

Press release

Refrigeration & Air
Conditioning
Danfoss A/S

Date: 09.2014

Innovative solutions for high food safety standards and low GWP at Chillventa

Among the many product news presented by Danfoss at Chillventa 2014 are new solutions for commercial refrigeration, a sector in constant growth and undergoing rapid changes in light of stricter regulations.

In commercial refrigeration, traditional refrigerants present a challenge as new regulations are coming into place. As an industry leader in commercial refrigeration, Danfoss is at the forefront of technology for low GWP refrigerants, as several of this year's product news at Chillventa will demonstrate.

Save energy at reduced costs

Danfoss is introducing the new ERC refrigeration controller for glass door merchandisers, commercial fridges and freezer, small cold rooms - just to name a few of the application possibilities. This smart multipurpose refrigeration controller with temperature and defrost management has been designed to fulfil today's requirements of advanced commercial refrigeration applications. The range includes three different models.



New Secop platforms for Danfoss for R290 – 220V

For applications in LBP/MBP refrigeration, Danfoss presents the new DLE and NLE models available from Secop for Danfoss. These new models deliver amazing savings in energy compared to existing models: Up to 40 % versus existing TL, NL or SCxx.CN models, and up to 10 to 15% when measured against the next best market alternative. Secop compressors are distributed exclusively by Danfoss.

Qualification of two new, low-GWP refrigerants

With the upcoming phase-down of refrigerants like R404A, the refrigeration industry is constantly searching for alternative cooling solutions, and that is also true in commercial refrigeration. With that in mind, Danfoss has just validated the use of Danfoss Maneurop reciprocating MTZ with R407A and F alternative refrigerants. The qualification plan also covers Danfoss scrolls MLZ, Optyma Plus™ New Generation and Optyma™ Slim Pack equipped with MLZ and MTZ. Chillventa presents the perfect opportunity to learn more about these solutions and take a closer look at new products from Danfoss – including a sneak preview of the new Optyma Plus™ Inverter condensing unit.

For Danfoss, Chillventa 2014 will also be the world premiere of a new visual identity, and the visitors can look forward to a brand new booth design. You will find Danfoss in Hall 4, booth 102 at Chillventa 2014 in Nuremberg, Germany, from the 14th to the 16th of October. For further information, please visit www.danfoss.com/chillventa

For more information:

Dorthe Borup Sindberg, Marketing Communications Manager NCE, Refrigeration and A/C Controls, Email: dorthe.sindberg@danfoss.com

Danfoss engineers technologies that enable the world of tomorrow 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, employing 22,500 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.