



COOL | AIR
PRODUCTS

2020

AC/R
SMART
CHEMICAL SOLUTIONS

SOLUTIONS TO KEEP IT COOL

Cool Air Products has the safest, most innovative, and smartest solutions on the market. Cool Air Products was founded with the concept of manufacturing revolutionary products that serve markets globally. Our focus is on the customer and we thrive on providing supreme customer service that reacts quickly while introducing innovation. The owners have over 50 years of experience in the HVAC, plumbing, and wholesale distribution markets.

The SmartSeal formulas are the first proven polymer free sealants on the market tested by Intertek, a third-party firm. We have years of results and millions of leaks permanently sealed in the HVAC/R, mass transit, cold storage, shipping, appliance, and automotive markets. SmartSeal products install in seconds without any special tools. They will not react to air or moisture which ensures that TXV's, cap tubes, and pistons will never plug.

- **Proven and tested** - Years of performance, OEM tested and proven, and Intertek (third-party) tested.
- **Eco-Friendly** - All products are 100% green, non-toxic, non-flammable and safe to the touch. Packaging can be disposed of in recycling containers.
- **Saving time and money** - Multiple injection methods give the installer options based on preference and application.
- **Research and Development** - Continuous improvement based on R&D by our staff which include chemists and engineers.
- **Innovative** - We consistently look to the field to determine what is needed by the technicians for improvement.
- **Service and support** - We have sales and service support throughout the US and Canada. Our state-of-the-art order entry system accesses the inventory at our distribution center enabling prompt and accurate orders to ship out within 24 hours.



COOLAIR
PRODUCTS

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AC SMART SEAL

Changing the Perception of Sealants in the Industry

Effects of Polymers

The technology that differentiates AC SMART SEAL from the other sealants on the market is based on the principles of deposit and the physical-mechanical aggregation of molecules. Most of the leak stops on the US market make use of a technology of chemically active molecules that, due to the reaction with oxygen and/or moisture, solidify. Using this technology is a quick fix but it has four important factors to consider:

1. If best practice installation is not performed, then air and/or moisture can be introduced to the AC/R system.
2. If the product is not stored properly then a chemical reaction can occur inside the package making it unusable.
3. Though the ability to stop refrigerant gas leaks is soon inactivated and may fix the leak immediately it cannot be used as a preventive measure.
4. These kinds of molecules have limited elasticity. This makes fixing the problem difficult due to the continuous temperature changes and vibrations.

The technology behind the molecules used in our **AC SMARTSEAL** leak stop, is a chemical-mechanical solution. SMARTSEAL has micro-molecules, which are dissolved in the compressor lubricant that keep in touch with the refrigerant gas allowing the molecules to move around freely in the AC/R system. When an AC/R system is leaking and the refrigerant gas is released it drags the lubricant and the SMARTSEAL molecules, which begin to create and form a seal, stopping the leak. As the gas leak gradually decreases the extremely elastic AC SMARTSEAL molecules begin to aggregate, sealing the leak. The temperature and pressure changes caused by the normal operating activities of the AC/R system strengthen the seal.

The **AC SMARTSEAL** molecules are completely inert so they do not react with other additives that may be added, or already exist, in the AC/R system. The seal made with AC SMARTSEAL remains intact even during a complete system cleaning, both internal and external. It is not reactive therefore continues to circulate in the system acting as a preventive measure for future leaks. Lab test results prove that SMARTSEAL molecules increase the stability of the lubricant POE used in the AC/R system when they are combined. This considerably reduces the corrosion that the lubricant causes naturally and extends the life of the AC/R system.

UV Dyes

Problems caused by many Fluorescent UV dyes happen because the fluorescent molecule, which is a solid, is dissolved in solvents to become a liquid. The choice of using UV dyes that are dissolved in solvents consist of the following issues:

1. Solvents should not be injected into an AC/R system.
2. Solvent-based UV dyes use refrigerant gas to transport the fluorescent component in the AC/R system.
3. Like refrigerant gas, the solvent evaporates on the low-pressure side, and specifically in the expansion valve, causing a deposit of fluorescent molecules to obstruct and clog that valve.
4. Solvents corrode O-rings.
5. Solvents reduce lubrication and viscosity in an AC/R system.
6. Technicians will often ignore these risks.

Cool Air Products use a commercially solvent-free UV fluorescent dye that dissolve the solid fluorescent molecules in the lubricant. The technical term for this is liposoluble.

SMART SEAL 3-in-1 products contain fluorescent UV dye (solvent-free) that uses the lubricant of the AC/R system to transport the fluorescent dye. This prevents the system from clogging.

AC/SMARTSEAL QUICKSHOT™ is our newest technology that does not require pumping down the system. This innovative 3-in-1 product includes Sealant, Cool Enhancer and UV Dye. This 100% green product is non-flammable, non-toxic and SAFE for the user. This product **GUARANTEES** a permanent seal, making pinhole repairs safe and effective.

- Concentrated formula means less material in system.
- No need to pump down R-410A units
- Re-usable tool is user friendly and economical for multiple repairs
- Dose: 0.20 oz on systems up to 6 tons.



AC/SMARTSEAL QUICKSHOT™
Easy Inject Kit # 322 BP



AC/SMARTSEAL QUICKSHOT™
Refill Cartridge # 322



AC/SMARTSEAL QUICKSHOT™
Easy Inject Kit # 323



Multiple injection methods are quick, simple, and safe for the user.

AC SMARTSEAL™ EXTERNAL

AC/SMARTSEAL EXTERNAL™ is a leak stop suitable for any material and does not react to temperature changes.

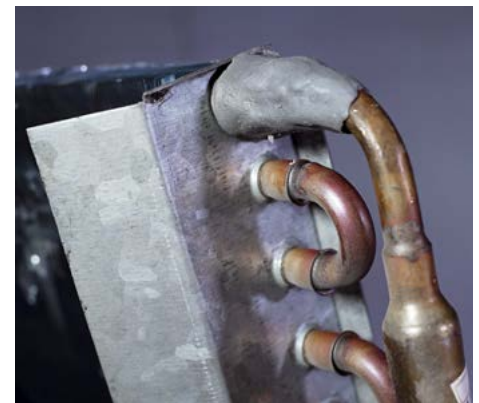
AC/SMART SEAL EXTERNAL™ can be easily applied by using fingers. Once it is applied it becomes a permanent seal.

- Effectively seals leaks up to 5mm and 825 psi
- Suitable to apply to any material
- Inert to all lubricants and refrigerant gases
- No flame, no mess to the permanent seal
- Will last 12-15 years

AC/SMART SEAL EXTERNAL™ is resistant to normal flushing liquids. It also resists temperatures from -148 ° F to+ 520 ° F. The pressure resistance depends on the size of the loss:

- 580 psi- 5 mm leak diameter
- 725 psi- 2 mm leak diameter
- 825 psi- 1 mm leak diameter

AC/SMART SEAL EXTERNAL™ can be easily mixed using two fingers. Once applied the leak is sealed. It is ideal for emergencies and does not disperse any residue into the system. **AC/SMART SEAL EXTERNAL™** can be easily removed if needed. Once the seal dry it can be sanded and refinished. **AC/SMART SEAL EXTERNAL™** usage can be combined with **AC/SMART SEAL™**. The operator can first seal the larger leak from the outside using **SMART SEAL EXTERNAL™** and then complete the sealing process from the inside with **AC/SMART SEAL™**. The two products are not only compatible, they synergetic when combined.



AC/SMARTSEAL EXTERNAL™
Counter Display Unit
Product # 210 Case

AC/SMARTSEAL EXTERNAL™
Individual Cartridge
Product # 210

FIX QUICK

FixQuick™ is the new, ultra-fast leak stop by Errecom specifically formulated to repair leaks in 20 seconds (up to 1 mm in diameter) on flat or curved surfaces. It guarantees a seal up to 725 PSI and 480° F. It can be used on the metal and plastic components of an AC/R system. Its fluorescent formulation easily allows you to check the status of the current repair using a UV lamp and it also identifies any previous repairs.



Features

- Formula Step1+Step2+Step1= easy to use
- 20 seconds to repair the leak that can withstand a pressure of 290 PSI
- 20 minutes to repair the leak that can withstand a pressure of 725PSI
- It resists up to 480°F
- It is visible with UV lamp.



Art.-Nr. S
TR1180.01.USA
**31,50x47,25xH78,75 inch. (80x120xH200 cm)



AC SMARTSHOT™

COOL ENHANCER

AC/SMARTSHOT COOL ENHANCER™ is a performance enhancer composed of two catalysts and a lubricating agent, which enable the AC/R to work at maximum efficiency



BENEFITS

- Brings back the effectiveness of the AC/R system to its original condition
- Improves coil heat transfer up to 70%
- Increases cooling capacity by 20-30%
- Produces colder air – Up to 5°F
- In heat-pump mode produces hotter air – Up to 5°F
- Increases the lubricity of compressor lubricant up to 54%
- Dissolves sludge buildup on bearing and valve surfaces
- Reduces CO2 emission
- Reduces compressor vibration and noise
- Extends life of system by 20-50%
- Visible to any UV light



AC/SMARTSHOT COOL ENHANCER™
Product # 410



Multiple injection methods are quick, simple, and safe for the user.

NO ACID ULTRA

No-Acid Ultra

Acid Neutralizer Additive

NO-ACID ULTRA is a neutralizer able to completely eliminate residues of acid in AC/R systems to prevent compressor burnout.

How does it work?

The chemical ingredients of NO-ACID ULTRA bond to the residues of acid present in the system and eliminate them. These residues might be caused by refrigerant gas or lubricant breakdown, moisture and compressor burnout. Once introduced inside the system NO-ACID ULTRA prevents the formation of acid.

Benefits:

- ✓ 6 mL advanced formula, less product in the system.
- ✓ It completely eliminates acid in vehicle A/C systems.
- ✓ It neutralises possible acid residues caused by compressor burnout.
- ✓ Safe for system components.
- ✓ Ideal for preventative maintenance; fast and immediate effect.

Dosis:

6 mL DOSE	
LUBRICANT pH	LUBRICANT MAX QUANTITY
pH ≥ 6.8	2L
6.8 ≥ pH ≥ 5.2	1,5 L
pH ≤ 5.2	0,70 L

CartridGe TECHNOLOGY:

- ✓ Compatible with all refrigerant gases, including CFC, HFC, HCFC, R32 and HFO.



NO-ACID
Product #1175

CartridGe
TECHNOLOGY

Not compatible with R717 (ammonia)



intertek
Total Quality. Assured.

CartridGe TECHNOLOGY:

Art.-Nr.	Adapters	€		
TR1175.AL.01.S2	No	-	30	5400
TR1175.AL.H4.S2	A + B (1/4 SAE)	-	30	5400

ADAPTERS



ACID-TEST

Acid-Test

Test to verify the presence of acid in AC/R Compressors Lubricant

ACID-TEST is an essential product to locate the presence and the formation of acid inside AC/R systems. The use of ACID-TEST is a very important step in a regular preventative maintenance and provides a fast and accurate method to detect the presence of acid into compressor oils.

How does it work?

ACID-TEST contains chemical ingredients that react when in contact with acidity, changing their color and indicating the nominal pH level of compressor oil.

Benefits:

✓ It works with all lubricants (POE - ABZ - PAO - PAG - PVE - Mineral). ✓ Accurate results in seconds. ✓ Easy to use. ✓ Biodegradable. ✓ Non-flammable. ✓ Non-toxic. ✓ Non-hazardous. ✓ **The box contains 4 TESTS.**



Art.-Nr.	€	📦	📦
RK1349.S1	-	12	2160



SUPER-DRY ULTRA

Super-Dry Ultra

Anti-Moisture Additive

SUPER-DRY ULTRA is a dehydrating additive able to prevent the formation of moisture in AC/R Systems.

How does it work?

SUPER-DRY ULTRA contains special chemical components that stabilize the lubricant and prevent the creation of moisture in AC/R Systems.

Benefits:

- ✓ 6 mL advanced formula, less product in the System.
- ✓ 6 mL up to 21 KW or 700 mL compressor oil
- ✓ It eliminates definitively the AC/R systems moisture.
- ✓ Safe for all gaskets and internal AC/R system components.
- ✓ It does not affect the power and the performance of the system.
- ✓ It helps preventing the formation of acid.
- ✓ Methanol and solid particles free.
- ✓ Safe for compressor.
- ✓ Once introduced into the AC/R systems, it circulates conveyed from the refrigerant gas without affecting its features.

CartridGe TECHNOLOGY:

- ✓ Compatible with all Refrigerant Gases, including CFC, HFC, HCFC, R32 and HFO.



CartridGe
TECHNOLOGY

Not compatible with R717 (ammonia)



CartridGe TECHNOLOGY:

Art.-Nr.	Adapters	€	👤	👤
TR1174.AL.01.S2	No	-	30	5400
TR1174.AL.H4.S2	A + B (1/4 SAE)	-	30	5400
TR1174.AL.H8.S2	A + C (5/16 SAE)	-	30	5400
TR1174.AL.H3.S2	A + B + C (1/4 SAE + 5/16 SAE)	-	30	5400

ADAPTERS



Ⓐ FLEX HOSE

Ⓑ 1/4 SAE

Ⓒ 5/16 SAE

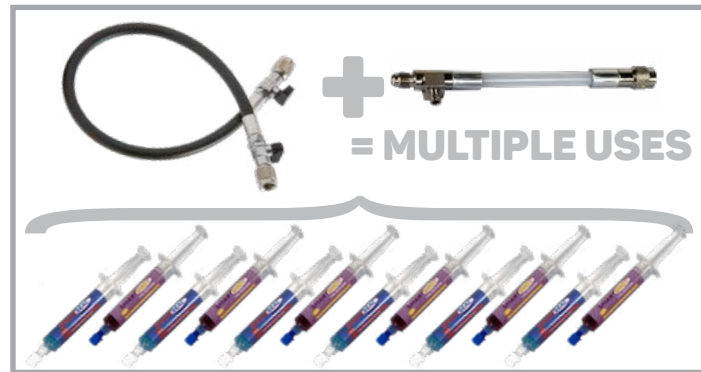
HOSES AND ACCESSORIES

Our universal **Smart Adapter Hose** allows for a quick injection without the use of manifolds.

- Quick connection
- Keep your tools in the truck
- High quality brass, valves, and hose
- REUSABLE

The biggest cost factor in manufacturing an injectable product is in the injector, and our competitors have you throw this away after one use! The savings with our re-usable tool start at 50% and multiply for every use. Our injector can be used with the manifolds or the Smart Adapter Hose.

The Smart Adapter Hose and Quick Injection Tool are backed by an extensive warranty and will be replaced free of charge if there are any issues. Just call us and we will ship a replacement same day.



QUICK ADAPTERS

For pressure up to 130 psi. (No caulk gun or special tool required).



FLEX HOSE ADAPTER

For use with Quick Adapters in tight spaces.



REUSABLE INJECTOR HOSE

For higher system pressures.



SMART ADAPTER HOSE

Allows for easy injection without use of manifold gauges.



MAKE THE SMART CHOICE

	COOL AIR PRODUCTS AC SMART SEAL QUICK SHOT		RECTORSEAL AC LEAK FREEZE PRO		NU CALGON EASY SEAL DIRECT INJECT		CLIPLIGHT SUPER SEAL FLEX INJECT	
Easy installation method	YES	✓	YES	✓	YES	✓	YES	✓
Flammable	NO	✓	NO	✓	YES	✗	YES	✗
Required Hazard Pictograms	NONE	✓	NONE	✓		✗		✗
Required signal word	NONE	✓	NONE	✓	WARNING	✗	WARNING	✗
POLYMER FREE	YES	✓	YES	✓	NO	✗	NO	✗
React to Moisture or Air	NO	✓	NO	✓	YES	✗	YES	✗
Chemical reaction to seal link	NO	✓	NO	✓	YES	✗	YES	✗
Ingredients per OSHA Hazard Communications Standard 29 CFR 1910.1200	NONE	✓	NONE	✓	Triethoxy(vinyl) silane	✗	Triethylorthoformate	✗
					Ethanol	✗	Triethoxy(vinyl) silane	✗
					Toluene	✗	N-(3(trimethoxysilylpropyl) ethylenediamine)	✗
					-		Trimethoxy(methyl) silane	✗
Oxidizing properties	NOT AN OXIDIZER	✓	NOT AN OXIDIZER	✓	NO DATA AVAILABLE	✗	NO DATA AVAILABLE	✗
UV Dye	YES	✓	NO	✗	NO	✗	NO	✗
Reduces Compressor Noise	YES	✓	NO	✗	NO	✗	NO	✗
Reusable	YES	✓	NO	✗	NO	✗	NO	✗
Patent	PATENT PENDING	✓	NO	✗	NO	✗	PATENT PENDING	✓
Doses	0.2 fl. oz up to 6 TONS		1.5 fl. oz up to 6 TONS		0.1 fl. oz up to 5 TONS		0.3 fl. oz up to 6 TONS	
Flash Point	392°F (200°C)		320°F (160°C)		100.0°F (37.8°C)		86°F (30°C)	
Form	LIQUID		LIQUID		LIQUID		LIQUID	
Color	LIGHT BLUE		BLUE		SLIGHT GREEN		CLEAR BLUE	

Hazard Communication Standard Pictogram

As of June 1, 2015, the Hazard Communication Standard (HCS) will require pictograms on labels to alert users of the chemical hazards to which they may be exposed. Each pictogram consists of a symbol on a white background framed within a red border and represents a distinct hazard(s). The pictogram on the label is determined by the chemical hazard classification.

Health Hazard



- Carcinogen
- Mutagenicity
- Reproductive Toxicity
- Respiratory Sensitizer
- Target Organ Toxicity
- Aspiration Toxicity

Flame



- Carcinogen
- Mutagenicity
- Reproductive Toxicity
- Respiratory Sensitizer
- Target Organ Toxicity
- Aspiration Toxicity

Exclamation Mark



- Irritant (skin and eye)
- Skin Sensitizer
- Acute Toxicity (harmful)
- Narcotic Effects
- Respiratory Tract Irritant
- Hazardous to Ozone Layer (Non-Mandatory)

WHY CHOOSE SMART SEAL?

- ✓ POLYMER FREE
- ✓ UV DYE
- ✓ COMPRESSOR NOISE REDUCTION

ONLY 0.20 fl. oz UP TO 6 TONS



A black and white photograph of a technician inspecting an AC/R system. The technician is on the left, looking into the open panel of the unit. They are holding a flashlight in their right hand, which is directed towards the internal components. The interior of the unit shows various pipes, wires, and electrical components. The lighting is dramatic, with the flashlight providing the primary light source, creating strong highlights and deep shadows.

REFRIGERANT GAS LEAKS DETECTION IN AC/R SYSTEMS

BRILLIANT

Fluorescent UV Leak Detector Dye for A/C and Refrigeration Systems

BRILLIANT is a fluorescent UV Leak Detector Dye that provides safe, fast and precise detection of small Refrigerant Gas leaks from A/C and Refrigeration Systems.

BRILLIANT injected into AC/R System will fluoresce under illumination with a UV lamp wherever there is a refrigerant leak.

BENEFITS

- Precisely locate Refrigerant Gas Leaks
- Solvent-free
- Visible to any UV Light
- Ideal for preventative purposes
- Advice Stickers
- Will not clog AC/R or Recovery System
- Compatible with all Refrigerant Gases, including CFC, HFC and HCFC, R32, R1234yf.



BRILLIANT
Product # TR1058.01.P1
1/4 oz (7.5 mL) - 12 CARTRIDGES

BEST BUBBLES FLUO

Fluorescent Micro Leak Detector

BEST BUBBLES FLUO is a fast and easy solution to identify leaks in refrigerant lines and components of refrigeration and air-conditioning systems, even in situations of limited visibility becoming fluorescent when exposed to UV Light.

BEST BUBBLES FLUO should be sprayed close to the leak point; thanks to its special formulation, it adheres to surfaces ensuring immediate identification of the leak through the formation of a large and thick bubble, that when exposed to UV Light becomes fluorescent.

BENEFITS

- Ready to use
- Operating temperature -104°F to 176°F (-40°C to 80°C)
- Great power of adherence to surfaces
- Visible when exposed to any UV Light.



BEST BUBBLES FLUO
Product # TR1161.K.01
34 oz (1 Liter) Bottle with Dispenser

BRILLIANT REMOVER

Fluorescent UV Dyes Remover

BRILLIANT REMOVER is a cleaner to remove any trace of leak detector dye.

BRILLIANT REMOVER must be directly sprayed on the residues of leak detector dye; thanks to its special formulation, it removes any trace.

BENEFITS Avoids any subsequent false localization of leaks.



BRILLIANT REMOVER
Product # TR1108.K.01
34 fl oz (1 Liter) Spray Bottle

STOP HEAT

SOLDERING HEAT BARRIERS



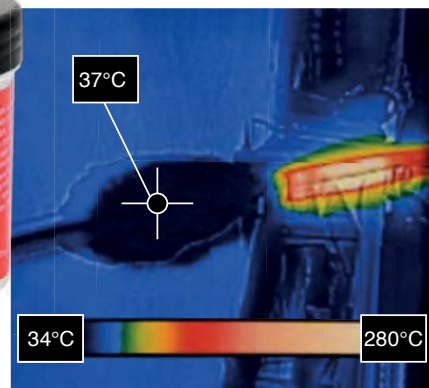
Stop-Heat

Anti-Heat PASTE for Soldering

During soldering and brazing operations, STOP-HEAT blocks the heat conduction, protecting surfaces and preventing areas surrounding the welding point from burning or deforming. Its formula in paste adheres without dripping, slipping or leaving residues, protecting also the painted and varnished surfaces by color changes.

Benefits:

✓ Re-usable up to 40 times. ✓ Easy to use. ✓ Safe and non-toxic. It absorbs the heat emanated from the soldering or brazing torch, preventing the areas surrounding the welding point from burning or deforming. ✓ It protects components and materials during soldering to avoid expensive damages caused by heat. ✓ It does not drip or slip.



Art.-Nr.	Description	€	12	24
TR1173.01	500gr Jar	-	12	-

PROTECT GEL

Protect Gel

Anti-Heat GEL for Soldering

PROTECT GEL is a special product in gel formulated to protect the surfaces surrounding the point of contact of the flame during welding or brazing operations.



Benefits:

✓ Easy to use. ✓ Safe and non-toxic. ✓ It absorbs the heat from the welding or soldering

torch avoiding the areas surrounding the affected point to burn or deform. ✓ It protects components and materials during welding operations to avoid costly damages caused by

heat. ✓ It protects painted and varnished surfaces by the colour change due to the heat of the welding torch. ✓ Gel formula adheres to the surface to be protected without drip, stain or leave residue.



Art.-Nr.	Description	€		
TR1141.K.01	1 Liter Bottle with triggers	-	06	570

SHIELD-IT H2O

Shield-It H₂O


Water based Protective Barrier Spray for Soldering - Non-Flammable

SHIELD-IT H₂O is a water based product in aerosol can to be used as protective solution for the treated soldering area. By forming a protective shield, SHIELD-IT H₂O prevents drops or welding splashes from sticking out of various metals and materials close to the soldering area, also allowing the easy removal of soldering residues. Its water based formula characterizes SHIELD-IT H₂O as a non-aggressive product for the operator. SHIELD-IT H₂O can be used in combination with Protect Gel (which avoids burns of all the materials close to the soldering area and reduces the heat exchange).

Benefits:

✓ Easy to use. Non-flammable. ✓ Safe for the operator. ✓ Useful as a temporary protection against weld splatters. ✓ Easy removable with a cloth.



Art.-Nr.	Description	€		
TR1164.N.01	400 mL Aerosol Can	-	12	1344



**PURIFYING TREATMENTS
FOR INTERIORS**

UNIVERSAL NANO CLEANER





Universal Nano Cleaner

Universal Alkaline Cleaner for Air Conditioners

UNIVERSAL NANO CLEANER is a regenerating, perfumed, fast-acting alkaline cleaner. Removes organic residues and accumulated dirt, avoiding its reappearance. Nonaggressive for surfaces. Can be used frequently to maintain system efficiency. UNIVERSAL NANO CLEANER can be diluted with water up to 1: 6 depending on the type of dirt to be removed. The more concentrated the product is used, the more effective it will be.

Benefits:

✓ If used pure is ideal for cleaning the condenser. ✓ Thanks to the special trigger can be applied in both forms -foamy and liquid. ✓ Suitable for the HACCP plan.

Art.-Nr.	Description	€		
AB1105.K.01	1 Litter Bottle	-	06	570
AB1105.P.01	5 Liter Tank	-	02	168
AB1105.D.01	10 Liter Tank	-	01	48



SWORD





Sword

Scented Revitalizing Cleaner for Evaporators

SWORD is a regenerative and perfumed fast-acting treatment. It has an intense purifying action protecting surfaces from corrosion and ensuring a complete maintenance of the indoor units. SWORD is not aggressive for the surfaces and can be used frequently to maintain the efficiency of the air conditioning system. It is safe for the operator and leaves a pleasant fresh fragrance in the air. Depending on the type and level of the filth, SWORD is dilutable with water up to 1:3. The more concentrated the product is used, the more effective it will be.

Benefits:

✓ Specifically designed for evaporator cleaning. ✓ Intense purifying and reconditioning action. ✓ Suitable for the HACCP plan.

Art.-Nr.	Description	€		
AB1074.K.01	1 Litre Bottle	-	06	570
AB1074.P.01	5 Litres Tank	-	02	168
AB1074.D.01	10 Litres Tank	-	01	48



CHINOOK



FILTER CLEANING

Indoor unit filters are the main receptacle of dust, grease and contaminating particles. If not properly eliminated they are reintroduced into the environment by the air conditioning system together with the cool or hot air. To grant healthy air, filter cleaning is highly recommended.



Chinook

Indoor Units Filter Cleaner

CHINOOK is a cleaner specifically designed for cleaning filters of any type of indoor unit. Non aggressive and safe for system components and the operator. Thanks to its rapid and extremely effective application, it guarantees a deep action. Chinook easily removes smog, dust and mold, as well as microbial contaminants. Has a pleasant fragrance and is ready to use (therefore it does not need to be diluted).

Benefits:

- ✓ It easily removes smog, dust, mold and microbial contaminants.
- ✓ It removes the causes of bad odors.
- ✓ It removes dirt that water cannot remove.
- ✓ It suitable for the HACCP plan.

Art.-Nr.	€		
AB1077.K.01	-	06	570

PH7 CLEANER





PH7 Cleaner

Non-Aggressive Cleaner for Air Conditioners

PH7 CLEANER is a delicate and ready to use broad spectrum cleaner. Its special formulation allows the pH balance to work both on the grease and salt layer. Thanks to this technology PH7 CLEANER can adapt and clean every type of surface. Its rapid action allows it to act effectively and deeply on incrustations, grease and organic debris. Easy to remove once rinsed. Neutralizes any type of unpleasant odor from evaporators.

Benefits:

✓ Non aggressive due to its neutral pH. ✓ Removes odors and releases a pleasant clean smell. ✓ Thanks to the special trigger can be applied in both forms -foamy and liquid. ✓ Suitable for the HACCP plan.

Art.-Nr.	Description	€		
AB1219.K.01	1 Liter Bottle	-	06	570
AB1219.P.01	5 Liter Tank	-	02	168
AB1219.D.01	10 Liter Tank	-	01	48

SANIBACT

SaniBact



Concentrated Disinfectant with Bactericide and Virucidal Efficacy

SANIBACT is a disinfectant Presidio Medico Chirurgico, specifically developed for the cleaning of evaporators, ventilation channels and any surface where a deeper level of disinfection is needed. SANIBACT is a highly concentrated product: it requires a dilution 1:25. To have more effective result, the product can be used pure, thanks to the special 1L packaging with trigger. ATTENTION: do not use concentrated SANIBACT on surfaces in contact with food. It is effective against the following viruses: Influenza, Hepatitis B/C, HIV, Rota viruses, Noro virus, and Ebola Virus. Concerning the bacteria, SaniBact passes the tests EN1276 EN 13697. For molds, it passes the EN13697 test.

Applications: Hospitals, nursing homes, doctors' offices, clinics, schools, sports facilities, wellness centers, butchers, confectionery, bakeries, cafes and restaurants, ice cream parlors, hotels, allMintry processing industries.

Benefits:

✓ It can be applied both in liquid and foamy form thanks to the special trigger.
 ✓ Highly efficient purifier which guarantees the highest level of hygiene during the cleaning process. ✓ The product does not release odors nor residues either.
 ✓ Its disinfectant action acts in just 5 minutes, allowing a very deep and rapid result. ✓ Suitable for the HACCP plan.



Art.-Nr.	Description	€		
AB1085.K.01	1 Liter Bottle	-	06	570
AB1085.P.01	5 Liter Tank	-	02	168
AB1085.D.01	10 Liter Tank	-	01	48



DRAIN TABS

Drain Tabs



Tablets for Condensate Drain in Split and Fan-Coil

DRAIN TABS is a product specifically developed for the use inside Fan-Coils and condensate collection trays. It prevents and eliminates the putrefaction process and the formation of algae, mucilage, slime and moulds that risk to clog and block condensate drainpipes of A/C systems.

It is enough to place the tab inside the condensate drain duct of the fan-coil or inside the condensate collection tray of the split in the farthest point from the drainage discharge. The efficacy of the treatment depends on the use of the A/C system, but it is normally of 1 or 2 tablets every 15/20 days for units up to 12.000 Btu/H (3 KW - 1 TONS).

Benefits:

- ✓ Prevents the phenomenon of condensation rotting.
- ✓ Prevents the formation of algae, mucilages and molds.
- ✓ Prevents the occlusion of condensate drainpipes.

Art.-Nr.	Description	€		
AB1097.01.JA	18 Tablets	-	12	-



EMERALD TABS

Emerald Tabs



Biodegradable Tablets for Condensate Drain in Split and Fan-Coil

EMERALD TABS is a product specifically developed in order to avoid the formation of contaminants due to water stagnancy inside the A/C system. Thanks to their high biodegradability level (more than 99%), EMERALD TABS prevent and eliminate the putrefaction process and the formation of algae, mucilage, slime and moulds that risk to clog and block the condensate drainpipes of A/C systems without affecting and impacting the environment. The product is available also in format MINI. Thanks to this they are suitable for all types of A/C systems.

A monthly usage of Emerald Tabs is highly recommended.

Benefits:

- ✓ High biodegradability level (over 99%) prevents pollution and the environment impact.
- ✓ Prevents the phenomenon of condensation rotting.
- ✓ Prevents the formation of algae, mucilages and molds.
- ✓ Prevents the occlusion of condensate drainpipes.

Art.-Nr.	Description	€		
AB1099.01.JA	18 Tablets (8 g each)	-	12	-
AB1098.01	100 Mini Tablets (2.5 g each)	-	-	-





3 re-sealable and interchangeable bags



Designed and tested
for **acid and alkaline**
cleaners use

JET GUN

Jet Gun

Jet Cleaning Machine for A/C Units

JET GUN is a practical portable pressure water jet machine with shoulder strap specifically designed and tested to be used indifferently with acid, alkaline cleaners and water for cleaning indoor and outdoor air conditioner units. The 3 re-sealable bags - supplied with the bag - can be filled with acid or alkaline cleaners or water and can be used and interchanged quickly according to the desired application.

JET GUN works with approx rechargeable battery that allows uninterrupted use for 30 minutes. Thanks to the 6 BAR pressure (85psi) JET GUN increases the cleansing power of the cleaners without damaging the finned batteries of the evaporator and condenser units. Adjustable spray tip converts from steam to mist.

Features :

Up to **30 min's** run time on battery
Battery features: 12 V-2200 mAh lead rechargeable battery
Working pressure: 6 BAR (85 psi)
Hose lenght: 290 cm

It includes:

Battery charger 110-220 V
3 re-sealable and interchangeable 9 L bags for cleaners and water
Adjustable spray tip converts from steam to mist.



Art.-Nr.  
VP1050.01 01 -



***Warning:** Insert the cleaner **after** filling the bag with water.

ULTRA

Ultra Cleaning TECHNOLOGY

Acid Ultra, Alkaline Ultra and Evo Ultra are pure active substances specifically designed and formulated to dilute with water and used to clean AC/R Evaporators and Condensers.

Their formula allows to create eco-friendly products, as the quantity of plastic that should be used to contain the traditional concentrated cleaners has been removed, reducing the impact on the ecosystem.

Indeed, Acid Ultra, Alkaline Ultra and Evo Ultra are packed in 250 mL glass bottles to create 5L of cleaner, which removes even the most stubborn dirt. The optimal recommended dilution is 50 mL per liter of water.

The supplied dispenser allows to obtain the desired quantity of cleaner with the precision that a so performing chemical product needs, without diluting the whole product in a single solution.

The extraordinary formula of these active substances allows us to overcome the limits of water hardness. In fact, these products can be diluted with any type of water, including very hard ones and do not leave any residue on the surfaces.



AU Acid Ultra

Acid Cleaner for Condensers

ACID ULTRA is an active substances formula that diluted with water create an ultimate powerful acid cleaner for condenser, which descales even the most stubborn deposits (rust, salt deposits) restoring the efficiency of the condenser heat exchange.

Art.-Nr.	€		
AB1222.Q.S1	-	24	-



AU Alkaline Ultra

Alkaline Cleaner for Condensers

ALKALINE ULTRA is an active substances formula that diluted with water create an ultimate powerful alkaline cleaner for condenser which can effectively degreases surfaces by removing even the most stubborn deposits of organic residues, grease, dust, pollen and smog.

Art.-Nr.	€		
AB1223.Q.S1	-	24	-



EU Evo Ultra

Evaporators Cleaner

EVO ULTRA is an active substances formula that diluted with water create an ultimate powerful cleaner for evaporators, which can effectively clean the surfaces by removing even the most stubborn deposits of organic residues, grease and incrustations.

Art.-Nr.	€		
AB1225.Q.S1	-	24	-



CLEANERS



Nano Alkaline Cleaner


Concentrated Alkaline Cleaner for Air Conditioners

NANO ALKALINE CLEANER is an alkaline condenser cleaner that, thanks to its formulation, effectively degreases surfaces by removing even the most stubborn deposits of organic residues, grease, dust, pollen and smog. NANO ALKALINE CLEANER can be diluted with water up to 1: 8 depending on the type of dirt to be removed. The more concentrated the product is used, the more effective it will be. It is recommended to avoid contact with varnished parts.

Benefits:

✓ Specifically designed for condenser cleaning. ✓ Ideal for restoring the efficiency of the condenser heat exchange. ✓ Removes stubborn organic residues: grease, dust, pollen and smog. ✓ Thanks to the special trigger can be applied in both foamy and liquid form.



Art.-Nr.	Description	€		
AB1106.K.01	1 Liter Spray Bottle	-	06	570
AB1106.P.01	5 Liter Tank	-	02	168
AB1106.D.01	10 Liter Tank	-	01	48



Nano Acid Cleaner

Concentrated Acid Cleaner for Air Conditioners


NANO ACID CLEANER is an acid condenser cleaner that, thanks to its formulation, effectively descales the treated surface, removing the most stubborn deposits. It is particularly suitable for dissolving the dirt deposited in the cracks of the finned batteries.

Nano acid cleaner can be diluted with water up to 1: 8 depending on the type of scale to be removed. The more concentrated the product is used, the more effective it will be. It is recommended to avoid contact with varnished parts. Rinse thoroughly.

Benefits:

✓ Specifically designed for condenser cleaning. ✓ Ideal for restoring the efficiency of the condenser heat exchange. ✓ Removes the most stubborn incrustations. ✓ Thanks to the special trigger can be applied in both foamy and liquid form.



Art.-Nr.	Description	€		
AB1107.K.01	1 Liter Spray Bottle	-	06	570
AB1107.P.01	5 Liter Tank	-	02	168
AB1107.D.01	10 Liter Tank	-	01	48



Chisel

Alkaline Condenser Cleaner with Anticorrosion Action



CHISEL is a high-performance alkaline cleaner formulated for cleaning condensers that need an intense descaling action. Its strongly alkaline composition allows CHISEL to act like an acid by removing stubborn dirty of saline origin, but it is safer for the system components. The anticorrosive component contained in CHISEL prevents the creation of new points of corrosion. It is the ideal product for neglected systems or subject to strong environmental aggression. It can be used frequently to maintain the efficiency of the air conditioning system.

It can be diluted with water up to 1:3 depending on the type of dirt to remove. The more concentrated the product is, the more effective it will be.

Benefits:

✓ Particularly suitable for restoring neglected implants. ✓ Suitable for applications in very aggressive environments. ✓ It has an anticorrosive action.



Art.-Nr.	Description	€		
AB1070.K.01	1 Liter Spray Bottle	-	06	570
AB1070.P.01	5 Liter Tank	-	02	168
AB1070.D.01	10 Liter Tank	-	01	48



TABS

Tab Cleaning

TECHNOLOGY

With a 20 grams tablet dissolved in water we create 5 L of non-aggressive detergent for frequent use to clean evaporators and condensers. For more resistant dirt it is recommended to dissolve 2-3 Tabs in 5 liters of water thus obtaining a cleaner with greater cleaning power but equally delicate and non-aggressive. Tabs can be dissolved in any kind of water, regardless of its hardness: their formulation in fact eliminates excess limestone and leaves no streaks. The cleaner obtained can be dispensed with any usual way of application including spray pumps.

Benefits:

PERFORMANCE: gentle cleaner for frequent use.

SPACE and WEIGHT: 20g to obtain 5L of cleaner directly at the working place.



ET Evo Tabs

Purifying Cleaner in Tablets for Evaporators

EVO TABS generates a cleaner for evaporators which has good purifying action, removes non-excessive filth and leaves a fresh scent.



Art.-Nr.	€		
AB1089.01.JA	-	12	-

AU Acid Tabs

Acid Cleaner in Tablets for Condensers

ACID TABS is an acid cleaner for condensers with degreasing and descaling effect, which removes limestone and saline excesses (smog, excrement etc), releasing a pleasant fresh smell. It does not damage plastic materials and surfaces. It is recommended for all those condensers located in marine or highly polluted areas that are frequently cleaned.



Art.-Nr.	€		
AB1102.01.JA	-	12	-



AU Alkaline Tabs

Alkaline Cleaner in Tablets for Condensers

ALKALINE TABS is a gentle and non-aggressive alkaline cleaner for condensers that removes non-excessive dirt and releases a pleasant fresh smell. It does not damage plastic materials and surfaces.



Art.-Nr.	€		
AB1221.01.JA	-	12	-

NO-AGE

ANTICORROSIVE TREATMENTS



No-Age

Protective-Anticorrosive Treatment for External Units



NO-AGE is a protective treatment, designed for all those systems that are exposed in highly oxidizing environments (seaside, heavily polluted sites) where salt and acid rain reduce significantly the condenser life.

Once you have cleaned the condenser with acid or alkaline cleaners, spray NO-AGE directly on it: this solution generates a microfilm that does not limit the heat exchange of the condenser, but reduces the ability of dirt (such as salt and smog) to cling to the surfaces, protecting the metals thanks to an anticorrosive barrier.

Benefits:

- ✓ Extends the condenser life.



Art.-Nr.	Description	€		
AB1100.K.01	1 Liter Spray Bottle	-	06	570
AB1100.P.01	5 Liter Tank	-	02	168
AB1100.D.01	10 Liter Tank	-	01	48

NO-AGE



No-Age Plus

Anticorrosive Protective Spray Treatment for AC/R systems



NO-AGE PLUS is an anticorrosive and antioxidant treatment. It is formulated to be applied on the finned batteries of the indoor units (especially if they are in particularly oxidizing environments), condensers and covers of external units after cleaning operations.

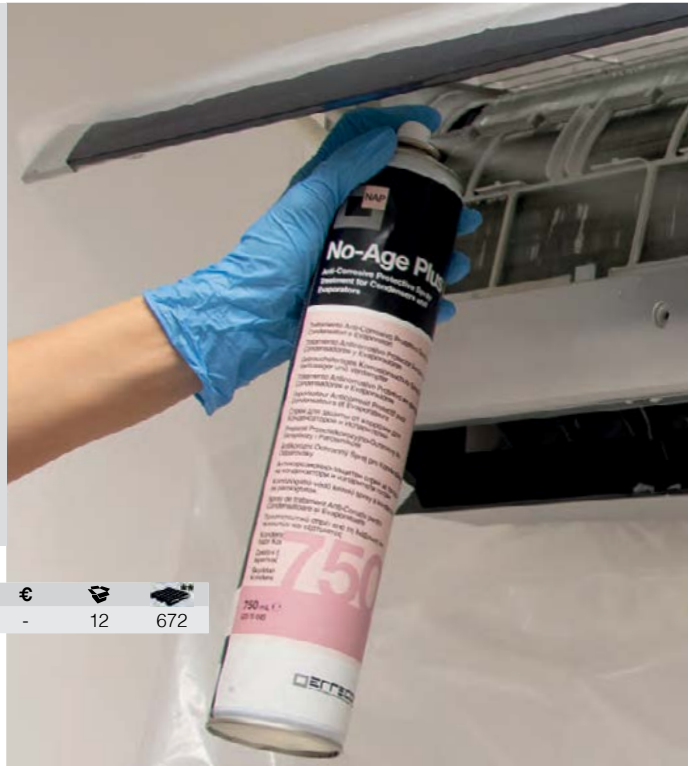
Once applied, NO-AGE PLUS forms a transparent and thick protective film, which resists humidity, smog, salt, sand and dust.

Benefits:

- ✓ Aerosol treatment for a uniform application.
- ✓ Transparent.
- ✓ Easy to use.
- ✓ Extends the condenser and evaporator life.



Art.-Nr.	Description	€		
AB1103.YW.01	750 mL Aerosol Can	-	12	672



No-Age Gelly

Anticorrosive Protective Treatment for Copper Pipes A/C systems



NO-AGE GELLY is an anticorrosive protective treatment, of transparent and thick consistence, to be applied on copper pipes with the special brush included.

Once applied, NO-AGE GELLY forms a transparent and thick protective film, which resists humidity, smog, salt, sand and dust.

Benefits:

- ✓ To be spread with a special brush.
- ✓ Extends the condenser life.



Art.-Nr.	Description	€		
AB1104.M.01	500 mL Can	-	-	-





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