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MANUFACTURER'S DECLARATION

Danfoss A/S

declares under our sole responsibility that the product(s)

Electronic expansion valve for refrigerant system

Type AKV 10 and AKV 15

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.

Pressure Equipment Directive 97/23/EC

- EN 12284 : 2003 Refrigerating systems and heat pumps-Valves -Requirements, testing and marking
EN12165 : 2011 Copper and copper alloys – Wrought and unwrought forging stock
EN12449 : 2012 Copper and copper alloys – Seamless round tubes for general purpose
EN 1563 : 1997 Founding. Spheroidal graphite cast iron
EN 10088-1 : 2005 List of stainless steel
EN 10088-2 : 2005 Technical delivery conditions for sheet/plate and stripe of corrosion resisting steel and bright.
EN 10088-3 : 2005 Technical delivery conditions for semi-finished products, bars, rod, wire, sections and bright Products of corrosion resisting steels for general purpose.

Fluid group

Group II Nontoxic, non-flammable refrigerant

Maximum Working Pressure:

AKV 10-1 to 6 52 barg (753 psig)
AKV 10-7 42 barg (609 psig)
AKV 15-1/2/3 42 barg (609 psig)
AKV 15-4 28 barg (406 psig)

Nominal bore:

AKV 10: DN 10 - 16 ($\frac{3}{8}$ - $\frac{5}{8}$ inch)
AKV 15: DN 18 - DN28 ($\frac{3}{4}$ - 1 $\frac{1}{8}$ inch)

We hereby declare that mentioned equipment is covered by Article 3, paragraph 3.

Date 2013-01-18	Issued by Sun Jing	Date 2013-01-18	Approved by 
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