

GEA Bock Tool VAP

New in this version **VAP 11.5.7**



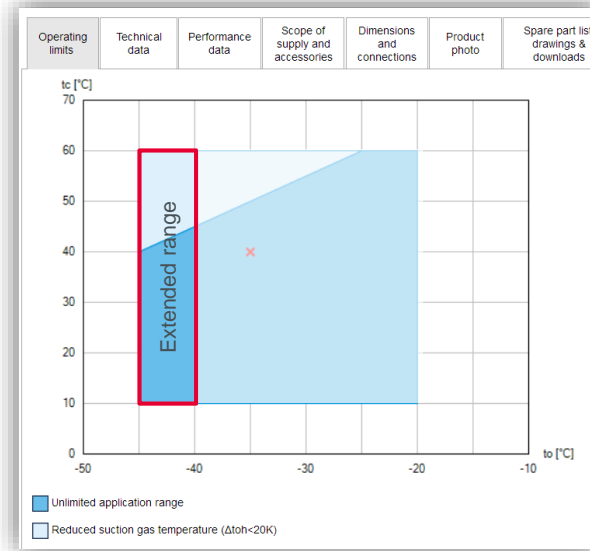
- For the following GEA Bock compressors **performance data for R450A** are now available for calculation in the software:
 - Semi-hermetic compressors: » HG compressors (*HG12P-88e*)
 - » HG ATEX compressors (*EX-HG12P-66 + EX-HG88e*)
- Recommended **oil type**:
 - *FUCHS Reniso Triton SE55* - (POE)

- For the following GEA Bock compressors **performance data for R452A** are now available for calculation in the software:
 - Semi-hermetic compressors: » HG compressors (*HG12P-88e*)
 - » HG ATEX compressors (*EX-HG12P-66 + EX-HG88e*)
 - Vehicle compressors: » FK Transport refrigeration (*FK30 + FK40 TK*)
- Recommended **oil type**:
 - *FUCHS Reniso Triton SE55* - (POE)

HA-compressors | Extended application limits

R448A/R449A/R407A/R407F

- For the current HA compressor models (HA22e-44e), the application limits regarding the minimum permissible evaporation temperature have been extended.
- For the refrigerants R448A, R449A, R407A, R407F, operation is now possible down to an evaporation temperature of $-45\text{ }^{\circ}\text{C}$ as with R404A.
- Example new application limit diagram for R449A:





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