

WENDE

K Ä L T E • K L I M A • M S R

...für ein gutes Klima...



WENDE

K Ä L T E • K L I M A • M S R

- Experienced Concept Consulting
- Optimal solutions / Energy Recovery
- Advanced 3D CAD Technology
- The complete plant engineering
- Maintenance, 24 h
- Certified Service
- Parts Quick Service



Company - Design

Management:

Dipl.-Ing. Tillmann Wende

Dipl.-Ing. Stefan Wende

45 employees

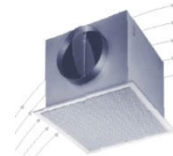
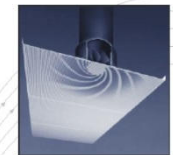
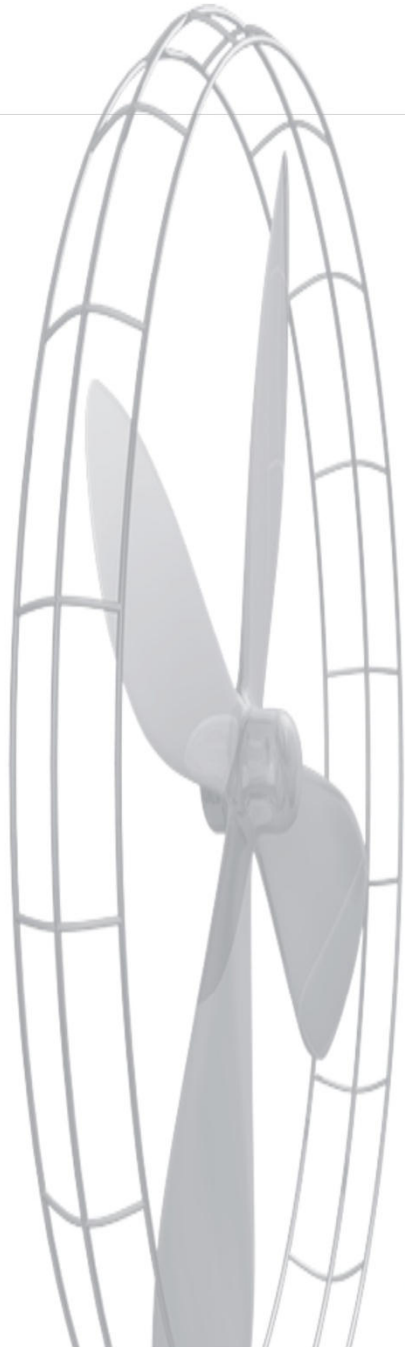
Project department with 7 experienced engineers for construction, Control Technology, Control Cabinet design, DDC programming, Construction site monitoring

Service with 23 service technicians

**In-plant cabinet manufacturing
Manufacturing of ducts, steelwork**



The Reference



The Reference

Customers

Ardex Anlagen GmbH, Witten
BFD, Iserlohn
Bosch Sicherheitssysteme GmbH, Bochum
Bogestra, Gelsenkirchen
Chemische Fabrik Stockhausen GmbH, Krefeld
Condea Chemie GmbH, Moers
Courtyard by Marriot, Bochum
DEVK Rechenzentren
Diehl, Remscheid
Dresdner Bank, Bünde, Dortmund, Wiesbaden, Düsseldorf
EDE GmbH, Wuppertal
Elmos Semiconductors AG, Dortmund
Flughafen Dortmund
Fraunhofer Institut Dortmund
Fraunhofer Institut Gelsenkirchen
FHTW Berlin
Flachglas Pilkington, Gelsenkirchen
Flughafen Dortmund
Fraunhofer Institut, Gelsenkirchen
Gebr. Lensing Verlagsanstalt GmbH & Co, Dortmund
Gerling Konzern AG, Köln
HOCHTIEF Facility Management GmbH

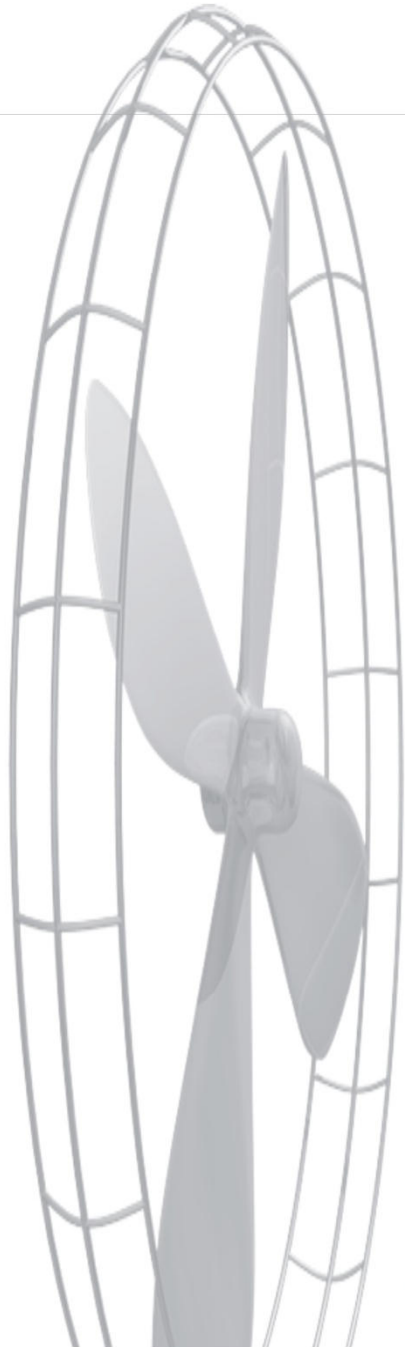


The Reference

Customers

Inkubator-Zentrum Emscher Lippe GmbH
Institut Fresenius, Herten
IVG Management GmbH
Krankenhäuser Witten, Sangerhausen, Lippstadt
Medical Park, Dortmund
Nokia, Düsseldorf
Pilkington Flachglas und Automotive AG Werke
SMS Eumuco, Witten
Sparkasse Bochum, Sparkasse Gelsenkirchen
Sundwiger Messingwerke, Hemer
Technische Universität Darmstadt
Thyssen Krupp Stahl AG
Toshiba GmbH, Neuss
Universität Dortmund, Rechenzentrum
Universität Duisburg
Verlag Belecke, Essen
Verlagsgruppe Lübbe GmbH & Co KG
Wasag Chemie Sythen GmbH, Haltern
VAG Dortmund, Unna, Wegemark
Widia, Essen
Zwieback Brandt, Hagen, Ohrdruf





The Competence

Invertertechnik
Multi-Splitsystems
Heatpumps

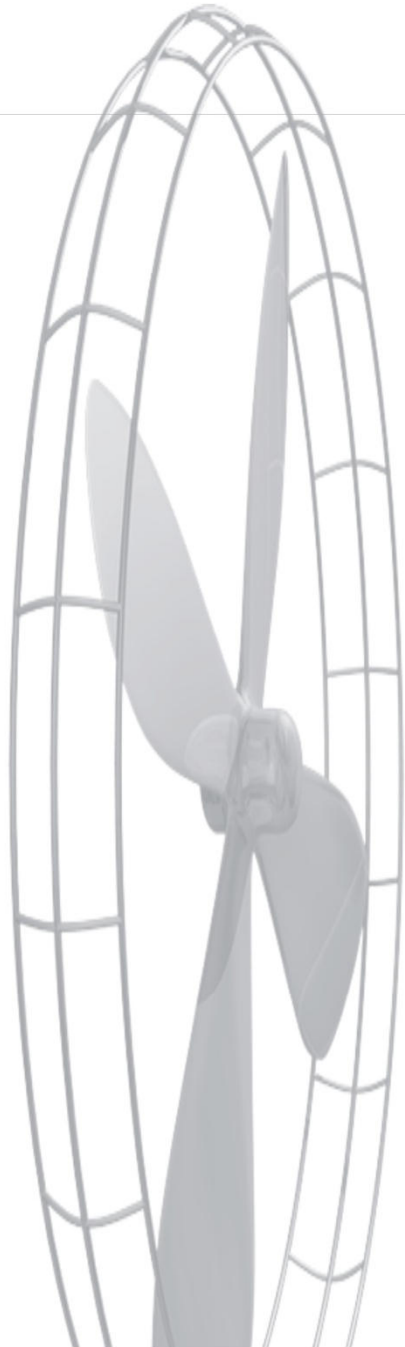
IT-Units
Precision Air Conditioning

Laboratory
Industry
Processcooling
Hygiene-Units

Refrigeration

Climatechambers
Cranecooling





Technics

- Cold Water / Chiller
- VRF
- Direct-Injection
- Central Units
- Decentralized Solutions
- Absorbtion
- Adiabatic Cooling
- Refrigerant heat power coupling

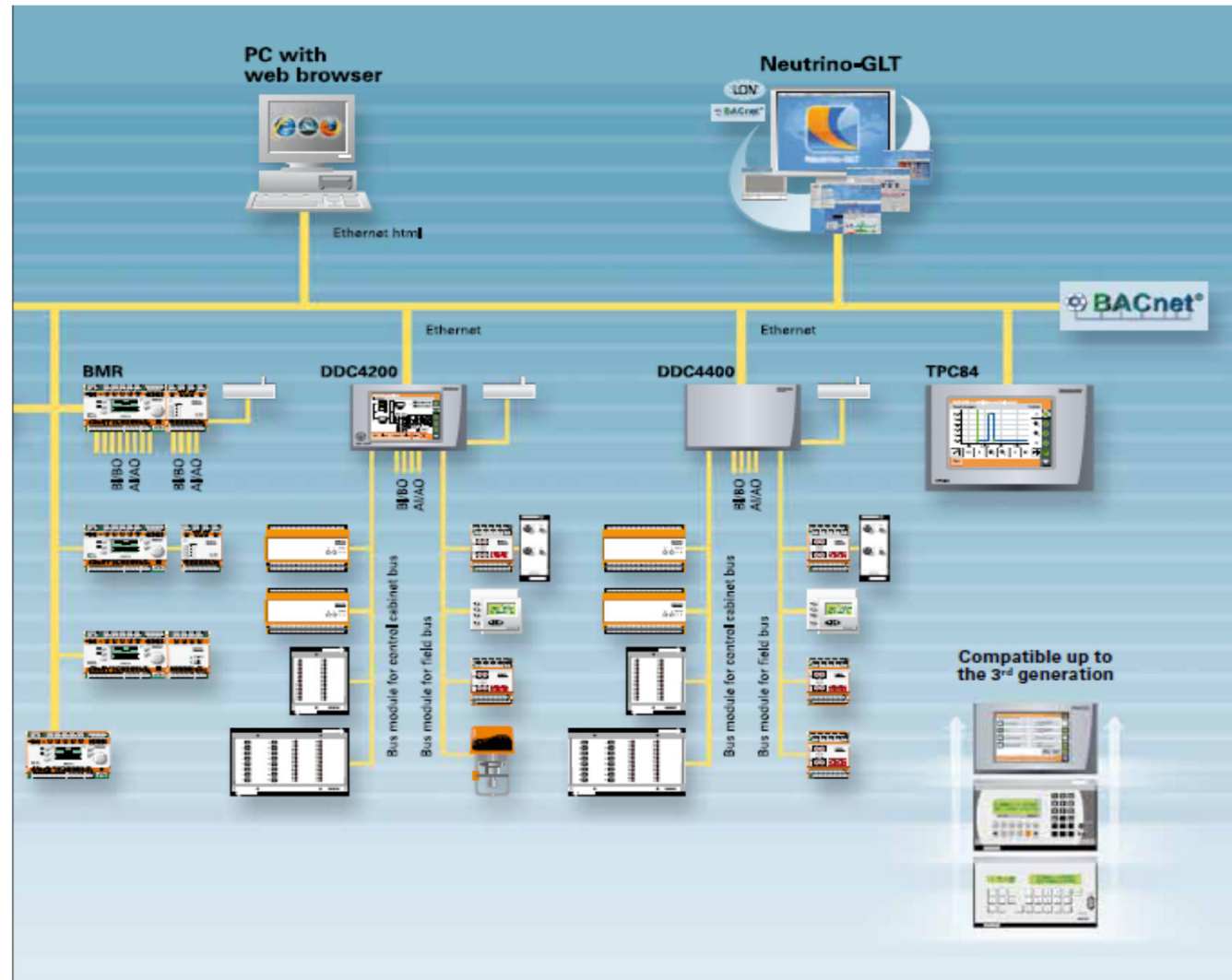


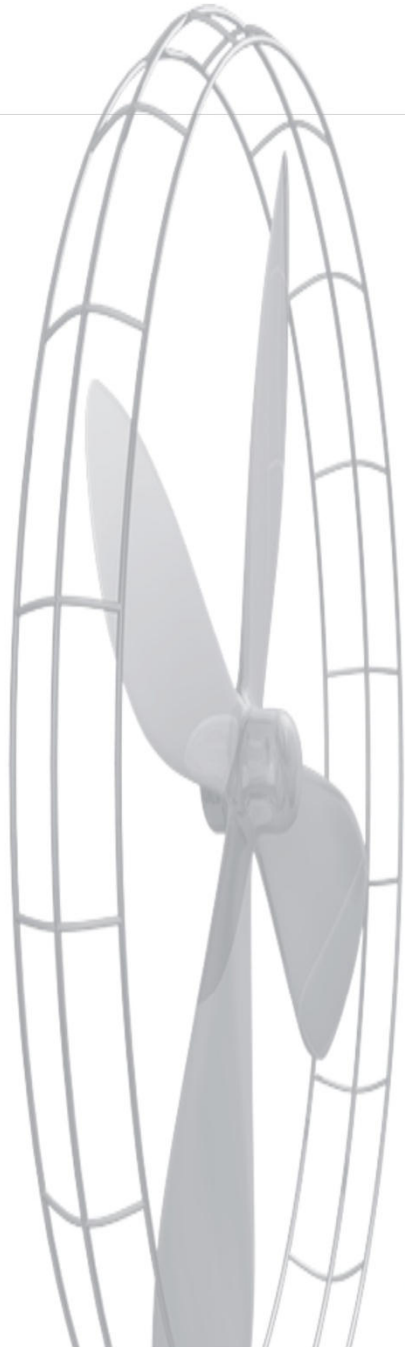
Saving energy by VRV
and recovery-systems

DDC – Central Control Station

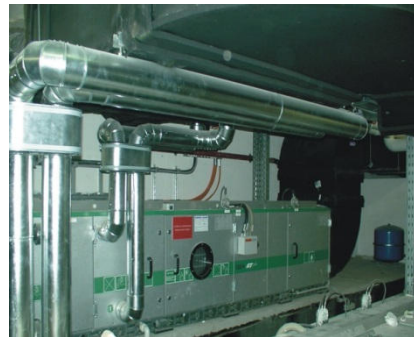
kieback&peter
Technologie für Gebäude-Automatation

Certified
System
Partner

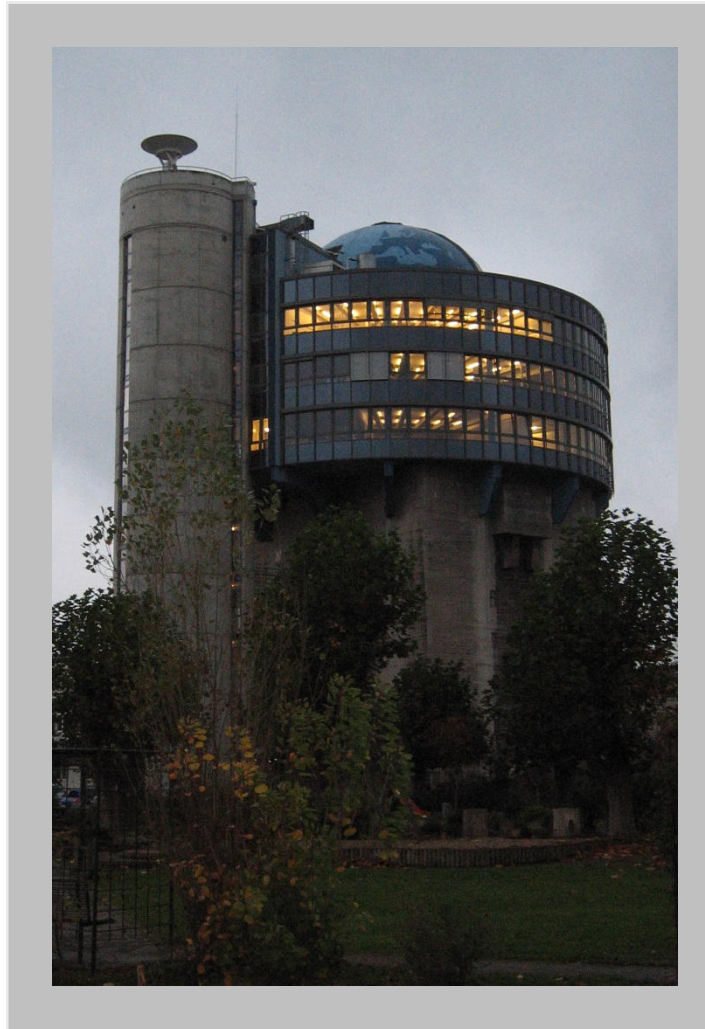
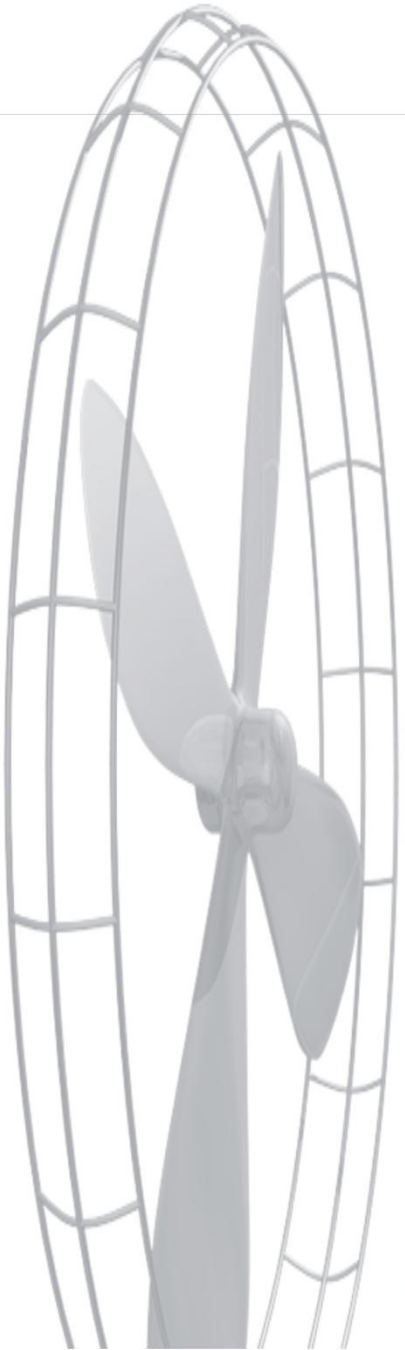




The Variety



The Objects



GOTIC HAUS

Westfalendamm 96 - 100 • Voßkuhle 37c • 44141 Dortmund

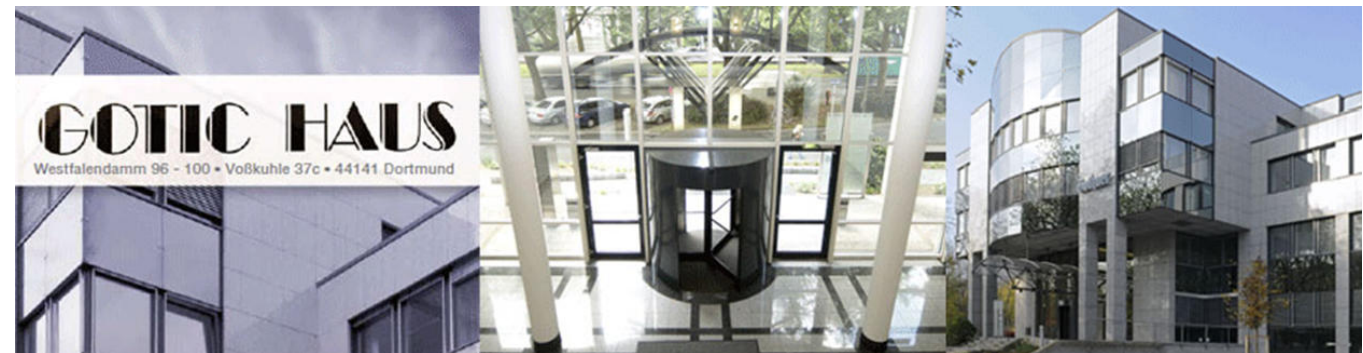
Chillers 550 KW
Freecooling

800 m Piping

80 Fancoil-Units

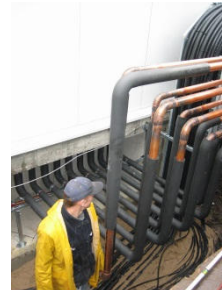
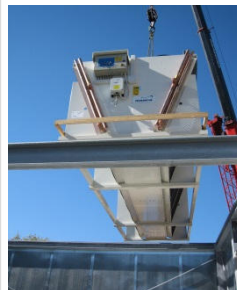
IT Cooling

Kieback & Peter
Direct Digital Control System

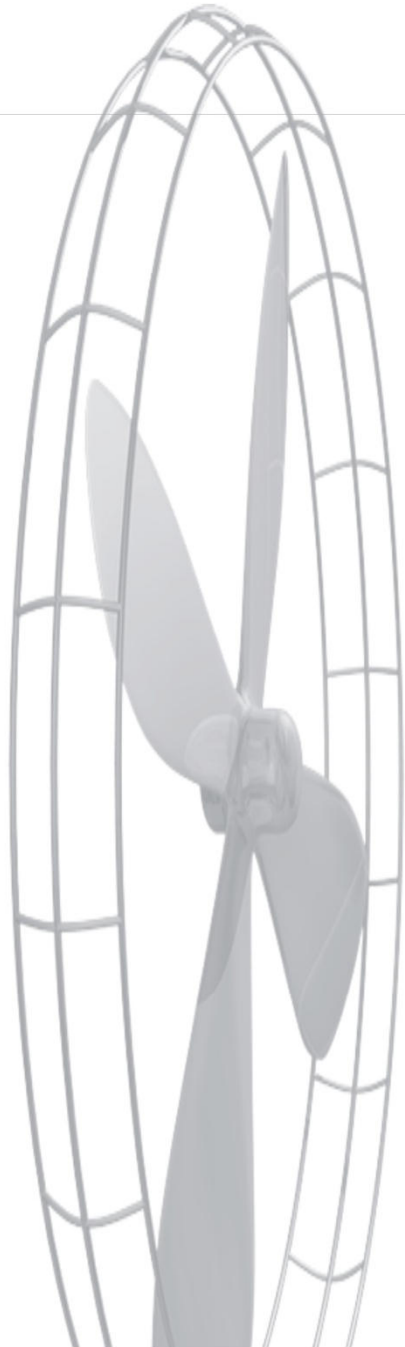
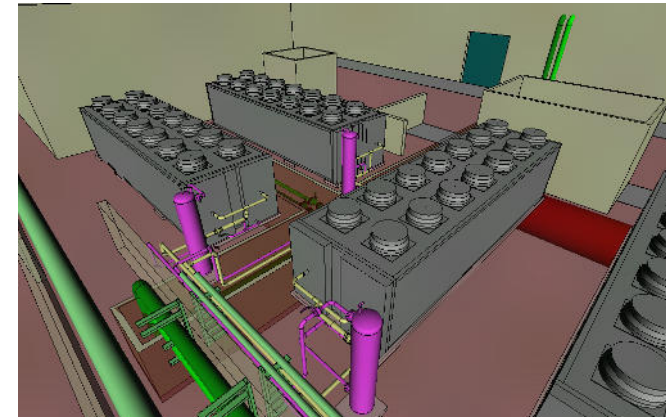
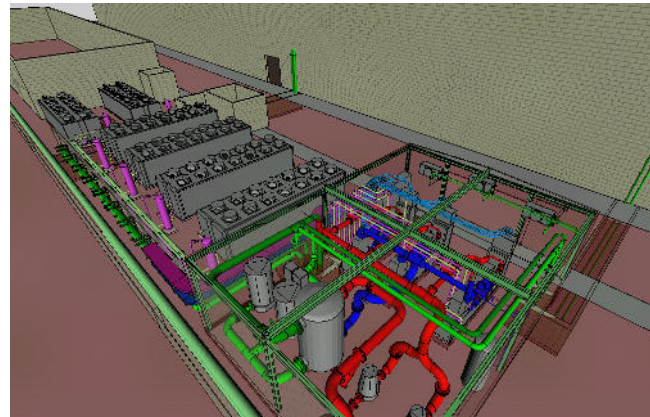
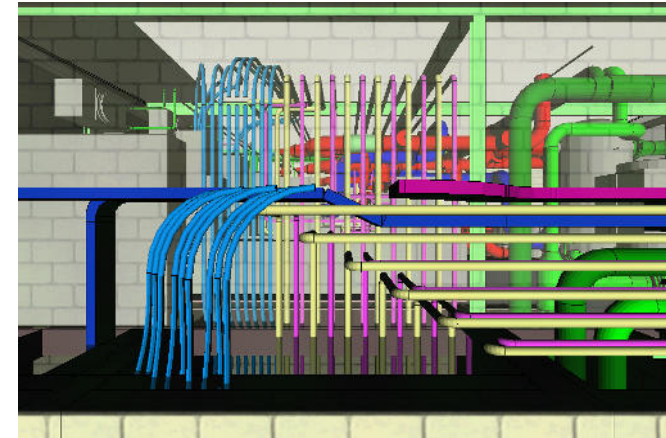
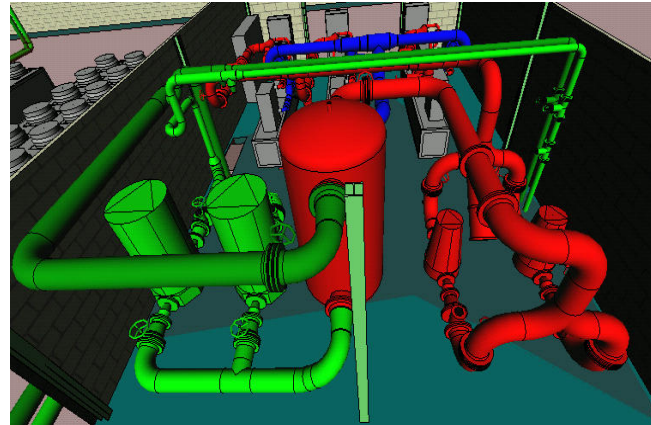




Large refrigeration system to supply
the entire plant
3 chillers ~ 750 KW
Total capacity 2.3 MW
6 condensing units with 16 fans
4 power pumps
Kieback & Peter
Direct Digital Control System



WIDIA  **KENNAMETAL**



Was liegt näher...

DOKOM21

DataCenter

27 IT - AHU

5 dry cooler (400 KW)

Piping DN 80 – DN 250

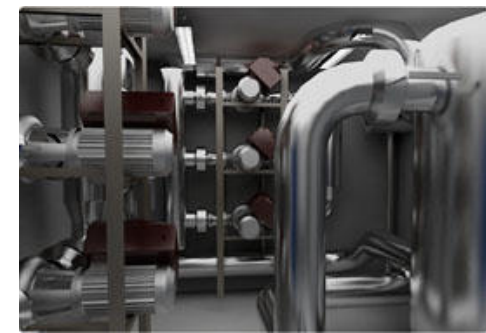
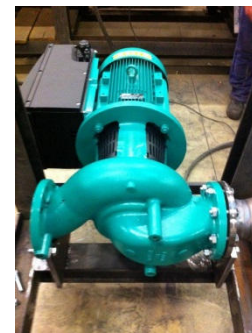
Total capacity 1200 kW

Freecooling

Cold Aisle / Warm Aisle

Visualization with Kieback & Peter

Direct Digital Control System



e-on | Fernwärme

Rathaus Castrop Rauxel

Council Hall / Foyer

6 conference rooms

Ventilation 30,000 m³ / h

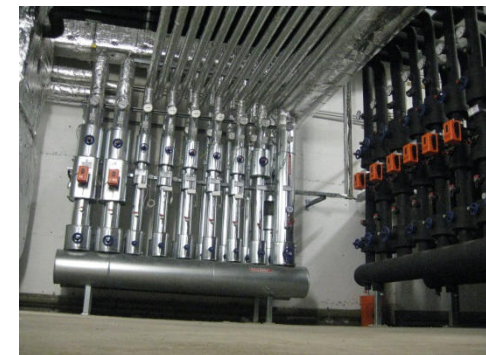
Heat recovery Rotary

District Heat 500 KW

Absorbtion-Cooling-Unit 290 KW

Hybrid Condensor 450 KW

Freecooling

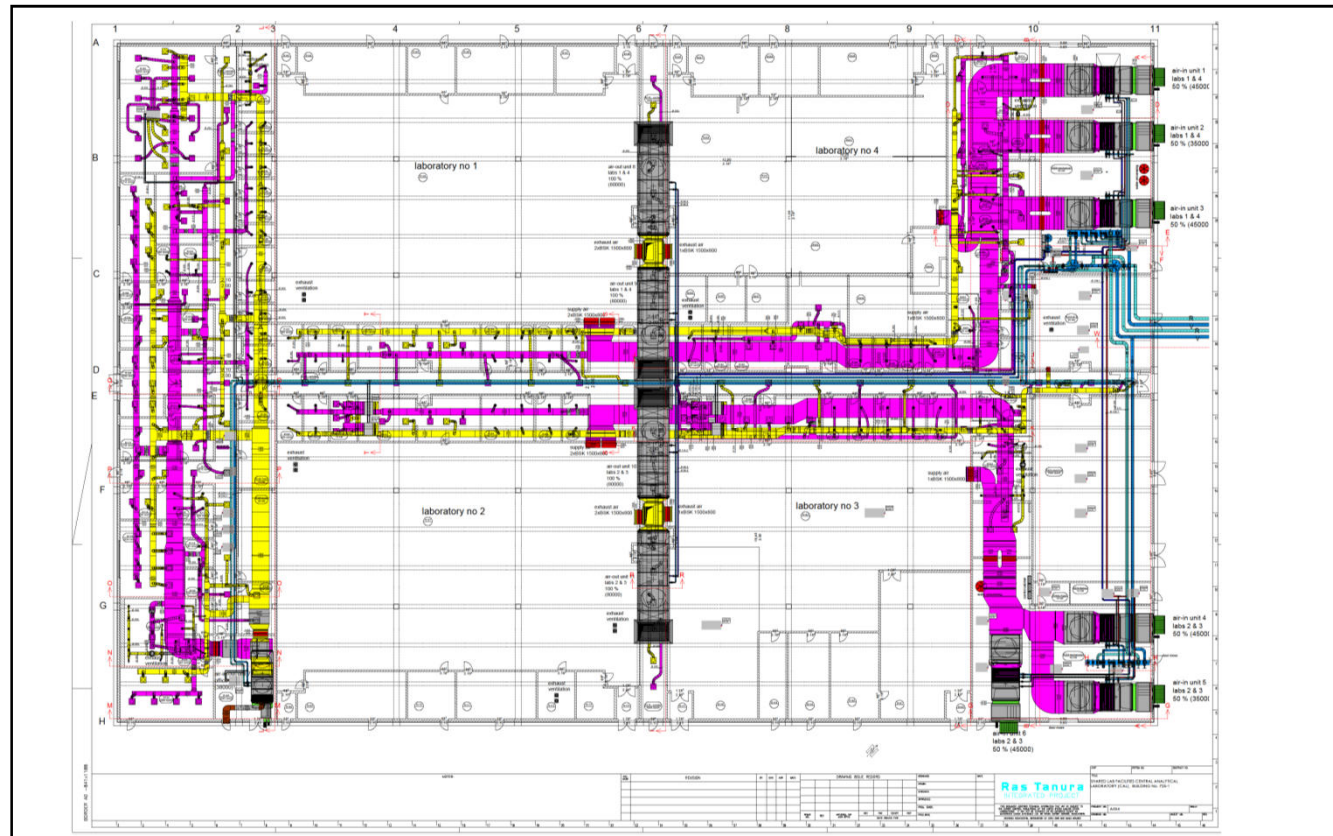
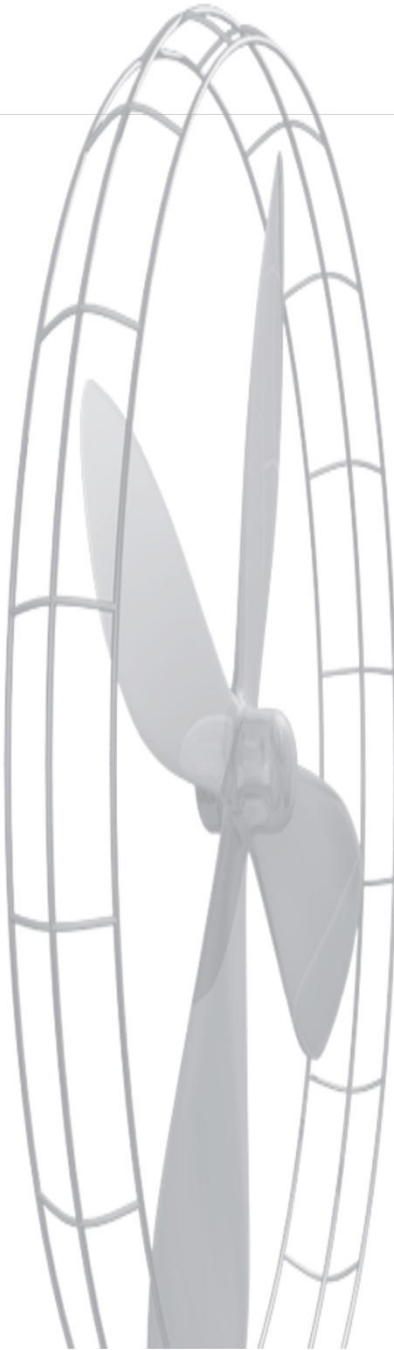




ارامكو السعودية
Saudi Aramco



Sadara – 6500 m² Laboratory Floor Plan

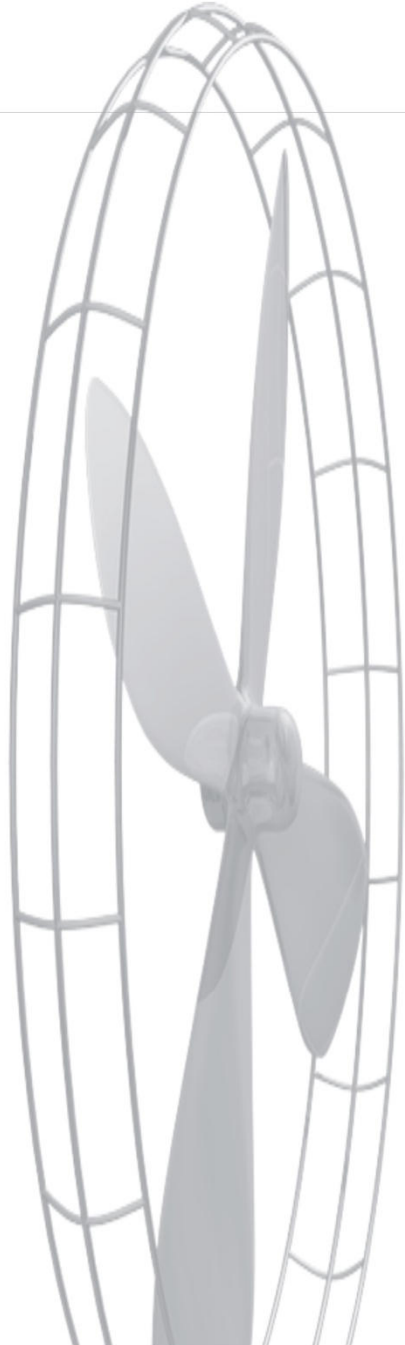
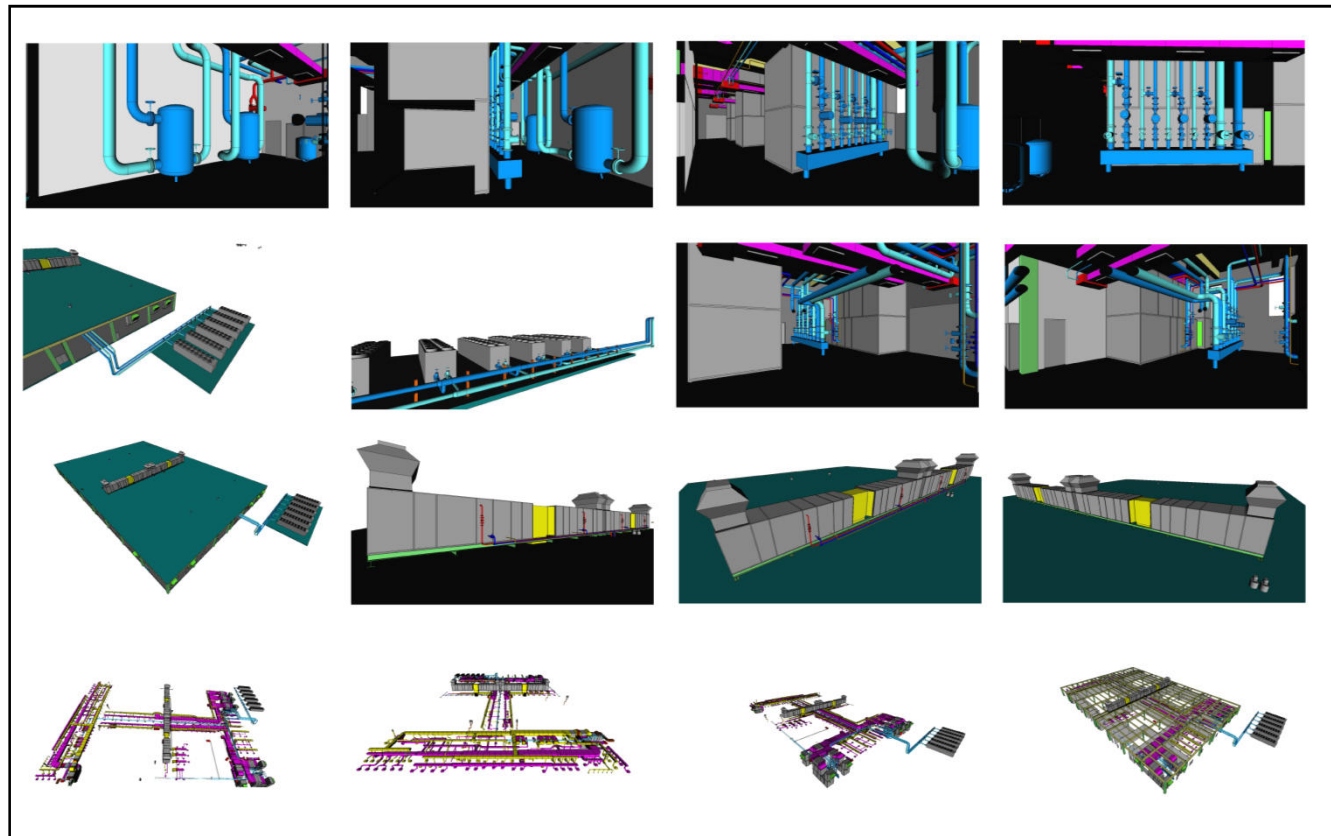




أرامكو السعودية
Saudi Aramco



Sadara – 6500 m² Laboratory 3D





SMS group

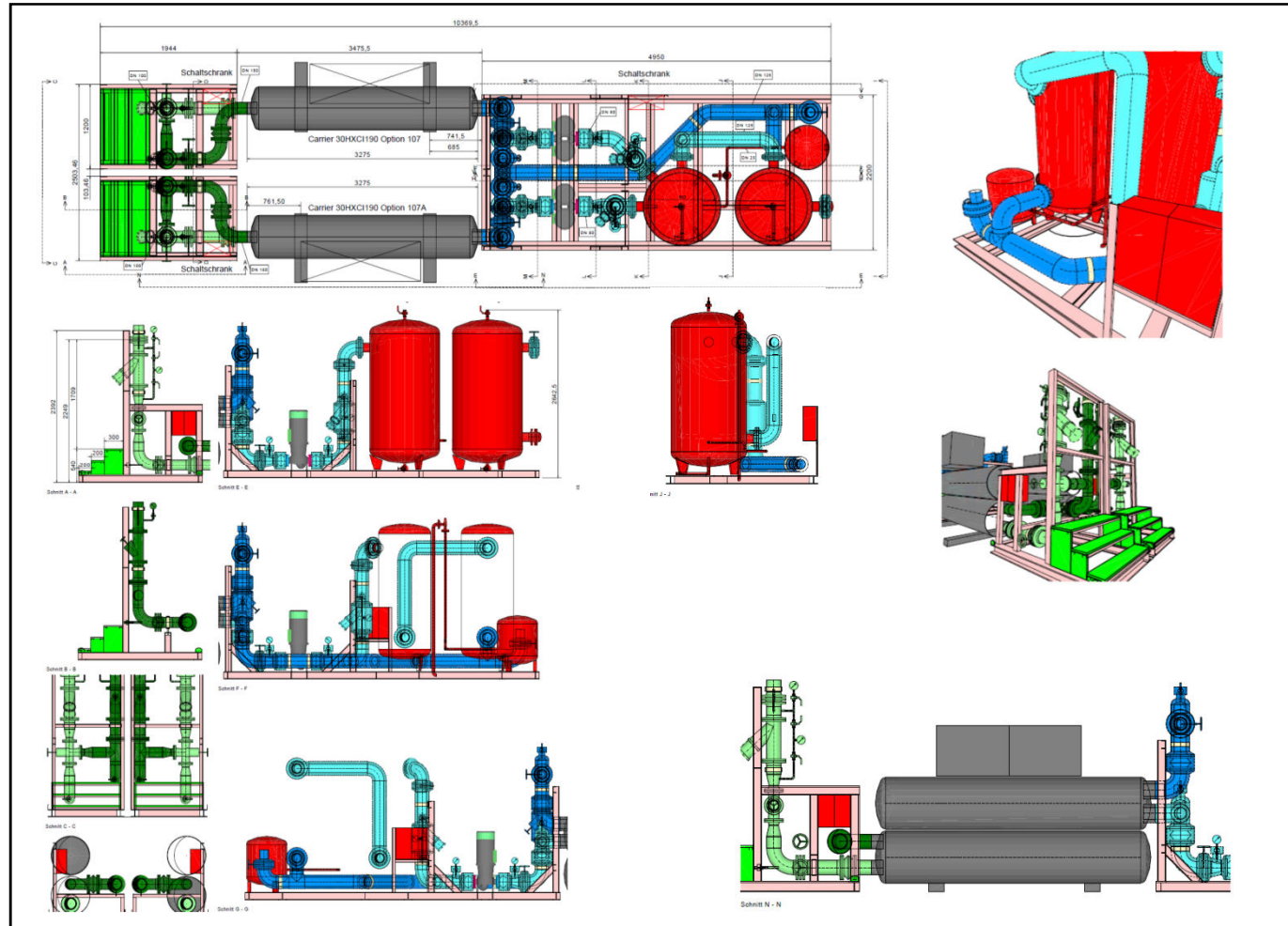
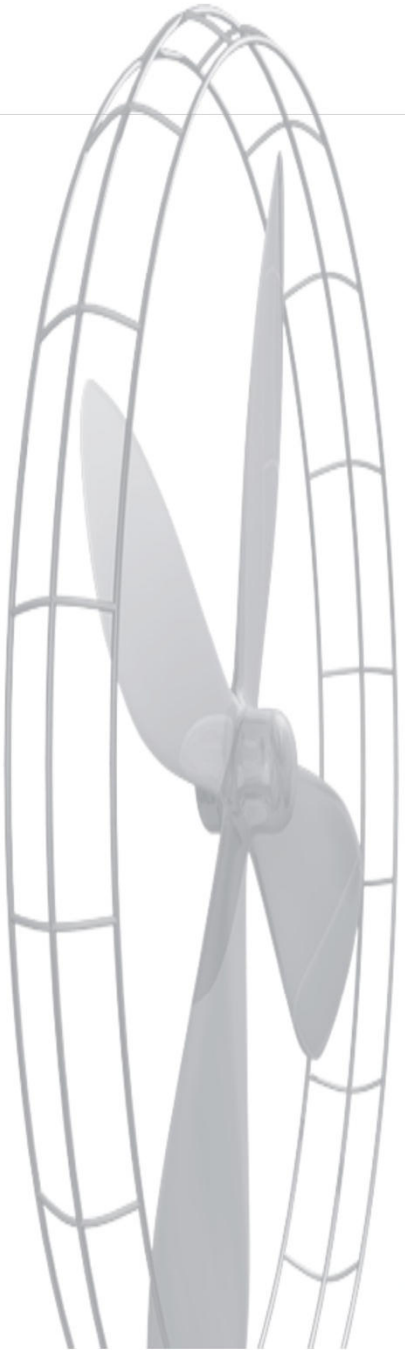


Coldwater-Modul
Chilledwater-Modul
Capacity 400 KW
4 High Performance Pumps
Flow 26,1 L/s
Flowtemperature -5 °C
Returntemperature 0 °C





Cold & Chilled Water Module





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