



## Press Release

### Fresh Ideas for Refrigerated Display Cases

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The air conditioning and refrigeration plants in supermarkets are in continuous operation, so energy costs and operating safety are major concerns. From March 5-9, 2017, the gates to EuroShop, the world's leading retailing trade show, will be open in Düsseldorf. In hall 15 at stand F55, ebm-papst will present proven and new energy-saving solutions for cold-storage rooms and refrigerated display cases.

#### Interface for monitoring functions

The proven, energy-saving fan from ebm-papst has delivered reliable cooling for refrigerated display cases in supermarkets for years. With the new serial interface for MODBUS-RTU communication, many monitoring, controlling and control functions can be applied during operation and remotely. The fan was optimized for aerodynamics, and is now even quieter and more environmentally friendly because it does not require a coating.

#### Ultra-flat diagonal fan

ebm-papst is also introducing the new energy-saving fan with diagonal impeller technology in size 250 at EuroShop. It is ideal for installation in the rear walls of refrigerated display cases, where the installation space is often very narrow. Featuring an extremely flat design and top ventilation technology properties, the diagonal fan optimally fits into the narrow space.

#### Drive motor for bottle coolers

For use in refrigerated display cases and bottle coolers, the ebm-papst product line offers the NiQ axial fan drive. The compact motor combines the well-known properties of the iQ motor series with a new design and is now even more efficient and economical. The NiQ has a plastic housing (= protection class II), which makes it suitable for use in areas with indirect food contact, e.g., in open vegetable displays.

#### Modular axial fan concept

In addition to the required airflow, energy efficiency and minimal noise emission are increasingly in demand for the axial fans used in evaporators, condensers and heat exchangers in ventilation, refrigeration and air conditioning systems. Depending on the application and installation situations, fans are subject to back pressure of varying levels. ebm-papst has developed Axi-Blade, a new generation of axial fans with a modular concept, to overcome any challenge. The new fans also feature a noise reduction of up to 8 dB(A) compared to the standard product range.

ebm-papst UK is the domestic arm of ebm-papst Group, Europe's leading manufacturer of fans and motors and is a pacesetter for the ultra-efficient EC technology.

ebm-papst Group employs over 11,000 people at 17 production facilities (including Germany, China and the USA) and 57 sales locations worldwide. ebm-papst is represented in many industries, including ventilation, air-conditioning and refrigeration technology, household appliances, heating engineering, IT/telecommunications and industrial engineering.