Group Lectures", dedicated to new technological trends

towards the optimization of performance and the reduction of energy consumption in combination with the use of natural refrigerants.

The conferences, which will be open to the public, will take place at regular intervals in a designated area created within the Group's stand (4-510/512/514/612). The topics include:

- The present and future of CO₂ systems and glycol defrost
- Towards an intelligent unit cooler
- Ammonia: more heat transfer with less refrigerant
- Supermarket chains and natural refrigerants - CO₂, propane & nanotechnology
- Closure systems, energy saving & retrofit
- Technologies for hydrocarbons – R290 & 5mm tubes
- Case study: apple conservation and glycol.

These subjects will be presented by experts from LU-VE Exchangers, HTS, SEST and TGD, with the participation of technicians from Carel (towards the intelligent unit cooler).

The programme of events is available on the website www.luvegroup.com

LU-VE Group: the natural leader.

