

F-Gas regulation has been introduced by the EU with the overall target being to reduce F-gas emissions by two-thirds by 2030. Ryan Jayberg is actively working to reduce entrained volumes and the Co2 equivalent of refrigeration systems.

R404A has a GWP of over 2500 and is commonly used in refrigeration systems particularly in commercial refrigeration systems such as supermarkets. Existing systems that use a refrigerant with a GWP of over 2500 can only be serviced with reclaimed refrigerant, which is becoming more and more expensive and will soon run out, and by 2030 refrigerants with a GWP of over 2500 will be completely banned.

In the past 24 months we have completed 44 gas retrofits, which is over 120 systems, at no disruption to the retail operation of the end user. All works are completed out of hours with fixtures returned to temperature in advance of store opening hours.

Result of our works on this single rollout program alone have reduced the Co2 equivalent by over 63,000 Tonnes. This is equivalent to the greenhouse gas emissions of:

**13,376**



Passenger vehicles driven for one year


**154,034,230**



Miles driven by an average passenger vehicle

Or CO2 emissions from:

**8,033,276,053**



number of smartphones charged

With our expertise in natural refrigerants for new system designs & installations we are proud of our contribution to help reduce the impacts of climate change. Ryan Jayberg and its team can carry out a full assessment of your system to advise the best option to meet your carbon reduction goals and meet legal obligations.

