

Danfoss A/S6430 Nordborg
Denmark
CVR nr.: 20 16 57 15Telephone: +45 7488 2222
Fax: +45 7449 0949**EU 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 Machinery Directive and that relevant technical documentation is compiled.

Product category: Condensing units

Type designation(s):

Product Range	Code	Type Designation	PED Cat. (Group 2)
Optyma™ iCO ₂	114X6001	OP-MPAM005COP04G	I

Code and type designation can be found in Product name plate/Instructions /Catalogue



Machinery Directive, 2006/42/EC

Following essential health and safety requirements have been applied and fulfilled (Annex I)

EN 60335-1:2012 + AC:2014 + A11:2014 + A13:2017 + A1:2019 + A2:2019 + A14:2019 – Household and similar electrical appliances – Safety-Part 1: General requirements.

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), harmonized standard(s) or other normative document(s), provided it/they are used in accordance with our instructions.

Date: 2024.10.07 Place of issue: Z.I de Reyrieux 01600 Trévoux, France	Issued by  Signature: Name: Renevier Gaël Title: Head of R&D – SY	Date: 2024.10.07 Place of issue: Carr. Miguel Alemán No. 162. El Milagro Apodaca, NL 66634 Mexico	Approved by  Signature: Name: Xavier Casas Valdez Title: Head of System Solutions
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Eco-design Directive, 2009/125/EC

Establishing a framework for the setting of Eco-design requirements for energy-related products.

Regulation (EU) 2015/1095

Implementing Eco-design Directive 2009/125/EC with regards to Eco-design 2018 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 EN 13771-2:2017 – Compressor and condensing units for refrigeration-performance testing and test methods – Part 2: Condensing units.

Pressure Equipment Directive 2014/68/EU

The piping of these partly completed machinery follows Art. 4.3 (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 (14MPa ref MR148465-0230)	IV
Safety device	Pressure Relief valve (ref MR148421-0500)	IV
Pressure Accessory	Pressure Transmitter (0-10Mpa Ref MR148220-0120) Pressure Transmitter (0-19.6 MPa Ref MR148220-0010)	Article 4.3
Valves	High and medium pressure expansion valve (Ref MR148141-0070)	Article 4.3
Vessel	Compressor (ref MR442207-0030)	I
vessel	Receiver (volume 2.5 L ref MR148191-0220)	I
Vessel	Filter Drier (DMT083s ref MR148161-0400)	Article 4.3
Vessel	Gas Cooler (Ref MR148700-0940)	Article 4.3
Vessel	Suction accumulator (volume 2.5 L ref MR148191-0210)	I
Piping	Sight Glass (ref MR148161-0410)	Article 4.3
Piping	Ball valves (GBCH 10s ref MR148161-0390)	Article 4.3
Pressure Accessory	Pressure Transmitter (0-10Mpa Ref MR148220-0120) Pressure Transmitter (0-19.6 MPa Ref MR148220-0010)	Article 4.3

Date: 2024.10.07
Place of issue:

Z.I de Reyrieux
01600 Trévoux,
France

Issued by

Signature:

Name: Renevier Gaël

Title: Head of R&D – SY

Date: 2024.10.07
Place of issue:

Carr. Miguel Alemán
No. 162. El Milagro
Apodaca, NL 66634
Mexico

Approved by

Signature:

Name: Xavier Casas Valdez

Title: Head of System Solutions

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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 Annex VII.

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Fax: +45 7449 0949**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 and that relevant technical documentation is compiled.

Product category: Condensing Units**Type designation(s):**

Product Range	Code	Type Designation	PED Cat. (Group 2)
Optyma™ iCO ₂	114X6001	OP-MPAM005COP04G	I

Code and type designation can be found in Product name plate/Instructions /Catalogue



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), harmonized standard(s) or other normative document(s), provided it/they are used in accordance with our instructions.

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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.

Pressure Equipment (Safety) Regulations 2016

The piping of these partly completed machinery follows 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 (14MPa ref MR148465-0230)	IV
Safety device	Pressure Relief valve (ref MR148421-0500)	IV
Pressure Accessory	Pressure Transmitter (0-10Mpa Ref MR148220-0120) Pressure Transmitter (0-19.6 MPa Ref MR148220-0010)	Article 4.3
Valves	High and medium pressure expansion valve (Ref MR148141-0070)	Article 4.3
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Vessel	Suction accumulator (volume 2.5 L ref MR148191-0210)	I
Piping	Sight Glass (ref MR148161-0410)	Article 4.3
Piping	Ball valves (GBCH 10s ref MR148161-0390)	Article 4.3
Pressure Accessory	Pressure Transmitter (0-10Mpa Ref MR148220-0120) Pressure Transmitter (0-19.6 MPa Ref MR148220-0010)	Article 4.3

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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 Regulations and other relevant regulations.

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

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