

# Antioxidant-Ultra

## Antioxidant and Anticorrosive Additive for Air Conditioning and Refrigeration Systems

### Product Description



ANTIOXIDANT-ULTRA is an additive that, introduced in AC/R systems, avoids and stops the oxidation process in metal components – like copper and aluminum. Therefore, the replacement of refrigerant gas and lubricant is postponed.

### Oxidation Problem

In AC/R Systems, after many hours of work, a process of oxidation of the metal components is triggered by the natural decay of the Refrigerant Gas and the additives present in the lubricant. The system thus remains unprotected.

### Features

- It avoids and stops the oxidation process in metal components (copper, aluminum).
- Significantly lengthens the replacement times of refrigerant gas and lubricant.
- Acts effectively even with highly stressed lubricants.
- It is compatible with all refrigerant gases including CFC, HFC and HCFC.
- It doesn't decrease the heat exchange capacity.
- It doesn't stop inside the anti-humidity filter.
- It doesn't damage the seals and internal parts of the system.
- It doesn't weaken the power of the system and does not alter its performance.
- Safe for the compressor.
- It circulates in the system carried by the refrigerant gas, without altering its characteristics.

### Benefits for use in new AC/R Systems

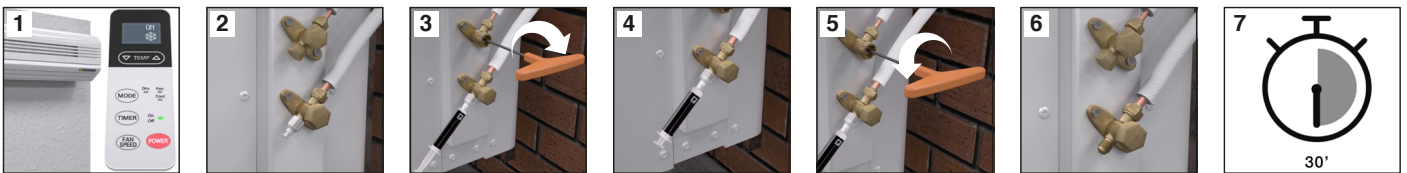
- It avoids the oxidation process of the metal parts of the system.
- It postpones the replacement of the refrigerant gas and lubricant..

### Benefits for use in working AC/R Systems

- It avoids the oxidation process of the metal parts of the system.
- It postpones the replacement of the refrigerant gas and lubricant.

### Application for Air Conditioning and Refrigeration Systems

1. Turn the air conditioner on and set the temperature to minimum.
2. Locate the air conditioner charging port and connect the adapter.
3. Connect the cartridge to the adapter and close the suction valve (pump down).
4. Inject ANTIOXIDANT-ULTRA into the system.
5. Re-open the suction valve.
6. Disconnect the cartridge from the external unit.
7. Keep the air conditioner on for at least 60 minutes.



### Doses for Air Conditioning and Refrigeration Systems

The 6ml (0.20 fl oz) cartridge is an optimal dose for systems up to 21 KW - 72000BTU/h - 6 TONS.

### Optimal dilution in the Compressor Oil

The 6ml (0.20 fl oz) cartridge is the optimal dose up to 700ml of Compressor Oil.

### Maximum Dilution Allowed in the Compressor Oil

The maximum permitted dilution is 1:125 (1 part of ANTI-OXIDANT every 125 parts of Compressor Oil).

## Adapters for the injection of additives in AC/R Systems



ADATTATORE FLEX HOSE  
(included)

Flexible adapter that facilitates the injection of the additive inside the system when the charging port is difficult to reach. (always included).

## Adapters for Air Conditioning and Refrigeration Systems



1/4 SAE

The adapter with black O-ring, 1/4 SAE thread and security system to prevent refrigerant gas leaks, to be connected to the low-pressure charging port of the Air Conditioning and Refrigeration system.



5/16 SAE

The adapter with green O-ring, 5/16 SAE thread and security system to prevent refrigerant gas leaks, to be connected to the low-pressure charging port of the Air conditioning and Refrigeration systems working with R410a or R32 refrigerant gas.

## Packaging



6ml (0.20 fl oz) cartridge in a carton box.  
Counter display with 30 carton boxes



6ml (0.20 fl oz)  
Cartridge in plastic clamshell packaging

Art.-Nr.			Descrizione			Art.-Nr.
TR1177.AL.01.S2	30	5400	Cartridge without adapters	1120	20	TR1177.AL.01
TR1177.AL.H4.S2	30	5400	Cartridge with 1/4 SAE adapter for AC/R system	1120	20	TR1177.AL.H4
TR1177.AL.H8.S2	30	5400	Cartridge with 5/16 SAE adapter for AC/R system	1120	20	TR1177.AL.H8
TR1177.AL.H3.S2	30	5400	Cartridge with 1/4 SAE and 5/16 SAE adapters for AC/R system	1120	20	TR1177.AL.H3



The cartridges, adapters and clamshells are completely plastic, recyclable 100%.  
The carton boxes and counter displays are made of cardboard, recyclable 100%.

## Hazard warnings



### Warning

**Hazard statements:** H319 Causes serious eye irritation.

**Precautionary statements:** PP280 Wear eye protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Contains:** 3-methoxypropylamine: May produce an allergic reaction.