

# Cool-Shot Ultra White

Additive to restore the original efficiency of refrigerators with hermetic compressors

## Product Description

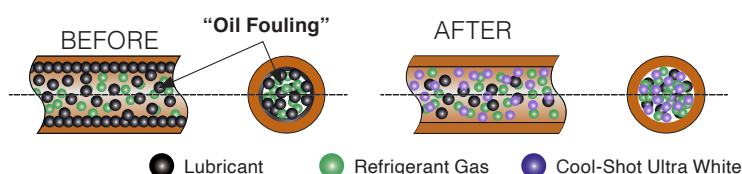


COOL-SHOT ULTRA WHITE is a synthetic catalyst that restores the original cooling temperature in hermetic compressors of refrigerators containing R600, R290, and R134a (domestic and industrial refrigerators, wine cellars, beverage vending machines, ice cream display cabinets, etc.).

### Oil Fouling

It is well known that inside a refrigerator, along with the refrigerant gas, fractions of lubricating oil from the compressor also circulate. These fractions tend to settle on the inside walls of the evaporator and condenser pipes, reducing:

- the heat exchange between the refrigerant gas and the pipes
- the diameter of the pipes
- the lubricating capacity of the oil
- the volume of lubricant in the compressor
- the efficiency of the system



COOL-SHOT ULTRA WHITE consists of two synthetic catalysts and a lubricating agent, and it has to be inserted through the low-pressure charging port. Once placed into the system, it starts to circulate, carried by the refrigerant gas and the compressor oil, removing oil residues from the system walls (oil fouling).

## Features

- It restores heat exchange in refrigeration lines.
- It reduces the system's energy consumption and CO<sub>2</sub> emissions.
- It increases the efficacy of the compressor lubricant and does not cause chemical changes.
- It does not alter the refrigerant gas.
- It doesn't contain polymers and does not react with moisture or oxygen.
- It is safe for system components and the operator.
- It extends compressor life and reduces its noise.
- Recommended to be used for preventive purposes.

## Benefits

### PREVENTIVE USE IN NEW REFRIGERATION SYSTEMS

- It prevents oil fouling from happening
- It keeps unchanged the efficiency of refrigeration systems

### RESOLUTION USE IN REFRIGERATION SYSTEMS ALREADY RUNNING

- It eliminates oil fouling, restoring the original efficiency of refrigeration systems.
- It restores heat exchange in refrigeration lines
- It reduces the energy consumption of the system

## Refrigeration System Application

1. Switch on the refrigeration system.
2. Connect the cartridge to the 1/4 SAE adapter and insert COOL SHOT ULTRA WHITE.
3. Leave the system running normally



## Refrigeration System Dosage

Use 6 mL/0.20 fl oz (the amount of product contained in a cartridge) for every 200 mL of compressor oil.

## Maximum dilution ratio allowed

The maximum dilution ratio allowed is 1:32 (1 cartridge per 32 parts compressor oil).

## Push&Fill Technology

- Available in three specific versions to be compatible with R600, R290, or R134a gases.
- Thanks to the pressure difference between the product and the refrigeration system, the insertion process is safe, easy, and quick.

## Adapters to insert the additive in refrigeration systems



FLEX HOSE ADAPTER

It is a flexible adapter that makes it easier to inject the additive into the system, especially when the low-pressure charging port is difficult to reach.

## Adapters for refrigeration systems



1/4 SAE

It is an adapter characterised by a black O-ring, 1/4 SAE thread, and a safety system to prevent refrigerant gas leaks. It has to be connected to the low-pressure charging port of refrigeration systems.

## Available Packaging

### Cartridge

Art.-Nr.	Adapters		
TR1181.AL.01.S2	No	30	5400
TR1181.AL.H4.S2	A + B (1/4 SAE)	30	5400



6 mL (0.20 fl oz) cartridge in cardboard box  
Counter display includes 30 cardboard boxes

### Push&Fill

compatible with: **R600**

Art.-Nr.	Adapters		
PF1188.Y.01.S2	No	25	5400
PF1188.Y.H4.S2	A + B (1/4 SAE)	25	5400

compatible with: **R290**

Art.-Nr.	Adapters		
PF1189.Y.01.S2	No	25	5400
PF1189.Y.H4.S2	A + B (1/4 SAE)	25	5400

compatible with: **R134a**

Art.-Nr.	Adapters		
PF1190.Y.01.S2	No	25	5400
PF1190.Y.H4.S2	A + B (1/4 SAE)	25	5400



6 mL (0.20 fl oz) can in cardboard box  
Counter display includes 25 cardboard boxes



Cartridges and adapters are made entirely of 100% recyclable plastic.  
Cardboard boxes and the counter display are made of 100% recyclable cardboard.

## Hazard statements - Cartridge

### Warning

**Hazard statements:** H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements:** P273 Avoid release to the environment.

**For Professional Use Only: use appropriate PPE. Read label instructions carefully**

## Hazard statements - R134a

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### Warning

**Hazard statements:** H229 Pressurized container: may burst if heated. H412 Harmful to aquatic life with long lasting effects..

**Precautionary statements:** P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P251 Do not pierce or burn, even after use. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

## Hazard statements - R290 - R600

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### Pericolo

**Hazard statements:** H222+H229 Extremely flammable aerosol. Pressurized container: may burst if heated. H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements:** P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

**For Professional Use Only: use appropriate PPE. Read label instructions carefully**