

PHASING OUT (ODP)

HCFC

R408A
GWP 3152
OR
R402A
GWP 2788
R402B
GWP 2416
R403B
GWP 4457
HCFC

APPLICATION
Low Temp Refrig
Med Temp Refrig

A-GAS R22

OIL
Mineral
Alkylbenzene
Polyol Ester

APPLICATION
Low Temp Refrig
Med Temp Refrig
Air Conditioning

GWP 1810
HCFC

A-GAS R409A
GWP 1943
OR
R406A
GWP 1585
HCFC

APPLICATION
Low Temp Refrig
Med Temp Refrig

A-GAS R123

OIL
Mineral
Alkylbenzene

APPLICATION
Centrifugal Chillers

GWP 77
HCFC

INTERIM REPLACEMENT (ZERO ODP)

HFC

A-GAS R404A
(FX70/HP62)
R125/143a/134a
(44/52/4%)
OIL
Polyol Ester
APPLICATION
Low Temp Refrig
Med Temp Refrig
GWP 3922
HFC

A-GAS R507
(AZ50)
R125/143a
(50/50%)
OIL
Polyol Ester
APPLICATION
Low Temp Refrig
Med Temp Refrig
GWP 3985
HFC

A-GAS R407A
Klea60
OIL
Polyol Ester
APPLICATION
Med Temp Refrig
GWP 2107
HFC

A-GAS R407F
GENETRON®
PERFORMAX™ LT
OIL
Polyol Ester
APPLICATION
Low Temp Refrig
Med Temp Refrig
GWP 1825
HFC

A-GAS R417A
ISCEON® M059
OIL
Mineral**
Alkylbenzene
Polyol Ester
APPLICATION
Med Temp Refrig
High Temp Refrig
Air Conditioning
GWP 2346
HFC

There is no single product that can replace R22 in all applications.
If you need help on any particular application, please contact us.
** 50/50 mix of Mineral/ Alkylbenzene preferred.

A-GAS R134a
OIL
Polyol Ester
Polyalkylene-Glycol
APPLICATION
Med Temp Refrig
Air Conditioning
Auto Air Cond
GWP 1430
HFC

A-GAS R407C
(Klea 66/
Suva 9000)
R32/125/134a
(23/25/52%)
OIL
Polyol Ester
APPLICATION
Air Conditioning
GWP 1774
HFC

A-GAS R410A
(AZ20)
R32/125
(50/50%)
OIL
Polyol Ester
APPLICATION
Air Conditioning
GWP 2088
HFC

A-GAS R407F
GENETRON®
PERFORMAX™ LT
OIL
Polyol Ester
APPLICATION
Low Temp Refrig
Med Temp Refrig
GWP 1825
HFC

A-GAS ISCEON® M089
OIL
Mineral
Alkylbenzene
Polyol Ester
APPLICATION
Ultra Low Temp Refrigeration
GWP 3805
HFC

A-GAS R23
OIL
Polyol Ester
APPLICATION
Ultra Low Temp Refrigeration
GWP 14800
HFC

A-GAS R508A
R23/116
(39/61%)
OIL
Polyol Ester
APPLICATION
Ultra Low Temp Refrigeration
GWP 13214
HFC

A-GAS R508B
Suva 95
OIL
Polyol Ester
APPLICATION
Ultra Low Temp Refrigeration
GWP 13396
HFC



LONG-TERM REPLACEMENT

HFO / HFC / HC & NR

All information supplied is for guide purposes only.

A-GAS R290
Refrigerant
Grade Propane
OIL
Mineral
APPLICATION
Low Temp Refrig
Med Temp Refrig
Flammable
GWP 3
HC

A-GAS R1270
Propylene
OIL
Mineral
APPLICATION
Low Temp Refrig
Med Temp Refrig
Flammable
GWP 2
HC

A-GAS R452A
OPTEON™ XP44
OIL
Polyol Ester
APPLICATION
Low Temp Refrig
Med Temp Refrig
Truck Refrig
GWP 2140
HFC/HFO

A-GAS R454A
OPTEON™ XL40
OIL
Polyol Ester
APPLICATION
Low Temp Refrig
Med Temp Refrig
GWP 246
HFO Blend

Please note:
Not all products are available in all outlets.

A-GAS R448A
SOLSTICE® N40
OIL
Polyol Ester
APPLICATION
Low Temp Refrig
Med Temp Refrig
GWP 1387
HFC/HFO

A-GAS R449A
OPTEON™ XP40
OIL
Polyol Ester
APPLICATION
Low Temp Refrig
Med Temp Refrig
GWP 1397
HFC/HFO

A-GAS R744
Carbon Dioxide
OIL
Mineral
APPLICATION
Various
GWP 1
CO2

A-GAS R600a
ISO Butane
OIL
Mineral
Alkylbenzene
APPLICATION
Domestic Refrig
Flammable
GWP 3
HC

A-GAS HFO 1234ze
OIL
Polyol Ester
APPLICATION
Med Temp Refrig
Water Chillers
GWP 1
HFO

A-GAS HFO 1234yf
OIL
Polyol Ester
Polyalkylene-Glycol
APPLICATION
Auto Air Cond
Mildly Flammable
GWP 1
HFO

A-GAS R450A
SOLSTICE® N13
OIL
Polyol Ester
APPLICATION
Med Temp Refrig
High Temp Refrig
GWP 604
HFO Blend

A-GAS R453A
RS70
OIL
Mineral
Alkylbenzene
Polyol Ester
APPLICATION
Med Temp Refrig
High Temp Refrig
GWP 1765
HFC

A-GAS R513A
OPTEON™ XP10
OIL
Polyol Ester
APPLICATION
Med Temp Refrig
High Temp Refrig
GWP 631
HFO Blend

A-GAS R32
OIL
Polyol Ester
APPLICATION
Air Conditioning
Flammable
GWP 675
HFC

Refrigerants



Industrial Special Products



Fire Protection



A-GAS R170
Ethane
OIL
Polyol Ester
APPLICATION
Ultra Low Temp Refrigeration
Flammable
GWP 6
HC

A-Gas (South Africa) (Pty) Ltd

8 Railway Road, Montague Gardens
Cape Town 7441, South Africa

T [+27] (0) 21 551 8790
F [+27] (0) 21 551 8758

66 Director Road, Spartan Ext 22
Johannesburg 1619, South Africa

T [+27] (0) 11 392 4791
F [+27] (0) 11 392 2296

info.sa@agas.com www.agas.com

A-GAS HFO 1234ze
OIL
Polyol Ester
APPLICATION
Med Temp Refrig
Water Chillers
GWP 1
HFO

A-GAS HFO 1233zd
SOLSTICE® ZD
OIL
Polyol Ester
APPLICATION
Centrifugal Chillers
GWP 1
HFO