PROJECT Air Conditioning case study

Daimler Chrysler, Milton Keynes

client
Daimler Chrysler

facilities required
Close control air conditioning of computer centre at Milton Keynes

our role
Design and installation of air conditioning system providing cooling, heating, dehumidification and humidification controlled to close tolerance

engineering solution

- installation of four Airedale DFX65D down flow units from Alphacool range
- each unit has cooling capacity of 56.2kW giving 224.8kW total
- all systems operate with R407C the non ozone depleting refrigerant
- air handling units positioned strategically around the computer centre discharging the conditioned air into the floor void before entering the room via purpose made grilles
- interconnecting pipe work and cabling passes through floor voids before exiting the building
- the remote air-cooled condensers located in a purpose built compound
- the room is protected by FM200 fire suppressant system, which is interlocked to the air conditioning system. cfes provided the exhaust and fresh air systems associated with this system
- water detection is also provided within the floor voids connected to the multi functional digital alarm system

outcome

Works completed on time and within budget whilst maintaining our record of engineering excellence.

cfes Ltd Unit 3 Bentley Park Blacknest Alton Hampshire GU34 4PX
Tel: +44 (0)1420 22622 Fax: +44 (0)1420 22612 Website: www.cfes.co.uk Email: general @cfes.co.uk