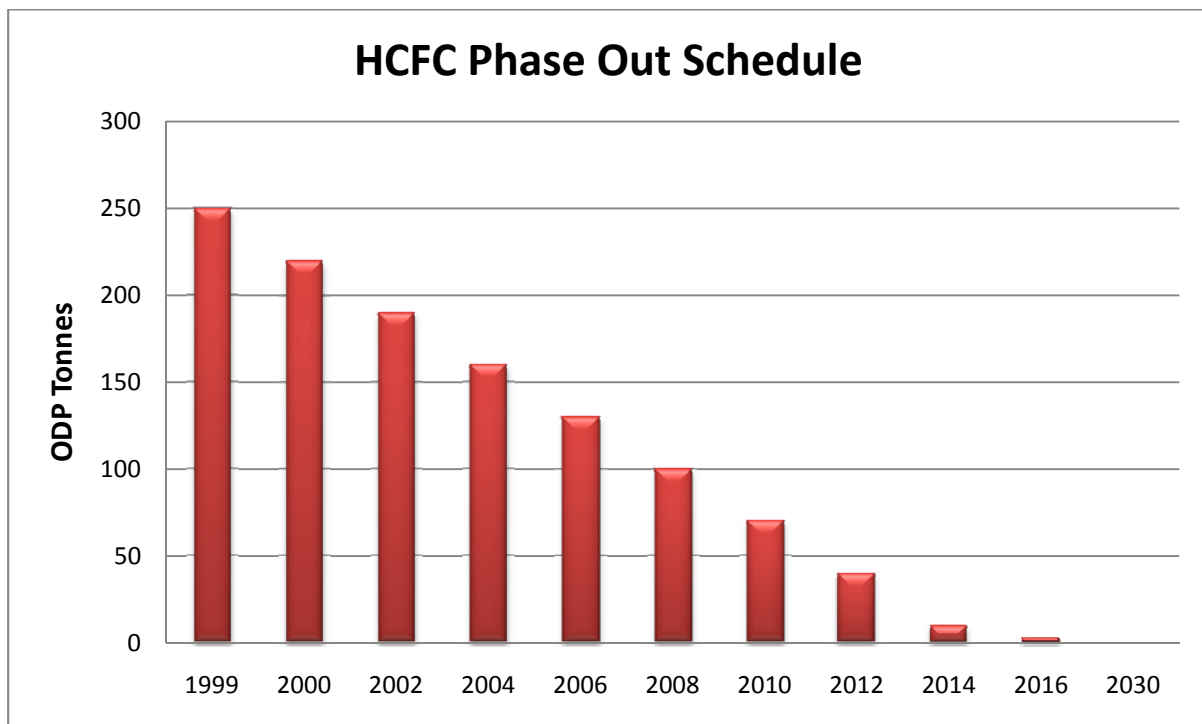


## Refrigerant phase-out update

Australia continues to lead the way in the phasing out of hydrochlorofluorocarbon (HCFC) refrigerants, meeting or exceeding its phase-out obligations under the Montreal Protocol. The Montreal Protocol is an agreement established in 1987 with the specific purpose of phasing-out any substances deemed to be contributing to the depletion of the ozone layer. This agreement is implemented in Australia under the *Ozone Protection and Synthetic Greenhouse Gas Management Act 1989*.

As such, HCFC's, commonly accepted as having an overall detrimental effect on the environment through both their ozone depletion potential and global warming potential, are being phased out completely. The Australian phase-out guidelines are as follows:



To put ODP tonnes in environmental perspective, the refrigerant R22, which is commonly used in both small and packaged air conditioning equipment and the most prevalent of all HCFC's, has an ozone-depletion potential of 0.055. This means 1 ODP tonne translates to just over 18 metric tonnes of R22.

In addition to R22, other HCFC's to be phased out include R408A, R409A and R123. As of 1 July 2010 Australia has also banned the importation of most air-conditioning equipment pre-charged with HCFC refrigerant.

Consult your local Actrol branch for advice on what options are available for both servicing existing equipment and new installations.