

Danfoss A/S6430 Nordborg
Denmark
CVR nr.: 20 16 57 15Telephone: +45 7488 2222
Fax: +45 7449 0949**MANUFACTURER'S DECLARATION****Danfoss A/S****Refrigeration & Air Conditioning Controls**

declares under our sole responsibility that the

Product category: Valves**Type designation(s):**


Valves: CCM – CCMT – CTR - CVP - CVPP - CVH - CVQ - CVT – CVE - CVC - CVMD - EVM - ORV – AKS 4100 – LLS 4000/4000U - BV - CVMQ - TEAT - TEVA - EVRS - EVRST - EVRB - DSV – ICV PM - ICV - ICMT - ICMTS - ICF – ICF SS - NRVA - NRVS - NRS - FA - FIA – FIA SS -FIL - LLG - MLI - OFV - QDV - REG – REG SS – SCA – SCA SS - CHV – CHV SS - SNV-ST – SNV SS - SVA – SVA SS - AKVA - EVRA - SGT - PMFL/H

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 2014/68/EU (PED)

EN 12284:2003 Refrigerating systems and heat pumps. Valves. Requirements, testing and marking

Valve group	Types	DN	PS (bar)	Ts (°C)	Fluid Group	PED category
Pilot valves for servo operated main valves	CVP	-	17	-50°/+120°	I	Article 4, Paragraph 3
			28	-50°/+120°	I	Article 4, Paragraph 3
			52/65	-60°/+120°	I	Article 4, Paragraph 3
	CVPP	-	17	-50°/+120°	I	Article 4, Paragraph 3
			28	-50°/+120°	I	Article 4, Paragraph 3
			40	-50°/+120°	I	Article 4, Paragraph 3
			52/65	-60°/+120°	I	Article 4, Paragraph 3
	CVH	-	65	-50°/+120°	I	Article 4, Paragraph 3
	CVQ	-	17	-50°/+120°	I	Article 4, Paragraph 3
	CVT	-	19	-40°/+140°	I	Article 4, Paragraph 3
CVE	-	52/65	-60°/+120°	I	Article 4, Paragraph 3	

Date: 2020.03.25 Place of issue: Albuén 29, DK-6000 Kolding, Denmark	Issued by Signature  Name: Per Brüggert Title: Design Engineer	Date: 2020.03.25 Place of issue: Albuén 29, DK-6000 Kolding, Denmark	Approved by Signature:  Name: Jesper Kirkegaard Title: Engineering Director
--	--	--	---

Danfoss only vouches for the correctness of the English version of this declaration. In the event of the declaration being translated into any other language, the translator concerned shall be liable for the correctness of the translation

Valve group	Types	DN	PS (bar)	Ts (°C)	Fluid Group	PED category
Pilot valves for servo operated main valves	CVC	-	28	-50°/+120°	I	Article 4, Paragraph 3
			52	-50°/+120°	I	Article 4, Paragraph 3
			52/65	-60°/+120°	I	Article 4, Paragraph 3
	CVMD	-	28	-50°/+120°	I	Article 4, Paragraph 3
	CVMQ	-	17	-50°/+120°	I	Article 4, Paragraph 3
	EVM	-	52	-60°/+120°	I	Article 4, Paragraph 3
			65	-60°/+120°	I	Article 4, Paragraph 3
Oil regulating valves	ORV	25	40	-10°/+110°	I	Article 4, Paragraph 3
Electronic operated modulating control valves	CCMT 3L-5L-8L 3/8" and 1/2"	-	130	-5°/+55°	II	Article 4, Paragraph 3
	CCMT 3L-5L-8L 5/8" and 7/8"	-	140	-5°/+55°	II	Article 4, Paragraph 3
	CCM	-	90	-40°/+60°	II	Article 4, Paragraph 3
	CCMT	-	140	-40°/+60°	II	Article 4, Paragraph 3
	CTR	-	140	-10°/+150°	II	Article 4, Paragraph 3
Liquid Level Sensor	AKS 4100	-	100	-60°/+100°	I	Article 4, Paragraph 3
Liquid Level Switch	LLS 4000 /4000U	-	65	-50°/+120°	I & II	Article 4, Paragraph 3
Block valve	BV	-	-	-	I	Article 4, Paragraph 3
Expansion valves	TEAT	-	20	-	I	Article 4, Paragraph 3
	TEVA	-	20	-	I	Article 4, Paragraph 3
Double stop valves	DSV 1	25	40	-50°/+100°	I	Article 4, Paragraph 3
	DSV 10	15	65	-50°/+100°	I	Article 4, Paragraph 3
Electric expansion valves	AKVA	10-25	42	-50°/+60°	I	Article 4, Paragraph 3
Solenoid valves	EVRS	10-25	50	-40°/+105°	I	Article 4, Paragraph 3
	EVRST	15-25	50	-40°/+105°	I	Article 4, Paragraph 3
	EVRSB	-	-	-	I	Article 4, Paragraph 3
	EVRA	3-25	42	-40°/+105°	I	Article 4, Paragraph 3
	EVRAT	10-20	42	-40°/+105°	I	Article 4, Paragraph 3
Refrigerant regulation valve	ICV	20-35	52/65	-60°/+120°	I	Article 4, Paragraph 3
	PM	25-32	28	-60°/+120°	I	Article 4, Paragraph 3
	PMFL/H	20-32	28	-60°/+120°	I	Article 4, Paragraph 3
	ICM	-	52/65	-60°/+120°	I	Article 4, Paragraph 3
	ICMTS	-	140	-60°/+120°	I	Article 4, Paragraph 3
	ICF-SS	15-20	52	-60°/+120°	I	Article 4, Paragraph 3
	ICF	15-20	52/65	-60°/+120°	I	Article 4, Paragraph 3
Check valves	NRVA	15-25	40	-50°/+140°	I	Article 4, Paragraph 3
	NRVS	15-25	28	-50°/+140°	I	Article 4, Paragraph 3
	NRS	15-25	28	-50°/+140°	I	Article 4, Paragraph 3
Filter	FA	-	42	-50°/+140°	I	Article 4, Paragraph 3
	FIA	6-25	52/65	-60°/+150°	I	Article 4, Paragraph 3
	FIA-SS	10-25	52	-60°/+150°	I	Article 4, Paragraph 3
	FIL	6-25	52	-60°/+150°	I	Article 4, Paragraph 3

Valve group	Types	DN	PS (bar)	Ts (°C)	Fluid Group	PED category
Sight glass	LLG	-	25	-10°/+100°	I	Article 4, Paragraph 3
				-50°/+30°	I	Article 4, Paragraph 3
	MLI	20-25	25	-40°/+80°	I	Article 4, Paragraph 3
	SG	10-25	35	-50°/+80°	I	Article 4, Paragraph 3
Pressure regulating valves	OFV	20-25	40	-50°/+150°	I	Article 4, Paragraph 3
Shut-off valve	QDV	-	40	-50°/+150°	I	Article 4, Paragraph 3
	SVA	3-25	52/65	-60°/+150°	I	Article 4, Paragraph 3
	SVA-SS	3-25	52	-60°/+150°	I	Article 4, Paragraph 3
Hand-operated regulating valves	REG	3-25	52/65	-60°/+150°	I	Article 4, Paragraph 3
	REG-SS	3-25	52	-60°/+150°	I	Article 4, Paragraph 3
Check & stop valves	SCA	20-25	52/65	-60°/+150°	I	Article 4, Paragraph 3
	SCA-SS	20-25	52	-60°/+150°	I	Article 4, Paragraph 3
Check Valves	CHV	20-25	52/65	-60°/+150°	I	Article 4, Paragraph 3
	CHV-SS	20-25	52	-60°/+150°	I	Article 4, Paragraph 3
Gauge valves	SNV-ST	-	52/65	-60°/+150°	I	Article 4, Paragraph 3
	SNV-SS	-	52/65	-60°/+150°	I	Article 4, Paragraph 3