

MANUFACTURER'S DECLARATION

Secop GmbH, Flensburg, Germany declares under our sole responsibility that the

Product Category: Hermetic Motor Compressors operated with R1234yf

Type designation: SC**G^, SC**MF^, SC**F^, SCE**MF^
NL**MF^, NL**F^, NLE**MF^
KLE**MFT^, KLE**CFH^, KLE**GFT^, KLE**GFM^, KLE**GFH^
FRK**G^

** Representing any numeric values from 0 to 99

^ may be followed by K, X, S or .2

Are in conformity with SECOPs internal Directive(s), Regulation(s), standard(s) or other normative document(s), provided that the product is used in accordance with our instructions and the refrigerants for which they are released.

The above listed compressors are designed, verified and approved for R134a in terms of safety, reliability and functionality.

The above listed compressors can be used with R1234yf without functional risk for the compressor. This statement is based on results of practical tests (cooling performance, reliability) with reference compressors which represented the "worst" case in respect of sensitivity and load.

Comparison of thermodynamic properties of R134a and R1234yf as well as comparing measurements of compressors showed that the compressors behave practically equal with both refrigerants.


Operation limits (pressures, temperatures, power supply...)

The above listed compressors may be used with R1234yf by respecting the defined operation limits for R134a which are published in the respective datasheets.

Very important! // Must have!

When operated with R1234yf, only spark proof starting equipment is allowed to be used with the compressor. Contact SECOP to order the right (= spark proof) starting equipment for the compressor because it might differ to the standard starting equipment for R134a.

To indicate that a flammable refrigerant is used (safety demand for servicing) an appropriate sticker/label must be applied to the compressor.

Issued by Name: Thomas Krogh Nielsen Title: Director Global Approbation Place and Date: Flensburg, Germany, 21.01.2026	Approved by Signature:  Name: Norbert Brath Title: Chief Technology Officer Place and Date: Slovakia, Jan 21 st 2026
---	---