



**Danfoss A/S**

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**MANUFACTURER'S DECLARATION**

**Danfoss A/S**

Danfoss Cooling Segment, Refrigeration & Air Conditioning Controls

declares under our sole responsibility that the

**Product category: Filter Driers**

**Type designation(s):**

**DML, DCL, DMB, DCB, DMC, DCC, DAS, DGP, DMT, DAT, DMSC, DMLE, DCLE, DMBE, DCBE.**

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.



**PED Directive 2014/68/EU of the European Parliament and of the council**

EN 14276-1:2006+A1:2011: Pressure equipment for refrigerating systems and heat pumps – Part 1: Vessels

Types:	Allowable temperature:
DML, DCL, DMB, DCB, DMC, DCC, DAS, DGP, DMLE, DCLE, DMBE, DCBE.	-40°C/+70°C (-40°F/+160°F)
DMT, DAT,	-40°C/+100°C (-40°F/+212°F)
DMSC	-30°C/+17°C (-22°F/+63°F)

Types	Connector type	Filter size	Connector size	Max. allowable pressure	Fluid group	PED Category
DML, DCL, DMB, DCB	Solder Pure Copper	1.5, 03, 05, 08, 16, 30, 38 & 60 cu in	¼" - ⅞" ODM / ODF	46 bar (667 psig)	I <sup>A</sup> , II <sup>B</sup>	A4p3
			1⅜" ODF		II <sup>B</sup>	A4p3
		41 cu in	¾" - ⅞" ODM / ODF	35 bar (500 psig)	I <sup>A</sup> , II <sup>B</sup>	A4p3
			1⅜" ODF		II <sup>B</sup>	A4p3
	75 cu in	¾" - 1⅜" ODM / ODF	46 bar (667 psig)	II <sup>B</sup>	A4p3	
		1⅜" ODF		II <sup>B</sup>	A4p3	
	Solder Cu-Plated	1.5 to 60 cu in	¼" - ⅞" ODM / ODF	46 bar (667 psig)	I <sup>A</sup> , II <sup>B</sup>	A4p3
			1⅜" ODF		II <sup>B</sup>	A4p3
	Flare, Flare O-ring & Face Seal	1.5 to 60 cu in	⅞" - 1⅜" ODF	46 bar (667 psig)	II <sup>B</sup>	A4p3
			¼" - ¾"		I <sup>C</sup> , II <sup>B</sup>	A4p3
DMC, DCC	Solder Pure Copper	04 to 40 cu in	¼" - ½" ODM / ODF	42 bar (610 psig)	I <sup>A</sup> , II <sup>B</sup>	A4p3
	Solder Cu-Plated	04 to 40 cu in	¼" - ½" ODM / ODF	42 bar (610 psig)	I <sup>A</sup> , II <sup>B</sup>	A4p3
	Flare & Face Seal	04 to 40 cu in	¼" - ½"	42 bar (610 psig)	I <sup>C</sup> , II <sup>B</sup>	A4p3

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Date: 2022.09.27 Place of issue: 66634 NL, Mexico	Issued by  <b>Signature:</b> <b>Name: Jonathan Leal</b> <b>Title: Mechanical Engineer</b>	Date: 2022.09.27 Place of issue: 66634 NL, Mexico	Approved by  <b>Signature:</b> <b>Name: Jose Alejandro Tijerina</b> <b>Title: Senior Engineering Manager</b>
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Types	Connector type	Filter size	Connector size	Max. allowable pressure	Fluid group	PED Category
DAS	Solder Pure Copper	08 to 60 cu in	¼" - 7/8" ODM / ODF	35 bar (500 psig)	I <sup>A</sup> , II <sup>B</sup>	A4p3
			1 1/8" - 1 3/8" ODF	35 bar (500 psig)	II <sup>B</sup>	A4p3
		75 cu in	¼" - 1 3/8"	35 bar (500 psig)	II <sup>B</sup>	A4p3
	Flare	08 to 60 cu in	¼" - ¾"	35 bar (500 psig)	I <sup>C</sup> , II <sup>B</sup>	A4p3
DGP	Face Seal	79 cu in	¼" - ¾"	13.7 bar (200 psig)	II <sup>B</sup>	A4p3
DMT, DAT	Solder Cu-Plated	08 to 13 cu in	¼" - ½" ODF	140 bar (2030 psig)	II	A4p3
	NPT, Flare, Flare O-ring	08 to 13 cu in	¼" - ½"	140 bar (2030 psig)	II	A4p3
DMSC	Solder Pure Copper and Steel	03 to 08 cu in	¼" - ½" ODF	52 bar (754 psig)	II	A4p3
DMLE, DCLE, DMBE, DCBE	Solder Pure Copper	1.5, 03, 05, 08, cu in	¼" - 1 1/8" ODM / ODF	50 bar (725 psig)	I <sup>A</sup> , II <sup>B</sup>	A4p3
	Solder Cu-Plated	1.5, 03, 05, 08, cu in	¼" - 1 1/8" ODM / ODF	50 bar (725 psig)	I <sup>A</sup> , II <sup>B</sup>	A4p3
	Flare, Flare O-ring & Face Seal	1.5, 03, 05, 08, cu in	¼" - 7/8" ODM / ODF	50 bar (725 psig)	I <sup>C</sup> , II <sup>B</sup>	A4p3

<sup>A</sup> Except R717 (Ammonia)

Note: These filter driers are for refrigeration and air conditioning plants.

<sup>B</sup> Except R744 (Carbon Dioxide)

<sup>C</sup> Approved only for A2L refrigerants, Except R717

#### 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 hazardous substances.

For the above-mentioned products, the following exemption is applicable:

- Exemption 6(a)

#### ATEX Directive 2014/34/EU

For the above listed Semi Hermetic Filter Driers a hazard analysis to the directive ATEX 2014/34/EU has been carried out with the following result:

This non-electrical equipment holds no potential ignition source at normal usage.

The listed semi-hermetic Filter Driers are not covered by the scope of ATEX Directive 2014/34/EU

The semi-hermetic filters may be used in the following EX range: Category 3 (Zone 2)

Reference to standards and directives:

EN 13463-1:2009 Non-electrical equipment for use in potentially explosive atmospheres. Basic method and requirements

EN 13463-5:2011 Non-electrical equipment intended for use in potentially explosive atmospheres. Protection by constructional safety 'c'

EN 378-1: 2016 Refrigerating systems and heat pumps. Safety and environmental requirements – Part 1: Basic requirements. Definitions, classification and selection criteria.

EN 378-2: 2016 Refrigerating systems and heat pumps. Safety and environmental requirements – Part 2: Design, construction, installing, marking and documentation.

Equipment used for the above condition must be installed and maintained according to the requirements in EN 378-2:2016.