

UK DECLARATION OF INCORPORATION

Danfoss A/S System Solutions and New Business

declares under our sole responsibility, that the following partly completed machinery is in conformity with the following parts of the Supply of Machinery (Safety) Regulations 2008 and that relevant technical documentation is compiled.



Product category: Condensing units

Type designation(s):

Product Range	Type Designation	Product Version
Optyma™ Slim Pack	OP-LSH*; OP-LSQ*; OP-MSH*; OP-MSG*; OP-MSZ*; OP-MSX*; OP-MSY*; OP-MSB*;	W05 & W09
Optyma™ Plus	OP-LPH*; OP-LPQ*; OP-MPH*; OP-MPG*; OP-MPX*; OP-MPY* OP-MPB*; *OP-LPO*;	P00, P02, P05, P06 & P07
Optyma™ Plus INVERTER	OP-MPPM*	P01
Optyma™	OP-SC**; OP-NL**; NL**; SC**; TL**; FR**;	N0, N1, N2, T0, T1 & T2
	OP-LCQ*; OP-LGQ*; OP-MCR*; OP-MGR*	A02, C25, A14
	OP-LCH*; OP-LCQ*; OP-MCH*; OP-MCG*; OP-LCN*; OP-MCN*;	A00, A01, A04, A09, A10, A11

*: followed by 10 characters can be found in Product name plate/Instructions /Catalogue

** : followed by 6 characters can be found in Product name plate/Instructions

Date: 2021.08.20 Place of issue: Z.I de Reyrieux 01600 Trévoux, France	Issued by  Signature: Name: Renevier Gaël Title: Head of R&D – SY	Date: 2021.08.20 Place of issue: El Prat de Llobregat 8820 Barcelona, Spain	Approved by  Signature: Name: Federici Rogerio Title: Head of System Solutions
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Danfoss only vouches for the correctness of the English version of this declaration. In the event of the declaration being translated into any other language, the translator concerned shall be liable for the correctness of the translation

are in conformity with the following Directive(s), Regulation(s) and standard(s) provided that the product is used in accordance with our instructions:

Supply of Machinery (Safety) Regulations 2008

Following essential health and safety requirements have been applied and fulfilled Schedule 2 part 1 Annex I

BS EN 60335-1:2012 + A11:2014 – Household and similar electrical appliances – Safety-Part 1: General requirements.

BS EN 60335-2-34:2013 - Household and similar electrical appliances – Safety. Part 2-34: Particular requirements for motor-compressors.

The partly completed machinery is in conformity with the following other directive(s), Regulation(s), harmonized standard(s) or other normative document(s), provided it/they are used in accordance with our instructions.

Energy Information(Amendment) (EU Exit) Regulations 2019 establishing a framework for the setting of Ecodesign requirements for energy-related products.

implementing Energy Information(Amendment) (EU Exit) Regulations 2019 requirements for professional refrigerated storage cabinets, blast cabinets, condensing units and process chillers. Product information required in tables 4 and 5 of the regulations at annex V are available for individual products with approved refrigerant fluids in Coolselector®2 Software, which can be freely downloaded at website <https://www.danfoss.com>

Condensing unit measurements are made according to standard “BS EN 13771-2:2017” – Compressor and condensing units for refrigeration-performance testing and test methods – Part 2: Condensing units.

This partly completed machinery must not be used before the final machinery into which it is to be incorporated has been declared in conformity with the Machinery Directive and other relevant directives.

By reasoned request by national authorities, we undertake to transmit relevant information about the partly completed machinery. The issuer of this declaration is also the person who is authorized to compile relevant technical documentation in accordance with part B of Schedule 2 part 7 Annex VII

Pressure Equipment (Safety) Regulations 2016

Condensing unit assembled with different components & the piping is in compliance with Sound Engineering Practice.

The classifications of the pressure equipment used in the condensing units are as listed below:

Pressure Equipment	Part Description	Category Group - 2
Safety Device	Pressure Switch (KP, ACB)	IV
Pressure Accessory	Pressure Transmitter (DST)	Sound Engineering Practice
Pressure Accessory	Expansion Valve (ETS)	I
Vessel	Compressor (SC, SC*, TL*, NL*, MP, NB*, AJ, FH, FR, NF, ML, NP*, NX*, MLZ, MTZ, NTZ, LLZ, VLZ)	I
Vessel	NS*	II
Vessel	Receiver (Volume 0.8L, 1.1, 1.3L)	Sound Engineering Practice
Vessel	Receiver (Volume 1.6L, 3L, 3.4L, 5.2L, 6.2L)	I
Vessel	Receiver (Volume 7.3L, 7.8L, 10L, 14.3L)	II
Vessel	Oil separator (1.45 L)	Sound Engineering Practice
Vessel	Oil separator (2.1 L)	I
Vessel	Combo Filter drier (DMC*)	Sound Engineering Practice
Vessel	Condenser – BG1, BG2, BG3, BG4/5, BG6 & BG7	Sound Engineering Practice
Vessel	Condenser – BG8	I
Vessel	Condenser – BG7 (7.5mm)	I
Vessel	Condenser 25.4S (A7 - 021U0983)	Sound Engineering Practice
Vessel	Condenser 25.4S (D7 - 021U0982)	Sound Engineering Practice
Vessel	Condenser 25.4S (G7 - 021U0984)	I
Vessel	Condenser 25.4S (J7 - 021U0985)	I
Vessel	Filter Drier , Sight Glass & Service Valves	Sound Engineering Practice

* Compressor/ component model(s) are qualified with Group 1 refrigerant.