

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



## 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

## Ordering

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



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

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

### Download today

