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MANUFACTURER'S DECLARATION**Danfoss A/S**

Refrigeration & Air Conditioning Controls

declares under our sole responsibility that the

Product category: Check valve

Type designation(s): CCV 6s/10s/12s/16s/19s/22s/28s/35s

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



Pressure Equipment Directive 2014/68/EU

EN 12284: 2003 "Refrigerating systems and heat pumps – Valves – Requirements, Testing and marking";

Type	DN (mm)	PS (bar)	Fluid Group	TS (°C)	PED category
CCV	6~25	45	I ⁽²⁾ , II ⁽¹⁾	-50~155	Article 4, Paragraph 3 ⁽³⁾
	32	45	II ⁽¹⁾	-50~155	
	32	35	II ⁽¹⁾	-50~155	

Note:

- Fluid group II (non-toxic and non-flammable refrigerants);
- Fluid group I (flammable or toxic refrigerants);
- Article 4, paragraph 3 which means that:
 - The products are designed in conformity with sound engineering practice of a Member States in order to ensure safe use.
 - The products are not allowed to carry the CE mark and may not be used as safety equipment;

Date: 2021.07.16 Place of issue: 301700 Tianjin China	Issued by  Signature: Name: Zhang Jian Title: Lead design engineer	Date: 2021.07.16 Place of issue: 301700 Tianjin China	Approved by  Signature: Name: Jing (Amy) Xiao Title: Director of RD&E, RAC-RPC
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RoHS Directive 2011/65/EU and 2015/863/EU

Concentration values:

Not exceeding maximum concentration values of restricted substances referred to in Annex II or as allowed in applicable exemption referred to in Annex III or Annex IV of the Directive.

For the above-mentioned products, the following exemption(s) of Annex III is applicable.

- Exemption 6 (c)
- Exemption 6 (b)
- For the assessment of the restricted substances the harmonized standard EN IEC 63000:2018 has been applied

Ignition Hazard Assessments for component(s) used in fluid group I were conducted in accordance to

EN ISO 80079-36 Non-electrical equipment for explosive atmospheres – Basic method and requirements

The component(s) do not have its own source of ignition according to 2014/34/EU, Article 2 when operated as intended in normal conditions (Category3, Zone 2)

Equipment used for the above condition must be designed, installed and maintained according to: IEC60335-2-24/ IEC60335-2-40/ IEC60335-2-89/ EN378/ ISO5149/ GBT9237 or equivalent standards.