

Press Release

April 26, 2025

Danfoss to Showcase Sustainable HVAC and Refrigeration Solutions at Frigair 2025 Under the Theme "Transition forward"

At this year's Frigair exhibition, taking place from 4-6 June in Johannesburg, Danfoss will present a powerful lineup of innovative HVAC and refrigeration solutions under the theme "**Transition forward**," emphasizing the company's commitment to accelerating the green transition across the cold chain and building environments.

Visitors to the Danfoss booth will experience firsthand how the company's comprehensive product portfolio supports a smarter, more sustainable approach to cooling and heating—from farm to table, and beyond.

Among the highlights:

Revolutionizing Cold Storage Efficiency: The Debut of NeoCharge

Danfoss will introduce **NeoCharge**, its latest breakthrough in cold storage technology. Designed to significantly reduce energy consumption in refrigerated warehouses and storage facilities, NeoCharge represents a major step forward in energy efficiency for large-scale cooling applications.

Industrial Heating with Natural Refrigerants

Supporting the transition to sustainable high-temperature industrial heating, Danfoss will showcase a BOCK® semi-hermetic compressor, designed to deliver

reliable performance with natural refrigerants like hydrocarbons. This solution enables cleaner, more energy-efficient heating while contributing to decarbonization efforts across energy-intensive industries.

Food Service Refrigeration Solutions

In the food service segment, Danfoss will highlight a wide range of solutions approved for **low-GWP and natural refrigerant** applications. These include:

- **Cold room optimization tools** such as **Optyma™ Control**, and **VLT® Refrigeration Drive FC 103**
- **IoT and connectivity innovations** that offer improved performance monitoring and control

These solutions are designed to help food service providers reduce emissions, cut operational costs, and ensure food safety.

Transition forward in Food Retail: Real-World Impact with Danfoss Smart Store

At the retail level, Danfoss will spotlight its **Smart Store** concept, successfully implemented in **Nordborg, Denmark**. This flagship installation combines cutting-edge HVAC, refrigeration, and energy management technologies to:

- Minimize food loss
- Improve food safety
- Optimize energy use
- Integrate with the local energy ecosystem

Attendees can explore live data and results from the Smart Store and learn how to replicate its success using existing, commercially available technologies.

Advanced Controls for Smarter Food Retail Operations

Experts will also present:

- The **System Manager AK-SM800A**, the central brain behind Danfoss' **ADAP-KOOL®** intelligent HVAC and refrigeration systems
- **Alsense®**, Danfoss' cloud-based monitoring and management platform for smarter, more connected food retail operations

"Customers across the industry are urgently seeking solutions that can reduce emissions while improving performance," says Roy Naidoo, Sales Director, Sub-Saharan Africa. "At Frigair, we're excited to show how our technologies are helping make sustainable cooling a reality. We invite all visitors to stop by our stand and discover what's possible today."

With a clear focus on sustainability, energy efficiency, and digital innovation, Danfoss' presence at Frigair promises to inspire industry stakeholders to move confidently toward a cleaner, more resilient future.

Visit Danfoss at Hall 5, Stand B5 at Frigair to learn more.

**About Danfoss Climate Solutions:**

At Danfoss Climate Solutions, we engineer energy-efficient heating and cooling solutions to help the world build a better future. Our innovative products and solutions enable a decarbonized, digital, and more sustainable tomorrow. With a strong foundation in quality, people, and the climate, we drive the transition in energy, refrigerants, and food systems to achieve global climate and energy goals. Read more about us at www.danfoss.com