

Danfoss A/S6430 Nordborg
Denmark

CVR nr.: 20 16 57 15

Telephone: +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: Pressure Regulators

Type designation(s): KVL, KVP, KVR, KVC, KVD

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

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

Table 1

Product name	Classified for	Category	Maximum Working Pressure [bar]	DN [mm] or Max. net Volume [liter]
Crankcase pressure regulators, type: KVL12, KVL15, KVL20, KVL22	Fluid Group I (all refrigerants: toxic, non-toxic, flammable and non-flammable)	a4p3	18	12 – 22 mm
Evaporator pressure regulators, type: KVP12, KVP15, KVP20, KVP22			18	12 – 22 mm
Condensing pressure regulators, type: KVR12, KVR15, KVR20, KVR22			28	12 – 22 mm
Hot gas bypass regulator, type: KVC12, KVC15, KVC22			28	10 – 22 mm
Receiver pressure regulators, type: KVD12, KVD15			28	12 – 15 mm

Table 2

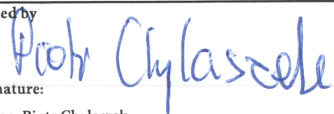
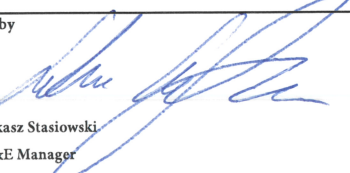
Product name	Classified for	Category	Maximum Working Pressure [bar]	DN [mm] or Max. net Volume [liter]
Crankcase pressure regulators, types: KVL28, KVL35	Fluid Group II (non-toxic and	a4p3	18	28 – 35 mm
Evaporator pressure regulators, types: KVP28, KVP35			18	28 – 35 mm
Condensing pressure regulators, types: KVR28, KVR35			28	28 – 35 mm

RoHS Directive 2011/65/EU including amendment 2015/863.

EN IEC 63000:2018. Technical documentation for the assessment of electrical and electronic products with respect to the restriction of the following hazardous substances:

Substance	Maximum concentration tolerated in homogeneous material
Lead (Pb)	0.1%
Mercury (Hg)	0.1%
Cadmium (Cd)	0.01%
Hexavalent chromium (CrVI)	0.1%
Polybrominated biphenyls (PBBs)	0.1%
Polybrominated biphenyl ethers (PBDEs)	0.1%
Bis (2-ethylhexyl) phthalate (DEHP)	0.1%
Butylbenzyl phthalate (BBP)	0.1%
Dibutyl phthalate (DBP)	0.1%
Diisobutyl phthalate (DIBP)	0.1%

The concentration limits in above table can be exceeded according to special requirements described in EAEU TR 037/2016 Annex 3: Special requirements

Date: 2020.11.24 Place of issue: Grodzisk Maz.	Issued by  Signature: Name: Piotr Chylaszek Title: Sr. Spec. Projects & Approvals	Date: 2020.11.24 Place of issue: Grodzisk Maz.	Approved by  Signature: Name: Łukasz Stasiowski Title: RD&E Manager
--	--	--	--