

**Danfoss A/S**6430 Nordborg
Denmark
CVR nr.: 20 16 57 15Telephone: +45 7488 2222
Fax: +45 7449 0949**EU DECLARATION OF CONFORMITY****Danfoss A/S**
HydronicS Division

declares under our sole responsibility that the



Product category: Mixing Shunts for Floor Heating

Type designation(s): 088U0094 FHM-C1 and 088U0092 FHM-C2 (without FTC)

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

LVD – Low Voltage Directive (2014/35/EU)

- EN 60335-1:2012 Household and similar electrical appliances - Safety - Part 1: General requirements, including AC:2014, A11:2014, A13:2017, A1:2019, A14:2019, A2:2019 and A15:2021
- EN 60335-2-51:2003 Household and similar electrical appliances - Safety - Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations, including A1:2008 and A2:2012
- EN 62233:2008 Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure, including AC:2008

Date: 06 October 2023 Place of issue: Ljubljana	Issued by Signature: <small>DocuSigned by:</small>  Name: Samo Krancan <small>49CB37CCBD05404...</small> Title: Sustainability and Compliance Director	Date: 06 October 2023 Place of issue: Nordborg	Approved by Signature: <small>DocuSigned by:</small>  Name: Nanna Aage Lundsgaard <small>02742C4F8E8A4FD</small> Title: Vice President, Head of RD&E, Hydronic Division
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EMC – Electromagnetic Compatibility Directive (Directive 2014/30/EU)


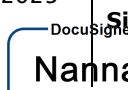
- EN 55014-1:2017 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission, including A11:2020
- EN 55014-2:1997 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard, including AC:1997, A1:2001 and A2:2008
- EN 61000-3-2:2014 Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
- EN 61000-3-3:2013 Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection

ECO-design - Energy related products (Directive 2009/125/EC)

- Commission Regulation (EC) No 641/2009
- Commission Regulation (EC) No 622/2012
- EN 16297-1:2012 Pumps. Rotodynamic pumps. Glandless circulators. General requirements and procedures for testing and calculation of energy efficiency index (EEI)
- EN 16297-2:2012 Pumps. Rotodynamic pumps. Glandless circulators. Calculation of energy efficiency index (EEI) for standalone circulators
- EN 16297-3:2012 Pumps. Rotodynamic pumps. Glandless circulators. Energy efficiency index (EEI) for circulators integrated in products
- $EEI \leq 0.23$

RoHS - Restriction of the use of certain hazardous substances Directive (2011/65/EU), including amendment 2015/863.

- EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

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Electrical Equipment (Safety) Regulations 2016

- BS EN 60335-1:2012 Household and similar electrical appliances - Safety - Part 1: General requirements, including AC:2014, A11:2014, A13:2017, A1:2019, A14:2019, A2:2019 and A15:2021
- BS EN 60335-2-51:2003 Household and similar electrical appliances - Safety - Part 2-51: Particular requirements for stationary circulation pumps for heating and service water installations, including A1:2008 and A2:2012
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Electromagnetic Compatibility Regulations 2016

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The Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations 2019

- Commission Regulation (EC) No 641/2009
- Commission Regulation (EC) No 622/2012
- BS EN 16297-1:2012 Pumps. Rotodynamic pumps. Glandless circulators. General requirements and procedures for testing and calculation of energy efficiency index (EEI)
- BS EN 16297-2:2012 Pumps. Rotodynamic pumps. Glandless circulators. Calculation of energy efficiency index (EEI) for standalone circulators
- BS EN 16297-3:2012 Pumps. Rotodynamic pumps. Glandless circulators. Energy efficiency index (EEI) for circulators integrated in products
- $EEI \leq 0.23$

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (as amended)

- BS EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

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