

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	Type Description	Product Version	PED Cat. (Group 1)	PED Cat. (Group 2)
Optyma™ Slim Pack	OP-LSVM048NT*; OP-LSVM068NT*; OP-LSVM026DS*; OP-LSVM034DS*; OP-MSTM021DX*; OP-MSTM022DS*; OP-MSTM026DS*; OP-MSTM034DS*; OP-MSTM038DS*; OP-MSIM034ML*; OP-MSIM044ML*; OP-MSIM046ML*; OP-MSIM057ML*; OP-MSIM068ML*; OP-MSIM080ML*; OP-MSIM099ML*; OP-MSIM108ML*	W05 & W09	II	I
	OP-MSTM008DY*; OP-MSTM009DY*; OP-MSTM012DP*; OP-MSTM014DP*; OP-MSSM026CS*; OP-MSSM030CS*; OP-MSTM018DX*; OP-MSSM012SC*; OP-MSSM015SC*; OP-MSSM018SC*; OP-MSSM021SC*		I	I

Date: 2023.03.07 Place of issue: Z.I de Reyrieux 01600 Trévoux, France	Issued by  Signature: Name: Renevier Gaël Title: Head of R&D – SY	Date: 2023.03.07 Place of issue: 1769 E. Paul Dirac D Tallahassee, FL 32310, USA	Approved by  Signature: Name: Jose Lopes Alvares Title: Head of System Solutions
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Optyma™ Plus	OP-LPVM048NT*; OP-LPVM068NT*; OP-LPVM026DS*; OP-LPVM034DS*; OP-MPTM021DX*; OP-MPTM022DS*; OP-MPTM026DS*; OP-MPTM034DS*; OP-MPTM038DS*; OP-MPIM034ML*; OP-MPIM044ML*; OP-MPIM046ML*; OP-MPIM057ML*; OP-MPIM068ML*; OP-MPIM080ML*; OP-MPIM099ML*; OP-MPIM108ML*; OP-MPIM125ML*; OP-MPIM162ML*	P00	II	I
	OP-LPKM067LL*; OP-LPKM084LL*; OP-LPKM098LL*; OP-LPKM120LL*; OP-LPKM168LL*	P02		
	OP-MPTM008DY*; OP-MPTM009DY*; OP-MPTM012DP*; OP-MPTM014DP*; OP-MPTM018DX*; OP-MPSM026CS*; OP-MPSM030CS*	P00	I	I

Product	Description	Version	PED Cat (Group 2)
Optyma™ Slim Pack	OP-LSQM048NT*; OP-LSQM068NT*; OP-LSQM067LL*; OP-LSQM084LL*; OP-LSQM098LL*; OP-MSGM012SC*; OP-MSGM015SC*; OP-MSGM018SC*; OP-MSGM021SC*; OP-MSXM034ML*; OP-MSXM044ML*; OP-MSXM046ML*; OP-MSXM057ML*; OP-MSXM068ML*; OP-MSXM080ML*; OP-MSXM099ML*; OP-MSXM108ML*	W05 & W09	I
Optyma™ Plus	OP-LPQM048NT*; OP-LPQM068NT*; OP-MPGM012SC*; OP-MPGM015SC*; OP-MPGM018SC*; OP-MPGM021SC*; OP-MPXM044ML*; OP-MPXM099ML*	P00	
	OP-LPOM067LL*; OP-LPOM084LL*; OP-LPQM098LL*	P02	
	OP-MPXM034ML*; OP-MPXM046ML*; OP-MPXM057ML*; OP-MPXM068ML*; OP-MPXM080ML*; OP-MPXM108ML*	P00 & P05	
	OP-MPPM028VVL*; OP-MPPM035VVL*; OP-MPPM044VVL*	P01	
	OP-MPXM125ML*; OP-MPXM162ML*	P00, P05 & P07	
	OP-LPOM120LL*; OP-LPOM168LL*	P02	II

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*Followed by 4 characters

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 60335-2-40:2003+A11:2004+A12:2005+A1:2006+A2:2009+A13:2012[LVD] - Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers.

EN 60335-1:2012+A11:2014+A13:2017 [LVD] Household and similar electrical appliances - Safety - Part 1: General requirements.

EN 60335-2-89: 2010+A2:2017 [MD,LVD] Household and similar electrical appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor.

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.



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.

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Electromagnetic Compatibility – Directive 2014/30/EU

EN / IEC 61000-6-3:2007, EN 6100-6-3:2007/A1:2011/AC:2012, EN 61000-6-3:2007/A1:2011
- Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-Industrial environments.

EN61000-6-2:2019 - Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments (IEC 61000-6-2:2016).

Pressure Equipment Directive 2014/68/EU

EN378-2:2016 Refrigerating system and heat pumps – safety and environmental requirements
– Part 2: Design, construction, testing, marking and documentation (As applicable clauses)

EN14276-2:2007 + A1:2011 Pressure equipment for refrigerating system and heat pumps.
Conformity assessment module A2 (TÜV NORD Systems GmbH & Co. KG, Große Bahnstraße 31, 22525 Hamburg, Germany)

Conformity assessment is according to PED module A2.

Name and Address of the Notified Body carried out the PED Inspection according to Module A2

TÜV NORD Systems GmbH & Co. KG
Notified body no: 0045
Große Bahnstraße 31,
22525 Hamburg, Germany.





Certificate No of Module A2:

0045/202/9070/Z/00506/21/D/001(03) issued on 13/02/2023

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.

Date: 2023.03.07 Place of issue: Z.I de Reyrieux 01600 Trévoux, France	Issued by  Signature: Name: Renevier Gaël Title: Head of R&D – SY	Date: 2023.03.07 Place of issue: 1769 E. Paul Dirac D Tallahassee, FL 32310, USA	Approved by  Signature: Name: Jose Lopes Alvares Title: Head of System Solutions
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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	Type Description	Product Version	PED Cat. (Group 1)	PED Cat. (Group 2)
Optyma™ Slim Pack	OP-LSVM048NT*; OP-LSVM068NT*; OP-LSVM026DS*; OP-LSVM034DS*; OP-MSTM021DX*; OP-MSTM022DS*; OP-MSTM026DS*; OP-MSTM034DS*; OP-MSTM038DS*; OP-MSIM034ML*; OP-MSIM044ML*; OP-MSIM046ML*; OP-MSIM057ML*; OP-MSIM068ML*; OP-MSIM080ML*; OP-MSIM099ML*; OP-MSIM108ML*	W05 & W09	II	I
	OP-MSTM008DY*; OP-MSTM009DY*; OP-MSTM012DP*; OP-MSTM014DP*; OP-MSSM026CS*; OP-MSSM030CS*; OP-MSTM018DX*; OP-MSSM012SC*; OP-MSSM015SC*; OP-MSSM018SC*; OP-MSSM021SC*		I	I

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Optyma™ Plus	OP-LPVM048NT*; OP-LPVM068NT*; OP-LPVM026DS*; OP-LPVM034DS*; OP-MPTM021DX*; OP-MPTM022DS*; OP-MPTM026DS*; OP-MPTM034DS*; OP-MPTM038DS*; OP-MPIM034ML*; OP-MPIM044ML*; OP-MPIM046ML*; OP-MPIM057ML*; OP-MPIM068ML*; OP-MPIM080ML*; OP-MPIM099ML*; OP-MPIM108ML*; OP-MPIM125ML*; OP-MPIM162ML*	P00	II	I
	OP-LPKM067LL*; OP-LPKM084LL*; OP-LPKM098LL*; OP-LPKM120LL*; OP-LPKM168LL*	P02		
	OP-MPTM008DY*; OP-MPTM009DY*; OP-MPTM012DP*; OP-MPTM014DP*; OP-MPTM018DX*; OP-MPSM026CS*; OP-MPSM030CS*	P00	I	I

Product	Description	Version	PED Cat (Group 2)
Optyma™ Slim Pack	OP-LSQM048NT*; OP-LSQM068NT*; OP-LSQM067LL*; OP-LSQM084LL*; OP-LSQM098LL*; OP-MSGM012SC*; OP-MSGM015SC*; OP-MSGM018SC*; OP-MSGM021SC*; OP-MSXM034ML*; OP-MSXM044ML*; OP-MSXM046ML*; OP-MSXM057ML*; OP-MSXM068ML*; OP-MSXM080ML*; OP-MSXM099ML*; OP-MSXM108ML*	W05 & W09	I
Optyma™ Plus	OP-LPQM048NT*; OP-LPQM068NT*; OP-MPGM012SC*; OP-MPGM015SC*; OP-MPGM018SC*; OP-MPGM021SC*; OP-MPXM044ML*; OP-MPXM099ML*	P00	
	OP-LPOM067LL*; OP-LPOM084LL*; OP-LPQM098LL*	P02	
	OP-MPXM034ML*; OP-MPXM046ML*; OP-MPXM057ML*; OP-MPXM068ML*; OP-MPXM080ML*; OP-MPXM108ML*	P00 & P05	
	OP-MPPM028VVL*; OP-MPPM035VVL*; OP-MPPM044VVL*	P01	
	OP-MPXM125ML*; OP-MPXM162ML* OP-LPOM120LL*; OP-LPOM168LL*	P00, P05 & P07 P02	

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

BS EN 60335-2-40:2003+A11:2004+A12:2005+A1:2006+A2:2009+A13:2012[LVD] - Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers.

BS EN 60335-1:2012+A11:2014+A13:2017 [LVD] Household and similar electrical appliances - Safety - Part 1: General requirements.

BS EN 60335-2-89: 2010+A2:2017 [MD,LVD] Household and similar electrical appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor.



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>

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Electromagnetic Compatibility Regulations 2016

BS EN / IEC 61000-6-3:2007, BS EN 6100-6-3:2007/A1:2011/AC:2012, BS EN 61000-6-3:2007/A1:2011 - Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-Industrial environments.

BS EN61000-6-2:2019 - Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments (IEC 61000-6-2:2016).

Pressure Equipment (Safety) Regulations 2016

BS EN 378-2:2016 Refrigerating system and heat pumps – safety and environmental requirements – Part 2: Design, construction, testing, marking and documentation (As applicable clauses)

BS EN14276-2:2007 + A1:2011 Pressure equipment for refrigerating system and heat pumps. Conformity assessment module A2 (TÜV NORD Systems GmbH & Co. KG, Große Bahnstraße 31, 22525 Hamburg, Germany)

Conformity assessment is according to PED module A2.

Name and Address of the Notified Body carried out the PED Inspection according to Module A2

TÜV NORD Systems GmbH & Co. KG
Notified body no: 0045
 Große Bahnstraße 31,
 22525 Hamburg, Germany.





Certificate No of Module A2:

0045/202/9070/Z/00506/21/D/001(03) issued on 13/02/2023

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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