

Danfoss Optyma™ Control

Connected cold rooms for **higher efficiency** and **food safety**

From standalone to fully managed solutions, the three-tiered Optyma™ Control range enable easy installation, simple setup, and energy savings for existing and new cold rooms. For optimum protection of perishables and operational safety, the controllers provide HACCP temperature monitoring and transparency when combined with Danfoss IoT solutions.



Easy

installation and
commissioning with
start-up wizard

Functionalities

Fast installation and commissioning:
2 steps programming wizard with standard presets

IP 65 rating

Easy wiring and connection

4 or 5 relay options

Optional thermal protection

Configurable inputs for added flexibility

Dual evaporator defrost

Leading control logic to improve operation

Optional Adaptive Defrost for maximum energy savings and performance

RS-485 port

Ready to connect to Danfoss ADAP-KOOL® networks

Optional Cloud and Remote services using ALSENSE™ digital services

Optyma™ Control range



AK-RC 204B

Cold Room
Controller, 230V,
4 outp.



AK-RC 205C

Cold Room
Controller, 230V,
5 outp. w/protection



AK-RC 305W

Advanced Cold
Room Controller,
100-230V

Simple to advanced connected cold rooms



For single phase
room cooling
systems



Multiple defrost
methods, including
optional energy
saving adaptive
defrost



Easy to connect to
Danfoss System
Managers for a fully
managed store



Direct control or
pump down (can
control condensing
unit operation)



Seamless
installation with an
Optyma™ outdoor
or indoor
condensing unit



Remote monitoring
with the ProsaLink
app and Alsense™
cloud services

Use the cold room wizard in Coolselector®2 software to
specify your cold room project and select your products.

Download today

