

## R22 REFRIGERANT – FORTHCOMING LEGISLATION

**If your air conditioning equipment is over 6 years old now is the time to take note of this legislation.**

From 1 Jan 2010 it will be illegal to use virgin hydrochlorofluorocarbons such as R22 when servicing and maintaining air conditioning equipment. Until 31 December 2014 temporary use of recycled/recovered R22 is possible but availability could be limited and we anticipate costs are likely to escalate as stocks dwindle. From 1 January 2015 sales or use of recycled/recovered R22 will be prohibited.

### **How we can help you manage the transition?**

We will help you develop a corporate strategy to ensure compliance with the new legislation. We will advise on the options, which include replacement, refit or retrofit. We can project manage the transition to ensure the smooth integration of any new systems and the safe disposal of the R22 refrigerant.

### **Three Options currently available are:**

#### **1. Replace plant**

Many R22 units are now reasonably old and replacement through phase out is often the best way forward. The good news is that new systems using the latest inverter technologies are likely to have a significantly greater cooling capability (up to 15%) and to use far less energy (on average approx. 50%). The payback period and the opportunity to make significant CO<sup>2</sup> reductions can add up to a big incentive to invest.

An added incentive may be the Government's Enhanced Capital Allowance Scheme, which could allow accelerated tax relief on certain new equipment. Call for further advice, or visit [www.eca.gov.uk/etl](http://www.eca.gov.uk/etl)

#### **2. Refit or retrofit plant to use alternative refrigerant**

Depending on the type, age and condition of equipment in some situations 'replacement technology' means it is possible to adapt systems to use legally permitted HFC's or an HFC blend of drop in replacements. System efficiency and reliability needs to be considered along with the manufacturers recommendation as only qualified engineers can undertake this work.

#### **3. Continue using recycled refrigerant**

Not the long term solution, but until 31 December 2014 it is possible to use a recycled refrigerant however its availability and cost could well be an issue.

**Simply call us now on **0844 980 8636** for a free assessment of your Air Conditioning equipment.**