

Press release

**EPTA PRESENTS EPTAGREEN:
A NEW COMPRESSOR PACK WITH REDUCED ENVIRONMENTAL IMPACT**

Milan, 15 January 2010 – **Epta** – Leading European group and global partner in the commercial refrigeration sector with its **Costan, Bonnet Névé, BKT, George Barker** and **Euro'Cryor** brands – presents its new range of **EPTAGREEN** natural refrigerant fridge compressor packs, developed to considerably reduce direct emissions of carbon dioxide into the atmosphere.

Conceived to meet the needs of medium and large stores, **EPTAGREEN**, in the versions with 3 or 4 *Bitzer* semi hermetic reciprocating compressors, delivers a heat extraction rate ranging from 8 to 84 kW for low temperature units (freezers).

The properties of R744 (CO₂) gas, used in a new family of EPTAGREEN cascade compressor packs, ensure numerous advantages in terms both of reduced *carbon footprint* and system efficiency. In fact, not only is it a natural fluid, neither flammable nor toxic or explosive, it actually has the lowest GWP (Global Warming Potential) of all cooling fluids on the market.

It is also important to highlight that every kg of traditional R404a (HFC) refrigerant gas dispersed in the environment, according to the GWP, corresponds to 3,750 kg of CO₂, whereas every kg of R744 (natural gas) equals just one kg of carbon dioxide.

Furthermore, if we consider the **TEWI** (Total Equivalent Warming Impact) unit of measure, which indicates the total greenhouse-effect impact of a machine or energy system during its useful life, it is clear how much lower **EPTAGREEN** is than traditional HFC-powered compressor packs.

This new range of compressor packs also stands out due to its various electric and mechanical configurations, making them remarkably versatile.

EPTAGREEN is also simple to install and maintain thanks to the layout of all its parts, for easy checking and repairs by technicians. It has, for example a series of bypasses on the filters that guarantee continuity of service.

Finally the frame of this new family of compressor packs is made from folded metal sheets and special highly resistant steel rivets that considerably lower the risk of refrigerant gas leaks and reduces vibrations to a minimum. The whole range is available in a version with *sound-insulated hood* for external installations.

Luca Lastella, Marketing Director of **EPTA**, says: "**EPTAGREEN** is tangible proof of how our group is a trail beater in the development of eco-friendly solutions, which are totally in line with the needs to reduce greenhouse gas emissions that have emerged over recent years. This new compressor pack is in fact the result of our "*The Value of Energy*" strategy, aimed at production of systems able to ensure high energy savings and reducing environmental pollution".

Epta. Advanced solutions for your store.

EPTA - Leading European Group and worldwide Partner in the commercial refrigeration sector for Organised Distribution, owns the **Costan** (1946), **Bonnet Névé** (1930), **BKT** (1910), **George Barker** (1928) and **Euro'Cryor** (1991) brands and specialises in the manufacture and marketing of traditional positive vertical and semi-vertical, and negative vertical and horizontal refrigeration counters, (Plug-in) incorporated unit counters, medium and high power units, and refrigeration cells. With its head office in Milan and 2,500 employees, it has a worldwide capillary presence and in 2008 produced a turnover of more than € 460 million. The Cooling Industry Awards for the best environmental End-User installation in 2006 and 2007 and this year's award for the best installation in the Retail sector, are proof of its leadership position and role in design and installation of innovative technologies that aim to guarantee real energy savings and a genuine reduction in emissions that are harmful to the environment.

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