GEA Bock Software VAP 11.1 (online)
New in this version

September 2014

GEA Refrigeration Technologies

Overview – New in this version VAP 11.1 (online)

- **New products/product features:**
  - **New type size** in **ATEX-Compressors** (for zone 2): **EX-HG7+8 3G** (+HC)

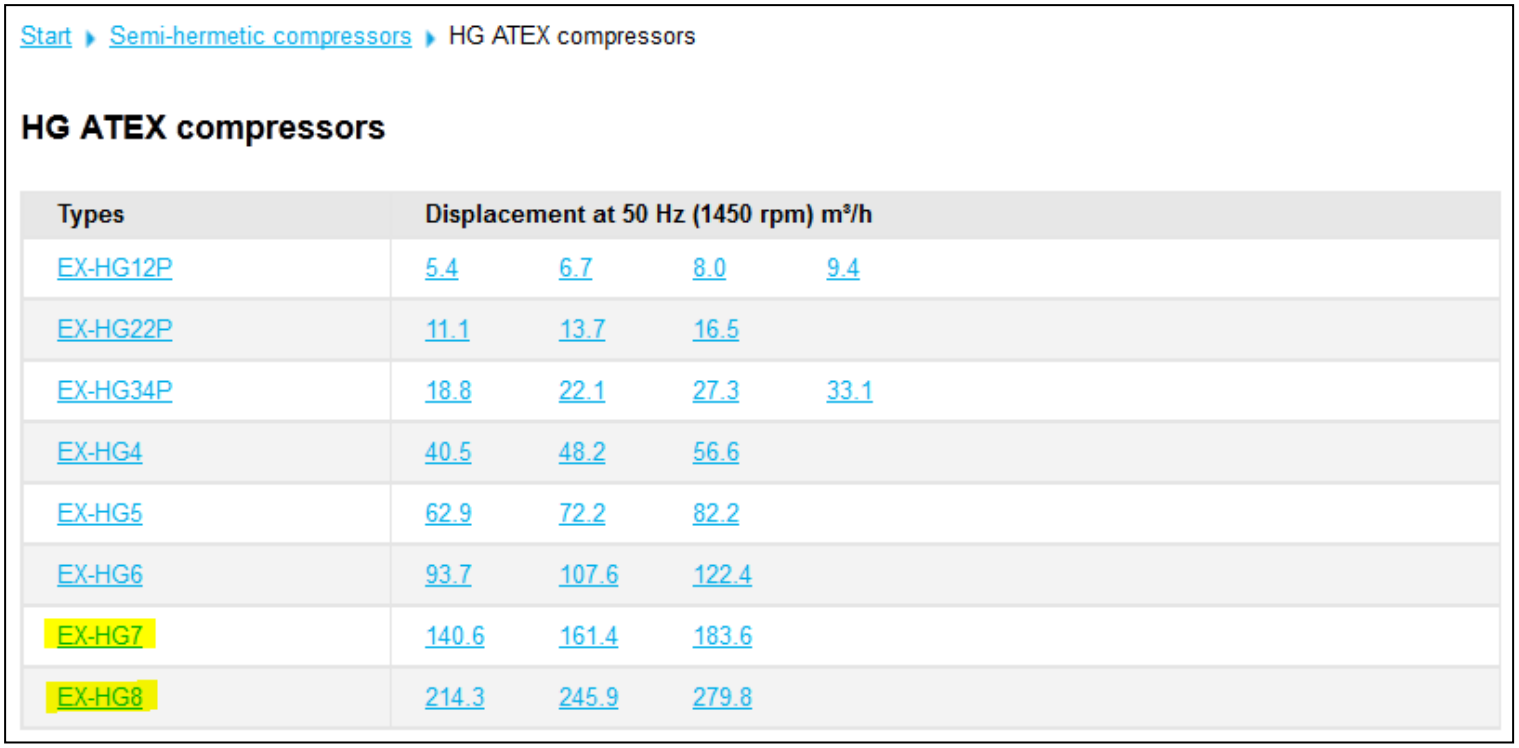
- **New Software-Features:**
  - Compressor selection for **heat pump** application
  - Possibility to download **explosion drawing & spare parts lists, drawings** and **documentations** as pdf-file

New ATEX-Compressors: EX-HG7+8 3G (+HC)

Beside to the well-known zone 1 compressors, GEA Bock now also offers compressors which are compliant with the ATEX category 3 (zone 2). These compressors are available on request with an offshore coating,e.g. for use on oil rigs.

Start-up for the new zone 2 compressors are the 6- and 8-cylinder compressors (EX-HG7+8 3G).

The compressors are listed under Semi-hermetic compressors>**HG ATEX compressors**:

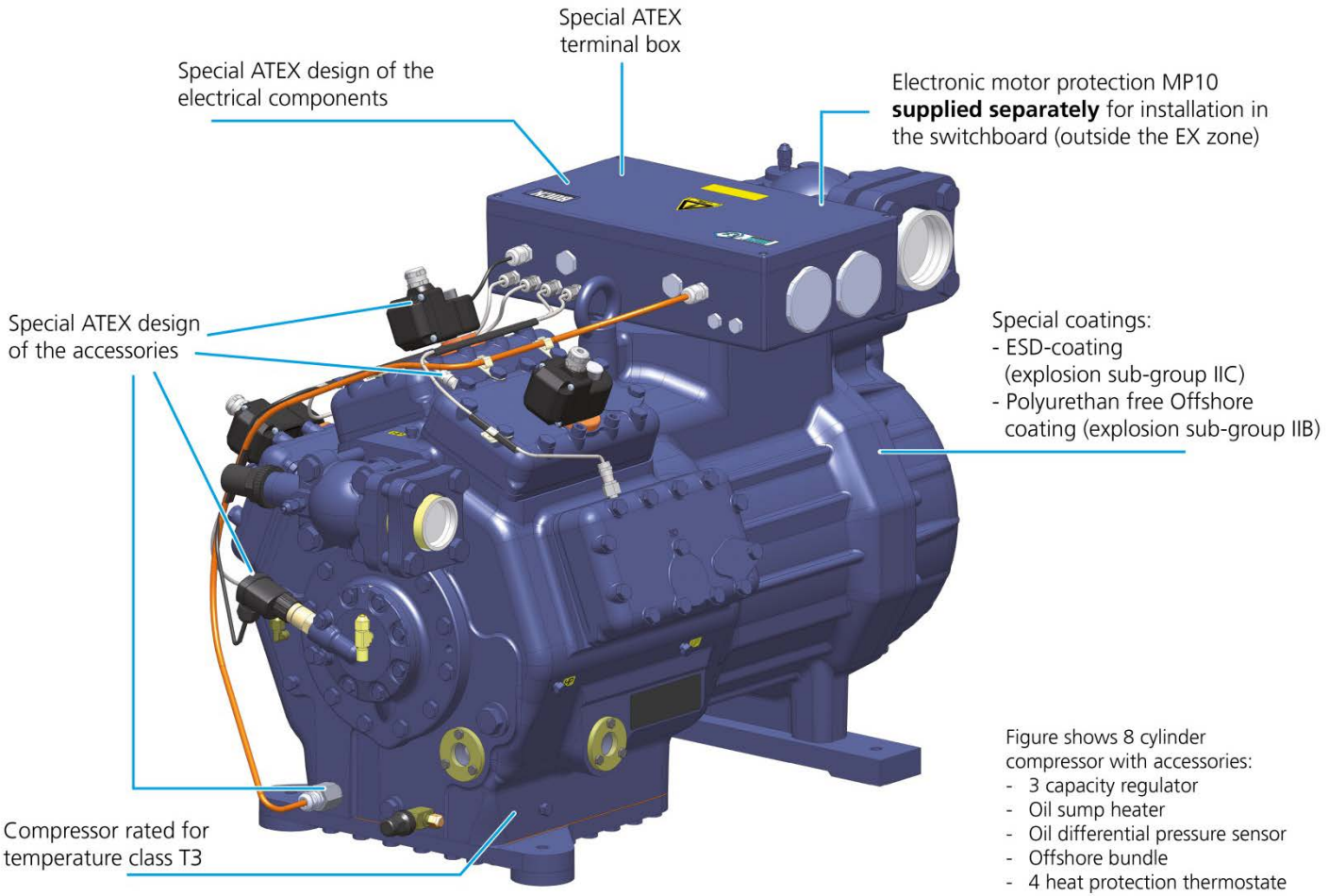


Start ▸ Semi-hermetic compressors ▸ HG ATEX compressors

HG ATEX compressors

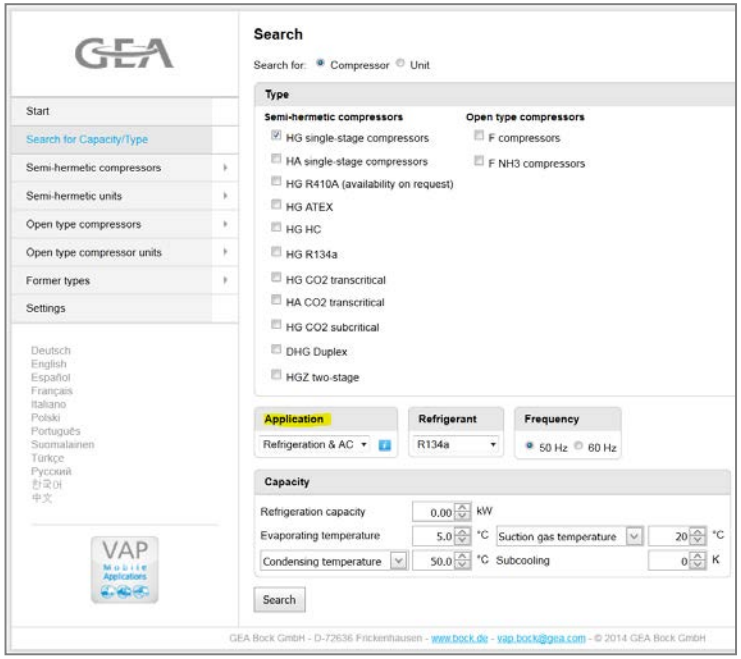
Types	Displacement at 50 Hz (1450 rpm) m³/h			
EX-HG12P	5.4	6.7	8.0	9.4
EX-HG22P	11.1	13.7	16.5	
EX-HG34P	18.8	22.1	27.3	33.1
EX-HG4	40.5	48.2	56.6	
EX-HG5	62.9	72.2	82.2	
EX-HG6	93.7	107.6	122.4	
EX-HG7	140.6	161.4	183.6	
EX-HG8	214.3	245.9	279.8	

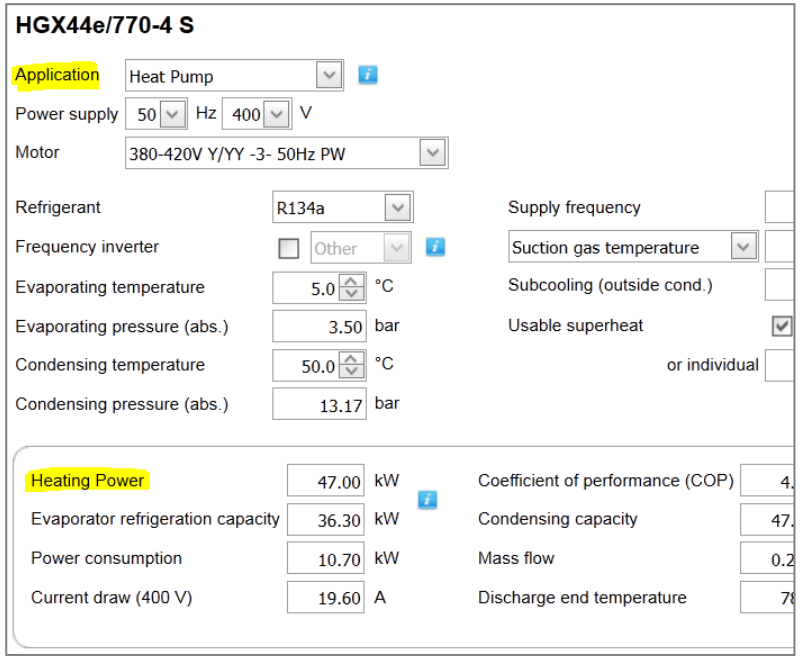
Features EX-HG7+8 3G (+HC)



Heat pump application

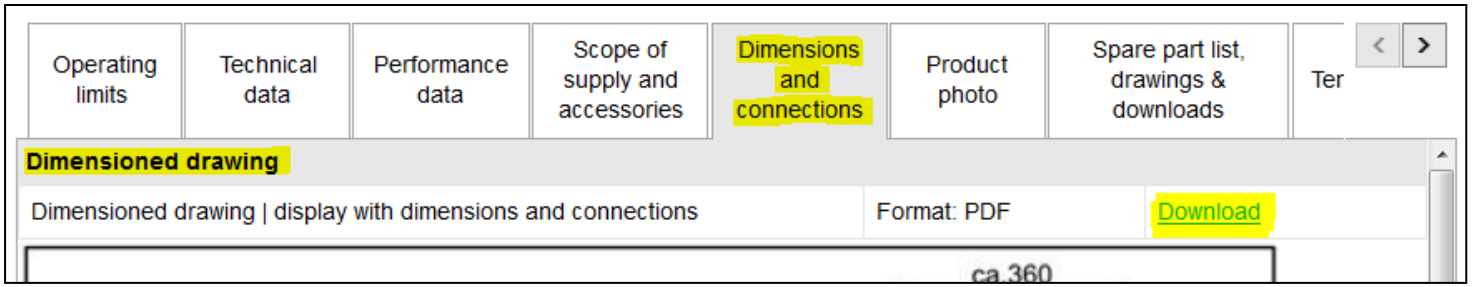
- To select a compressor for a **heat pump application** the ***heat capacity*** is a relevant selection parameter (as the *refrigeration capacity* when the application is *refrigeration and air conditioning*).
- Via the new field ***Application*** you can select whether the compressor capacity data is calculated according to its *refrigeration capacity* (default setting) or *heat capacity*.
- The field ***Application*** can be found in *Search for Capacity/Type* and directly with the compressor, respectively :



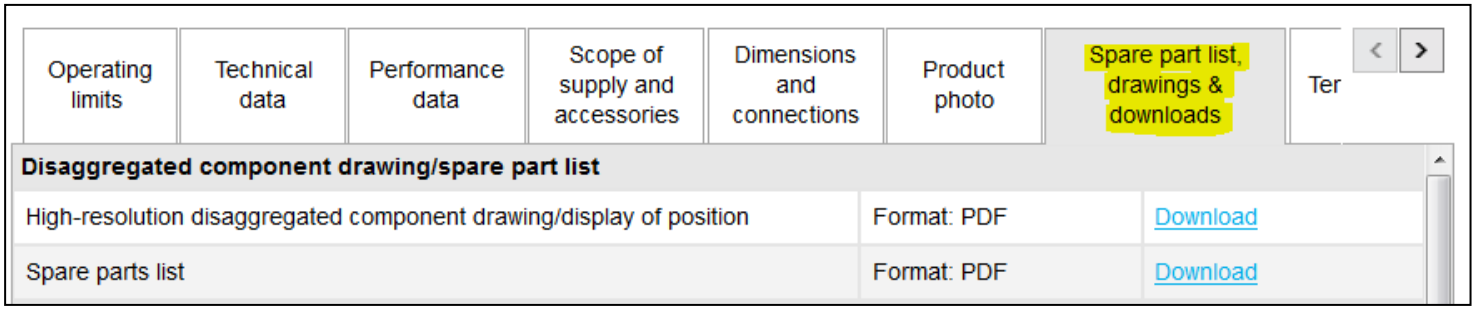


Downloads

- Familiar from our homepage…
  - … **Dimensioned drawings**,



  - … **Explosion drawing & Spare parts list**,
  - … **CAD-drawings (2D-** and *partly* **3D-STEP)** and
  - … various **documentations**



  … are no available to download for the selected compressor/unit.

Recent updates - VAP 11.0.0 (online)

- New in formerly released version VAP 11.0 (details see ***Version 11.0.0***):

  - **New type size in FDK-series** (open type compressor units): **FDK18**
  - **New model range SFD** (open type compressor units **with clutch bell**): **SFD18**
  - **Update of capacity data** and application limits of **HC refrigerants** (R290, R1270)
  - Implementation of **special motors** for semi-hermetic compressors
  - Modification **operation with frequency inverter**
  - Extension with **"Former models"** with hyperlink to succeeding model

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