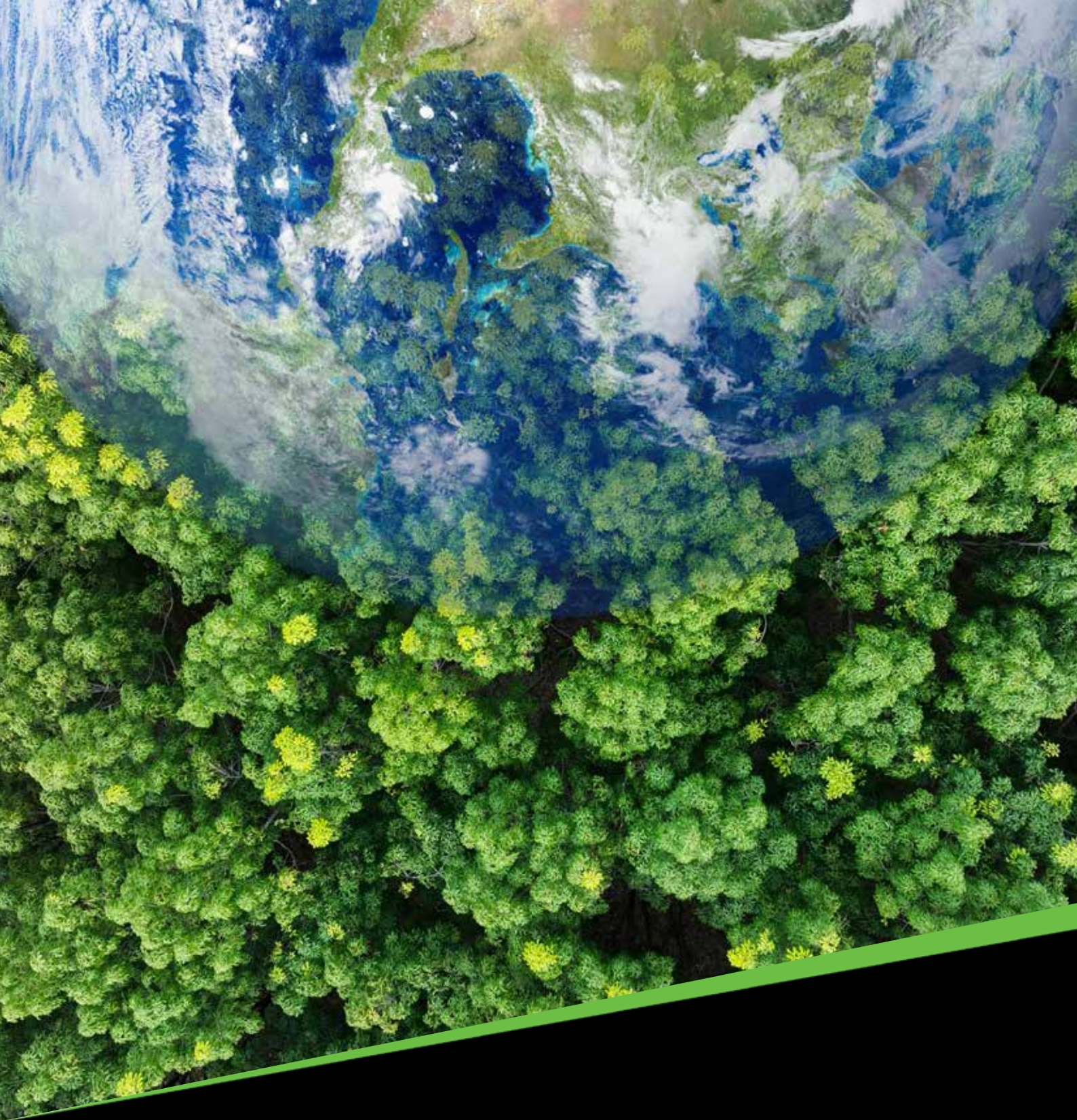




Gas2GO[®]

REFRIGERANT SOLUTIONS

RETROFIT SOLUTIONS TO HELP NAVIGATE THE HFC PHASEDOWN

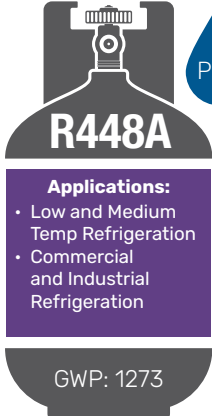
Replacements for

R404A

GWP 3922

R507

GWP 3985



R448A

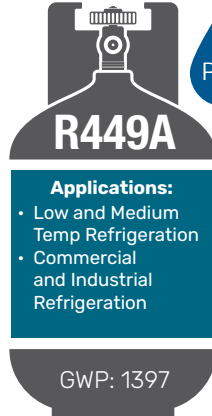
POE

LOW GWP

Applications:

- Low and Medium Temp Refrigeration
- Commercial and Industrial Refrigeration

GWP: 1273



R449A

POE

LOW GWP

Applications:

- Low and Medium Temp Refrigeration
- Commercial and Industrial Refrigeration

GWP: 1397



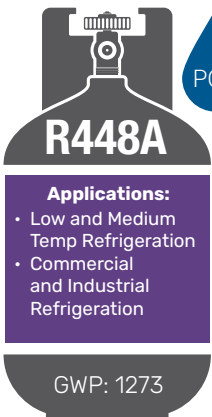
R452A

POE

Applications:

- Transport Refrigeration
- Commercial and Industrial Refrigeration

GWP: 2140



R448A

POE

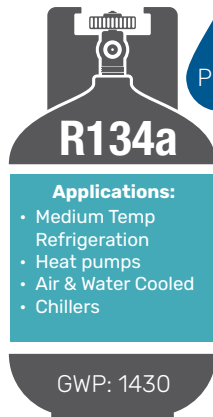
LOW GWP

Applications:

- Low and Medium Temp Refrigeration
- Commercial and Industrial Refrigeration

GWP: 1273

MT/LT



R134a

POE

Applications:

- Medium Temp Refrigeration
- Heat pumps
- Air & Water Cooled
- Chillers

GWP: 1430

MT



LOWER GWP ALTERNATIVES TO R404A FOR NEW EQUIPMENT

Gas2Go offers a number of choices from low GWP refrigerants through to fully natural CO₂ solutions. Whenever possible, we recommend choosing the lowest GWP refrigerant available.

For medium temperature systems R134a and R448A are the simplest choices using conventional equipment. R134a medium temperature systems provide energy efficiency benefits and good performance in high ambients.

For low temperature systems we recommend R448A or R452A as the simplest choices using conventional equipment. R744 is a future proof refrigerant choice for low temperature applications.

Using a low GWP refrigerant such as R448A will improve your energy efficiency, in some cases improve capacity, reduce carbon footprint, and give you longevity of supply.

More information can be found or made available from your representatives at:

KIRBY
A BEIJER REF Company

BEIJER REF
Australia



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REFRIGERANT APPLICATION GUIDE

A1 - Non Flammable							
Refrigerant Type	Safety Class	GWP					New/ Retrofit**
R744 (CO ₂)	A1	1					New
R1233zd	A1	1					New
R450A	A1	547					New/Retrofit
R513A	A1	573					New/Retrofit
R448A	A1	1273					New/Retrofit
R449A	A1	1397					New/Retrofit
R134a	A1	1430					
R407C	A1	1774					
R407F	A1	1824					
R410A	A1	1924					
R438A	A1	2059				 (D.X)	Retrofit
R452A	A1	2140					New/Retrofit
R404A*	A1	3922					
R507*	A1	3985					
A2L - Mildly Flammable							
R1234ze	A2L	< 1					New
R1234yf	A2L	< 1			 (Automotive)		New
R455A	A2L	145					New
R32	A2L	650					New

*Beijer Ref recommends using alternatives with a lower GWP where suitable and with due consideration to all local standards that apply to each refrigerant.

**Several ASHRAE designated products can be considered for retrofits. This is a guide only. Beijer Ref recommends reading the retrofit guidelines of specific refrigerants and lubricants and checking with the manufacturer for further details before retrofitting with a new refrigerant.



Beijer Ref is always striving towards minimising the industry's carbon footprint. Our mission is to be the preferred provider of sustainable and energy-efficient cooling and heating technology.

Guided by the principle of a greener future, we are committed to maintaining a stable business model that stands the test of time for the environment, our customers and employees. Ensuring that we constantly work towards our vision: sustainable temperature control for all.



Equipment selections designed for CO₂



Gas2GO[®]
REFRIGERANT STEWARDSHIP

Gas2Go Refrigerant Stewardship Program



BEIJER REF
ACADEMY

Beijer Ref Academy. Training for a sustainable future

Gas2GO[®]

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