



R134A,R410A,R404A,R407C,R22,R417A,R141B

AMPCO REFRIGERANTS

ENERGY EFFICIENT AND NON TOXIC

MADE IN CHINA

ABOUT AMPCO

AMPCO is the house brand of AMPCO DUBAI a well-connected trading company in providing high-quality automotive product solutions to customers globally, Our products gives unmatched performance, safety, and reliability. We also Promote LUCAS and GIRLING branded Products in GCC.

KEY PRODUCT FEATURES

- HFC-134A is used as refrigerant in automobile air-conditioning
- It can also be used as aerosol, flame retardant, and blowing agent in pharmaceutical, agrochemical, cosmetics and cleaning sectors
- HFC-R410A is used for commercial applications
- Disposable cylinders and Products meets or exceeds
- ASHRI 700- US Standard matched
- SGS, ISO 9001 Certified
- Packing: Cylinder (KGS, DOT approved), Ton Cylinder, Iso tank, etc.



PRODUCT RANGE		
Refrigerant Gas	Products details	Quality Standard
HCFC refrigerant	R22, R123	ARI Standard matched.
	R134a, R125, R32, R152a,	SGS, ISO 9001 Certified.
HFC refrigerant	R404a, R407c, R410a, R507	Packing: Cylinder (KGS, DOT approved), Ton Cylinder, Iso tank, Drum (R141b) etc.
	Fire Extinguishant	R227ea, R23
Foaming Agent	R141b, R142b	
Other refrigerant	C-318, R508b, R600a, R290	



WHY AMPCO OVER OTHER BRANDS?

- Quality approved as per AHRI 700 – US standard
- Supplied every batch with Conformity certificate meeting or exceeding the above standards
- Guaranteed 99.9% purity
- Consistency in supply with prompt faster delivery schedule.
- Manufactured by Top OE and After Market supplier Fcatory
- Exported to more than 108 countries
- Full Range availble
- Flexible Ordering options mixing Part numbers with MOQ per Part Numbers

FOR TRADE ENQUIRES CONTACT:



AUTOMOTIVE PRODUCTS COMPANY FZCO
 Address: POBOX No. 342001
 IFZA Business Park, DDP, United Arab Emirates
 E-mail: rag@ampcodubai.com Website: www.ampcodubai.com
 Phone: U.A.E.+971 54 784 5815

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MORE ABOUT PRODUCT RANGE

R134A

Refrigerant 134a is an HFC retrofit refrigerant for R-12. It is used in new medium- and high-temperature stationary commercial refrigeration, as well as chiller systems and home appliances. In addition, it can be used to retrofit existing R-12 refrigeration and air conditioning systems. It is also the global standard for new mobile air conditioning and can be used to retrofit existing R-12 mobile air conditioning systems.

Category : HFC

Chemical Name : 1,1,1,2-Tetrafluoroethane

Cas No : 811-97-2

Lubricant : POE

R22

The efficiency and utility of Refrigerant 22 as a refrigerant and air conditioning fluid is reflected in its extended usage under the Montreal Protocol. Refrigerant 22 still plays a vital role in reducing Ozone Depleting Substances (ODS) levels in many markets.

From January 2010 this product cannot be sold in Europe – European Regulation No 1005/2009.

Category : HCFC

Chemical Name : Chlorodifluoromethane

Cas No : 75-45-6

Lubricant : POE,MO

R404A

A viable alternative to R-22 and R-502 for new and retrofit applications. It is a good refrigerant for supermarkets and other commercial applications.

Composition (wt%) R-143a/R-125/R-134a = 52/44/4.

Category : HFC

Chemical Name : 1,1,1-trifluoroethane /Pentafluoroethane/
1,1,1,2-Tetrafluoroethane

Cas No : 420-46-2 / 354-33-6 / 811-97-2

Lubricant : POE

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R410A

A leading high pressure alternative to R-22, comprising R-32 and R-125, for air conditioning and refrigerant applications for new equipment.

Composition (wt%) R-32/R-125 = 50/50

Category : HFC

Chemical Name : Difluoromethane / Pentafluoroethane

Cas No : 75-10-5 / 354-33-6

Lubricant : POE

R407C

All of the R-407-series refrigerants are based on blends of the three HFC refrigerants R-32, R-125 and R-134a. R-407C has been formulated as a good match to the existing HCFC refrigerant R-22 for use in air conditioning, chilling and refrigeration applications and is the first of the R-22 alternatives to be used on a commercial scale. Suitable for retrofit and original equipment usage. R-407C meets the GWP requirements beyond 2030 under the EU F-Gas Regulations for industrial and commercial refrigeration.

Composition (wt%) R-32/R-125/R-134a = 23/25/52

Category : HCFC

**Chemical Name : Difluoromethane / Pentafluoroethane /
1,1,1,2-Tetrafluoroethane**

Cas No : 75-10-5 / 354-33-6 / 811-97-2

Lubricant : POE

R32

R32 should only be used in systems designed to operate with this gas. It should not be used to retrofit existing R22 or R410A systems. R32 has higher discharge temperatures than R410A. It is thus advisable to consult compressor manufacturers to confirm acceptable discharge temperatures.

Category : HFC

Chemical Name : Difluoromethane

Cas No : 75-10-5

Lubricant : POE

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R23

R23 is used in very low temperature refrigeration systems. The most common application is in cascade refrigeration systems in the range -40°C to -80°C. R23 can also be used to replace R13 in some equipment.

Category : HFC

Chemical Name : Trifluoromethane

Cas No : 75-46-7

Lubricant : POE

R417A

R417A, is an HFC retrofit refrigerant for R22 in direct expansion stationary air conditioning (AC) and medium temperature commercial refrigeration systems.

Category : HCFC

Chemical Name : Pentafluoroethane / 1,1,1,2-Tetrafluoroethane / butane

Cas No : 354-33-6 / 811-97-2 / 106-97-8

Lubricant : POE/AB

R141B

R-141b is a nontoxic and colorless chemical with small ODP value and excellent chemical stability. Since its physical and chemical properties are similar to those of CFC-11 and CFC-113, it can substitute refrigerant R-11 as foaming agent for rigid or soft PU foam without changing process and equipment, or CFC-113 as metal cleaner and solder- remover as well.

Category : HCFC

Chemical Name : 1,1-Dichloro-1-fluoroethane

Cas No : 1717-00-6

Lubricant : POE,MO

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R11

Category : CFC

Chemical Name : Trichlorofluoromethane

Cas No : 75-69-4

Lubricant : POE

Application: Large low pressure centrifugal chillers

Retrofitting: R-123 is being successfully used to retrofit R-11 chillers Retrofit jobs are usually done in cooperation with equipment manufacturers



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