

**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

**Name and Address of the Notified Body monitoring the Manufacturer's Quality Assurance System**

TÜV - Nord e.V.  
 Grosse Bahnstrasse 31  
 D-2252 Hamburg  
 Germany



**Description of Pressure Equipment**

Electronic expansion valve for refrigerant system

**Type AKVA 20**

Nominal bore	DN 32-50 mm (1¼-2 inch)
Classified for	Fluid group I (all refrigerants (toxic, nontoxic, flammable, 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	42 barg (609 psig)

**Conformity and Assessment Procedure followed**

Category	II	
Module	D1	

**References of Harmonised Standards used**

EN 1563  
 EN 10222-4

**References of other Technical Standards and Specifications used**


DIN 3158  
 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