

Greener Refrigeration

Glycol – remote systems

The award winning glycol system links independently controlled refrigeration equipment on to a 'ring main' with glycol being pumped round the system's pipes, thereby cooling all connected equipment.

The system eliminates from the ring main the need to use highly expensive HFC refrigerant with its associated Carbon Levy. It also greatly reduces refill costs due to leaks in the refrigeration loop.

Why Glycol?

Because it reduces running costs... up to 25% less to run than other systems

Because it saves energy... and helps reduce your carbon footprint

Because it's quiet... reducing noise levels in the kitchen

Because it's reliable

Because it's totally safe, for you and the environment...no health risks and very low environmental impact

Because it's more effective... providing seemingly instant temperature control

Simplified Glycol Setup



Hydrocarbon – self contained

Hydrocarbon Refrigerant reduces energy consumption by up to 15% due to its excellent thermodynamic properties.

It also almost eliminates the environmental impact due to its low Global Warming Potential (GWP) and zero Ozone Depletion Potential (ODP).

The refrigerant charge on all Williams hydrocarbon equipment is below the 150g threshold, enabling it to be placed in any size of room without the need for specific volume calculations.

Refrigerant	GWP	ODP
R290 HC (Hydrocarbon)	3	0
R134a HFC (Hydrofluorocarbon)	1300	0
R404A HFC (Hydrofluorocarbon)	3780	0

Williams offer many models from our UK factory that are manufactured using Hydrocarbon refrigerant.

Please refer to Williams Refrigeration for further information on the above Green Solutions.