

## Optimized search function for compressors and units

To access the search function you have two possibilities (s. Figure 1):

1. As in the past via the menu entry **Search for Capacity/Type**.
2. By selecting a compressor or unit type via the corresponding **buttons**.

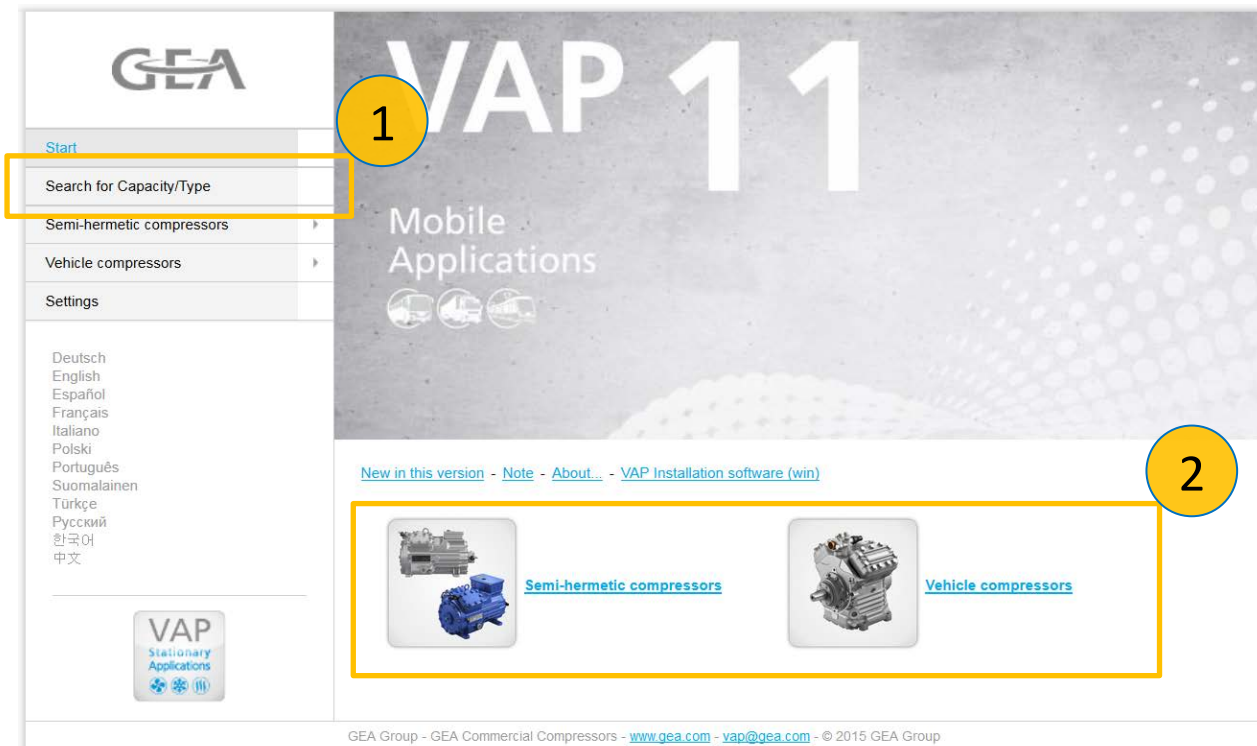


Figure 1: Options for accessing the search function.

In the subsequent search page (s. Figure 2) you can select the compressor or unit **Type** (which is already selected, if you have accessed the search page via the buttons).

Following you can select the type of the **Refrigerant**.


In field **Application** you can specify whether you want to use the compressor for a *refrigeration* or *air conditioning* system or for a *heat pump* application. This will specify whether it will be search for a required *cooling capacity* or *heating capacity*.

In field **Model types** possible compressor or unit models are displayed depending on the criteria chosen before. Please choose the model types you want to search for accordingly, whereas a standard model type is already pre-selected.


In the area **Operating condition** the required *cooling* or *heating power* and the operating parameters such as *evaporation* and *condensing temperature* can be adjusted as the last searching step before clicking the buttons Search to view the search result.

### Search

**Type**



[Semi-hermetic compressors](#)



[Vehicle compressors](#)

**Refrigerant**

R134a ▼




**Model series**

HG single-stage compressors

HG Aluminium compressors

HG 2-pole

**Operating condition**

EN12900 
 ANSI 540 


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Refrigeration capacity  -  kW     
 Frequency  50  Hz

Evaporating temperature  5.0  °C     
 Suction gas temperature  20  °C




Condensing temperature  50.0  °C     
 Subcooling  0  K

Figure 2: Search page of the optimized search function

## Buttons to choose nominal operation conditions

On the search page within the area of the operation condition you find three buttons (see Figure 3). Via these buttons nominal operation conditions for low and medium temperature application and for air conditioning can be adjusted.

**Operating condition**

EN12900 
 ANSI 540 


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Refrigeration capacity  -  kW     
 Frequency  50  Hz

Evaporating temperature  5.0  °C     
 Suction gas temperature  20  °C

Condensing temperature  50.0  °C     
 Subcooling  0  K

Figure 3: Buttons for setting standard operating conditions.