

Press release

January 2017

EuroShop 2017:

Shop operational and energy efficiency in Danfoss Smart Store

With smart and integrated solutions from pack to HVAC, Danfoss Smart Store opens its doors to operational and energy efficiency. Visit our Smart Store at EuroShop 2017 and get the latest updates on CO₂ refrigeration, smart grid integration, and experience how intelligent control optimizes operation 24/7.

Düsseldorf – At EuroShop 2017, Danfoss invites visitors to enter a supermarket of systems and components for next generation food retail solutions. A wide range of technologies all tied together by a genuine intent to create sustainable supermarkets based on innovative concepts for improved operational and energy efficiency.

- Explore compressor racks with heat recovery, variable speed drives and new ejector technology
- Discover how the supermarket is transformed from energy consumer to energy producer with a new heat recovery unit and connection to local smart grids
- And how digitalization and electronic controllers open new opportunities for one-view store management and predictive maintenance
- See and experience the new controller tray that handles up to 300 different control variants
- And discuss with Danfoss experts whether remote, semi plug-in or plug-in is the right solution

“With smart and integrated solutions for compressors, refrigerated display cases, cold rooms, HVAC, lighting and connections to external grids we can prove energy savings of up to 50 percent. With our Smart Store concepts we demonstrate that connected and sustainable stores are not a future dream, but highly feasible and profitable solutions today,” says Henrik Schurmann, VP Danfoss Food Retail.

Focus on CO₂ refrigeration with Ejector

One of the special highlights presented by Danfoss at EuroShop 2017 is the mobile training unit for CO₂ refrigeration. Here, visitors can get hands on experience with CO₂ systems and simulations of refrigeration systems optimized for CO₂; notably the brand new Ejector technology that brings profitable CO₂ solutions with high energy efficiency to warmer climates.

On show is also the next generation cold chain management system, Cool.it that offers seamless, cloud-based monitoring of the entire value chain.

Facts about Danfoss Smart Store

Danfoss Smart Store has been developed based on more than 30 years of close cooperation with the global community of food retailers and more than 80 years in the HVAC/R industry. The solution is running in more than 8,000 stores worldwide and the proven savings are up to 50% per store.

Danfoss Smart Store is located in Hall 16 booth C73at EuroShop. The Danfoss CO₂ training unit is located in the outside area close to hall 16.

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For more information, please contact:

Anne-Julie Andersen, Marketing Communications Manager, Food Retail.

Related links:

<http://food-retail.danfoss.com/applications/smartstore/#/>

Photo caption:

Danfoss Smart Store offers integrated solutions from refrigeration to heating, lighting and connection to smart grid.

About Danfoss

Danfoss engineers technologies that enable the world of tomorrow to do more with less. We meet the growing need for infrastructure, food supply, energy efficiency and climate-friendly solutions. Our products and services are used in areas such as refrigeration, air conditioning, heating, motor control and mobile machinery. We are also active in the field of renewable energy as well as district heating infrastructure for cities and urban communities. Our innovative engineering dates back to 1933, and today Danfoss is a world-leader with 24,000 employees and serving customers in more than 100 countries. We are still privately held by the founding family. Read more about us at www.danfoss.com