



Danfoss



Simplify cold room operation with streamlined solutions

Coming soon



AK-EC Lite – Advanced Control Edge

New edge controller entering the ADAP-KOOL® family

- **Compact yet powerful monitoring**
Connect, monitor, and control with ease – manage up to 15 devices and keep 150 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®

Optyma™ control

Cold room controllers – From standalone to fully managed solutions

- Enable easy installation, simple setup, and energy savings for existing and new cold rooms
- HACCP temperature monitoring and transparency when combined with Danfoss System Manager

[Learn more about Optyma™ control](#)



TU thermostatic expansion valves

Control the refrigerant flow to the evaporator

- Compact design
- Light weight
- Steel/copper bi-metal connections for fast soldering

[Read more about TU](#)



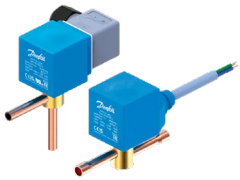
TD 1 thermostatic expansion valves, fixed orifice

- Designed to control liquid injection in small-capacity evaporators for commercial refrigeration solutions

[Learn more about TD 1](#)



Explore our **broad solutions** for cold rooms



EVL solenoid valves

- Direct operated solenoid valves for liquid, suction and hot gas lines
- Designed for media temperatures up to 120°C / 248°F
- Supplied as normally closed (NC) with deenergized coil
- Suitable for listed refrigerants, including flammable refrigerants
- Small encapsulated coils with long lifetime under extreme conditions

[More about EVL](#)



DST G290 A3 refrigerant detection sensors

Engineered to meet the stringent requirements for A3 refrigerants, such as R290 (propane), perfect for HVAC&R applications where accuracy and reliability are required

[Read more about DST sensors](#)



EKS 221 temperature sensor

- Nominal resistance of 10000 ohm at 25°C
- Available with cable lengths up to 8.5m

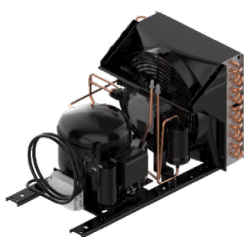
[More about EKS 221](#)



DST P110 pressure sensor

- Stainless-steel construction with a hermetically sealed media interface for maximum robustness
- Designed to withstand harsh and demanding operating environments

[Read more about DST P110](#)



Optyma™ R290 bare condensing unit

Complete line featuring high efficiency and a reduced footprint. Also available with R290 making it the perfect choice for a greener installation. This solution is ideal for OEMs or end-users looking for compact solutions to fit in small systems, as well as optimal cooling performance and capacity

[Learn more about Optyma™ R290 bare](#)