

SOKRATHERM reference examples

The following examples are a small extract of the over 2000 compact CHP units we have built and delivered, which have -in most cases for many years- proven in most various objects at most different places.

Accordingly various are also the customers which have trusted in us: Local utilities and power companies, BOO (Build-Own-Operate) companies, hotels, industry, municipalities and equipment manufacturers.

Typical application cases are:

- Hospitals and nursing homes
- Office and administration buildings
- Residential buildings
- Hotels
- 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, Ireland, 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 (natural gas G, sewage gas / biogas: F) and the second one for Generator. The number indicates the electric 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, Hömum (Syft)



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



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 development "52° Nord", Berlin-Grünau



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



Compact CHP unit FG 95
Landfill Reesberg, Kirchlegem



**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



Compact CHP unit GG 70
badenova headquarters Freiburg
Platin awarded by DGNB sustainable building



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 260

CHP demonstration plant with field test engine
MAN Bus & Truck AG, engine plant Nuernberg



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 Cölnner Hofbräu Früh KG, Cologne



**2 Compact CHP units GG 402 H
with absorption chiller**

Injection production, ALMO, Bad Arolsen



**Compact CHP unit GG 70
Compact CHP unit GG 50**

Alpenhotel Zechmeisterlehen, Schönau



**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, Kirchlingern



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 Airolti 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, Noerren-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 50
Compact CHP unit GG 113
Cok Institute of Technology CIT, Cok (Ireland)



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



2 Compact CHP units FG 250
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