



ERRECOM: AN ITALIAN COMPANY IS CONQUERING THE USA MARKET WITH THE BRAND NEW **ULTRA COLLECTION**

This year Errecom is taking part to AHR, one of the largest events dedicated to HVAC&R market worldwide.

As one of the world's leading air-conditioning and refrigeration chemical company, Errecom will participate at the expo in Chicago with a design booth where the main new products will be displayed and introduced on the market for the very first time.

Among all of them the Ultra collection stands definitely out: as a 3.0 version of our previous 42ml (1.4 fl.oz.) chemical solutions, these products are additives that solves different problems within the air conditioning and refrigeration systems with a dosage that has been definitely reduced.

Ultra Collection: find out more about our mission.

For five years our laboratories have been trying to transform most of our additives in technologies with a reduced quantity: we call them "ULTRA". The 6ml (0.20 fl.oz.) dose of an ULTRA additive has been studied to be used in all refrigeration and air conditioning systems up to 21 KW (6 tons). This is an innovation that represents a real turning point for OEMs and maintenance workers operating in the refrigeration and air conditioning sector: they can now intervene by adding more additives in the same circuit at the same time. This operation is not possible with the old generation additives, as their dosages do not allow it. Our mission is precise: to make plant maintenance easy, fast and as inexpensive as possible. ULTRA additives perfectly interpret the need to intervene on AC/R systems with more than one solution at a time.

Extreme Ultra and Cool-Shot Ultra are our pride.

Extreme Ultra and Cool-Shot Ultra are the solutions we have started the project with: these two have substituted our previous Extreme (AC/R refrigerant gas leak stop) and Cool-Shot (AC/R performance enhancer).

Let's introduce Extreme Ultra.

Corrosion, a not welded joint and other kind of problems often cause gas and its lubricants leaks in the air conditioning and refrigerant systems.



Extreme Ultra is an innovative solution designed in Errecom labs in order to repair these kind of leaks, by guaranteeing a complete, permanent and elastic endurance of the system.

ITS PLUSES ARE MANY:

- Its formulation is 100% safe: as a non-polymer liquid it does not react to air or humidity, avoiding any possible clogging;
- Extreme Ultra is safe even for the operator: the product is actually not dangerous at all. On the contrary, other solutions now on the market are defined as cancerous. Extreme Ultra is not;
- Errecom labs have projected a solution that can guarantee better performances even with less product in the system: Extreme Ultra innovative molecules allow to use a very small dosage of leak stop.

Let's introduce Cool-Shot Ultra

Cool-Shot Ultra is an additive that improves the performances of refrigerators and air conditioners, ensuring a very low energy consumption and a significant reduction of CO₂ emissions.

Oil Fouling causes many of the problems linked to the refrigeration and air conditioning systems, above all if they are pretty old.

Throughout the years, some oil remains settle on the walls of the refrigerant and air conditioning units. These stratifications obstruct the heat exchange process, by isolating the refrigerant gas and reducing the plant performances.

This causes an unavoidable decrease of the service and a consequent increase of the maintenance costs and CO₂ emissions (the system does not cool anymore -> the consumer needs to turn up its power -> electricity bill gets higher and even CO₂ does).

Cool-Shot Ultra has been designed in Errecom labs to improve the plant conditions, by giving it new life and performances: thanks to Cool-Shot Ultra air gets easily colder.

Analyzing some Errecom case-histories, we have some interesting data: -5°C very shortly, +76% of heat exchange, -20% of the plant energy consumption. The compressor lubricant increases its efficiency (+62%), and the unit gains +70/80% of lifetime.

By solving the Oil Fouling problem, Cool-Shot Ultra is a 100% ecological product: thanks to its usage



consumers can even save electricity and CO₂ emissions.

Further advantages are: reduction of the maintenance costs, decrease of vibrations and noise caused by the compressor. Cool-Shot Ultra acts without causing any chemical changes in the compressor lubricant and refrigerant gas. Furthermore it helps the refrigerant gas, as it works directly on the surfaces of the pipes, considerably increasing its performances.

FURTHER PLUSES:

- Its formulation is 100% safe: as a non-polymer liquid Cool-Shot Ultra does not react to air or humidity, avoiding any possible clogging;
- Cool-Shot Ultra is safe even for the operator: the product is actually not dangerous at all. On the contrary, other solutions now on the market are defined as cancerous.

References: a significant example:

Among the major buyers of this Errecom product are the names of Emirates Transport and the Dubai Police Department: these prominent Middle East market companies have actually signed an important agreement with Errecom for the supplying of Errecom's best-sellers.

In Dubai, where air conditioners work 365 days a year, in outdoor conditions that even reach 50 degrees Celsius during the summer months, Extreme Ultra and Cool-Shot Ultra proved to be real and effective solutions. The possibility of solving refrigerant gas leaks and restoring the conditions of an air conditioning system without necessarily intervening with big (and costly) operations was interpreted as a tremendous opportunity by the department.

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