



Optimize **c-store efficiency** with tailored refrigeration solutions

Coming soon

AK-EC Convenience – Advanced Control Edge

New edge controller entering the ADAP-KOOL® family



→ **Scalable yet powerful monitoring**

From monitoring to optimization with ease – manage up to 30 devices and keep 300 history logs, all in one streamlined solution

→ **Seamless integration, unmatched flexibility**

Support for industry-standard protocols, both northbound and southbound, for rapid device integration and effortless cloud data sharing

→ **Enhanced experience**

Intuitive, responsive web interface with powerful tools for layout customization and user logic design.

→ **Plug&play with Alsense®**

NEW

AK-CC25 Pro case controller

New addition to the ADAP-KOOL® case controller family



→ **Versatile and universal**

Supports plug-in, integral, and remote TXV display cases

→ **Energy efficiency and food safety**

Modulating temperature regulation and compatibility with variable speed compressors

→ **Robust and reliable by design**

Building on more than 35 years of ADAP-KOOL® expertise

[More about AK-CC25 Pro](#)



Alsense® One dashboard – one overview

Enterprise monitoring: showcasing alarm, temperature, setpoint & energy data. Remote assist for direct store access via ACE.

[Find out more about Alsense®](#)



AK-CC55 case controllers

→ Best-in-class energy savings

→ Simplified installation and service

→ Suitable for any store size

[Learn more about AK-CC55](#)



Alsmart® AS-CX06 Pro+

High-performance HVAC and lighting programmable controllers

[Read more about Alsmart®](#)



Optyma™ cold room controllers

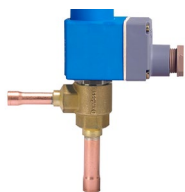
→ From standalone to fully managed solutions

→ Enables easy installation, simple setup, and energy savings for existing and new cold rooms

[Learn more about Optyma™ control](#)



Optimize **c-store efficiency** with tailored refrigeration solutions



AKVP electric expansion valve

- Precise control of liquid injection
- Superior valve technology
- Fully Serviceable valve
- MOPD update ensures it meets customer needs

[Learn more](#)



DGS gas detecting sensor

- Engineered for high reliability and compliant with environmental regulations and health and safety requirements
- Real-time monitoring, automatic alarms, and easy integration
- Suitable for use in supermarkets

[Learn more](#)

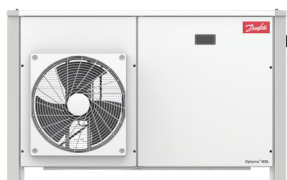


EM511 energy meter

An energy analyser for 1- phase systems up to 240 V L-N and current up to 45 A.

[Learn more](#)

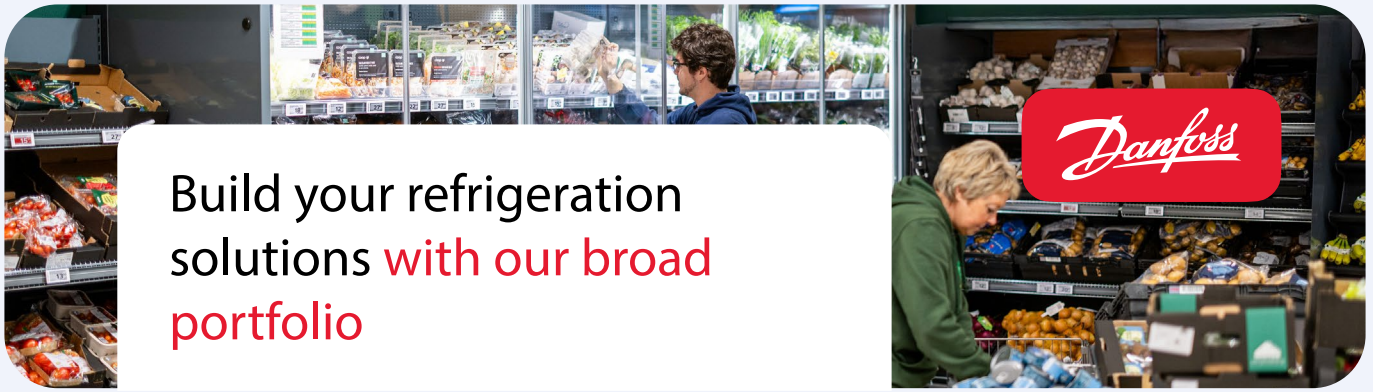
Coming soon



Optyma™ iCO₂ condensing unit

Introducing a versatile medium temperature condensing unit delivering **7 kW, 12 kW, and 16 kW**—all in one universal chassis

- Reliable operation up to +46°C ambient temperature without any additional adiabatic – water spray cooling
- Covering very wide range of requested partial cooling load, from 30 to 100% (20 to 70Hz)
- Usage of CO₂ as refrigerant (GWP= 1) and optimized operating efficiency makes the unit environmentally friendly
- Usage of reliable and efficient Danfoss CO₂ components is resulting in benchmark for CO₂ condensing units on the market
- Optimized for ADAP-KOOL®, but compatible to various control and monitoring solutions through Modbus



Build your refrigeration solutions **with our broad portfolio**



AK-PC 572 pack controller

A complete pack solution for small store retailers that makes using CO₂ approachable, even for those with little-to-no experience using it.

[Learn more about AK-PC 572](#)



EKE 1P stepper valve extension module

Used as an extension module for other Danfoss controllers or as a stepper valve driver.

[More about EKE 1P](#)

NEW



ETS 5T compact and light-weight stepper motor driven electric expansion valve

New addition to the stepper valve family

- Designed for 140 bar (MWP) CO₂ applications from 4 –19 kW, 120 bar (MOPD), -40°C to 80°C
- Easy installation through 'Clip & Turn' fixation and connectors with bi-metal design
- Compact design, the smallest electric expansion valve for CO₂ on the market

[More about ETS 5T](#)



CCMT Light

Highly reliable electric pressure regulating valve optimized for transcritical CO₂ refrigeration.

- Robustness in a smaller low-cost package
- Fits where space is tight due to its compact and light design
- Serviceable solution for reduced downtime

[Read more about CCMT Light](#)



EVT solenoid valves for CO₂

Solenoid valves for high pressure CO₂ cooling applications in Food Retail.

[Find out more about EVT](#)



AKS 11 surface mount temperature sensor

[Learn more](#)



AKS 12 general purpose temperature sensor

[Learn more](#)



AKS 2050 pressure sensor

For high pressure and with pulse-snubber in the pressure connection.

[Read more about AKS 2050](#)



AKS 21 sensor for extreme temperatures

[Learn more](#)