

**Danfoss A/S**DK-6430 Nordborg  
Denmark  
CVR nr.: 20 16 57 15Telephone: +45 7488 2222  
Fax: +45 7449 0949**MANUFACTURET'S DECLARATION****Danfoss A/S****Refrigeration & Air Conditioning Controls**

declares under our sole responsibility that the products covered by this declaration are in conformity with the following directive(s), standard(s) or other normative documents(s), provided that the product is used in accordance with our instructions.

Group A – Flammable & non-flammable refrigerant

Components which can be used with all refrigerants and cannot be mounted with any electrical pilot/equipment and have no ignition source

|                                |                                   |
|--------------------------------|-----------------------------------|
| Crankcase pressure regulators  | KVL10, KVL12, KVL15, KVL20, KVL22 |
| Evaporator pressure regulators | KVP12, KVP15, KVP20, KVP22        |
| Condensing pressure regulators | KVR12, KVR15, KVR20, KVR22        |
| Hot by-pass regulators         | KVC12, KVC15, KVC22               |
| Receiver pressure regulators   | KVD12, KVD15                      |
| Hot gas by-pass regulators     | CPCE12, CPCE15, CPCE22            |
| Tube-in-tube heat exchangers   | HE0.5, HE1.0, HE1.5               |
| Liquid gas mixer               | LG16, LG22                        |
| Oil separators                 | OUB1, OUB1S                       |

For the above listed products 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 condition
- The listed products are **not covered by the scope of ATEX Directive 2014/34/EU**
- The products may be used in following EX range: Category 3 (Zone 2)

**Note 1:**

Products used for above conditions have to be installed and maintained according to requirements of EN 378

**Reference to standards and directives:**EN 13463-1:2009  
EN 13463-5:2011  
EN378:2016  
ATEX 2014/34/EU

|                    |   |                    |  |
|--------------------|---|--------------------|--|
| Date<br>2018.01.16 | Issued by<br><br>Piotr Chylaszek<br>Engineering Manager | Date<br>2018.01.16 | Approved by<br><br>Lukasz Stasiowski<br>RD & E Manager |
|--------------------|---|--------------------|--|

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