

Building Util.: Comp. Cooling

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Layout of large-scale Cooling Installation based on Ammonium Cooling Compressors for e.g., Hospitals, Large Building or Process Plants with detail Design of Process Installations. Design of e.g.,

- PFD
- PID w. full TAG-numbering
- General Layout 3D
- Detail Layout 2D and 3D
- Pipe Layout and Detailed Design
- Support Structures and Pipe Support Design

Design Package includes

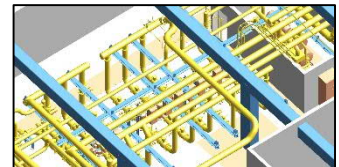
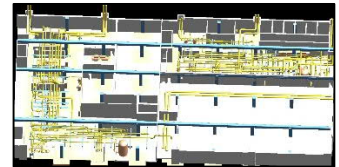
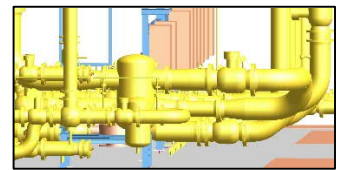
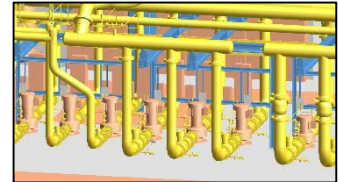
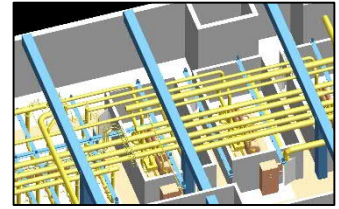
- Piping Design acc. EN13480
- Vessels Design acc. EN13445
- Compressor Sizing and Specification
- Steel acc. Eurocode
- Platforms acc. Eurocode
- Access Stairs and Ladders
- Instrumentation
- Control System – General Spec., Functional Descriptions, SCADA specification etc.
- Pumping Sizing and Selection
- Control Valve Sizing/Selection
- MCC's and Electrical Supply
- Cabling – Power, Signal & IT

P-Engineering uses e.g.

- [AVEVA PDMS](http://www.aveva.com) Software for 3D design – www.aveva.com
- [Pipeflo®](http://www.pipeflo.com) for Piping and Pump Sizing
- [CONVAL®](http://www.conval.com) for Control Valve and SRV Sizing
- [DXT](http://www.dxt.com) Software EN13445 and EN13480

Contact Information:

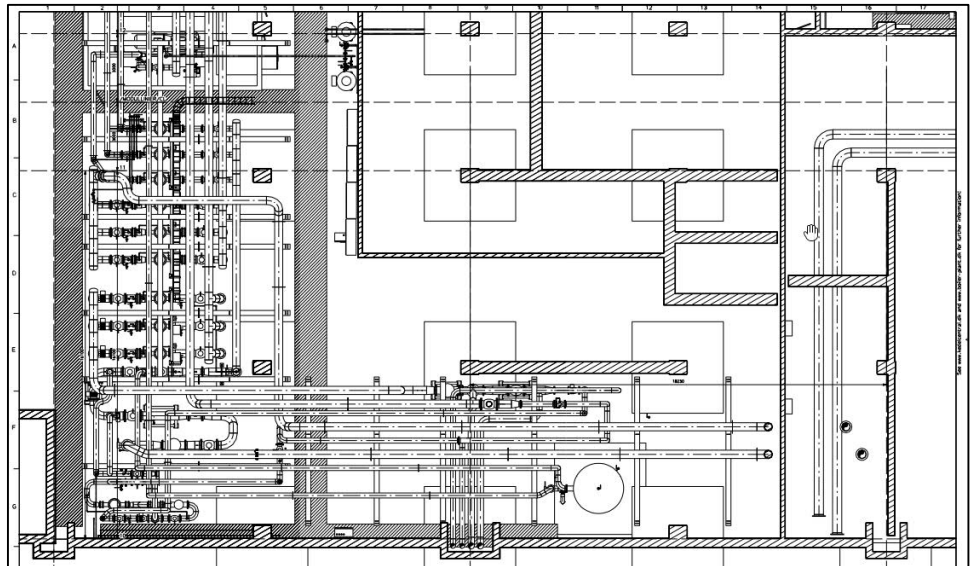
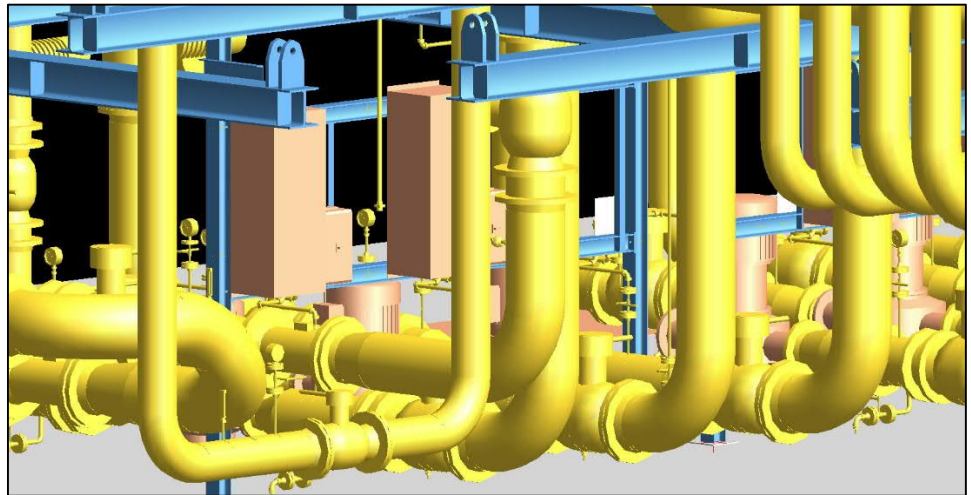
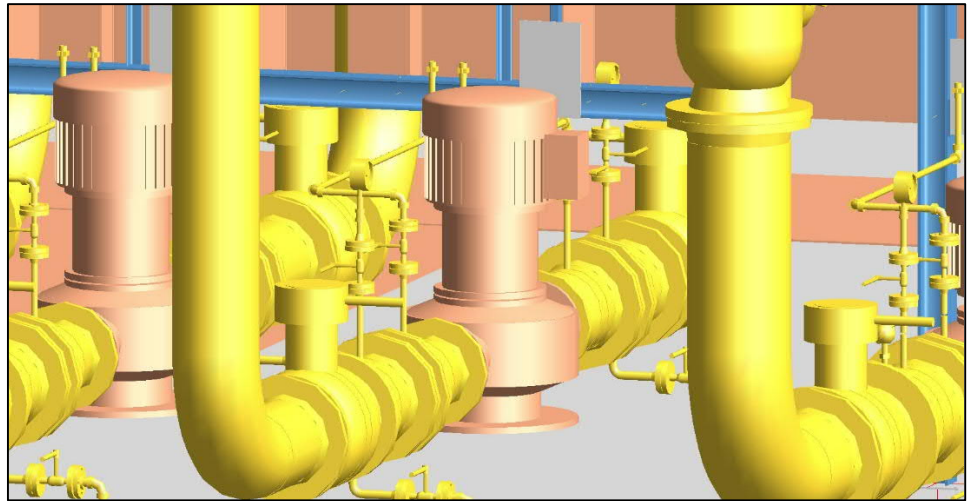
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Pictures from Large Scale Cooling Installation at Herlev Hospital (DK). Installation with 4 off compressors and space allocation for 2 off in reserve. Natural Cooling on Roof with 8 off Fan Coils.
<https://www.herlevhospital.dk>

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Project for WK to be installed at Herlev Hospital (DK) with 4 off Johnson Control Cooling Compressors.