



Ask ME

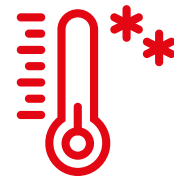
about the
challenges of
IT Cooling for
Data Centres

To learn more visit:
solutions-me.co.uk/datacentres

Data centres use power in 2 ways: they need **power to run the IT equipment that they house** (i.e. servers which execute the digital transactions that we rely on) and, because servers emit heat when they are working, they need **power to keep those servers cool enough to function reliably.**

£3M

A large data centre may consume 30GWh of power per annum, costing its operator around £3M for electricity alone.



Relaxing temperature constraints by even **1°C** could reduce the power used by cooling by up to **4%**.



Increasing energy efficiency of systems have improved over the last number of years.



7 Year Warranty

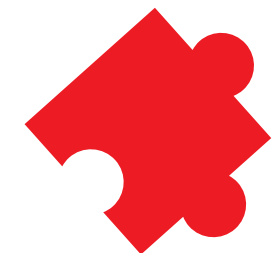
Mitsubishi Electric provides up to **7 years warranty** for improved reliability and service on certain critical systems when compared to an industry standard of **12 months.**

2-3TWh per year

Total power demand of the UK data centre sector.

60%

Energy is usually the largest single element of operating costs for data centres, varying from **25-60%**.



High Density and Tactical Solutions for a more **modular approach** promote greater resilience and reliability.