

## Air Conditioning (AC) Systems Factsheet:

### Who requires an AC inspection?

Many private and public sector buildings and an increasing number of homes have air conditioning systems. These systems must be carefully maintained and managed so that they do not consume too much energy. Measures have therefore been introduced by the Communities in Local Government (CLG) to ensure that the larger air conditioning systems are regularly inspected in all properties.

### When is the deadline?

AC Systems installed after 1<sup>st</sup> January 2008 must be inspected within 5 years of installation. Existing AC systems over 250kW must be inspected by 4<sup>th</sup> January 2009. Existing AC systems over 12kW by 4<sup>th</sup> January 2011.

### What is required?

The regular inspection of AC systems >12kW.

### What does an AC inspection include?

The inspection report must include an assessment of the air-conditioning efficiency and the sizing of the system compared to the cooling requirements of the building, and contain appropriate advice on possible improvements to the system, replacement of the system and alternative solutions.

### Who can undertake an AC inspection?

An AC inspection can only be performed by an Energy Assessor that has been accredited to inspect AC systems by a recognised authority. Typically, an inspection would include:

- Documentation review.
- Comparison of maintenance with industry good practice.
- Inspection of system components.
- Assessment of controls and settings.
- Estimation of cooling load.
- Review potential for improvement or alternatives.
- Report on the findings and advice.

### How long does it last?

AC Systems must be inspected by the relevant date and then every 5 years.

### What to do next?

1. Contact us or visit our website; [www.acinspect.co.uk](http://www.acinspect.co.uk) for more information.
2. Preparation; to ensure that your organisation is ready to comply with the regulations as soon as possible it is imperative that the required data is compiled. Contact Clouds Environmental Consultancy Ltd. to see what data is necessary and how best to collect it.

**Contact Clouds for a quotation – t: 023 9263 9858 e: [info@acinspect.co.uk](mailto:info@acinspect.co.uk)**

