



Danfoss A/S

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EU DECLARATION OF CONFORMITY

Danfoss A/S

System Solutions and New Business Division

Declares under our sole responsibility that the
Product(s): Condensing Units

For the Optyma™ series covered by this declaration:

OP-LC*; OP-LG*; OP-LP*; OP-LS*; OP-MC*; OP-MG*; OP-MP*; OP-MS*; OP-UC*; OP-UG*; OP-SM*
(* = followed by 11 characters, with the code starting with 114X and followed by 4 numbers).

Products with the following code numbers are excluded and not covered by this declaration:

114X5017; 114X5408; 114X5021; 114X5074; 114X5040; 114X5041; 114X5042; 114X5094; 114X5144;
114X5043; 114X5095; 114X5149; 114X5679

For others* covered by this declaration:

X XXXX XXX
1 2 3

1: F, T, N, S, P, B or G

2: any 4 characters

3: N0, N1, N2, T0, T1, T2, A00, A01, A02, A03 or A04

*: But only products with the code numbers starting with 114G, 114H, 114U, 114E, 114F or 114X and followed by 4 numbers.

Products with the following code numbers are excluded and not covered by this declaration:

114E2534; 114F5062; 114H6335; 114H6735

Covered by this declaration is in conformity with the following directive(s), standard(s) or other normative document(s), provided that the product is used in accordance with our instructions.

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

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Electromagnetic compatibility 2014/30/EU**EN 61000-6-1:2007**

Electromagnetic compatibility (EMC) - Part 6-1: Generic standards; Immunity for residential, commercial and light-industrial environments

EN 61000-6-3:2007 + A1:2011

Electromagnetic compatibility (EMC) - Part 6-3: Generic standards; Emission standard for residential, commercial and light-industrial environments including Amendment 1.

EN 61000-3-2:2014

Electromagnetic compatibility (EMC) - Part 3-2: Limits for harmonic current emissions (equipment input current $\leq 16A$ per phase)

EN 61000-3-3:2013

Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current $\leq 16A$ per phase and not subjected to conditional connection- for condensing units with compressor platforms F,T,N,P and $\leq SC10$

EN 61000-3-11:2000

Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current $\leq 75A$ and subjected to conditional connection

Pressure Equipment Directive 2014/68/EU

EN 378-2:2016 - Refrigerating systems and Heat Pumps - Safety and environmental requirements- Parts 2: Design, construction, testing, marking and documentation.

Note: - "Even though all condensing units covered by this declaration comply with the standard EN 378-2:2016, the CE-marking according to 2014/68/EU only covers those in category II or higher. The condensing units in category I are not allowed to be CE-marked according to 2014/68/EU, when they are also within the scope of 2006/42/EC."

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

Pressure Equipment	Part Description	Category	Conformity Module
Safety Device	Pressure Switch	IV	B
Intrinsic Safety Device	Pressure Transmitter	I	Article 4.3
Vessel	Compressor	I and II	D1
Vessel	Receiver	I	D1
Vessel	Filter Drier	I	Article 4.3
Vessel	Condenser	I	Article 4.3
Piping	Sight glass	I	Article 4.3
Piping	Service Valves	I	Article 4.3

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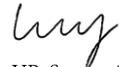
Low Voltage Directive 2014/35/EU

EN 60335-1:2012 + A11:2014- Household and similar electrical appliances-Safety-Part 1: General requirements-for all above mentioned condensing units with compressor platforms F,T,N,S,P and G

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 regard to Eco-design requirements for professional refrigerated storage cabinets, blast cabinets, condensing units and process Chiller.

Condensing unit measurements are made according to standard “EN 13771-2:2007” – Compressor and condensing units for refrigeration-performance testing and test methods- part 2: Condensing units

Date March 9 th 2018	Issued by Renevier Gael  Signature Name Title Chief Engineer – CU-CC, R&D	Date	Approved by Alexander Wolf  Signature Name Title VP, System Solutions & New Business
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