



# Refrigerants, Lubricants & More

**Environmental Friendly**

REDUCING CARBON FOOTPRINTS

## Contact

For technical requests  
or quotes in your country,  
please contact :  
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## Additional Information

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**ISO STANDARD  
CERTIFIED**

ASHRAE 700 A+ USA





## AKMA : The benefits of fluorinated Gases

AKMA is the brand name of AKMA range of fluorinated gases, dedicated to the world of refrigeration & air conditioning. AKMA refrigerants have low toxicity as well as being low to non flammable products. AKMA refrigerants provide the balance between energy efficiency, safety & TEWI\*, in comparison to toxic (ammonia), flammable (hydrocarbon), or high pressure(CO2) alternative refrigerants. The AKMA range of products brings tailored options for high energy efficiency installations. AKMA is committed to developing innovative, next generation refrigerants to help reduce the total carbon footprints of refrigeration systems.



## AKMA : Safety & Environment Protection First

Safety & environment protection are AKMA first priorities at each step of the AKMA production. AKMA production facilities run according to the highest safety & environmental standards. AKMA engineering teams are continuously improving the AKMA production processes to maximize safe operation at the plants, to ensure the highest protection for the workers, and to reduce the impact on the environment. AKMA complies with the highest international standards in the field of occupational health & safety management (OHAS 1800) & environmental management (ISO 14001).



## AKMA : Reliability for Customers

AKMA long known expertise in fluorinated gases is dedicated to provide reliable solutions to AKMA users. Technical experts perform in depth research and analysis regarding materials compatibility, miscibility and stability with lubricants and thermodynamic data developments. Field tests are conducted in close collaboration with equipment manufacturers and installations owners. AKMA delivers value through field support, for both new technology development as well as safe and cost effective operation.





## The AKMA Solutions

The AKMA range is based on long term solutions dedicated to new installations, including a series of blends specifically developed for the conversion of existing installations. This conversions will postpone “end of life” when the original refrigerant is no longer available.

The AKMA refrigerant listing in the table below are used worldwide to service the major air conditioning & refrigeration markets. They are non toxic, non flammable products, meeting all industry specification requirements.

AKMA Refrigerants	ASHRAE	Air Conditioning	Medium Temperature Refrigeration
AKMA 134a	R-134a	Red	Red
AKMA 401A	R-410A	Red	Red
AKMA 407C	R-407C	Red	Grey
AKMA 404A	R-404A	Grey	Blue
AKMA 507A	R-507A	Grey	Blue
AKMA 407A	R-407A	Grey	Blue
AKMA 22	R-22	Dark Blue	Blue



## AKMA : Available Worldwide with a Warranty of Origin

AKMA delivers hundreds of tons of AKMA products worldwide, on a daily basis, in various packaging from full ISO tanks & rail cars to small disposable cans\* either directly or through authorized distributors. AKMA dedicated logistic teams bring their expertise in packaging, handling, storage & transport anywhere on the globe.

Buying AKMA gives our customer the guarantee of having a perfect track record of the product origin. With production facilities in three continents (Europe, America & Asia), AKMA fully integrated in the production of all the components for AKMA HFC blends.

AKMA manufacturing provides a worldwide commercial network dedicated to the customers.

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