

**Danfoss A/S**6430 Nordborg
Denmark
CVR nr.: 20 16 57 15Telephone: +45 7488 2222
Fax: +45 7449 0949**MANUFACTURER'S DECLARATION****Danfoss A/S****System solutions & New Business**

declares under our sole responsibility that the

Product category: Condensing units

Type designation(s):

Product Range	Type Designation	Product Version
Optyma™ Plus Inverter	OP-MPPM028VVLP01E, OP-MPPM035VVLP01E, OP-MPPM044VVLP01E	P01
Optyma™ Plus	OP-LPOM067LLP02E, OP-LPOM084LLP02E, OP-LPOM098LLP02E, OP-LPOM120LLP02E, OP-LPOM168P02E	P02

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

EU:

- Machinery Directive 2006/42/EC
- Low Voltage Directive 2014/35/EU
- Eco-design Directive 2009/125/EC (Regulation (EU) 2015/1095)
- RoHS Directive 2011/65/EU including amendment 2015/863
- Electromagnetic Compatibility – Directive 2014/30/EU
- Pressure Equipment Directive 2014/68/EU
- Waste Electrical and Electronic Equipment Directive (WEEE Directive) 2012/19/EU

Date: 2021.08.24 Place of issue: Z.I de Reyrieux 01600 Reyrieux, France	Issued by  Signature: Name: Renevier Gaël Title: Head of R&D – SY	Date: 2021.08.24 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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UK:

- Supply of Machinery (Safety) Regulations 2008
- Electrical Equipment (Safety) Regulations 2016
- Energy Information(Amendment) (EU Exit) Regulations 2019
- UK RoHS Regulation: The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (as amended)
- Electromagnetic Compatibility Regulations 2016
- Pressure Equipment (Safety) Regulations 2016
- The Waste Electric and Electronic Equipment (WEEE) Regulations 2013

The piping of these partly completed machinery follows Art. 4 § 3 (Sound Engineering Practice). Brazing joints are made by qualified personnel certified by Notified body. (TUV Nord, Notified body no : 0045)

Part Description	Volume	PED Category
Compressor (VLZ028 ~ VLZ044) Compressor (LLZ013 ~ LLZ034)	-	I
Receiver	6.2 L	I
Receiver	10 L	II
Micro channel condenser (G7)	1.62 L	I
Micro channel condenser (J7)	1.97 L	I
Oil Seperator	2.1 L	I
Oil Seperator	1.4 L	Art 4.3 / Sound Engineering Practice
Pressure Switch catridge	Safety device	IV
Filter drier, Sight glass, Ball valve	Piping	Art 4.3 / Sound Engineering Practice
Pressure transmitter	Pressure accessory	Art 4.3 / Sound Engineering Practice

Application	: Refrigeration
PS _{np}	: 28 Bar
PS _{ip}	: 22 Bar
Fluid group	: 2

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