

Danfoss Optyma™ Control

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

From standalone to fully managed solution, the upgraded Optyma™ Control panel enables a scalable installation in existing or new cold rooms. For an optimum protection of perishables, it provides HACCP temperature monitoring in compliance with EN13485 Class II.

Safe

temperature control
with easy setup



Functionalities



New Auxiliary relay added. Now all the versions will have 6 outputs:

- ❶ Compressor
- ❷ Fan
- ❸ Defrost
- ❹ Light
- ❺ AUX1
- ❻ AUX2



RS485 serial always available. No need to select the use for ModBus. Ready out of the box



Reduced set function (night set) from digital input



Emergency operation modes in case of probe failure



Configurable for cold or hot applications (with extended probe reading range, -45 to + 99 °C)



New defrost management functions (on startup, smart, on-screen display, remote start/stop)



Buzzer can be disabled



Both digital inputs are fully configurable for maximum flexibility



Auxiliary relays can also be configured to indicate the system standby status



AUX can be used as a redundant alarm



Ordering

Danfoss Code No.	Type
080Z3220	AK-RC 111 – Single-phase, 2 HP – 16A
080Z3221	AK-RC 113 – 3-phase, 4 HP – 4.5-6.3A
080Z3222	AK-RC 113 – 3-phase, 4 HP – 7-10A
080Z3226	AK-RC 113 – 3-phase, 7.5 HP – 11-16A
080Z3227	AK-RC 113 – 3-phase, 7.5 HP – 14-20A



Click on the code number to order the product in the Product Store

Simple to advanced connected cold rooms



For single and 3-phase room cooling systems up to 7.5 HP



Multiple defrost methods, including hot gas (single phase only)



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

Download today



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