

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 20

Nominal bore	DN 32-54 mm (1¼-2½ inch)
Classified for	Fluid group II (all refrigerants (nontoxic, nonflammable))
Maximum allowable media temperature	-40 to 60°C (-40°F to 140°F)
Maximum allowable ambient temperature	-40 to 50°C (-40°F to 122°F)
Maximum allowable working pressure	28 barg (406 psig)

Conformity and Assessment Procedure followed

Category	I	
Module	A	

References of Harmonised Standards used

EN 1563
 EN 12165
 EN 10204

References of other Technical Standards and Specifications used


DIN 3158
 DIN 17671
 EN 12284
 AD-2000 Merkblatt

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