



AIR CONDITIONING
LEGISLATION

R-22 GUIDE

Compliance is necessity
Clean Air make it simplicity



LEGISLATION

R-22

Save energy, save money.
Good for the environment. Good for you.

Introduction

From 1 Jan 2010 it became illegal to use virgin hydrochlorofluorocarbons (HCFCs) such as R-22 when servicing and maintaining air conditioning equipment. This is an issue for many as R-22 was the most commonly used refrigerant until about 2002. Until 31 December 2014 temporary use of recycled or recovered R-22 is possible, however from 1 January 2015 its sales and use will be prohibited.



Clean Air can help

We will undertake an R-22 audit to establish affected equipment. We will then help you develop and implement a strategy which successfully manages the transition and ensures compliance.

Many R-22 units are now reasonably old and often the most sensible and cost effective solution is to replace or phase out affected plant. If this is the right way forward, we will calculate potential payback periods and CO² savings. The good news is that the latest inverter technologies offer significantly greater cooling capabilities and use far less electricity. An added incentive may be the Government's Enhanced Capital Allowance Scheme which provides accelerated tax relief on qualifying new equipment*.

A temporary fix, until 31 December 2014, is to use a recycled or recovered refrigerant - however its availability and cost could well be an issue.

Alternatively, depending on the type, age and condition of equipment 'replacement technology' means that in some situations it is possible to adapt systems to use legally permitted HFC's or an HFC blend (drop in replacements). However efficiencies, outputs and reliability together with manufacturers guidelines need to be carefully considered. At present Clean Air do not usually recommend this option.

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* Terms and qualifying criteria apply, refer to: www.eca.gov.uk/etl

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