

DECLARATION OF CONFORMITY
 The Pressure Equipment Directive 97/23/EC
 The RoHS Directive 2002/95/EC with amendment 2005/618/EC

Name and Address of the responsible Manufacturer within the European community

Danfoss A/S
 Refrigeration Controls
 Albuen 29
 DK-6000 Kolding
 Denmark

Description of Pressure Equipment

Electronic expansion valve for refrigerant system
Type AKV 10 and AKV 15

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)
Classified for	Fluid group II (non-toxic, and non-flammable regrigerants)
Maximum allowable working temperature	AKV 10 -50 to 60°C (-58°F to 140°F) AKV 15 -40 to 60°C (-40°F to 140°F)
Maximum allowable ambient temperature	AKV 10 -50 to 50°C (-58°F to 122°F) AKV 15 -40 to 50°C (-40°F to 122°F)
Maximum allowable working pressure PB	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)
Burst pressure	>5 x PB
Relative humidity RH	100%

Declaration

We herby declare that mentioned equipment for fluid Group II are covered by Article 3, pharagraph 3

References of other Technical Standards and Specifications used


DIN 3158
 EN 12284
 AD-2000 Merkblatt
 ISO 3506
 EN 1563
 EN 12165
 EN 12449
 EN 10088

Compliance with EU Directive 2002/95/EC (RoHS)

This product conforms to the restriction of the use of lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB), and polybrominated diphenyl ethers (PBDE) as described in Directive 2002/95/EC of 27 January 2003 with the amendments in Commission Decision 2005/618/EC of 18 August 2005.

Authorised Person for the Manufacturer within the European Community

Name: Hans Eskildsen **Title:** Director of Operations

Signature:  **Date:** 24-08-2006