



Thinking solutions.

Research & development centre United Kingdom



Task

- Dynamic pressure maintenance for a data centre within a research and development centre

Product solution

13 skid solutions in total:

- 2x skid for a 6.5 MW cooling system—Skid 3.1 x 2.0 m
- 4x skid for a 2.3 MW cooling system—Skid 1.6 x 1.6 m
- 4x skid for a 1.9 MW cooling system—Skid 1.6 x 1.6 m
- 2x skid for a 610 MW glycol system—Skid 1.4 x 1.4 m
- 1x skid for a 600 kW de-icing system—Skid 1.4 x 1.5 m

Achieved goals

- The pre-assembled skid solutions could be easily and quickly integrated into the system. The dynamic pressure maintenance runs reliably and keeps pressure fluctuations within very narrow limits. State-of-the-art control technology and digital control concepts via master/slave circuits enable close monitoring and a high level of safety.