

Applied Energy – Fact Sheet

THE IMPLICATIONS OF THE F-GAS REGULATIONS

Key Information for Building Owners and Operators

Why? EU Regulation 2037/2000 on ozone depleting substances. and EU Regulation 842/2006 on certain fluorinated greenhouse gases (F-Gases) have important impacts on Building owners and operators.

When? The key dates are shown below:

2008	The quantity of virgin HCFCs that can be sold in the EU is restricted. For example, in 2008 the amount available for sale will only be 25% of that available in 2001.
31 st December 2009	After 2009 virgin HCFCs cannot be used for plant servicing and maintenance.
31 st December 2014	After 2014, recycled HCFCs cannot be used for plant servicing and maintenance. This applies to all recycled HCFCs, even if purchased before the deadline.

Recommendations:

1. Start planning for HCFC Phase Out now. This will ensure you have time to consider the most appropriate options and will enable you to minimise the cost implications. It will also give you time to properly budget for any investments required.
2. General obligation to prevent leakage. Using all measures which are “technically feasible and do not entail disproportionate cost” operators must: (i) prevent leakage of HFC refrigerants and (ii) as soon as possible repair any detected leakage. This requires regular leakage testing which must be carried out by refrigerant handling certified personnel. Systems above 300kg must be fitted with leakage detection systems.
3. Maintaining Records. Records must be kept about each system with more than 3 kg of HFC refrigerant. The records must include: · The quantity and type of HFC refrigerants installed in each system; · Any quantities of refrigerant added; · The quantity of refrigerant recovered during servicing, maintenance and final disposal.

How? Applied Energy have the necessary technical expertise to help operators achieve compliance with these far reaching Regulations.

Other Opportunities? Whilst carrying out this work Applied Energy may be able to identify additional cost effective savings opportunities to help reduce the costs of chiller and refrigeration operations.

Contact: Toby King (toby.king@appliedenergy.co.uk 07803 924465) at Applied Energy for an initial discussion and some guidance on how best to proceed.



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