

Celsius EcoCooling Evaporative cooling for UPS Room at 4D Data Centres



The UPS Room at 4D Data Centres in London was cooled using three split system air conditioning units, these had annual running costs of over £6,000.00, the new Celsius EcoCooling system will save them over £5,500.00 and almost 44 tonnes of carbon emissions.



The Celsius EcoCooling unit is mounted at the rear of the data centre and ducted up and into the area across the main Data floor and into the UPS room, there is an 'atemperation loop' to help heat the entering air in the cold winter months to ensure that the air reaches the UPS room at the correct temperature for the batteries year round.

The installation was undertaken with no 'down time' in the UPS Room.