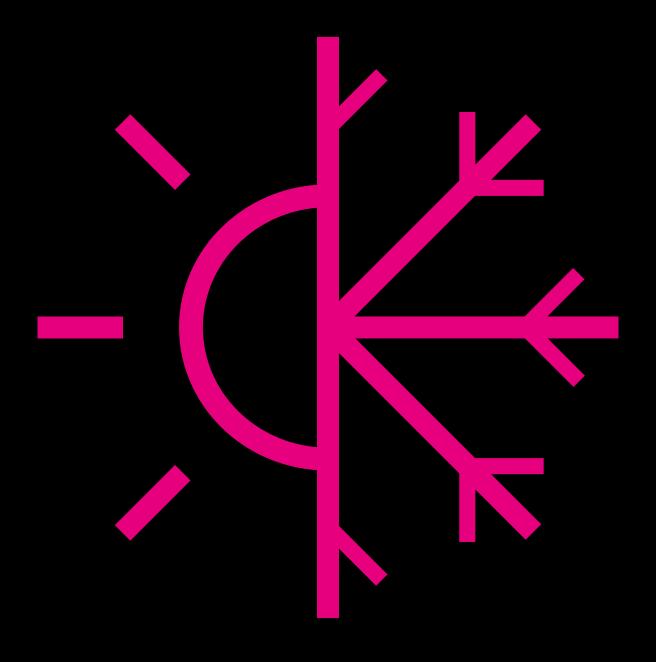
HVAC/R



2023 M D E



Environmental Sustainability.

Not a destination. A journey to experience.

Awarded for the second time as one of the 100 most sustainable Italian companies by Forbes, Errecom renews with the same enthusiasm its commitment to sustainability.

Increase in eco-friendly products in support of a circular economy. Replacing plastic packaging with recycled cardboard. Use of recycled plastic when the formulation allows it. Dematerialisation of technical and information material.



THE EXCLUSIVE 1000 MIGLIA LINE







Excellence and Tradition

Errecom is now 1000 Miglia official partner. The same values. The same passion. A full range of excellent products that guarantees maximum efficiency to all air conditioning and refrigeration systems.

errecom.com



The most beautiful and renowned race in the world, a symbol of the success of "Made in Italy" for almost 100 years.



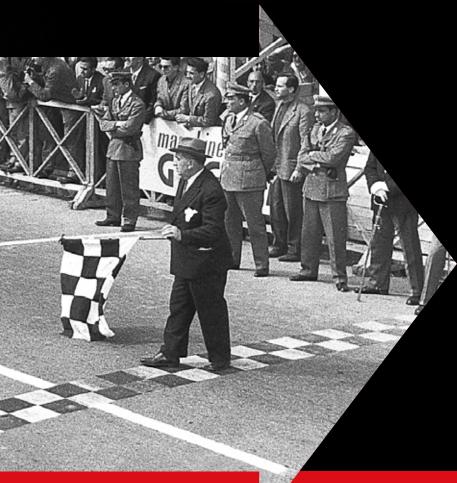
an exclusive worldwide
partnership with 1000 Miglia
which enhances its offer of chemicals and
additives for AC/R maintenance used daily
all over the world. The 1000 Miglia brand
on the products gives exclusivity and
uniqueness to the service offered
by the HVAC/R technician or shop.



Exclusive Worldwide Partnership

A full range of excellent products that guarantees maximum efficiency to all air conditioning and refrigeration systems.





The same emotions. The same passion.

We are proud to announce that Errecom has been selected, thanks to its expertise and knowhow, as the official partner of 1000 Miglia to produce the exclusive AC/R maintenance and cleaning line.



ENERGY DEMAND FROM AIR CONDITIONERS WILL TRIPLE BY 2050*



- Natural gas in Europe costs about 10 times more than a year ago.
- Wholesale **electricity prices** are around **260% higher** than a year ago.**

How to cope with soaring energy prices?

Heat pump and AC/R maintenance is the answer.

Not just an intervention to solve AC/R system breakdowns: maintenance can also be performed to prevent problems and maintain the efficiency of the system over time, reducing its energy consumption and environmental impact.

ERRECOM ROAD TO EFFICIENCY

EFFICIENCY?
IT'S A MATTER OF
CHEIVISTRY

Over 20 years of experience and research in AC/R maintenance

What affects heat pump efficiency?

To name a few causes: refrigerant leaks, oil fouling, moisture, and dirty coils.

Air conditioning and refrigeration systems are not only a bunch of mechanical components but are composed of chemical elements too. For the system to work efficiently, it is essential to take care of the refrigerant gas and the refrigeration lubricant over time, avoiding their chemical decay.

Indoor Air Quality

People spend 90% of their time indoors (2013 WHO Europe Report, US Environmental Protection Agency). Negligence in cleaning A/C systems not only reduces their efficiency but also negatively affects air quality by spreading viruses, bacteria, mould, and allergens. This can be a serious health hazard.

AC/R efficiency:

focus on maintenance, checkups, and leaks.

Errecom's offer includes:

No-Acid Ultra	
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What is it?	Acid neutraliser additive

How does it work?

It reduces and prevents the formation of acid residues resulting from the natural decomposition of refrigerant gas and refrigeration lubricant

What does it solve/prevent?

It prevents the acid residues from attacking the metal components of the system, causing refrigerant gas leaks and the AC/R compressor breakdown



W	hat	is it	?	Anti-moisture additive	

How does it work?

It surrounds the water molecules circulating in the AC/R system and, by removing them from the refrigeration lubricant, prevents the formation of acidity resulting from the interaction of excess water and lubricant. Working with the filter drier, the additive also slows down its saturation, thus extending its service life

What does it solve/prevent?

It prevents the corrosion caused by moisture

What does it solve/prevent?

It stops and prevents the oxidation and corrosion occurring

within the AC/R system, extending the life of metal components

A broken AC/R compressor or a retrofitting procedure

requires checking on the air conditioning or refrigeration system. In this case of extraordinary maintenance, it is necessary to flush the AC/R system with a specific fluid that will remove:



carbonic and hydrofluoric acid

moisture

metal ions and oxides

However, these components can remain, in small percentages, free to circulate within the AC/R system causing the compressor to break down.

In addition, even after flushing with nitrogen,

residual flushing fluid

may remain, reducing the oil's viscosity and lubricanting capacity.

The solution is

COMPRESSOR +

Add Compressor+ to the compressor oil



Eliminates acidity



Inactivates metal ions and oxides



Eliminates moisture



Restores the oil's lubricating capacity



If not used,

the life of the AC/R compressor may be

drastically shortened

Flushing Test

When should you flush an AC/R system?

How can you be sure that the system has been flushed correctly?

What is the right amount of flushing fluid to use?

Leaving **contaminants**, such as condensate, acidity, rust, metal filings, dust, and sand free to flow in the **refrigerant lines** can severely damage the components of AC/R systems.

Therefore, it is necessary to **remove** them through professional cleaning and flushing procedures. However, until now, this critical operation has been left to the experience and common sense of HVAC/R technicians, without the possibility of testing its success and result. Thanks to our know-how, this is now possible.



PATENT PENDING

Test to verify the proper cleaning of condensers, evaporators, and refrigerant lines

If the colour **CHANGES**, **FLUSH** the system





If the colour DOESN'T CHANGE, START the system

Clear and instant result.

Certifies

proper flushing

Steacy Adjustable Floor Support for AC/R Units



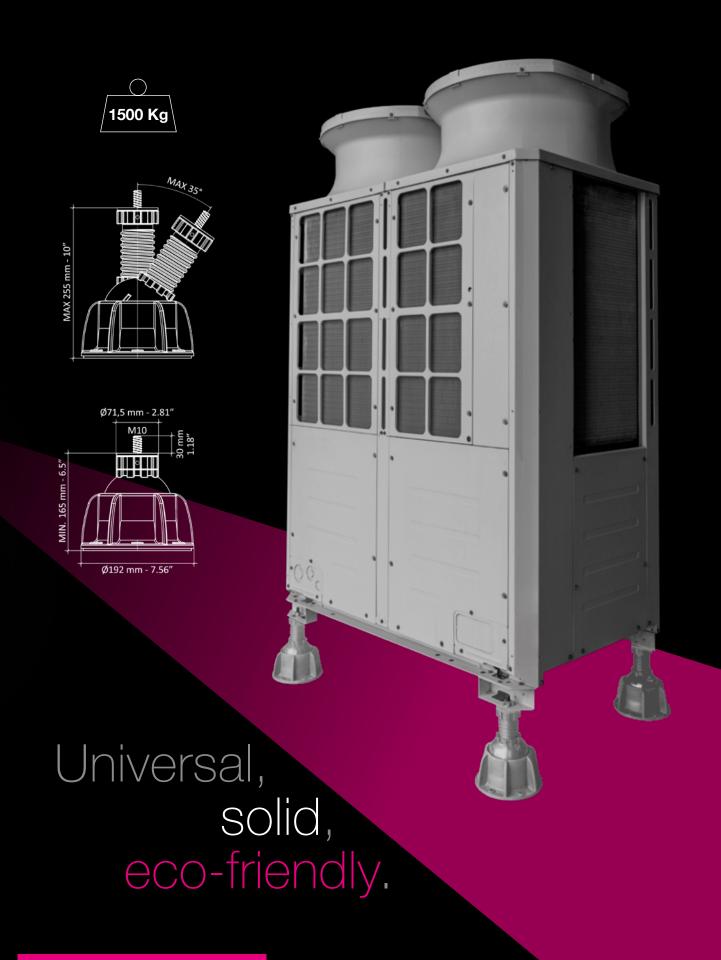
This new A/C support system ensures quick and safe installation of all outdoor units on any surface, including sloping roofs up to 35°, without additional support.

Height adjustment: 3,5 - 25,5 cm

Can be tilted up to 35°



360-degree rotation



DISPLAY STAND

CUSTOM-MADE MODULAR METAL DISPLAY STAND

according to customer requirements.

Errecom's graphic layout has always been extremely recognisable and distinctive and now it will be even more: the contrast between the black display stand and the coloured labels increases product visibility and brand recognition.

Find out more







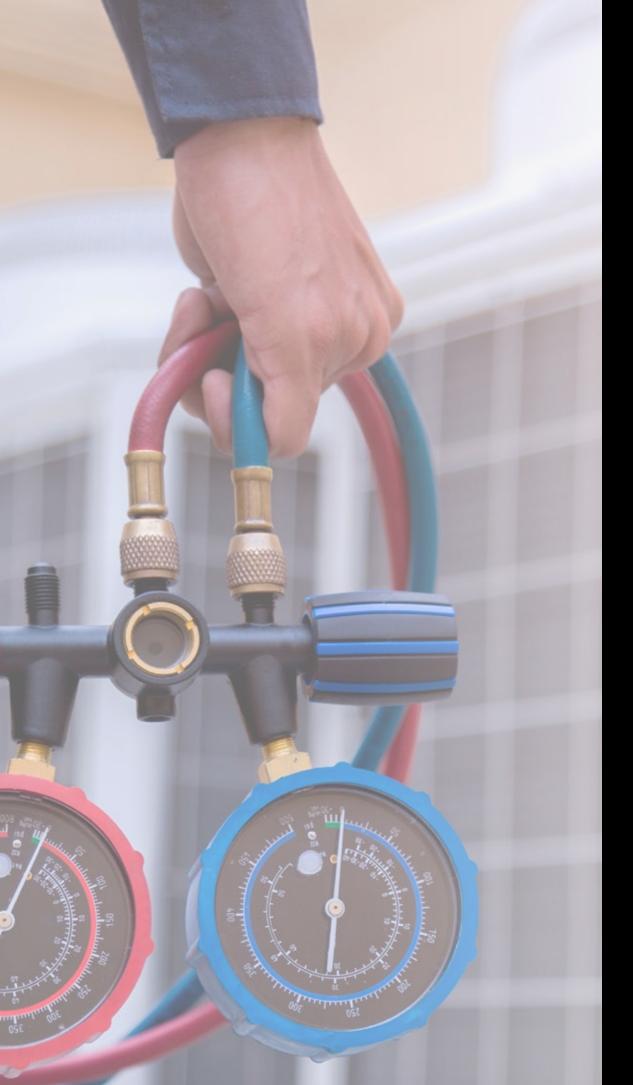
ArtNr.	L (mm)
ES001	750
ES002	1000



ArtNr.	L (mm)	Hooks (pcs)
ES003	750	16
ES004	1000	20



L (mm)	Hooks (pcs)
750	24
1000	30
	750



Extreme Ultra

- Permanently repairs leaks up to 0.3 mm on rubber and metal components of AC/R systems.
- Polymer-free: does not react with moisture and oxygen. Does not clog AC/R systems' components.
- Safe for metal and rubber components of AC/R systems.
- Visible when exposed to any UV lamp.
- Non-flammable, non-irritating, safe for the operator.
- Significantly reduces compressor noise.
- Compatible with all refrigeration lubricants.
- Compatible with all refrigerant gases, including CFC, HFC, HCFC, R32 and HFO, except R717 (ammonia).
- The professional choice for preventive maintenance.

ArtNr.	Adapters included	€	8	*
TR1163.AL.01.S2	No adapters	-	30	5400
TR1163.AL.H3.S2	1/4 SAE + 5/16 SAE	-	30	5400

Dosage:

1 cartridge (6 mL - 0.2 fl oz) for systems up to 21 kW or 700 mL (23.6 fl oz) of compressor oil.











Ultra-fast Leak Stop

- Ultra-fast: takes just 20 seconds to repair refrigerant gas leaks up to 1 mm.
- Pressure resistance:
 - 20 seconds to fix up to 20 bar (290 psi) 20 minutes to fix up to 50 bar (725 psi)
- Resists up to 250°C (482°F).
- Easy to use: STEP 1 liquid with brush; STEP 2 powder.
- Can be used on metal and plastic components.
- Can be applied on flat, curved, horizontal or vertical surfaces.
- Ideal for urgent repairs.
- Ideal for repairs where welding cannot be carried out.
- Permanent result.
- Visible with any UV lamp: it allows you to pinpoint and check the condition of previous repairs.

ArtNr.	€	8	•
TR1180.01	-	30	-











2



External

- Repairs refrigerant gas leaks up to 5 mm.
- Ideal for urgent repairs.
- Perfectly adheres to metal (copper, aluminium, and steel) and rubber components.
- Can be used on thermoplastic pipes.
- Resists refrigeration lubricant (mineral, POE, PAG, PAO and Alkylbenzene).
- Resists refrigerant gases (CFC, HFC, HCFC, CO2, including R32 and R1234yf).
- Resists additives and flushing fluids, including chlorinated ones.
- Temperature range use: -100°C to +270°C (-148 °F to 518 °F).
- Can be used on either the high or low side of HVAC/R systems.
- Different pressure resistance depending on the size of the leak: 5 mm = 40 bar (580 psi) - 2 mm = 50 bar (725 psi) - 1 mm = 57 bar (826 psi).
- Easy to use: it can be easily mixed by using two fingers and, once applied, it permanently repairs the leak in 4-5 hours.
- There is no risk of product dispersion in AC/R systems.
- Once dried, it can be easily sanded or removed.

ArtNr.	Description	€	8	•
TR1166.01	External	-	60	10800









Refrigerant Gas Leak Detector

- Detects micro-leaks on A/C components and refrigerant lines thanks to its high adhesion power to surfaces.
- Quick, ready and easy to use: leaks result in the formation of large, thick bubbles.
- Operating temperature: from -40°C to +80°C (from -40°F to +176°F).
- Also available with directional dispensing trigger

 .
- The aerosol cans can be used even upside down thanks to the special 360° valve.

ArtNr.	Description	Quantity	€	8	*
TR1143.K.S1	Best Bubbles	1 L	-	06	570
TR1143.M.01	Best Bubbles	500 mL	-	-	-
AB1232.N.01	Best Bubbles Aerosol	400 mL	-	12	1344
AB1232.N.01.C	Best Bubbles Aerosol (A)	400 mL	-	12	1344

Best Bubbles Fluo

Fluorescent Refrigerant Gas Leak Detector

- Detects micro-leaks on AC/R components and refrigerant lines thanks to its high adhesion power to surfaces.
- Quick, ready, and easy to use.
- Operating temperature: from -40°C to + 80°C (from -40°F to + 176°F).
- Ideal in poor visibility situations. Leaks result in large, thick, and fluorescent bubbles, visible when exposed to any UV lamp.
- Also available with directional dispensing trigger (A).
- The aerosol cans can be used even upside down thanks to the special 360° valve.

ArtNr.	Description	Quantity	€	8	*
TR1161.K.S1	Best Bubbles Fluo	1 L	-	06	570
TR1161.M.01	Best Bubbles Fluo	500 mL	-	-	-
AB1251.N.01	Best Bubbles Fluo Aerosol	400 mL	-	12	1344
AB1251.N.01.C	Best Bubbles Fluo Aerosol (A) 400 mL	-	12	1344











Cool-Shot Ultra Performance Enhancer for AC/R Systems

- Restores and maintains the original efficiency of AC/R systems.
- Removes oil fouling.
- Restores heat exchange in refrigeration lines.
- Increases the efficiency of the compressor lubricant without causing chemical changes.
- Extends compressor life and reduces its noise.
- Reduces the maintenance costs of AC/R systems.
- Reduces the energy consumption of the system and CO₂ emissions.
- Does not alter the refrigerant gas.
- Safe for all air conditioning and refrigeration systems.
- Visible when exposed to any UV lamp.
- Compatible with all refrigeration lubricants.
- Compatible with all refrigerant gases, including CFC, HFC, HCFC, R32 and HFO, except R717 (ammonia).
- The professional choice for preventive maintenance.

ArtNr.	Adapters included	€	8	•
TR1170.AL.01.S2	No adapters	-	30	5400
TR1170.AL.H3.S2	1/4 SAE + 5/16 SAE	-	30	5400

Dosage:

1 cartridge (6 mL - 0.2 fl oz) for systems up to 21 kW or 700 mL (23.6 fl oz) of compressor oil.











Super-Dry Ultra Anti-moisture Additive

- Permanently eliminates the formation of moisture inside AC/R systems thanks to the special chemical formula that stabilises the refrigeration lubricant.
- Does not alter refrigerant gases.
- Safe for gaskets and system components, and the compressor.
- Does not weaken the power of the system, nor does it alter its performance.
- Compatible with all refrigeration lubricants.
- Compatible with all refrigerant gases, including CFC, HFC, HCFC, R32 and HFO, except R717 (ammonia).
- The professional choice for preventive maintenance: eliminating moisture, it inhibits acid formation over time.

ArtNr.	Adapters included	€	8	*
TR1174.AL.01.S2	No adapters	-	30	5400
TR1174.AL.H3.S2	1/4 SAE + 5/16 SAE	-	30	5400

1 cartridge (6 mL - 0.2 fl oz) for systems up to 21 kW or 700 mL (23.6 fl oz) of compressor oil.











■ No-Acid Ultra

Acid Neutraliser Additive

- Eliminates acid residues (caused over time by refrigeration lubricants, refrigerants moisture, and compressor breakdown) from AC/R systems.
- Prevents compressor breakdown.
- Safe for system components.
- Compatible with all refrigeration lubricants.
- Compatible with all refrigerant gases, including CFC, HFC, HCFC, R32 and HFO, except R717 (ammonia).
- The professional choice for preventive maintenance: it prevents acid from developing over time.

ArtNr.	Adapters included	€	8	*
TR1175.AL.01.S2	No adapters	-	30	5400
TR1175.AL.H3.S2	1/4 SAE + 5/16 SAE	-	30	5400

Dosage:

1 cartridge (6 mL - 0.2 fl oz) for systems up to 21 kW or 700 mL (23.6 fl oz) compressor oil.









Compressor+

Restoring Additive for Refrigeration Lubricants

- Restores the optimal working conditions of air conditioning and refrigeration systems after replacing the compressor or flushing the circuit.
- Eliminates and neutralises particles and agents that are potentially hazardous to the newly flushed system components. These include moisture, heavy flushing fluid residues, and contaminants such as hydrofluoric, hydrochloric and carbonic acids that develop as a result of A/C compressor breakage.
- Eliminates the risk of circuit damage after the compressor replacement or circuit flushing.
- Safe for AC/R system components.
- Compatible with all refrigeration lubricants.
- Compatible with all refrigerant gases, including CFC, HFC, HCFC, R32 and HFO, except R717 (ammonia).

ArtNr.	Description	€	8	*
TR1162.AL.01.S2	6 mL Cartridge	-	30	5400
TR1162.L.01.S2	12 mL Cartridge	-	30	-
TR1162.C.01.S2	30 mL Cartridge	-	24	-
TR1162.QC.01.S2	45 mL Cartridge	-	24	-
TR1162.E.01.S2	60 mL Cartridge	-	24	-

Dosage:

Amount of Compressor+ to be added in the new compressor lubricant.

Compressor+	6 mL	12 mL	30 mL	45 mL	60 mL
Lubricant	up to	up to	up to	up to	up to
	400 mL	800 mL	2 L	3 L	4 L





■ Adapters for Air Conditioning and Refrigeration Systems

Plastic Straight Adapters

ArtNr.	Description	€	8
TB5166.01	Flex Hose (A)	-	30
RV2024.S1	1/4 SAE Adapter ©	-	20
RV2025.S1	5/16 SAE Adapter M	-	20
RK1425.S1	Pack containing (A) + (L)	-	30
RK1426.S1	Pack containing (A) + (M)	-	30
RK1427.S1	Pack containing (A) + (□) + (M)	-	30
RV2021.01*	5/16 SAE Aluminium Adapter N	-	20

^{*}Available while stocks last

Plastic Flexible Adapters

ArtNr.	Description	€	8
TB5067.R1	1/4 SAE Adapter ⊚	-	20
TB5068.R1	5/16 SAE Adapter ®	-	20
RK1290	Pack containing ⊚ + ®	-	20



ArtNr.	Description	€	8
TB5022.01	1/4 SAE Adapter @	-	20
TB5023.01	5/16 SAE Adapter ®	-	20
RK1228	Pack containing @ + ®	-	20







02

Refrigeration Lubricants



Refrigeration Lubricants

POE Lubricants

ERRECOM's synthetic polyolester (POE) refrigeration lubricants are characterised by high thermal, chemical and hydrolytic stability. Due to their good miscibility, POE lubricants are compatible with all chlorine-free refrigerants, FC refrigerants, and with HFC refrigerants such as R134a, R404a, R507, R410a, R407c. ERRECOM's POE lubricants can also be used with hydrocarbon refrigerants such as propane (R290) and propylene (R1270).

Furthermore, their use has already been successfully tested with low-GWP refrigerants such as HFOs (e.g. R1234yf, R1234ze). Lastly, ERRECOM's POEs have also been tested with new refrigerants designed to replace R22, such as R422a/D and R417a. Our POE lubricants are recommended for use in hermetic, semi-hermetic and open compressors as well as screw compressors and turbochargers (depending on viscosity).

Due to their high viscosity indices, ERRECOM POEs have excellent cold flow properties and a highly stable lubricating film under high-temperature conditions in hydrocarbon applications. ERRECOM's POE lubricants are characterised by high stability and excellent lubrication. POEs are hygroscopic, which means that they tend to absorb water more quickly than non-polar hydrocarbon-based refrigeration oils such as mineral ones, alkyl benzene and PAO. Precisely for this reason, all ERRECOM POEs are ultra-dry and filled in plastic bottles and metal tanks specially designed to ensure protection against moisture.

Physical Quantity Measured (Unit of Measurement)	Analytical Reference Method	POE 22	POE 32	POE 46	POE 55	POE 68	POE 100	POE 170	POE 220
ISO VG	-	22	32	46	55	68	100	170	220
Kinematic Viscosity @ 40°C (cSt)	ASTM-D445	22	32	46	53,9	68	100	170	226,2
Kinematic Viscosity @ 100°C (cSt)	ASTM-D445	4,23	5,5	7,3	8,2	9,5	11,51	16,66	19,34
Viscosity Index	ASTM-D2270	130	140	140	123	140	110	100	97
Pour Point (°C)	ASTM-D97	-48	-50	-45	-42	-42	-36	-36	-30
Flash Point (°C)	ASTM-D93	250	230	230	240	234	300	300	318
Density @ 15°C (g/cm³)	ASTM-D1298	0,95	0,955	0,965	0,965	0,975	0,968	0,96	0,975
Moisture Level (ppm)	ASTM-D6304	50	50	50	50	50	75	75	75
Total Acid (mg KOH/g)	ASTM-D974	<0,03	<0,03	<0,03	<0,03	<0,03	<0,04	<0,04	<0,04

□ POE 22

ArtNr.	Qty.	€	8		Packaging
OL6011.K.P2	1 L	-	12	756	Plastic Tank
OL6011.UP.P2	1 Gal	-	02	196	riasiic Tatik

□ POE 32

ArtNr.	Qty.	€	8	•	Packaging
OL6012.K.P2	1 L	-	12	756	Plastic Tank
OL6012.UP.P2	1 Gal	-	02	196	riaslic tatik

POE 46

ArtNr.	Qty.	€	8		Packaging
OL6015.K.P2	1 L	-	12	756	Plastic Tank
OL6015.UP.P2	1 Gal	-	02	196	Plastic Talik

□ POE 55

ArtNr.	Qty.	€	8	•	Packaging	
OL6055.K.P2	1 L	-	12	756	Plastic Tank	
OL6055.UP.P2	1 Gal	-	02	196		

POE 68

ArtNr.	Qty.	€	8	*	Packaging
OL6016.K.P2	1 L	-	12	756	Plastic Tank
OL6016.UP.P2	1 Gal	-	02	196	Flaslic Talik

POE 100

Qty.	€	7		Packaging
1 L	-	12	756	Plantia Tank
1 Gal	-	02	196	Plastic Tank
	1 L	1L -	1 L - 12	1 L - 12 756

■ POE 170

ArtNr.	Qty.	€	8	•	Packaging
OL6020.K.P2	1 L	-	12	756	Plastic Tank
OL6020.UP.P2	1 Gal	-	02	196	Flastic Talik

□ POE 220

ArtNr.	Qty.	€	8	*	Packaging
OL6021.K.P2	1 L	-	12	756	Diagtic Tools
OL6021.UP.P2	1 Gal	-	02	196	Plastic Tank

Refrigeration Lubricants

CO,-POE

Carbon dioxide (R744) has been used as a refrigerant since the last century with the introduction of industrial refrigeration systems. R744 has excellent thermodynamic properties and is an environmentally friendly refrigerant (with the lowest GWP and ODP). Its use has grown as it is not only a natural refrigerant but also extremely effective, both in specially designed industrial systems such as supermarket refrigerators and heat pump water heaters. Errecom's CO₂ - POE lubricants are high-performance polyol ester-based synthetic lubricants specially developed for CO₂ applications. CO₂ - POEs are available in 5 different viscosity grades to meet the requirements of a full range of R744 systems. They are characterised by good miscibility, fluidity, and stability. Thanks to their branched molecular structure and the high-performance additive package included in the formulation, they also provide good lubrication with better overall performance than classic POEs over a wide temperature range.

More precisely, Errecom's CO₂ - POE lubricants contain excellent additive packages (anti-oxidants, anti-corrosives, anti-foaming) carefully selected to: - optimise miscibility with CO₂, thus increasing heat exchange even in the low-temperature zone;

Physical Quantity Measured (Unit of Measurement)	Analytical Reference Method	CO ₂ - POE 55	CO ₂ - POE 85
ISO VG	-	55	85
Kinematic Viscosity @ 40°C (cSt)	ASTM-D445	55	84
Kinematic Viscosity @ 100°C (cSt)	ASTM-D445	8,8	11,5
Viscosity Index	ASTM-D2270	142	119
Pour Point (°C)	ASTM-D97	-49	-39
Flash Point (°C)	ASTM-D93	280	272
Density @ 15°C (g/cm³)	ASTM-D1298	0,982	0,991
Moisture Level (ppm)	ASTM-D6304	40	40
Total Acid (mg KOH/g)	ASTM-D974	<0,03	<0,03

- reduce the formation of foam, usually present at compressor start-up;

- increase its lubricating capacity;

- protect against materials, even under extreme operating conditions.

They are also characterised by low toxicity and high biodegradability.

CO₂ - POEs can be used for both subcritical (e.g. low-temperature cooling stages in supermarket cascade refrigeration systems) and transcritical (e.g. medium-temperature cooling stages in supermarkets) applications.

□ CO₂ - POE 55

ArtNr.	Qty.	€	8	•	Packaging
OL6062.K.P2	1 L	-	12	756	Plastic Tank
OL6062.UP.P2	1 Gal	-	02	196	Flastic Talik

CO₂ - POE 85

ArtNr.	Qty.	€	8	•	Packaging
OL6063.K.P2	1 L	-	12	756	Plastic Tank
OL6063.UP.P2	1 Gal	-	02	196	Flastic Talik

Mineral Oil

Physical Quantity Measured (Unit of Measurement)	Analytical Reference Method	MINERAL 32/3	MINERAL 46	MINERAL 55/4	MINERAL 68	MINERAL 100/5
ISO VG	-	32	46	55	68	100
Kinematic Viscosity @ 40°C (cSt)	ASTM-D445	32	46	55	68	99
Kinematic Viscosity @ 100°C (cSt)	ASTM-D445	4,6	5,4	6,2	6,6	8,8
Viscosity Index	ASTM-D2270	95	94	96	95	94
Pour Point (°C)	ASTM-D97	-45	-36	-32	-30	-30
Flash Point (°C)	ASTM-D93	190	194	198	200	220
Density @ 15°C (g/cm³)	ASTM-D1298	0,904	0,91	0,91	0,915	0,905
Moisture Level (ppm)	ASTM-D6304	16	16	18	17	10
Total Acid (mg KOH/g)	ASTM-D974	0,02	0,02	0,02	0,02	0,02
Colour (APHA)	ASTM-D1500	0,5	< 1,0	-	1,0	< 1,0

ERRECOM's mineral oils are highly refined hydrotreated naphthenic bases enhanced by additives that ensure:

- high ageing stability, - low pour point, - excellent low-temperature behaviour, - good compatibility with ammonia (NH₃), HCFCs (e.g. R22), hydrocarbons (e.g. propane R290, propylene R1270). The high solvent power and excellent low-temperature properties lead to good floc points for the refrigerant-oil mixture. As it is wax-free,

pental of the mineral oil has a low pour point and good cold pour properties. At high temperatures, ERRECOM's mineral oil has a higher flash point than other products on the market and high thermal and chemical stability. It does not corrode iron, copper, and aluminium.

■ MINERAL 32/3

ArtNr.	Qty.	€	8	•	Packaging
OL6064.K.P2	1 L	-	12	756	Plastic Tank
OL6064.UP.P2	1 Gal	-	02	196	Flaslic Talik

MINERAL 46

ArtNr.	Qty.	€	3		Packaging
OL6065.K.P2	1 L	-	12	756	Plastic Tank
OL6065.UP.P2	1 Gal	-	02	196	FIASIIC TATIK

■ MINERAL 68

ArtNr.	Qty.	€	8	*	Packaging
OL6067.K.P2	1 L	-	12	756	Plastic Tank
OL6067.UP.P2	1 Gal	-	02	196	Flastic Talik

MINERAL 55/4

ArtNr.		Qty.	€	8	*	Packaging
OL6066	.K.P2	1 L	-	12	756	Plastic Tank
OL6066	.UP.P2	1 Gal	-	02	196	Flasiic Talik

■ MINERAL 100/5

A	rtNr.	Qty.	€	8	*	Packaging
0	L6068.K.P2	1 L	-	12	756	Plastic Tank
0	L6068.UP.P2	1 Gal	-	02	196	Flaslic Talik

Refrigeration Lubricants

240 mL Lubricant Cartridges

EasyGun

EasyGun is Errecom's tool for inserting 240 mL cartridges of additives, UV leak detector dyes, and lubricants in AC/R systems.

ArtNr.	Description	€	8
IN1032.01	EasyGun	-	01
TB5203.01	1/4 SAE Adapter	-	01
TB5204.01	5/16 SAE Adapter	-	01



POE

ArtNr.	Description	€	8	*
OL6011.DQ.01	POE 22	-	06	-
OL6012.DQ.01	POE 32	-	06	-
OL6015.DQ.01	POE 46	-	06	-
OL6055.DQ.01	POE 55	-	06	-
OL6016.DQ.01	POE 68	-	06	-
OL6017.DQ.01	POE 100	-	06	-
OL6020.DQ.01	POE 170	-	06	-
OL6021.DQ.01	POE 220	-	06	-
OL6062.DQ.01	CO ₂ - POE 55	-	06	-
OL6063.DQ.01	CO ₂ - POE 85	-	06	-

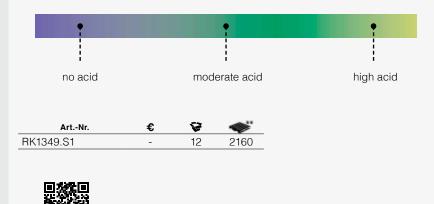
MINERAL OIL

ArtNr.	Description	€	8	*
OL6064.DQ.01	MINERAL 32/3	-	06	-
OL6065.DQ.01	MINERAL 46	-	06	-
OL6066.DQ.01	MINERAL 55/4	-	06	-
OL6067.DQ.01	MINERAL 68	-	06	-
OL6068.DQ.01	MINERAL 100/5	-	06	-

Acid-Test

Test to Verify the Presence of Acid in Compressor Oil

- Universal: works with all refrigeration lubricants (POE ABZ PAO PAG PVE Mineral).
- Easy to use: just add a few drops of lubricant, shake the bottle and wait a few moments to see the result.
- Quick result in a few seconds.
- Ideal to perform regular preventive maintenance of the compressor.
- Non-flammable and non-toxic.
- Contains 4 test kits.
- Clear and accurate results. The colour indicates the pH range:









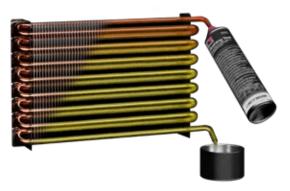


Flushing Test Test to Verify the Proper Cleaning of Condensers, Evaporators, and Refrigerant Lines

- Certifies the proper cleaning of condensers, evaporators, and refrigerant lines.
- Detects contaminants such as moisture, acid, rust, metal sludge, dust, and sand in AC/R system components.
- Clear and instant result: if the colour changes, the system is not clean; if the colour does not change, you can switch on the system.

ArtNr.	Description	€	8	* "
TR1233.YW.M0	750 mL Can with Rubber Cone	-	12	1008
TR1233.K.01	1 L Metal Bottle	-	02	672
TR1233.P.01	5 L Metal Tank	-	01	-













If the colour doesn't change, start the system.

NEWS 2023

Belnet

Quick Evaporating Flushing Fluid

- Evaporates quickly and completely and does not leave residues.
- Removes old oil, debris, and contaminants.
- Safe for all air conditioning and refrigeration systems.
- Requires manual or pneumatic systems for insertion.
- Flammable.

ArtNr.	Description	€	8	*
TR1009.01	1 L Metal Bottle	-	12	480
TR1055.01	5 L Metal Tank	-	02	196

Belnet Aerosol

- Ideal for cleaning small refrigeration lines.
- Ready to use.
- High flushing pressure (8 bar/116 psi).
- Constant pressure until the cylinder is completely empty.
- Does not require additional equipment for insertion.

·				
ArtNr.	Description	€	8	*
TR1009.U.M0	600 mL Can with Rubber Cone	=	12	1008
				¥
		122/		132



Flushing Hook Flushing Gun Hook

Tool to connect the flushing equipment to the A/C system. Its small size facilitate the connection to A/C systems even in narrow spaces.

Technical features:

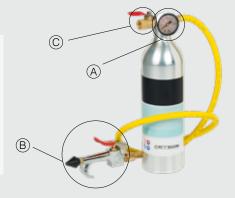
- male connection ¼" SAE
- size: 80 x 50 mm

ArtNr.	Description	€	8	*
RP1081.01	Flushing Hook 1/4 SAE	-	-	-

□ Flushing Gun

Affordable equipmet for flushing AC/R systems. Volume: 0,75 L. Ball valve with 1/4" female fitting. Hose lenght: 60 cm. 0÷12 bar gauge. 10 bar safety valve.

ArtNr.	Description	€	8	*
RP1027.01	Flushing Gun	-	01	-
MN1127.01	Spare Gauge	-	01	-
RP1069.01	Spare Flushing Gun	-	01	-
RP1072.01	Spare Ball Valve	-	01	-



Flushing Adapter Kit

These are universal adapters with 1/4 SAE male fitting that allow connection to any components of an AC/R system so that the flushing process can be carried out safely.

ArtNr.	Description	€	8	*
RK1332	Adapter Kit	-	01	-
RP1051.01	Spare Cone	-	01	-





L Jet Gun Portable A/C Coil Cleaning Machine

- Designed and tested for use with water, acid and alkaline cleaners.
- Increases the cleaning power of Errecom's cleaners without damaging evaporator and condenser coils.
- Safe for all components of air conditioning and refrigeration systems.
- Working pressure: 6 bar (85 psi).
- 3 interchangeable and resealable 9 Litre (2.4 gal) bags.
- Adjustable spray tip.
- Hose length: 300 cm (118 in).
- Rechargeable battery 12V 2,200 mH.
- Operating time: up to 30 minutes.
- Includes battery charger 110-220 V.

ArtNr.	Description	€	8	*
VP1050.01	JETGUN	-	01	-
VP1052.01	JETGUN PRO	-	01	-

Spare Parts Jet Gun

ArtNr.	Description	8
RP1067.01	Dispensing Gun	-
RG9014.05	Plastic Quick Coupler Seals	-
RV6037.01	Plastic Female Quick Coupler for Black Hose	-
RV6039.01	Plastic Female Fitting for Connecting Bags	-
RV6038.01	Plastic Male Fitting for Connecting Bags	-
TB1025.01	3 m PVC Hose	-
PW1007.01	12,000 mAh Lithium-ion Battery	-
PW1005.01	Charger	-
RPL001.01	Shoulder Strap	-
FL1100.01	Plastic Bag	-
VP1059.01	Motor pump	-





Acid Coil Cleaner

Acid Condensers Coil Cleaner

- Removes heavy dirt, salt, and scale.
- Non-aggressive and safe for metal components.

ArtNr.	Description	€	8	*
AB1255.K.S1	1 L Spray Bottle - RTU	-	06	570
AB1255.UP.01	1 Gallon Tank	-	02	168







SGP Coil Cleaner

NSF Certified Universal Alkaline Cleaner

- NSF certified (K5).
- Eco-friendly cleaner: non-foaming formula to ensure faster rinsing.
- Biodegradable.
- Anticorrosive action.
- Scented.

Dilution:

- 1:6 for condensers - 1:10 for evaporators - 1:15 for A/C filters

ArtNr.	Description	€	8	•
AB1244.K.S1	1 L Spray Bottle - RTU	-	06	570
AB1244.UP.01	1 Gallon Tank	-	02	168











Protective-Anticorrosive Treatment for Outdoors Units

- Creates a protective film that defends surfaces from contaminants such as salt and smog, preventing metal corrosion.
- Maintains unaltered heat exchange.
- Ideal to use on condensers installed in highly oxidising environments (seaside locations, heavily polluted areas) and subject to salt, acid rain, and smog attack.

ArtNr.	Description	€	8	•
AB1100.K.S1	1 L Spray Bottle - RTU	-	06	570
AB1100.UP.01	1 Gallon Tank	-	02	168







Power Clean-OUT

High-pressure Condenser Cleaner

- Effective foaming action. Effective foaming action. High-pressure cleaner.
- Safe for condenser coils.
- Easily removes even the most stubborn dirt. Effective foaming action.

ArtNr.	€	8	*
AB1063.YW.01	-	12	672





♦ ♦ 750 mL



Power Clean - IN

High-pressure Evaporator Cleaner

- Its special aerosol can is designed to achieve a constant and high-pressure
- Easily removes even the most stubborn dirt that accumulates on evaporator coils such as dust, grease, etc.
- Dries quickly.
- Does not require rinsing.
- HACCP compliant.

ArtNr.	€	8	•
AB1063.U.01	_	12	1008





Evaporator Cleaner

Cleaner for Evaporators

- Purifies A/C ducts, incorporating and removing contaminants such as dust, dirt, allergens, and microorganisms that often cause bad odours.
- Restores the indoor air quality releasing a pleasant scent.
- Easy to use thanks to the cannula.
- Quick and effective action. Ready to use. Does not require rinsing.
- Also available in the foaming version EVAPORATOR CLEANER FOAM, whose formula incorporates and removes even the hardest to reach dirt.
- HACCP compliant.

ArtNr.	Evaporator Cleaner	€	8	*
AB1084.J.01	200 mL	-	24	2376
AB1084.N.01	400 mL	-	12	1344







A/C Cleaning

Chinook

A/C Filter Cleaner

- Easily removes dust, germs, mould, contaminants, and harmful agents.
- Eliminates the causes of bad odours, leaving a pleasant and long-lasting scent.
- Quick and effective application.
- Ready to use.
- HACCP compliant.

ArtNr.	Description	€	8	*
AB1077.K.S1	1 L Spray Bottle	-	06	570





1 L





Condensate Drain Cleaner

- Removes and prevents the development of algae, mucilage, silt, and mould.
- Prevents air conditioner's condensate drain from clogging.
- Ready to use.
- Non-corrosive.
- liquid formulation, lavander scented.

ArtNr.	Description	€	8	•
AB1078.K.S1	1 L Bottle	-	06	570









Cleaning Tabs for Condensate Drain

- 1/2 tabs every 15/20 days for units up to 12,000 Btu/H (3 kW).
- Prevents the formation of algae, mould, slime and mucilages.
- Prevents A/C condensate drain from getting clogged.

ArtNr.	Description	€	8	*
AB1097.01.JA	18 tabs	-	12	-





A/C Cleaning

Removable AC/R Joint Sealant

- Creates a flexible but strong seal on the threaded or flanged AC/R fittings, adhering to internal surfaces and filling all micro-cracks.
- Prevents vibration from loosening nuts, joints, bolts, etc.
- Easy to remove.
- Can be applied on all plastics and metals.
- Temperature range use: -90°C to +200°C (-130°F to +392°F).
- Pressure range use: full vacuum and up to 500 bar/7250 psi.
- Resists refrigerant gases, combustible gases, refrigeration lubricants, fuels, solvents, industrial gases.
- Threaded spout for better sealing.

ArtNr.	Description	€	8	*
TR1157.Y.01	50 mL Tube	-	30	5400







- Removes even the heaviest and most stubborn dirt such as dust, debris, scale, etc. from solar panels.
- Once rinsed off, it leaves a protective film on the solar panel that slows down the growth of new deposits and protects it from corrosion.
- Restores and maintains the efficiency of solar panels over time.
- Alkaline-based formula.
- Does not damage surfaces; also safe for plastics.
- Safe for solar panels: it does not affect their performances and does not get absorbed

ArtNr.	Description	€	8	*
AB1086.K.S1	1 L Spray Bottle - RTU	-	06	570
AB1086.P.01	5 L Tank	-	02	144







Solar and Photovoltaic Panel Descaler

- Removes from solar panels heavy-duty encrustations such as salt, rust, limestone, concrete and chalk residues and any further inorganic dirt.
- Long-lasting protection.
- Avoid reduction in systems' performance.
- Ready to use.
- Safe: does not leave stains, resists high temperature and UV rays.
- Application temperature = $+5 \div +25$ °C.
- Enhances the cleaning action of Apollo -Errecom's alkaline cleaner for solar panels.
- Always use Apollo after using Sunlit to neutralise any acidic residues.

ArtNr.	Description	€	8	*	
AB1254.K.S1	1 L Spray Bottle - RTU	-	06	570	
AB1254.P.01	5 L Tank	-	02	144	









Equipment for Air Conditioning and Refrigeration Maintenance

■ In-line swivel connections 1/4 SAE

	Cm	Blue	Red	Yellow	€
	100	TB7451B	TB7451R	TB7451Y	-
	150	TB7802B	TB7802R	TB7802Y	-
	200	TB7551B	TB7551R	TB7551Y	-
- ;	300	TB7651B	TB7651R	TB7651Y	-
	350	TB7751B	TB7751R	TB7751Y	-

■ In-line swivel connections at 45° 1/4 SAE

Blue	Red	Yellow	€
TB7487B	TB7487R	TB7487Y	-
TB7804B	TB7804R	TB7804Y	-
TB7587B	TB7587R	TB7587Y	-
TB7283B	TB7283R	TB7283Y	-
TB7907B	TB7907R	TB7907Y	-
	TB7487B TB7804B TB7587B TB7283B	TB7487B TB7487R TB7804B TB7804R TB7587B TB7587R TB7283B TB7283R	Blue Red Yellow TB7487B TB7487R TB7487Y TB7804B TB7804R TB7804Y TB7587B TB7587R TB7587Y TB7283B TB7283R TB7283Y TB7907B TB7907R TB7907Y

■ In-line swivel connections at 90° 1/4 SAE

Cm	Blue	Red	Yellow	€
100	TB7489B	TB7489R	TB7489Y	-
150	TB7806B	TB7806R	TB7806Y	-
200	TB7589B	TB7589R	TB7589Y	-
300	TB7285B	TB7285R	TB7285Y	-
350	TB7909B	TB7909R	TB7909Y	-

■ Ball valve 1/4 SAE connection

Cm	Blue	Red	Yellow	€
100	TB7463B	TB7463R	TB7463Y	-
150	TB7808B	TB7808R	TB7808Y	-
200	TB7563B	TB7563R	TB7563Y	-
300	TB7663B	TB7663R	TB7663Y	-
350	TB7763B	TB7763R	TB7763Y	-

■ Ball valve at 45° 1/4 SAE

Cm	Blue	Red	Yellow	€
100	TB7491B	TB7491R	TB7491Y	-
150	TB7810B	TB7810R	TB7810Y	-
200	TB7591B	TB7591R	TB7591Y	-
300	TB7287B	TB7287R	TB7287Y	-
350	TB7911B	TB7911R	TB7911Y	-

■ Ball valve at 90° 1/4 SAE

Cm	Blue	Red	Yellow	€
100	TB7493B	TB7493R	TB7493Y	-
150	TB7812B	TB7812R	TB7812Y	-
200	TB7593B	TB7593R	TB7593Y	-
300	TB7289B	TB7289R	TB7289Y	-
350	TB7913B	TB7913R	TB7913Y	-

☐ Shut-Off 1/4 SAE

Cm	Blue	Red	Yellow	€
100	TB7925B	TB7925R	TB7925Y	-
150	TB7927B	TB7927R	TB7927Y	-
200	TB7929B	TB7929R	TB7929Y	-
300	TB7931B	TB7931R	TB7931Y	-
350	TB7933B	TB7933R	TB7933Y	-

■ In-line swivel connections 5/16 SAE

Cm	Blue	Red	Yellow	€
100	TB7452B	TB7452R	TB7452Y	-
150	TB7803B	TB7803R	TB7803Y	-
200	TB7552B	TB7552R	TB7552Y	-
300	TB7652B	TB7652R	TB7652Y	-
350	TB7752B	TB7752R	TB7752Y	-

■ In-line swivel connections at 45° 5/16 SAE

Cm	Blue	Red	Yellow	€
100	TB7488B	TB7488R	TB7488Y	-
150	TB7805B	TB7805R	TB7805Y	-
200	TB7588B	TB7588R	TB7588Y	-
300	TB7284B	TB7284R	TB7284Y	-
350	TB7908B	TB7908R	TB7908Y	-

■ In-line swivel connections at 90° 5/16 SAE

Cm	Blue	Red	Yellow	€
100	TB7490B	TB7490R	TB7490Y	-
150	TB7807B	TB7807R	TB7807Y	-
200	TB7590B	TB7590R	TB7590Y	-
300	TB7286B	TB7286R	TB7286Y	-
350	TB7910B	TB7910R	TB7910Y	-

■ Ball valve 5/16 SAE connection

Cm	Blue	Red	Yellow	€
100	TB7464B	TB7464R	TB7464Y	-
150	TB7809B	TB7809R	TB7909Y	-
200	TB7564B	TB7564R	TB7564Y	-
300	TB7664B	TB7664R	TB7664Y	-
350	TB7764B	TB7764R	TB7764Y	-

■ Ball valve at 45° 5/16 SAE

Cm	Blue	Red	Yellow	€
100	TB7492B	TB7492R	TB7492Y	-
150	TB7811B	TB7811R	TB7811Y	-
200	TB7592B	TB7592R	TB7592Y	-
300	TB7288B	TB7288R	TB7288Y	-
350	TB7912B	TB7912R	TB7912Y	-

■ Ball valve at 90° 5/16 SAE

Cm	Blue	Red	Yellow	€
100	TB7494B	TB7494R	TB7494Y	-
150	TB7813B	TB7813R	TB7813Y	-
200	TB7594B	TB7594R	TB7594Y	-
300	TB7290B	TB7290R	TB7290Y	-
350	TB7914B	TB7914R	TB7914Y	-

☐ Shut-Off 5/16 SAE

Cm	Blue	Rea	Yellow	€
100	TB7926B	TB7926R	TB7926Y	-
150	TB7928B	TB7928R	TB7928Y	-
200	TB7930B	TB7930R	TB7930Y	-
300	TB7932B	TB7932R	TB7932Y	-
350	TB7934B	TB7934R	TB7934Y	-













■ Ball Valves with In-line Swivel Connection

ArtNr.	Male	Female	8
RP1119.R1.*S1	1/4 SAE	1/4 SAE	01
RP1819.R1.*S1	1/4 SAE	3/8 SAE	01
RP1919.R1.*S1	3/8 SAE	3/8 SAE	01
RP1035.R1.*S1	1/2 ACME	1/4 SAE	01
RP1719.R1.*S1	1/4 SAE	5/16 SAE	01
RP1319.R1.*S1	5/16 SAE	1/4 SAE	01
RP1619.R1.*S1	5/16 SAE	5/16 SAE	01



■ Ball Valves with In-line Swivel Connection 45°

ArtNr.	Male	Female	8
RP1170.R1.*	1/4 SAE	1/4 SAE	01
RP1270.R1.*	3/8 SAE	1/4 SAE	01
RP1370.R1.*	5/16 SAE	1/4 SAE	01
RP1170.R1.*	1/4 SAE	5/16 SAE	01
RP1670.R1.*	5/16 SAE	5/16 SAE	01

^{*} ADD TO ART-NR: Y = YELLOW VALVE, B = BLUE VALVE, R = RED VALVE, G = GREEN VALVE, W = WHITE VALVE



■ Ball Valves with In-line Swivel Connection 90°

ArtNr.	Male	Female	8
RP1171.R1.*	1/4 SAE	1/4 SAE	01
RP1371.R1.*	5/16 SAE	1/4 SAE	01
RP1771.R1.*	14 SAE	5/16 SAE	01
RP1671.R1.*	5/16 SAE	5/16 SAE	01

^{*} ADD TO ART-NR: Y = YELLOW VALVE, B = BLUE VALVE, R = RED VALVE, G = GREEN VALVE, W = WHITE VALVE



■ Ball Valves with Male Fitting

ArtNr.	Description	8
RP1631.R1.*S1	1/4 SAE x 1/4 SAE	01
RP1636.R1.*S1	5/16 SAE x 5/16 SAE	01

^{*} ADD TO ART-NR: Y = YELLOW VALVE, B = BLUE VALVE, R = RED VALVE, G = GREEN VALVE, W = WHITE VALVE



■ Spare Parts for Charging Hoses and Ball Valves

ArtNr.	Description	8	€
RG9010.01	Gasket in HNBR for 1/4 - 5/16 SAE - 1/2 ACME	01	-
RG9012.01	Gasket in NEOPRENE for 1/4 - 5/16 SAE - 1/2 ACME	01	-
RG9002.01	Gasket in HNBR for 3/8 SAE	01	-
TBR901.01	Hose Depressor	01	-



□ Shut off

ArtNr.	Description	8	€
RV6047.S1	1/4 M x 1/4 SAE - Black	01	-
RV6048.S1	1/4 M x 5/16 SAE - Green	01	-



^{*} ADD TO ART-NR: Y = YELLOW VALVE, B = BLUE VALVE, R = RED VALVE, G = GREEN VALVE, W = WHITE VALVE

CING AC/R Components and Refrigerant Lines





Cleaner and Booster for Welding

- Optimises and reduces welding and soldering time.
- Ensures excellent welding tight.
- Ensures thorough cleaning of the surfaces to be welded.
- Leaves a dry, stain-free surface.
- Easy to use.
- Safe for the operator.
- Suitable for use on iron, steel, copper, brass, aluminium.
- Also ideal for welding of copper and copper alloys, copper and steel alloys, copper and brass alloys, copper and bronze alloys, copper and stainless steel alloys, brass and stainless steel alloys.

STEP 1 – Deoxidizing Cleaner

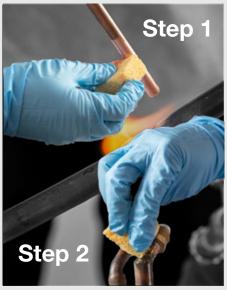
- Removes oxides caused by the atmosphere (rust) and by welding or heat treatments, calamine from metal and steel, oxide layers and encrustations of any kind from alloys such as copper and brass.
- Pickling action.
- Protects surfaces from oxidation for approx. 90 min.

STEP 2 - Protective Neutraliser

- Removes any residues resulting from the application of step 1 and the welding work carried out.
- Prevents the growth of oxides after welding.
- Protects the metal from corrosion by creating a protective film.

ArtNr.	€	8	•
TR1194.01	-	12	-







Stop Heat Heat Blocking Putty for Welding

- Absorbs and stops the heat during welding or soldering, preventing the areas around the point from burning or deforming.
- Avoids expensive heat damages by protecting components or materials during welding/soldering.
- Compatible and safe also for painted or varnished surfaces.
- Putty formulation: it perfectly adheres without dripping, slipping, or leaving residue.
- Re-usable up to 40 times.
- Easy to use.
- Safe and non-toxic formulation.

ArtNr.	Description	€	8	•
TR1173.01	500 gr Jar	-	12	-







Heat Blocking Gel for Welding

- Protects surrounding surfaces from heat and flame during welding or soldering operations.
- Avoids expensive heat damages by protecting components or materials during welding/soldering.
- Compatible and safe also for painted or varnished surfaces.
- Gel formulation: it perfectly adheres without dripping, staining, or leaving residue.
- Easy to use.
- Safe and non-toxic formulation.

ArtNr.	Description	€	8	* "
TR1141.K.01	1 L Spray Bottle	-	06	570





34°C		280°C
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Errecom Academy the know-how of our experts for you

Masterclasses, webinars, and on-site training courses designed to provide AC/R technicians with the specialist training they need to carry out the best system maintenance.

By joining Errecom Academy, you will meet our experts and members of the R&D department, who will share their know-how gained from years of study and research in the field and collaborations with the best OEMs in the industry.

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info@errecom.it - errecom.com

1900 North Bayshore Drive 1A Suite 129 - 33132 Miami FLORIDA - USA

Via Industriale 14 25030 Corzano (Brescia) **ITALY**

ERRECOM MDE

Regus Nassima Tower Office 507 Sheikh Zayed Road Trade Center District **DUBAI**