

## SOKRATHERM reference examples

The following examples represent just a fraction of the roughly 2500 compact CHP units we have built and delivered. These units have consistently demonstrated their reliability, often already for many years or in combination with heat pumps, in a diverse array of locations and settings.

Our clientele is rich in variety, comprising local utilities, power companies, BOO (Build-Own-Operate) entities, hotels, industries, municipalities, and equipment manufacturers.

Typical application cases are:

- Hospitals and nursing homes
- Office and administration buildings
- Residential buildings
- Hotels and swimming pools
- Industrial sites
- Water purification plants, biogas plants and landfills
- Breweries and food industry

In Germany and many other European countries such as England, Ireland, Sweden, Italy, France, Spain, the Netherlands, Belgium, Switzerland, Austria, Latvia, Estonia, Ukraine, Poland, Slovenia, Romania and Bulgaria as well as Chile and Argentina, SOKRATHERM compact CHP units provide for a reliable, eco-friendly and economically sound heat and power supply.

In the CHP unit type name, the first letter stands for the fuel type (G = natural gas, F = Sewage gas/biogas) and the second one for Generator. The number indicates the nominal power in kW. At special configurations, an additional letter after the number indicates the configuration: D = Steam generation, T = Thermal oil heating, H = Hot cooling (95/80 °C instead of 90/70 °C flow/return temperature). In the GK series of CHP units to generate compressed air and heat the letters stand for “Gasmotor-Kompressormodul” (gas engine compressor unit).



**Compact CHP unit GG 70**  
Budersand Hotel Golf & Spa, Hörum (Sylt)



**Compact CHP unit GG 202 with  
brine/water and air/water heat pump**  
Alanbrooke Quartier Paderborn



**3 Compact CHP units GG 50 6VRSB**  
Alpenhotel Zechmeisterlehen, Schoenau



**Compact CHP unit GG 50 6VRSB  
with air/water heat pump**  
Housing on former NAAFI site Herford



**Compact CHP unit FG 123**  
Biogas plant in Glumslöv, Sweden



**Compact CHP unit GG 260**  
St. Josef-Hospital Bochum



**Compact CHP unit GG 50 6VRSB P  
Air-water heat pump 75 kWth**  
District heating and head office Hiddenhausen



**3 Compact CHP units GG 100**  
Housing district 52<sup>n</sup> Nord, Berlin-Gruenau



**2 Compact CHP units GG 530 H**  
with SCR catalyst, APL Landau



**Compact CHP unit FG 95**  
Landfill Reesberg, Kirchlegern



**Compact CHP unit GG 140**  
Arts collection NRW (K20), Duesseldorf



**Gas engine compressor unit GK 140  
for heat and compressed air generation**  
Heckler & Koch factory, Oberndorf



**Compact CHP unit GG 50**  
Children's hospital, RA-Buenos Aires



**Compact CHP unit GG 100**  
in Container with emergency power and cooling  
Company HQ building 'The SUMMIT', Siegen



**Compact CHP unit GG 330 + GG 260**  
EnBW combined energy center Waldbronn  
Contracting Award 2018





**CHP unit GG 1000**  
District heating in Kitzscher (Saxony)



**Compact CHP unit GG 50**  
School village Bergstrasse, Seeheim-Jugenheim



**2 Compact CHP units FG 50**  
with emergency power function  
Water purification plant, Oberkirch



**Compact CHP unit GG 260**  
Albgaubad Ettlingen



**Compact CHP unit GG 530**  
Flexible cogeneration with electric boiler  
District heating Oberhausen-Barmingholten



**Compact CHP unit GG 140**  
Organic food production, RAPUNZEL, Legau



**Compact CHP unit GG 198 D**  
Brewery Cölner Hofbräu Früh KG, Cologne



**Compact CHP unit GG 530**  
**Compact CHP unit GG 237**  
Energiebunker Hamburg-Wilhelmsburg



**Compact CHP unit GG 50**  
Durrant House Hotel, UK-Northam



**Compact CHP unit GG 402 H**  
with hot cooling for trigeneration, container  
J.G. NIEDEREGGER GmbH & Co. KG, Lübeck



**3 Compact CHP units GG 50**  
Furniture parts production, Hettich, Kirchlegern



**Compact CHP unit GG 70**  
Hotel Bretterbude ("plank shack"), Heiligenhafen  
Hotel building of the year 2017





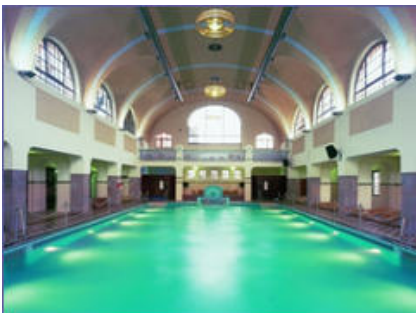
**Compact CHP unit GG 330**  
City theatre Freiburg



**Compact CHP unit GG 140**  
Retirement home  
Istituti Riuniti Airoldi e Muzzi, I-Lecco



**Compact CHP unit GG 260 H**  
**Compact CHP unit GG 100 H**  
School and administration center Ravensburg



**Compact CHP unit GG 140**  
Badehaus Nordhausen



**Compact CHP unit GG 402**  
Elisabeth hospital Essen



**3 Compact CHP units GG 140**  
Rohde AG industrial handles, Noerten-Hardenberg  
CHP scheme of the year 2014



**Compact CHP unit GG 50**  
MESSE BREMEN fairground



**Compact CHP unit GG 50**  
monte mare lake sauna, Tegernsee



**Compact CHP unit GG 113**  
Munster Technological University, IRL-Cork



**Compact CHP unit GG 402 T**  
Gravure printing plant, Rahning, Bünde



**2 Compact CHP units GG 140**  
LWL-Klinik Lippstadt



**Compact CHP unit GG 260**  
Residential area Poppenbuetteler Berg, Hamburg





**1 Compact CHP unit GG 237,  
2 x GG 140, 1 x GG 50**  
Institute FU Berlin: Lankwitz, Düppel, Kelchstraße



**Compact CHP unit GG 402**  
Hospital Clinico de Magallanes  
Punta Arenas, Chile



**Compact CHP unit GG 237**  
Spa hotel, clinic and congress center Bad Boll



**Compact CHP unit FG 250**  
Container installation  
Water purification plant Herford



**2 Compact CHP units GG 50 mobile**  
Outdoors pool in summer and school in Winter,  
Enkenbach-Alsenborn



**Compact CHP unit GG 237**  
with emergency power function  
VEM Motors GmbH, Wernigerode



**Compact CHP unit GG 260**  
Heat and power plant Seidenfaeden, Denzlingen



**Compact CHP unit GG 50**  
Swimming pool & Spa SaWanne, Sangerhausen



**Compact CHP unit GG 530**  
District heating, I-San Felice sul Panaro



**Compact CHP unit GG 50**  
Shopping center BTC City, SLO-Murska Sobota



**Compact CHP unit GG 530**  
with additional enclosure  
Thiebauth school Ettlingen



**BHKW-Kompaktmodul GG 70 H**  
with absorption chiller for climatization  
Multimar Wattforum, Tönning





**2 Compact CHP units GG 237**  
**1 Compact CHP unit GG 140**  
 Gräflicher Park Hotel & Spa, Bad Driburg



**Compact CHP unit GG 50**  
 Pakresidenz Rahlstedt, Hamburg  
 Residence for senior citizens



**1 Compact CHP unit GG 402**  
**1 Compact CHP unit GG 402 H**  
 GRUNDFOS Pumpenfabrik GmbH, Wahlstedt



**3 Compact CHP units FG 250**  
 Water purification plant Kielseng, Flensburg



**Compact CHP unit GG 113**  
**Compact CHP unit GG 140**  
 Mineraltherme Böblingen



**Compact CHP unit GG 50**  
 with emergency power function  
 Castle Biebrich, Wiesbaden



**4 Compact CHP units GG 402,**  
**1 x GG 206, 1 x GG 395**  
 Sartorius Campus Göttingen



**Compact CHP unit GG 140**  
 Residential complex, Hannover-Laatzten



**Compact CHP unit GG 402 H**  
**Compact CHP unit GG 530**  
 Max-Planck inst. f. biophys. chemistry, Göttingen



**Compact CHP unit GG 237 H**  
 Berliner Stadtreinigung BSR



**2 Compact CHP units GG 237**  
 with emergency power function  
 Röhm GmbH, Sontheim



**2 Compact CHP units GG 237**  
**1 Compact CHP unit GG 140**  
 Beiersdorf AG factories, Hamburg