

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
DK-6430 Nordborg
Denmark

Name and Address of Manufacturer / Country of Origin

Danfoss (Tianjin) Ltd.
Refrigeration and A/C Controls Division
No. 5 Fuyuan Road, Wuqing Development Area
301700 Tianjin, China

Description of Pressure Equipment

Thermostatic expansion valves for refrigeration plants
type TGE10, 20, 40

Classified for	Fluid group II (non-toxic and non-flammable refrigerants)		
Maximum and minimum allowable temperature	Thermostatic element	N charge	-40°C/+100°C (-40°F/+212°F) R410A max. 70°C / 158°F
		K charge	-40°C/+150°C (-40°F/+302°F)
Maximum allowable working pressure	Valve body	-40°C/+110°C (-40°F/+230°F)	
	46 bar (670 psi)		

Conformity and Assessment Procedure Followed

	Max. Working Pressure	Nominal bore	Nominal bore	Category	Module
Fluid group II	46 bar (670 psi)	10 - 28 mm	3/8 - 1 1/8 in.	a3p3	-
		35 - 42 mm	1 3/8 - 1 5/8 in.	I	A

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.

References of other Technical Standards and Specifications used

DIN 12284

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Title: Global Product Manager

Signature:

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