ENGINEERING TOMORROW



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.









Functionalities











New Auxiliary relay added. Now all the versions will have 6 outputs: 1 Compressor 2 Fan 3 Defrost 4 Light 5 AUX1 6 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.	Туре
<u>080Z3220</u>	AK-RC 111 – Single-phase, 2 HP – 16A
<u>080Z3221</u>	AK-RC 113 – 3-phase, 4 HP – 4.5-6.3A
<u>080Z3222</u>	AK-RC 113 – 3-phase, 4 HP – 7-10A
<u>080Z3226</u>	AK-RC 113 – 3-phase, 7.5 HP – 11-16A
080Z3227	AK-RC 113 – 3-phase, 7.5 HP – 14-20A
7,,,/	

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.

Simple to advanced connected cold rooms



For single and 3-phase room cooling systems up



*** Multiple defrost methods, including hot gas (single phase



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





Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.