

**MAGNETI  
MARELLI**

PARTS & SERVICES

## Car Air Conditioning 2024/2025





# Alaska Prime H / Alaska Prime R

## Air Conditioning Service Units

### Air Conditioning Service Units

The new range of A/C service units, ALASKA PRIME and EVO, meets all the technical needs of professional service technicians for the maintenance and repair of air conditioning systems, including those on hybrid and electric vehicles.

The range consists of four models, ALASKA PRIME R for R134a gas, ALASKA PRIME H for HFO1234yf gas, and ALASKA EVO R for R134a gas and ALASKA EVO H for HFO1234yf gas.

The new ALASKA range includes a number of features specially designed to make A/C service more efficient, simple to use and friendly to the environment and surroundings.

**SECURE CHARGE:** It ensures that the A/C system is filled regardless of its capacity and ambient temperature.



Made in Italy




### Key benefits



Effective A/C system filling procedure, regardless of ambient temperature.



USB interface for software updates and remote diagnostics.



Ultra compact size, ideal as a mobile solution.



Database with a free 2-year update

alaska  
prime

- ✓ **SECURE CHARGE:** It ensures that the A/C system is filled regardless of its capacity and ambient temperature.
- ✓ **VACUUM PUMP OIL REGENERATION:** The internal vacuum pump cleaning process has significantly extended the oil change intervals (up to 1000 hours), significantly reducing maintenance costs.
- ✓ **ECO QUICK COUPLERS:** No refrigerant leaks thanks to the total recovery of the gas from hoses and quick connect fittings.
- ✓ **AUTOMATIC CYLINDER VENTING:** Thanks to the automatic discharge of non-condensable gases, only pure refrigerant is contained in the inner cylinder
- ✓ **REMOTE ASSISTANCE:** With Wi-Fi connectivity and Alaska **MANAGER** software, an authorized technician can take control of the device remotely and provide the right support or operation through a special function with a unique code generated by the device.



Made  
in Italy



## FEATURES

- ▶ Safe fill | Reconditioning the vacuum pump oil
- ▶ LCD display
- ▶ Metal housing
- ▶ Built-in database with 2 year free upgrade
- ▶ Automatic Air Purge
- ▶ 2 oil tanks: (1 for new oil, 1 for used oil)
- ▶ Remote assistance (USB)

## SPECIFICATIONS

- ▶ Dimensions: 532 x 617 x 957 mm
- ▶ Weight 65 kg
- ▶ Cylinder capacity: 12 l
- ▶ OPTIONAL:

Eco quick couplers

Thermal printer for printing service reports

Service kit for hybrid and electric vehicles

Nitrogen leak test or hydrogen leak test kit

Gas Identifier

Dedicated database for agricultural and construction machinery (for Prime R only)

## Alaska Prime R | Alaska Prime H

Alaska Prime A/C service units offer a wide range of applications thanks to their compact dimensions and low weight.

With Alaska Prime R (R134a) and Alaska Prime H (R1234yf), you can achieve the highest level of service for your air-conditioning systems without major investment, while ensuring maximum environmental responsibility. These units are characterised by a high level of precision and outstanding robustness, which, combined with their compact size, make them ideal for mobile use. Their operation is simple and intuitive, minimizing the risk of damage to the vehicle being operated or the unit itself. With an optional database dedicated to agricultural and construction machines, it is the ideal tool for mobile heavy equipment service. In this case, it may be helpful to use an additional service hose extension kit to connect in a variety of hard-to-reach areas.

# Alaska EVO H / Alaska EVO R

## Air Conditioning Service Units

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alaska  
evo



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## CECHY

- ▶ Safe fill | Reconditioning the vacuum pump oil
- ▶ 7" high resolution touch screen display
- ▶ One-Touch cover opening
- ▶ Built-in database
- ▶ Automatic Air Purge
- ▶ 2 oil containers: (1 for new oil, 1 for used oil)
- ▶ REMOTE ASSISTANCE - Wi-Fi

## SPECIFICATIONS

- ▶ Dimensions: 620 x 720 x 1090 mm
- ▶ Weight: 74 kg
- ▶ Cylinder capacity: 12 l
- ▶ OPTIONAL:

Eco quick couplers

Thermal printer for printing service reports

Service kit for hybrid and electric vehicles

Nitrogen leak test or hydrogen leak test kit

Gas Identifier

Dedicated database for agricultural and construction machinery (for EVO R only)

## Alaska EVO H | Alaska EVO R

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With Alaska Prime R (R134a) and Alaska Prime H (R1234yf), you can achieve the highest level of service for your air-conditioning systems without major investment, while ensuring maximum environmental responsibility.

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# Air Conditioning Service Units



	ALASKA PRIME R (007936701000)	ALASKA PRIME H (007936701010)	ALASKA EVO R (007936701020)	ALASKA EVO H (007936701030)
Gas type	R134a	R1234yf	R134a	R1234yf
High performance vacuum pump	50 l/min , 0,02 mbar	50 l/min , 0,02 mbar	50 l/min , 0,02 mbar	50 l/min , 0,02 mbar
Cylinder capacity	12 l	12 l	12 l	12 l
Compressor displacement	8 cc	8 cc	14 cc	14 cc
Pojemność filtra osuszacza (ilość odzyskanego gazu)	50 kg	50 kg	100 kg	100 kg
Recovery	>95%	>95%	>95%	>95%
Pressure sensors	LP	LP	LP	LP
Oil containers	2 (new oil, used oil)	2 (new oil, used oil)	2 (new oil, used oil)	2 (new oil, used oil)
Oil scales	NONE	NONE	YES	YES
Operating temperature	10°C + 50°C	10°C + 50°C	10°C + 50°C	10°C + 50°C
Zasilanie	230 V, 50 Hz, 800 W	230 V, 50 Hz, 800 W	230 V, 50 Hz, 800 W	230 V, 50 Hz, 800 W
Length of hoses	3 m	3 m	4,5 m	4,5 m
Display	black and white 35x200 mm 4 lines/30 charac-ters	black and white 35x200 mm 4 lines/30 charac-ters	7" colour touch screen	7" colour touch screen
Keyboard	4 arrow buttons, OK, ESC	4 arrow buttons, OK, ESC	touch screen	touch screen
Menu languages	25	25	25	25
Warranty	24 months	24 months	24 months	24 months
Certificates	CE, PED	CE, PED	CE, PED	CE, PED
Automatic air purge	Automatic / manual valve	Automatically / manually from the menu	Automatically / manually from the menu	Automatically / manually from the menu
Service report printout	USB (pdf)	USB (pdf)	Wi-Fi/e-mail/USB (pdf)	Wi-Fi/e-mail/USB (pdf)
Automatic refrigerant recovery and delivery	✓	✓	✓	✓
Automatic oil recovery from the system	✓	✓	✓	✓
Manual operation mode	✓	✓	✓	✓
Automatic service hose compensation	✓	✓	✓	✓
Secure Charge filling function	✓	✓	✓	✓
Reconditioning the vacuum pump oil	✓	✓	✓	✓
A/C performance test	✓	✓	✓	✓
Cylinder pressure reading	✓	✓	✓	✓
Gas Identifier	USB	USB	Wi-Fi	Wi-Fi
Wireless connectivity	007936701140 OPTIONAL (BT)	007936701140 OPTIONAL (BT)	✓	✓
Hermetically sealed containers (Humidity Stop)	007936701240 OPTIONAL	007936701240 OPTIONAL	007936701240 OPTIONAL	007936701240 OPTIONAL
Service hose extension kit - 3.5 m	007936701080 OPTIONAL	007936701080 OPTIONAL	007936701080 OPTIONAL	007936701080 OPTIONAL
Eco quick couplers	007936701220 OPTIONAL	007936701230 OPTIONAL	007936701220 OPTIONAL	007936701230 OPTIONAL
Gas Identifier	007936701170 OPTIONAL	007936701170 OPTIONAL	007936701180 OPTIONAL	007936701180 OPTIONAL
Service kit for electric and hybrid vehicles	007936701110 OPTIONAL	007936701110 OPTIONAL	007936701100 OPTIONAL	007936701100 OPTIONAL
Zestaw do sprawdzania szczelności azotem bez detektora	007936701200 OPTIONAL	NO	007936701200 OPTIONAL	NO
Zestaw do wykrywania nieszczelności hydroge-nem	007936701090 OPTIONAL	007936701090 OPTIONAL	007936701090 OPTIONAL	007936701090 OPTIONAL
Interfejs USB/Wi-Fi/Bluetooth do zdalnej dia-gnostyki, aktualizacji bazy danych i oprogramo-wania.	007950025880 OPTIONAL	007950025880 OPTIONAL	007950025880 OPTIONAL	007950025880 OPTIONAL
Pokrowiec ochronny	007936701070 OPTIONAL	007936701070 OPTIONAL	007936701190 OPTIONAL	007936701190 OPTIONAL
Drukarka termiczna	007936701120 OPTIONAL	007936701120 OPTIONAL	007936701130 OPTIONAL	007936701130 OPTIONAL
Drukarka termiczna	007936701150 OPTIONAL	007936701150 OPTIONAL	007936701160 OPTIONAL	007936701160 OPTIONAL



Filter ALASKA PRIME  
007936701050



USB Database Upgrade for ALASKA PRIME / Database AGRI  
007936701070

USB Database Upgrade for ALASKA EVO  
(CARS) - online  
007936701190

USB Database Upgrade AGRI for ALASKA EVO  
(only R) - USB  
007936701200



Alaska Prime / EVO extension cable set  
007936701080



Nitrogen tightness test kit  
Alaska Prime / EVO  
007936701090



ALASKA EVO hybrid car service kit  
(includes tank and activation code)  
007936701100

ALASKA PRIME hybrid car service kit  
(includes tank, activation code and cable connector)  
007936701110



Bluetooth kit for ALASKA PRIME  
007936701140



Printer for ALASKA PRIME  
007936701150  
Printer for ALASKA EVO  
007936701160



Refrigerant ID to ALASKA PRIME  
007936701170



Coolant ID for ALASKA EVO  
007936701180



ECO quick coupler set for R134 Alaska Prime / EVO  
007936701220  
Sada rychlospojek ECO dla R1234yf Alaska Prime / EVO  
007936701230



ECO quick coupler set for R1234yf Alaska Prime / EVO  
007936701240



Container with silicone cartridge  
in oil container (3 pcs)  
007936701250



Refrigerant ID filter  
007936701620



Universal vacuum pump oil 0,5L  
for all vacuum pumps  
007935090600



Universal vacuum pump oil 1L  
for all vacuum pumps  
007950024880



Filter drier for ALASKA EVO  
007936701040



Safety cover for ALASKA PRIME  
007936701120



Safety cover for ALASKA EVO  
007936701130



# ACCHECK500

## Test bench for electric air conditioning compressors

007935013920

### Adapter kit for ACCHECK500

additional kit contains 38 cables and adapters

007935013930



A kit of data cables (Figure 1) and power cables (Figure 2) are supplied with the station.

## Diagnostic station for automotive air conditioning electrical compressors

### CAPACITIES:

- Allows testing of compressors with an operating range of 200 V to 400 V DC
- Electromagnetic diagnosis of the clutch and control valves, whether assembled with the compressor or separately from it;
- Start-up and test of regenerated compressors;
- Pre-sales check of new compressors-analogue;
- Generation and printing of a test report on an external printer.

### ADVANTAGES:

- Test bench operation on refrigerants R134 or R1234yf;
- Two diagnostic modes: automatic and manual;
- User-friendly and intuitive touch screen menu;
- Free automatic firmware update;
- Ability to record and print diagnostic results;



Figure 1



Figure 2

Main	
Supply voltage, V	230
Mains type	Single-phase
Mains frequency, Hz	50/60
Power consumption, kW	3
Dimensions (LxWxH), mm	740×600×550
Weight, kg	40

### Kit - The equipment supply kit includes:

Name	Number, pcs.
ACCHECK500 station	1
Kit of data and power cables - 8 pieces included	8
Station operation kit	1
User manual	1
Compressors tested	
Equipment tested	With 2-pin high-voltage connector. (Units with integrated inverter)
Supply voltage of tested devices, V	200 to 400
Working gas	Compressed nitrogen (external source)
Operating pressure of nitrogen source	6.8 Bar (90..110 psi)
Nitrogen consumption	100 l/one test
Nitrogen recovery	No, the exhaust gases are discharged into the atmosphere
Nitrogen connection	SAE 1/4"
Additional	
Software update	Yes
Internet connection	Ethernet
Connecting a flash drive	USB Type-C



# ACCHECK600

## A/C compressor test bench

007935013900

### Adapter kit

### for ACCHECK600

**44 adapters/wires included**

H-series (voltage) cables - 17 pcs.

D-series (information) cables - 15 pcs.

Adapters (HP - high pressure; LP - low pressure) - 12 pcs.



007935013910

## Diagnostic station for automotive air conditioning compressors

The ACCHECK600 test station is designed for diagnosing electric air conditioning compressors in hybrid and electric vehicles. Diagnostics on all types of 12/24V belt-driven vehicle compressors. The testing process is automated: simply secure the compressor, connect the cables and adapters and then start the test. The station will detect potential problems and measure compressor performance and functionality. Compressed nitrogen is used as the working medium.

### ADVANTAGES:

- Easy connection of the compressor with special cables and fittings;
- The compressor test takes no longer than two minutes;
- Nitrogen is safe for the environment;
- Simple, intuitive control panel menu;
- The automatic diagnostic mode includes:  
checking for short circuits in the low voltage system and high voltage parts of the inverter;  
measuring the compressor performance and comparing it with a reference value from the database;
- Free software updates

Main	
Supply voltage, V	400
Mains type	Three-phase
Drive power, kW	5.5
Dimensions (LxWxH), mm	900×570×1280
Weight, kg	183
Refrigerant used	R134a, R1234yf
Refrigerant filtration	Yes (1 µm2)
Amount of refrigerant in the system, g	R134a – 1100, R1234yf – 1050
Station complement	External station
Type of refill guns	Car HP or LP
Oil used	PAG46yf
Quantity of oil in the system, g	200
Compressor test	
Rated voltage of tested units, V	12, 24
Drive speed, rpm	od 0 do 3000
Drive speed control	Stepless/stepwise
Compressor drive type	V-belt/multi-v-belt
Device bus vacuum	Yes
Refrigerant evacuation from the unit	Yes
Output parameters	HP, bar; LP, bar; Tcompressor, °C; Tevaporator, °C; Pulse width modulation %.
Additionally	
Printing results	Yes
Software update	Yes
Saving diagnostic results	Yes
Connecting peripheral devices	2 x USB 2.0
Internet connection	Ethernet, Wi-Fi (802.11 a/b/g/ac)

Heating Belt For Container 12,5 L Clima Tech Plus/Hd/Evo/  
Top/Next/Alaska 007935090760  
Heating Belt For Container 27,2 L Clima Tech Plus/Hd/Evo/Top/  
Next/Alaska 007935090770



Printer For Station Evolution Plus/Hd/Next/Alaska Start  
007935096320  
Printer For Station Alaska Start HFO/Alaska BUS  
007950015510



Mm6F / Mm7F Service Kit (Filter+Oil)  
007950024110

Air Check / Clima Tech / Next Service Kit (Filter+Oil)(Suitable for all AC  
Machines Magneti Marelli+Bosch ACS 500,450,400,Silvertronic,Tronic,  
Delphi-series Refmatic)  
007950024130



Filter Robinair Spx Valeo Dimension 76 mm  
Length 275 mm 007950025050



Filter Robinair Spx Valeo Dimension 90 mm Length 294 mm,  
M1/4"xM1/4" (ClimFill - Auto and Advance)  
007950025060



Filter Texa Dimension 76 mm Length 240 mm Connector  
M3/8"x M3/8"(series 6xx)  
007950025070



Filter Texa Dimension 76 mm Length 240 mm Connector  
M3/8"x M3/8"(series 7xx)  
007950025560



Filter Brainbee/Valeo(BrainBee CLIMA 8000, 8250, 8500,  
9000, 9000BUS,CLIMA FILL PROFIL,CLIMA FILL MAXI )  
007950025920



Filter Brainbee dimension 76 mm length 160 mm, M1/4"xM1/4"  
(Brain Bee CLIMA 6000, 6000 EVO,CLIMA FILL EASY )  
007950025930



Filter for Magneti Marelli, Bosch ACS 500, 450, 400,  
Silvertronic, Tronic, Delphi-series Refmatic stations,  
ø 76mm, 230mm long, 3/8" connectors  
007950025055



Vacuum Pump Oil 0,5 l For Diffrent  
Air Conditioning Stations 007935090600  
Vacuum Pump Oil 1,0 l For Diffrent  
Air Conditioning Stations 007950024880  
Vacuum pump oil 5 l, general purpose for all vacuum  
pumps 007950026580



Safety nitrogen connector for Clima Top Next station  
and ALASKA series stations (without ALASKA START)  
007935090850



12-month service extension on all A/C service units  
(up to 1 week after purchase)  
099994910040



2023/2024 Book Database  
007935090895



USB Database Upgrade for Ct Top Next/Ct Top  
Maxi 2023  
007935090891



Station Database Upgrade for Clima Tech Mobile/  
Evolution/Alaska Start 2023 - Memory Card  
007935090870



New Oil Or Uv Container For Clima Tech Plus  
/ Hd / Evo/ Top / Next 007935096230  
Oil drain container for Clima Tech Plus/Hd/Evo  
(not fot CT Top Next) 007935097100



Oil Drain Container for Matic/Plus  
old series/Mobile (round)  
007950013570



Oil injection container for Matic/ old series  
Plus/Mobile  
007935090915  
007935096770



R1234YFRefrigerant Station Conversion  
Kit from R134A Refrigerant (For Next Line)  
007935090865  
Kit for converting to R1234YF refrigerant from  
R134A Alaska Start HFO/Alaska BUS  
007950015580  
Hfo 1234yf Conversion Kit (For Next Line)  
007935090860



Kit For Covering Hybrid Cars For  
Clima Tech Plus/Hd Next  
007935090835



Gas analyser for the Alaska Start  
HFO/Alaska Premium HFO  
air conditioning service station  
007950015690



Additional Set For A/C Flushing For  
A/C Machines  
007950024060



Refrigerant recovery device with oil separator  
134a / R1234yf and others  
007936211345



- recovery up to 6 kg / min! high efficiency and fast recovery process
- work on all refrigerants and oil separation
- reliable ball valves, handy and light
- Cat.III: R-1 2, R-1 34a, R-401C, R-406A, R-500, HFO-1 234yf
- Cat IV refrigerants: R-22, R-401A, R-401 B, R-402B, R-407C, R-407D, R-408A, R-409A, R-41 1A, R-41 1B, R-41 2A, R-502, R-509 Cat V: R-402A, R-404A, R-407A, R-407B, R-410A, R-507, R32
- Voltage 220-240 VAC 50/60 Hz 1 10-1 27 VAC 60 Hz 100 VAC 50/60 Hz 1 10/220 VAC 50/60 Hz,
- Compressor 1/2 HP oil-free, maximum current 4A 50Hz, 8A 60Hz,
- 38 bar / 550 psi high pressure switch
- Angle. III Cat. IV Cat. V
- Recovery capacity Steam 0.23 kg / min 0.25 kg / min 0.26 kg / min
- Liquid 1.57 kg / min 1.81 kg / min 1.85 kg / min
- Push / Pull 4.64 kg / min 5.57 kg / min 6.22 kg / min
- Optional low pressure switch
- Working temperature 0-40 ° C
- Housing impact-resistant polyethylene blow molded
- Dimensions 485 mm long x 220 mm wide x 365 mm high



# REFPRO 5.0

Portable 1234yf / r134a refrigerant analyser with integrated REFPRO 5.0 printer

007936211470

**MAGNETI  
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PARTS & SERVICES

[www.wyposazeniemm.pl](http://www.wyposazeniemm.pl)

**COMPLIES  
WITH J2912**

**LEGIBLE  
PRINTOUT**

**FAST AND  
ACCURATE  
DIAGNOSIS**

**2-YEAR WARRANTY**

## Portable 1234yf / r134a refrigerant analyser with integrated REFPRO 5.0 printer.

007936211470

The REFPRO 5.0 refrigerant analyser uses state-of-the-art infrared (NDIR) technology to provide rapid refrigerant analysis. Designed for accurate analysis of 1234yf and r134a, this equipment can identify R-1234yf, R-134a, HC, moisture and air as contaminants. It even detects dangerous illegal substitutions and mixtures, including propane and butane.

### TECHNICAL DATA:

- 4,3-inch colour touch screen,
- 230V/12V power supply
- thermal printer,
- internal rinsing chamber,
- information about the type of gas
- information on the percentage of gases
- power cables the set contains: carrying case
- connector for r134a refrigerant

- quick-connect coupling for replacing gas connectors
- manual
- Quick and accurate determination of refrigerant purity
- Display of percentage concentration of R1234Yf, R134a, R22 and hydrocarbons
- Improved oil resistance (replaceable oil restrictor)

### SPECIFICATION:

- Refrigerants tested: R1234yf, R134a
- Accuracy better than (+/-) 1.0%
- Displayed percentage concentration: R1234yf, R134a HC
- Temperature range: 10°C to 50°C
- 230V/12V power supply (battery terminals)
- the set contains: carrying case
- Communication protocols: USB 2.0
- User interface: LCD + 3 buttons
- Certifications: CE, SAE
- Integral calibration pump: YES
- Oil contamination: Replaceable oil restrictor

# Ozonator M-MX PRO

007936211355



Ozone is a powerful oxidizer that removes all impurities in the passenger compartment. It effectively removes and eliminates unpleasant odours as well as fungi, bacteria and viruses that can be harmful to our health. The device, thanks to its high efficiency of 15,000 mg//h, confirmed by a certificate, is perfect for buses and large vehicle passenger compartments, and can be used for quick disinfection of passenger compartments of smaller internal volume. It is also suitable for ozonisation of rooms in buildings. The device is equipped with a printer with print personalization and a sensor that dynamically controls ozone concentration in the area being disinfected. The TFT touch display makes operation and parameter change easy and convenient.



## Technical specifications:

- Ozone generator capacity: 15,000 mg/h;
- Fan capacity: 165 m3/h
- Programmable counter statuses: 1 to 60 min;
- Infinity; Operation with/without concentration measurement
- Atmospheric operating conditions: 100±4 Kpa;
- Progress indicator lamps: 3-colour LED
- Operating environment temperature range: 5 to 40°C;
- Relative humidity of the operating environment: 80%;
- Ozone generation method: corona discharge on a ceramic plate
- Printer with data personalisation
- Ozone concentration sensor 0 to 20 ppm measuring dynamically (forced gas circulation)
- Measurement accuracy: +/- 0.01 ppm
- Inlet air filter: HEPA
- Enclosure material: stainless steel
- TFT colour LED display
- Weight: 5 kg
- Power supply: 240 V



007936211355

## APPLICATION:

- Automotive (cars, buses, caravans, campers, etc.)
- Kitchens
- Hotel and motel rooms
- Hospitals, medical studies, analytical laboratories
- Dental testing and laboratory rooms
- Public areas
- General pet odours
- Cigarettes

## BENEFITS:

- Elimination of unpleasant indoor odours (including tobacco smoke)
- Simple and effective use
- Durability of the system allowing for long life and use of the device
- Powerful biocidal and oxidizing effect
- Susceptibility of enveloped viruses to ozone
- Thorough disinfection thanks to the use of gas
- Penetration of porous surfaces
- Adapting to the standards visible in other facilities

[www.wyposazeniemm.pl](http://www.wyposazeniemm.pl)  
[www.magnetimarelli-checkstar.pl](http://www.magnetimarelli-checkstar.pl)



# Ozonizer MX-4000

Highest ozone production efficiency,  
confirmed by long experience!

007936210010

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[www.wyposazeniemm.pl](http://www.wyposazeniemm.pl)



4000  
mg/h

## Ozonator MX4000

- ozone production device

007936210010



By ionising the atmospheric air, the MX4000 device produces an unstable allotropic form of oxygen – ozone O<sub>3</sub>. Ozone, as a very strong oxidiser, removes all contaminations from the cabin. It removes residual water collecting on the floor covering and A/C system evaporator. It also eliminates unpleasant odours as well as fungi, bacteria and viruses dangerous to our health. Due to its high level of efficiency – over 4000 mg/h – the device works well for buses and larger vehicle cabins, it also enables much quicker decontamination of passenger cars. Ozone (O<sub>3</sub>) is a part of atmospheric air, generated as an effect of ultraviolet radiation. Ozone is heavier than air, unstable and quickly decomposing. The decomposition process contributes to the increase of air temperature, humidity and pollution. Ozone decomposes in water quicker than in the air. In its gaseous form, ozone is transparent, with a blue tint in thicker layers. Liquid ozone is dark blue, solid state – nearly black. Ozone is very strong oxidant, much more potent than regular oxygen.

- Ozone generator efficiency: 4000 mg/h
- External pump capacity: 10-15 l/min
- Programmable counter states: 1-60 min
- Pressure generated by the pump: 17 Kpa
- Working environment: inside well-ventilated rooms without corrosive gases
- Atmospheric operation conditions: 100±4 Kpa
- Operating temperature range: 5-40 °C
- Operating relative humidity: <80%
- Ozone generation method: corona discharges
- Outlet conduit diameter: 8 mm
- Power supply: AC 220-240V 50Hz

YouTube





# BACTOBAN

007936211125 ultrasonic disinfection device

**Bactoban** - an innovative device for cleaning air-conditioning systems in passenger cars, agricultural machines, construction machines and trucks with the use of chemical substances.

**BACTOBAN** is an efficient ultrasonic device for refreshing air-conditioning systems and vehicle interiors, designed to use ultrasound to break down a dedicated disinfectant liquid to vapour with particles from 2 to 3 microns.

**PARAMETERS:**

- Supply voltage 230 V
- Capacity >300 ml/h
- Operating temperature 5 °C – 55 °C
- Particle diameter 2-3 µm
- Sound signalling for processes
- Control panel
- Overheating protection
- Low liquid level protection
- Possibility to use all liquids available on the market

**INCLUDED IN THE KIT:**

- Fungus removal device
- Exhaust chimney
- Equipment
- Power cord
- Warranty 24 months
- Operating instructions
- Packaging
- CE declaration

**230 V**

OVERHEATING  
PROTECTION

**300  
MI/h**

SOUND  
SIGNALLING  
FOR PROCESSES

**5-55  
°C**

CONTROL  
PANEL

**2-3  
µm**

**1,5  
kg**



A set of Refreshing Liquides for an ultrasonic device - 3 fragrances- 12 pcs (4 pcs each)  
007950026530

Refreshing Liquide for Ultrasonic Device

- „Pine“ - 250ml - 12pcs

007950025350

Refreshing Liquide for Ultrasonic Device

- „Lavenda“ - 250ml - 12pcs

007950025360

Refreshing Liquide for Ultrasonic Device

- „Musk“ - 250ml - 12pcs

007950025370



Set Of 2 Decontamination Sprays 100 ml Foam  
and 150 ml “Granate”

007950024870



The Magneti Marelli refreshing spray is a guarantee of a fresh smell and hygienic and clean car cabin. The disposable “grenade” is used to quickly remove bacteria, fungi and refresh the smell in the cabin.

Decontamination Spray

- Singel-Use “Granate” 200 ml Lavenda

007950024020

Decontamination Spray - Singel-Use

“Granate” 200 ml Pine

007950024021

Decontamination Spray - Singel-Use

“Granate” 200 ml Musk

007950024022

Decontamination Spray - Singel-Use

“Granate” 200 ml Podwer

007950026510

Decontamination Spray - Singel-Use

“Granate” 200 ml Vanilla

007950026520



Refreshing liquid 5000 ml

007950025150



Cleaning Spray For Condenser 400 ml  
(2 pieces)

007950024050



Fluid For Ultrasonic Nebulizer - Universal 1 l

007950025490



Fluid For Ultrasonic Nebulizer - Universal 5 l

007950025500



Concentrate for refreshing - 1000 ml

007950025160



Cleaning Liquid For Evaporators 5 l

007950025170



Cleaning Liquid For A/C System Elements  
(Active Foam) 1 l

007950025180



Antibacterial refreshing spray 400 ml with  
dispensing tube (reusable)

007950024900



Decontamination Foam 400 ml

007950025630



R134A Gas Analyzer  
007935090940



**MINI ID - R134a REFRIGERANT ANALYZER:**

At the moment on the automotive market there is refrigerant. To prevent damage to the air conditioning system in your car or station air conditioning maintenance, control of quality factor. Mini ID is able to verify the quality of R134a refrigerant for air too much content as well as propane or butane pollution.

**SPECIFICATIONS:**

- Weight: 0.8kg
- Supported factors: R134a (Tetrafluoroethane)
- Tolerance: Correct / Incorrect - 95% Pure R134a
- Certificates: SAE J1771 and CE
- User Interface: Membrane buttons with indicator lamps
- The calibration method: Manual pump
- Storage temperature: -10°C to + 50°C
- Operating temperature: + 10°C to + 45°C

Legend HFC refrigerant identifier  
007935021240

Legend HFC refrigerant identifier. For all refrigerants.

- Identified refrigerants: minimum: R22, R32, R134a, R404A, R407C, R410a, hydrocarbons (HC), air
- Identified refrigerants: minimum: R12, R1234yf, R417A, R421A and hydrocarbons (HC)
- accuracy of  $\pm 2\%$  of indicated gas or better



Pirometer/Laser Thermometer  
007950013810

Professional device for measuring the temperature of objects moving, inaccessible or dangerous to the touch. The pyrometer is equipped with a laser sight, precisely defining the place of measurement, has a high accurate to within 0.1°C. Allows for 15 hours continuous operation.



Clima Tester – Pwm valve adjustment device  
007935063040



MM vcomp serves as a direct power supply to control valve for all clutchless, directly driven air compressors with an external performance control without having to create a connection to the electrical system of the vehicle. User-friendly format allows significant time savings during the diagnosis of air conditioning equipment. With MM vcomp, you can add new aspects to the A/C system diagnostics you offer.

**TECHNICAL SPECIFICATIONS:**

- Power supply: 11-15 V
  - Temperature range: -10°C to +40°C
  - Storage temperature: -20°C to +50°C
  - Current intake: max. 3A
  - Compressor control efficiency: 3%-100%
- Currently supported models:  
Denso:  
5SER09, 5SE09C, 6SEU14, 6SEU16, 7SEU16, 7SEU17  
Sanden:  
PXE13, PXE16

Digital Thermomete  
007950024030

- temperature range -50 C to +300 C



Dual Infrared Thermometer /  
Contact  
007950013830

Accurate thermometers, necessary in diagnosing systems C - laser thermometer, thermometer with probe or infrared digital thermometer.



Device filter  
Refpro/Ultime/Refpro 5.0  
007935020020  
Thermal paper for Ultime  
analyzers  
007935020030



GAS ID R1234yf:  
007935021060

Every professional car workshop equipped with this type of identifier is protected against the consequences of using the wrong refrigerant, i.e. damage to the A/C system or A/C service station. Some A/C systems and A/C service stations are equipped with appropriate detectors verifying the correctness of the refrigerant and it is also possible to use a hand-held identifier, via a USB connection, to verify the correctness of the refrigerant supplied. In practice, however, it is better to use an external detector in order to avoid contamination or damage to the system as a result of supplying the wrong refrigerant or the one contaminated with substances of unknown origin.

- Přesnost měření: (+/-) 1,0 %
- Přípustná čistota chladiva: 98 %
- Chladivo R1234yf, 5 kg (007950014325), souprava s 007950014561
- Vyměnitelná láhev pro vícenásobné použití, 12 kg

**TECHNICAL DATA:**

- Detected refrigerant: R1234yf
- Measurement accuracy: 95%
- Power supply: 12V DC • Operating temperature: 10-45°C
- Sample factor in pure form without oil • Inlet pressure: 1.38Bar - 20.70 bar



# MM AC Guard

007936210780



## PROFESSIONAL, INDISPENSABLE, EASY TO USE PREVENTS PROBLEMS WITH HFO POLYMERISATION

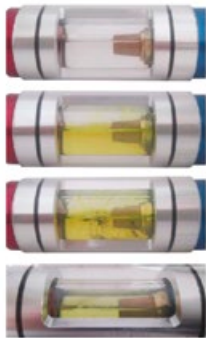
**HFOs are the fourth-generation** refrigerant gases most widely used in recent years in the automotive market and beyond. R1234YF is successfully used in all newly installed air conditioning systems from 2017 onwards due to its environmentally friendly properties and high efficiency. Recently, however, it has caused a lot of problems for technicians in the industry. There have been several reported cases of polymerisation of R1234YF gas, a phenomenon that can lead to extensive damage to the air conditioning system as well as the service stations themselves. The damage in some cases is irreversible as can be seen in the attached photos. The gas takes a solid form that can only be removed mechanically.

### PROTECT YOUR SERVICE EQUIPMENT AND FACILITIES

by means of a special kit that allows simultaneous filtration and observation of the recovered or injected refrigerant. The kit is universally applicable and also allows observation of oil contamination, filtration of swarf. Applicable to all CFC, HFC, HFO and other refrigerants.

### MAIN APPLICATIONS

When recharging refrigerant gas cylinders at an A/C service station;  
When recovering gas from the air conditioning system using a station or recuperator.



Clean system

Presence of UV additive/leak stop

Presence of impurities

Presence of humidity



Example 1



Example 2



Example 3

### Extended set for disassembly of compressor components 007950016020

For removing elements compressor. Contain all of the tools necessary to replace seals, clutches and clutch bearings in equipment brand Diesel Kiki (Zexel), Hitachi, Mitsubishi, NIPPONDENSO, Seiko-Seiki and Sanden 505, 508, 510, 575, 708 and 709. Set was packed in foam cut pockets and enclosed in a hard metal tool box. The set is accompanied by instructions. Set includes: Key to pull the seal York

Set contains:

- Handle to the compressor
- The key to drive the bearing Diesel Kiki
- The key to setting up the clutch Diesel Kiki
- The key to remove and attach the pulley bearings
- Spindle pulley
- Body puller
- Universal key to the clutch
- The key to downloading and reinstalling the seal
- Protective sleeve seals
- The key to setting up the clutch disc
- The key to removing the clutch disc brand NIPPONDENSO
- The key to the prosecution nut Diesel Kiki



### Complete set for disassembly of compressor components 007950016010

Complete set for removing elements compressor. Contain all of the tools necessary to replace seals, clutches and clutch bearings in equipment brand Diesel Kiki (Zexel), Hitachi, Mitsubishi, NIPPONDENSO, Seiko-Seiki and Sanden 505, 508, 510, 575, 708 and 709. Set was packed in foam cut pockets and enclosed in a hard metal tool box. The set is accompanied by instructions.

Set includes:

- Key to pull the seal York
- Handle to the compressor
- The key to drive the bearing Diesel Kiki;
- The key to setting up the clutch Diesel Kiki
- The key to remove and attach the pulley bearings
- Spindle pulley; Body puller; Universal key to the clutch
- The key to downloading and reinstalling the seal; Protective sleeve seals
- The key to setting up the clutch disc
- The key to removing the clutch disc brand NIPPONDENSO;
- The key to the prosecution nut Diesel Kiki



### Basic set for disassembly of compressor components 007950016030

The basic set to dismantle parts of the compressor kit includes:

- Universal key to the clutch
- Key to remove the blade and clutch company Sanden
- SD 5 and 7 bearing
- The key to inserting / removing the clutch disc metric
- The key to inserting / removing the clutch disc gradual Chrysler C171 / Ford S 61
- Hitachi-MI / Tecumseh
- Hr-9801
- Key removing / attaching NIPPONDENSO GP / 109 put off spindle clutch disc



### Oil acidity test 007950026480



### AC Capacity Stimulator and Enhancer - 30ml 007950026500



### Mineral oils neutraliser 150 ml 007950026590 Ester oils neutraliser 007950026600



### Electronic Scale 80 kg 007950025380

Max load 80 kg Eletronic LCD screen wit accuracy 10 g.  
Packed in robust and quality plastic suitcase





Valve unscrewing device  
for replacing valves without draining the  
refrigerant, adapters r134a +1234yf  
007950025200



Blue Hose 250 cm  
Ø 1/4" x Ø 1/4" SAE  
007950013760  
Blue Hose 250 cm  
Ø 1/4" SAE x Ø 1/4" SAE  
007950024730  
A/C Unit Hose - 250 cm For Refrigerant 1234yf Blue  
1/4"SAE X1234yf  
007950024960  
Blue Hose 4000 mm For Refrigerant R1234yf  
1/4"SAE X1234yf  
007950024965



Red Hose 250 cm  
Ø 1/4" x Ø 1/4" SAE  
007950013770  
Red Hose 250 cm  
Ø 1/4" SAE x Ø 1/4" SAE  
007950024720  
A/C Unit Hose - 250 Cm For Refrigerant 1234yf  
Red 1/4"SAE X1234yf  
007950024950  
Red Hose 4000 mm For Refrigerant R1234yf  
1/4"SAE X1234yf  
007950024955



LP CO2 quick coupling  
007950027370



HP CO2 quick coupling  
007950027380



Quick Coupler LP 1/4" 16 mm  
007950013780



Quick Coupler HP 1/4" 16 mm  
007950013790



Quick Coupler 180° 1/4" LP  
007950024000



Quick Coupler 180° 1/4" HP  
007950024010



Quick Coupler Hp For 1234yf  
1/2" ACME M14 x1.5  
007950024930



Quick Coupler Lp For 1234yf,  
M14 x1.5  
007950024940



Quick Coupler HP M14 x1.5 with connector  
on 1/4 "SAE Male  
007950025230



Quick Coupler LP M14 x1.5 with connector  
on 1/4 "SAE Male  
007950025240



Quickcoupler Parker® low pressure  
LP M14x 1.5 mm  
007935020080



Quickcoupler Parker® low pressure  
LP 1/4" SAE  
007935020100



Quickcoupler Parker® high pressure  
HP1/4" SAE  
007935020110



Quickcoupler Parker® high pressure  
HP M14x 1.5 mm  
007935020090



Quickcoupler LP HFO 1234 yf Parker  
007935020120



Quickcoupler HP HFO 1234 yf Parker  
007935020130



Quick Coupler BMW  
007950024560



BMW, Ford quick coupling extended  
for R1234yf HP  
007936211119



BMW, Volvo, Ford R134a HP  
adapter extension, straight  
007935021100



Quick Coupler For Renault Hp-Lp  
007950025250



180 HP quick coupling for R1234yf  
007936211118



180 LP quick coupling for R1234yf  
007936211121



Extension for LP port  
to factor R1234yf  
007950027040



Extension for LP port  
to factor R1234yf  
007950027070



O-Rings Holder  
007950024820



Ford Kit Springlock 4 Pieces  
007950024760



Spring Lock Tool LP hose for Toyota  
007950025020



Spring Lock Tool HP hose for Toyota  
007950025030



Additional Filter  
007950013800



Condenser Fuse Comb  
007950025040



Valve Core Remover  
007950024350



Orifice Tube Dimounting Kit  
007950025220



Oil Injector 1/4" Ffl X 1/4" Mfl  
007950014140



Octagonal Wrench For Lp R134A Socket Remove  
007950014150



Octagonal Wrench For Hp R134A Socket Remove  
007950014160



3W + UV Swivel Light  
007935030020

Magneti Marelli Workshop lamps have robust chasis and IP54 resistance class: usb and 230V charge - bottom with magnet - breaking 120° - Hooks - led with UV 3W + UV Beacon

Features and Specifications:

- 3W front COBLED provide> 240 lumens
- The upper LED with UV 395 - 410nm
- The rotation of 120 degrees
- magnet in the lower part of the handle
- Clip-on "nest" in the lower / upper part of the handle
- Charging socket with level indicator
- 2-3 hours
- 3-4 hours to recharge
- Adapter 5V 1A CE mini-USB cable



Swivel 3W Workshop Lamp  
COB LED+ UV mini front lighting  
007935030130

- 0.9W front COBLED provide 90-110 lumens
- upper LED with UV 395-410nm
- the rotation of 120 degrees magnet in the lower part of the handle
- charging socket with level indicator
- 2.5-3 working hours
- incl. mini-USB



Light with narrow UV head 395  
COB LED 150/75 Top SMD LED 30 lm  
UV LED provides 395 nm 1200 mAh  
007935030240

- COB LED front provides 150 lumens
- SMD LED provides 65 or 130 lumens UV provides 395 nm
- Two light brightness settings
- 180-degree swivel head, both directions
- Adjustable swivel hook
- Power supply: 3,7 V 750 mAh Li-Ion battery.
- Working time 2h
- Charging - micro USB



UV Lamp 12V/50W (Additionally Oil With  
UV + Uv Dye Cleaner)  
007935090120

- Allows for a quick leak localization in the system by the use of an electronic probe or a UV lamp.
- 6 sensitivity degrees (15 detection degrees)
  - three-color electronic scale indicating the volume of leakage
  - detects leaks up to 3 gr/year
  - detects all CFC, HCFC, HFC agents
  - flexible probe 43cm long



UV Lamp 100 W  
007950024700

- UV lamp 100W
- Safety glasses



50W UV lamp with charger  
and glasses 007950025190  
the set includes:  
50W UV lamp with charger and glasses  
(internal battery and glasses)



Special Uv Glasses  
007950025280



Electronic Leak Detector With Uv Lamp  
007950013850

- Allows for a quick leak localization in the system by the use of an electronic probe or a UV lamp.
- 6 sensitivity degrees (15 detection degrees)
  - three-color electronic scale indicating the volume of leakage
  - detects leaks up to 3 gr/year
  - detects all CFC, HCFC, HFC agents
  - flexible probe 43cm long
  - battery test
  - very bright UV diode lamp



# Hydrogen kit

## 007950025880

**NITROGEN/HYDROGEN LEAKAGE  
TEST KIT(1KG HYDROGEN CYLINDER,  
REGULATOR, 40 BAR PRESSURE  
GAUGE, DETECTOR,  
SHUT-OFF VALVE)**

The refrigerant leak detector (H<sub>2</sub>) allows a hydrogen leak to be detected quickly. Its sensitivity is 5 ppm. A new forming gas mixture of 5% hydrogen (H<sub>2</sub>) + 95% nitrogen (N) is used as a refrigerant and in air conditioning systems. For this reason, a good leak detector can help with maintenance and leak detection, thereby increasing refrigerant performance.

- Microprocessor-based control with advanced digital signal processing.
- Multi-colour display.
- Selector switch for high-medium-low leak detection sensitivity.
- Low battery indicator.
- Solid-state gas sensor.
- Detecting a mixture of 5% hydrogen (H<sub>2</sub>) + 95% nitrogen (N).
- Case included.
- 15.5" (40 cm) flexible stainless steel probe.
- Reference leakage source attached.
- Resetting the ambient concentration.
- Brushless DC fan with long service life.
- Automatic zero and background compensation.



Nitrogen/hydrogen  
leakage test kit

included:  
2.2 kg hydrogen cylinder,  
regulator, 50 bar pressure gauge,  
detector, shut-off valve  
007936211590



Cylinder With Hydrogen 1 l  
007950025890



Cylinder With Hydrogen 2,2L  
007950025892





**Electronic Leak Detector Hydrogen  
007950025820**

Enables quick location of leakages in the system using an electronic probe with acoustic or visual leakage alert.

Detected gases:

Mixture of 5% hydrogen (H<sub>2</sub>) + 95% nitrogen (N). Sensitivity: below 5 ppm.

	H	M	L
95% N <sub>2</sub> , 5% H <sub>2</sub>	2g/year	15g/year	30g/year

**FEATURES AND SPECIFICATION:**

- 3 sensitivity degrees (5 detection levels)
- electronic scale for leakage severity notification
- detects leakages up to 3 g/year
- detects the mixture of hydrogen and nitrogen
- flexible 43 cm probe, battery test
- acoustic alarm signalling leakage severity



**Hydrogen Electronic Leak Detector 1234yf  
007950025830**

**ELECTRONIC DETECTOR LEAK**

Allows you to easily locate the leak in the system with the help of electronic signaling probe audibly or visually leak.

**Specifications:**

Detectable gases R-134A, R-404A, R407C, R-410A, R-22, etc. 1234yf.

**Sensitivity:**

H M L R22,134a 3 g / year 15 g / year 30 g / year  
R-404A, 407C, 410A 4 g / year 20 g / year 40 g / year  
1234yf 3 g / year 15 g / year 30 g / year

Alarm mode: buzzer, diode bar, tri-color indicator

Used Power: 4 AA alkaline batteries (6V DC)

Cable length: 40 cm (15.5")

Dimension / Weight: 173 x 66 x 56 mm (approximately 400 g)

Accessories: Alkaline batteries - 4 pieces.

Manual, bottle leakage control, carrying case for transporting



**Electronic Professional CO<sub>2</sub>  
Leak Detector (R744)  
007950027360**

The fully automatic Optima detector is very energy-efficient, handy but also highly sensitive, and locates even the most difficult leaks. It is ideal for repairing refrigeration systems based on carbon dioxide or any general purpose, which is designed to detect leaks, where compressed carbon dioxide can be used as the test gas.

Also in the latest models of Mercedes or Audi vehicles, using R744.

**Specification:**

- Microprocessor control with advanced digital signal processing.
- Colour display.
- High-medium-low leakage detection sensitivity switch.
- Optical gas sensor.
- Detection gas: R744 (CO<sub>2</sub>)
- Case included.

**Technical specifications:**

- Warm-up time: 45 sec.
- Operating temperature: 0 °C to 40 °C (32 °F to 104 °F)
- Dimensions: 222 mm x 66 mm x 51 mm
- Weight: 418 g (with battery)
- Energy consumption: Lithium-ion battery 3.7 V DC.
- AC power supply: 5 V 1 A



**Electronic leakage detector, refrigerants:  
HFC, R134A, R1234yf, Hydrogen  
007950027000**

- Microprocessor control with advanced digital signal processing.
- Colour display.
- High-medium-low leakage detection sensitivity switch. Low battery indicator.
- Semi-conductor gas sensor.
- Detects the mixture of 5% hydrogen (H<sub>2</sub>) + 95% nitrogen (N).
- Case included.
- 15.5" (40 cm) flexible stainless probe.
- Included referential leakage source.
- Resetting environment concentration.
- Heavy-duty, brushless DC fan.
- Automatic zero and background compensation

**Specifications**

Detected gases: R-134A, R-404A, R407C, R-410A, R-22, 1234yf, etc.

Sensitivity:

Detected gases: Mixture of 5% hydrogen (H<sub>2</sub>) + 95% nitrogen (N). Sensitivity: below 5 ppm.

	H	M	L
R22,134a	3g/year	15g/year	30g/year
R-404A, 407C, 410A	4g/year	20g/year	40g/year
1234yf	3g/year	15g/year	30g/year

	H	M	L
95% N <sub>2</sub> , 5% H <sub>2</sub>	2g/year	15g/year	30g/year



Alarm mode: buzzer, LED strip, three-colour indicator

Power supply: 4 alkaline AA batteries (6V DC)

Conduit length: 40 cm (15.5")

Dimensions/weight: 173 x 66 x 56 mm (approximately 400 g)

Accessories: Alkaline batteries - 4 pcs.

Instruction manual, leakage testing bottle, transport case

Battery autonomy: approx. 7 hours of normal use

Automatic switch-off: 10 minutes

Automatic switch-off deactivation: press the "Hi" button and switch off the device

Heating up time: approx 45 seconds

Operation temperature and humidity: 0 - 40°C, <80% RH

Storage temperature and humidity: -10 - 60°C, <70% RH

Altitude above sea level: <2000M (6500')

**Kit for nitrogen testing up to 35 bar complete  
007936210760**

**Included:**

- 35 bar reducer
- 2.5 m cable
- HP R134a quick coupler
- 40 bar test gauge
- connection cable 1m yellow
- suitcase



**Sensor for electronic leak detector  
007950014310**

**Sensor for electronic leak detector,  
multi-purpose (007950027000)  
007936211110**

**Sensor for electronic leak detector, hydrogen  
(007950025820)  
007950027010**

**Sensor for electronic leak detector, R1234yf  
(007950025830)  
007936210740**

Protective cap for leak detectors without thread (old type) (Pasuje do 007950025830, 007950027000, 007950025820)  
007936211340



**Diode UV  
430104017590**



Manometers Set 1/4" 63 mm without hoses  
430104017091



Pressure gauges for refrigerant 1234yf  
007950024715



Gauge for checking for leaks in automotive air conditioning systems filled factor 1234yf. The kit consists of two pressure gauges mounted on a common manifold equipped with a connector pipes.  
( WITHOUT CABLE )

Pressure gauge set (scale R1234a, R1234yf, R32, R4110A), 2.5m cables, quick couplers R134, key in case  
007950024710

Set contains:  
case, manometers,  
3 hoses (2.5 m),  
2 quick couplings



Pressure gauge set for factor 1234yf (scale R1234a, R1234yf, R32, R4110A), hose 2.5 m, quick couplings R1234yf, key in case  
007950024725

Set for a comprehensive checking leaks in automotive air conditioning systems operating on 1234yf factor. Zawiera set of gauges, hoses and quick-wrapped in aesthetic and durable carrying case.



Mobile Set For Nitrogen Tests (1 kg Nitrogen Bottle, Reducer, Pressure Gauge 40 Bar)  
007950025860

Leak test kit for automotive air-conditioning system with nitrogen.

The kit includes:

- Case of polypropylene
- Pressure regulator for cylinders with a capacity of 5 liters
- Pressure gauge with hose and a three-way valve
- The yellow wire 1500mm
- Bottle Hydrogen (a mixture of nitrogen and hydrogen)- 1 liter
- Reduction for cylinders with a capacity of 1 liter
- Leak Detector hydrogen



Leak Finder 400 ml  
007950024690



Manometer 40 Bar with hose  
30 cm and valve  
007950025870



UV Dye Remover 400 ml  
007950025270



Nitrogen 1 l  
007950024980



Pressure Reducer For Nitrogen 1 l  
007950025310



Pressure Reducer For Nitrogen Professional (Max 34 Bar)  
007950024990



Leak test kit for CO2  
007950027520



CO2 refrigerant cylinder for VW\_AUDI  
007950027570  
Refrigerant weight: 420 grams/  
empty cylinder: 935 grams



CO2 refrigerant cylinder for MB  
007950027565  
Refrigerant weight: 340 grams/  
empty cylinder: 926 grams



## COOL WEATHER - AIR CONDITIONING SYSTEM CLEANING DEVICE

007950024620



Magneti Marelli wants to present the COOL WEATHER washing unit, designed for car air conditioning systems. It is sometimes the case, after an accident, that metal particles from the compressor or other solid elements enter the air conditioning system. This results in contamination of the system, reduction of its efficiency and, usually, seizing the compressor. This is one of the many reasons for compressor damage. Replacement of the compressor will not alleviate the problem with the air conditioning system. The solid particles in the system will reenter the new compressor and damage it as well, block the decompression valve and/or the evaporator filter. This required cleaning of the internal air conditioning system. COOL WEATHER is a device designed just for this purpose. Due to the very efficient pump, the device enables comprehensive washing and drying of the internal surfaces of the air conditioning system elements. Included with the device are also special terminals for connecting any element of the A/C system, filter, connection cables.

### THE KIT INCLUDES:

- clamps for connecting elements
- replaceable filter
- device
- set of terminals

## YOUR CHOICE PAYS! - AC FLUSH PRO - This is what you are looking for!

007935110700



This is a new version of the device used for comprehensive service of air conditioning systems – replacements of system fluids and removal of contaminants generated during the operation. The AC FLUSH PRO device works on a 12 V car battery power supply to enable its use independently of the power grid, e.g. outdoors. Compact construction enables carrying AC FLUSH PRO in smaller vehicles and makes it easier to fit in tighter spaces. The device is capable of high pressure operation. This means you can feel safe even in unpredicted situations. As one of the few devices available, it provides a printed flushing process report.

### TECHNICAL SPECIFICATIONS:

Cables, hydraulic components, accessories: Group of three-way, round cross-section, steel conduits with Viton seals. Internal electric wire - IDEALCARBUR 3/4 with external insulation protecting the cables in the charging section.

Pump: Maximum flow rate = 4.5 l/min;

Maximum pressure = 5 bar

Dimensions:

Width = 610 mm,

Height = 1030 mm,

Depth = 560 mm

Weight: ~50 kg

Operating temperature: +7 °C to +40 °C



007936211000

Device filter

Super Flush with microfiber

007935110020

AC filter for AC FLUSH PRO

**You Tube**







007936211000  
Device filter  
Super Flush with  
microfiber

## Pneumatic device for flushing air conditioning systems with Super Flush pulsation (without adapters)

### **SUPER FLUSH** 007936210770

Super Flush is an innovative solution dedicated to professionals, servicing and servicing air conditioning systems in all types of vehicles. The device allows to clean the interior of the system and remove deposits, oil deposits or metal filings that appear when the air conditioning compressor is damaged. Pulse rinsing and the ability to change the direction of rinsing are the most effective cleaning methods that Super Flush allows. This effective device also has a smooth regulation of pulsation pressure and 2 filters, one metal-coarse cleaning, the other microfiber - allowing the removal of the smallest impurities. The 4 L tank allows you to flush almost any system with a capacity of 3-4 kg. The device is not standard equipped with adapters, which need to be purchased separately.

#### **INCLUDED:**

- Super Flush device
- 2 wires 2m with 1/4 "thread
- a spare microfiber filter
- a key to replace the filter
- funnel
- instrukcja obsługi

#### **TECHNICAL PARAMETERS:**

Tank capacity: 4l  
Pressure: 5 - 7 kg / cm<sup>2</sup>  
Dimensions: 520 × 520 × 900  
Weight: 25 kg

#### **CHARACTERISTIC:**

- the device is completely safe when working with solvents
  - the device does not have sparking components
  - the drive comes from a pneumatic pulse pump
  - device equipped with 2 filters - accuracy 1um and 5 um
  - dedicated for use with flammable air conditioning fluids
- Filter for Microfibre Super Flush device - 007936211000



#### Manual Flushing Kit 007950024750

SET FOR AIR CONDITIONING FLUSHING  
SYSTEMS MANUAL  
(SET TERMINAL + CYLINDER + TANK).  
Rinsing package is powered by compressed  
air. Cylinder filled with liquid enables pulsed  
manual lavage systems.



#### Ac Flushing Fluid 1 l flammable 007950024530

#### Ac Flushing Fluid 5 l flammable 007950024540

#### Ac Flushing Fluid 20 l flammable 007950024550

#### Ac Flushing Fluid 1 l non-flammable 007950026620

#### Ac Flushing Fluid 5 l non-flammable 007950026630

#### Ac Flushing Fluid 20 l non-flammable 007950026640



#### Adapters Kit For Flushing Machine - Basic 007950025000



#### Adaptors Kit For Manual Flushing 007950024740



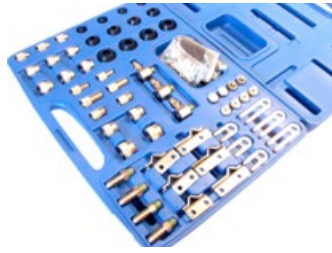
#### A/C flush spray 600ml 007950025960



#### Professional set of terminals for flushing devices, dedicated for European and American cars 007936210020



Professional set of adapters for flushing devices  
**007936210730**



Orings And Spring Locks Set (Ford and GM) (60 pieces)  
**007935090930**



Set For Fixing Hoses And Quick Couplers (90 pieces)  
**007935090931**



**Set Purple Orings for AC Systems (265 pcs):**  
(5 x 1,5 – 20 pcs.; 6,07 x 1,78 – 20 pcs.; 7,65 x 1,78 – 15 pcs.; 10,82 x 1,78 – 15 pcs.; 14 x 1,78 – 15 pcs.; 6,8 x 1,9 – 15 pcs.; 7 x 2 – 15 pcs.; 12,42 x 1,78 – 15 pcs.; 6,5 x 1,5 – 15 pcs.; 7,5 x 1,5 – 15 pcs.; 10,8 x 2,4 – 10 pcs.; 13,8 x 2,4 – 10 pcs.; 15,2 x 2,4 – 10 pcs.; 17,2 x 2,4 – 10 pcs.; 19,2 x 2,4 – 10 pcs.; 14,8 x 3,1 – 10 pcs.; 19 x 3,5 – 10 pcs.; 17,8 x 3,1 – 10 pcs.)  
**007936210720**



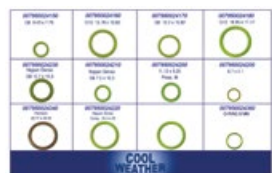
Fiat Group Orings Kit  
**007935090690**



Universal Orings Set (172 pieces)  
**007935090750**



Standard Orings Set (120 pieces)  
**007950024080**



Special Orings Set (88 pieces)  
**007950024090**



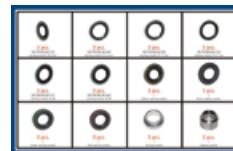
Set Of Orings Full (361 pieces)  
**007950025510**



Set of 28 orings - 400 pieces  
**007950025520**



Sealing Washers Set  
**007950025090**



Sealing Wit Metal 4 pieces  
Internal Diam 17,7 mm  
**007950025530**

Sealing Wit Meta 4 pieces  
Internal Diam 14,7 mm  
**007950025540**

Sealing Wit Meta 4 pieces Internal  
Diam 11,7 mm  
**007950025550**



O-Ring N° 6 (10 pieces) **007950024150**

O-Ring N° 10 (10 pieces) **007950024160**

Oring N° 8 (10 pieces) **007950024170**

Oring Evaporator **007950024180**

Oring 11.13 X 9.25 Press. M (10 pieces) **007950024200**

Oring 6.7 X 5.1 (10 pieces) **007950024205**

Oring 7.5 X 10.3 G6 Denso (10 pieces) **007950024210**

Oring 24.4 X 20 Comp. Denso (10 pieces) **007950024220**

Oring 12.7 X 10.3 G8 Denso (10 pieces) **007950024230**

Sealing Oring, Inner Diameter. 17,7 mm (3 pieces) **007950024260**

Sealing Oring, Inner Diameter. 17,7 mm (3 pieces) **007950024260**

Sealing Oring, Inner Diameter. 14,7 mm (3 pieces) **007950024270**

Sealing Oring, Inner Diameter. 11,7 mm (3 pieces) **007950024280**

Sealing Oring, Inner Diameter. 8,7 mm (3 pieces) **007950024290**

Dubble Oring, Outer Diameter 15.4 mm (5 pieces) **007950024300**

Dubble Oring, Outer Diameter. 10 mm (5 pieces) **007950024310**

Dubble Oring, Outer Diameter. 18 mm (5 pieces) **007950024320**

Oring 24,4 X 20 Denso (10 pieces) **007950024330**

Oring 23,7 X 20,22 Harrison (10 pieces) **007950024340**

Oring 9 mm (10 pieces) **007950024360**

Oring Peugeot 6460P2 (5 pieces) **007950024370**

Oring Peugeot 6460P1 (5 pieces) **007950024380**

Oring Renault 1-7701207274 (5 pieces) **007950024390**

Oring Renault 2-7701207274 (5 pieces) **007950024400**

Oring Renault 3-7701207274 (5 pieces) **007950024410**

Oring 8 mm (10 pieces) **007950024450**



Compressor sealing ring  
8mm/11,3mm (10 pcs.)  
**007950026135**

Compressor sealing ring 15mm/23,6mm  
(10 pcs.)  
**007950026140**

Compressor sealing ring 11mm/19,5mm  
(10 pcs.)  
**007950026145**

Compressor sealing ring 17mm/25,5mm  
(10 pcs.)  
**007950026150**

Compressor sealing ring 5/8" (15/28mm)  
(10 pcs.)  
**007950026155**

Compressor sealing ring 3/4" (17,7/31,6mm)  
(10 pcs.)  
**007950026160**



Set Of Caps And Service Ports  
**007950025260**



Protective Cap R134A Lp (2 pieces)  
M8\*1mm  
**007950024240**



COOL WEATHER TABELLA TAPPI		
CODICE	DESCRIZIONE	CONFEZIONE
007950024240	Tappo valvola R134a LP	2 PEZZI
007950024250	Tappo valvola R134a HP	2 PEZZI

Protective Cap R134A Hp (2 pieces)  
(2 sztuki) M8\*1mm  
**007950024250**



Protective Cap R134A Lp (2 pieces)  
- Japanese Cars M9\*1mm  
**007950025290**



Protective Cap R134A Hp (2 pieces)  
- Japanese Cars M10\*1.25 mm  
**007950025300**



Black CAP 1/4" (1 pieces)  
**007950026235**

Black CAP 3/16" (1 pieces)  
**007950026240**



HIGH PRESSURE CAP M10x1 (1 pieces)  
**007950026245**



LOW PRESSURE CAP M8x1 (1 pieces)  
**007950026250**



HIGH PRESSURE CAP M10x1,25 (1 pieces)  
**007950026255**



CAP LOW PRESSURE M9x1 (1 pieces)  
**007950026260**



CAP HIGH PRESSURE M10x1 (1 pieces)  
**007950026265**



LOW PRESSURE CAP M8x1 (1 pieces)  
**007950026270**



M8\*1.0 LP cap short stem 1234yf  
**007936211111**

M8\*1.0 LP cap long stem 1234yf  
**007936211112**

M9\*1.0 LP cap short stem 1234yf  
**007936211113**

M10\*1.25 HP cap short stem 1234yf  
**007936211114**

M10\*0.75 HP cap long stem 1234yf  
**007936211115**

M10\*1.0 HP cap short stem 1234yf  
**007936211116**

Protection for caps 1234yf  
**007936211117**



Adaptor Hp Ford M 10 X 1,25  
**007950024800**



Service Port 15 X 1,0  
**007950024580**

Service Port 13 X 1,1  
**007950024590**



Service Port Hp 12 X 1,5  
**007950024600**



Adapter M1/4 Sae X M1234yf  
**007950025780**



Adapter M3/8 Sae X M1234yf  
**007950025790**





Adaptor for bottle  
R134 W21,8 x1/14 X 13 mm (big valve)  
007950024100



Adapter for bottle R134A  
W21,8 x1/14" X 13 mm (big valve)+ Adaptor  
for HP quickcoupler 1/4" SAE (7/16")  
007950024810



High Pressure Adaptor 1/4" X 13 mm  
007950024840



Hoses Connector 1/4 X 1/4" Sae  
007950024040



ADAPTER Female 3/8" x Male 1/4" (1 pieces)  
007950026275



ADAPTER Female 1/4" x Male 3/8" (1 pieces)  
007950026280



ADAPTER Male 1/4" x Male M14x1,5 (1 pieces)  
007950026285



ADAPTER Male 1/4" x Male 1/8 (1 pieces)  
007950026290



ADAPTER Female 1/4" x Female 1/4" (1 pieces)  
007950026295



Adapter on the bottle 3/8" (1 pieces)  
007950026300



ADAPTER Female 1/2" x Male 1/4"  
(1 pieces)  
007950026305



LP adapter  
to factor R1234yf x 1/4 „SAE  
007950027020



HP adapter  
to factor R1234yf x 1/4 „SAE  
007950027050



Set of nozzles throttling  
(18 pieces)  
007950024570



Adapter Dupont To The Bottle  
For New Refrigerant  
007950025800



Adapter Honeywell To The Bottle  
For New Refrigerant  
007950025810



Dupont cylinder HP adapter  
007950026650



Honeywell cylinder HP adapter  
007950026660



Universal LP adapter for cylinders with  
1234yf  
007950026670



Universal HP adapter for cylinders with  
1234yf  
007950026680



BLUE ORIFICE TUBE (ford)  
007950026185



GREY ORIFICE TUBE (Audi)  
007950026190



**YELLOW ORIFICE TUBE (Volvo)**  
007950026195



**WHITE ORIFICE TUBE (Fiat)**  
007950026200



**BROWN ORIFICE TUBE (Ford)**  
007950026205



**BLACK ORIFICE TUBE (Opel)**  
007950026210



**PURPLE ORIFICE TUBE (Chrysler)**  
007950026215



**ORANGE ORIFICE TUBE (Ford)**  
007950026220



**RED ORIFICE TUBE (Ford)**  
007950026225



**GREEN ORIFICE TUBE (Ford)**  
007950026230



**Service Valves Kit (33 pieces)**  
007950024070



**AC Valve Kit with a Key (10 valves - 57pcs)**  
007936210050



Valve with green Oring (3pcs),  
Renault Service Valve (5pcs),  
KIA/Hyundai Service Valve (5pcs),  
VW MW Valve with green Oring (3pcs),  
GM 10mm-Service Valve (3pcs),  
Volvo Peugeot Service Valve (5pcs),  
JRA Service Valve (5pcs),  
GM Service Valve (5pcs),  
Standard Service Valve (20pcs);  
Key to unscrewing valves



**Valve core R12/R134 19 x 5,1 mm (10 pieces)**  
007950024420



**Valve core JRA 21,55 x 7,8 mm (5 pieces)**  
007950024430



**Valve core High Flow 20 x 7 mm (5 pieces)**  
007950024440



**Valve core Vw Gm 18,7 x 6 mm (5 pieces)**  
007950024460



**Valve core Standard 21,8 x 8 mm (5 pieces)**  
007950024470



**Valve core Standard 22,1 x 9,8 mm (5 pieces)**  
007950024480



Valve core Large (Violet) 27,155 x 7,8 mm  
(1 pieces)  
007950024830



Service valve 21.8 MM X 8MM  
- HFO1234YF  
007950026690



Service valve 22.1 MM X 9.8MM - HFO 1234YF  
007950026700



Valve core Renault 18,35 x 5,1 mm (1 pieces)  
007950025400



Valve core Do Kia Hyundai 18,5 x 6,5 mm  
(1 pieces)  
007950025410



Set of dies for Crimper - 6 (1/2 reduced barrier)  
430104017513



Set of dies for Crimper - 10  
(1/2 reduced barrier)  
430104017608



Set of dies for Crimper - 12  
(1/2 reduced barrier)  
430104017095



Hydraulic Press For Crimping  
007950016040



It is a universal, lightweight and handy device for crimping hoses in the air conditioning systems. By the use of Hydra Krimp hydraulic hand pump this operation is performed easily, quickly and precisely. This tool is ideal for use both in a workshop, as well as in the field.

**THE KIT INCLUDES:**

- HYDRAULIC HAND PUMP
- CABLE-CLAMPING JAWS
- HOSE CLAMPS (MATRIX) OF THE SIZES  
6(5/16"), 8 (13/32"), 10 (1/2") I 12 (5/8") MM  
6(5/16")SRB, 8 (13/32")SRB, 10 (1/2")SRB  
AND 12 (5/8")SRB MM
- REDUCTION CLAMPS WITH THE ABOVE MENTIONED DIAMETERS
- CARRYING CASE FOR ALL THE ELEMENTS

Hose Shears  
007950013870



Big Ratio Hose Shears  
007950025210



Manual Press For Crimping  
007950013860



It is a universal, lightweight and handy device for crimping hoses in air conditioning systems. Manual crimping of hose ends allows for a proper selection of crimping force. A solid foundation made of hardened steel allows for a convenient permanent mounting of the entire handle. It enables using of an ordinary manual or hydraulic wrench.

**THE KIT INCLUDES:**

- hose clamps (matrix) of the sizes  
6(5/16"), 8 (13/32"), 10 (1/2") i 12 (5/8") mm
- cable-clamping jaws
- reduction clamps with the above diameter
- carrying case for all the elements

Hose Standard Barrier A/C 06 5/16"  
007935020960

Hose Standard Barrier A/C 08 13/32"  
007935020970

Hose Standard Barrier A/C 10 1/2"  
007935020980

Hose Standard Barrier A/C 12 5/8"  
00793502710

Hose Reduced Barrier A/C 06 5/16"  
007935021000

Hose Reduced Barrier A/C 08 13/32"  
007935021010

Hose Reduced Barrier A/C 10 1/2"  
007935021020

Hose Reduced Barrier A/C 12 5/8"  
007935021030

Hose Reduced Barrier A/C 14 3/4"  
007935021040





Spring Lock Connector Male with Bush No.6  
**007936210120**

Spring Lock Connector Male 180 degrees  
with Bush No.8  
**007936210130**

Spring Lock Connector Male 180 degrees with Bush No.10  
**007936210140**

Spring Lock Connector Male 180 degrees with Bush No.12  
**007936210150**

45-degree Spring Lock Connector Male with Bush No.6  
**007936210240**

45-degree Spring Lock Connector Male with Bush No.8  
**007936210170**

45-degree Spring Lock Connector Male with  
Bush No.10  
**007936210180**

45-degree Spring Lock Connector Male with Bush No.12  
**007936210190**

180-degree Connector with Bushes and HP Adapter No. 6  
**007936210200**

180-degree Connector with Bushes and HP Adapter No. 8  
**007936210210**

180-degree Connector with Bushes and HP  
Adapter No.10**007936210220**

180-degree Connector with Bushes and  
HP Adapter No.12  
**007936210230**



180-degree Connector with Bushes No. 6  
**007936210160**

180-degree Connector with Bushes No.8  
**007936210250**

180-degree Connector with Bushes No.10  
**007936210260**

180-degree Connector with Bushes No.12  
**007936210270**



180-degree Spring Lock Connector Female No.6 with Bush  
**007936210280**

180-degree Spring Lock Connector Female No.8 with Bush  
**007936210300**

180-degree Spring Lock Connector Female No.10 with Bush  
**007936210320**

180-degree Spring Lock Connector Female No.10 with Bush  
**007936210330**

90-degree Spring Lock Connector Female No.6 with Bush  
**007936210290**

90-degree Spring Lock Connector Female No.8 with Bush  
**007936210310**

180-degree Spring Lock Connector Female No.12 with Bush  
**007936210340**

90-degree Spring Lock Connector Female No.12 with Bush  
**007936210350**

180-degree Spring Lock Connector Female No.6 (Aluminium)  
**007936210370**

180-degree Spring Lock Connector Female No.8 (Aluminium)  
**007936210400**

180-degree Spring Lock Connector Female No.10 (Aluminium)  
**007936210430**

180-degree Spring Lock Connector Female No.12 (Aluminium)  
**007936210450**



45-degree Spring Lock Connector Female No.6 (Aluminium)  
**007936210380**

45-degree Spring Lock Connector Female No.8 (Aluminium)  
**007936210410**

45-degree Spring Lock Connector Female No.10 (Aluminium)  
**007936210440**

45-degree Spring Lock Connector Female No.12 (Aluminium)  
**007936210470**

90-degree Spring Lock Connector Female No.6 (Aluminium)  
**007936210390**

90-degree Spring Lock Connector Female No.8  
(Aluminium)  
**007936210420**

45-degree Spring Lock Connector Female No. 12 (Aluminium)  
**007936210460**

90-degree Spring Lock Connector Male No. 6 (Aluminium)  
**007936210480**

90-degree Spring Lock Connector Male No. 8 (Aluminium)  
**007936210490**

90-degree Spring Lock Connector Male No. 10  
(Aluminium)  
**007936210500**

90-degree Spring Lock Connector Male No. 12  
(Aluminium)  
**007936210510**

180-degree through connector, no couplings, 6 (Aluminium)  
**007936210520**

180-degree through connector, no couplings, 8 (Aluminium)  
**007936210530**

180-degree through connector, no couplings, 10 (Aluminium)  
**007936210540**

180-degree through connector, no couplings, 12 (Aluminium)  
**007936210550**

Tee Connector, no couplings, No.6 (Aluminium)  
**007936210560**

Tee Connector, no couplings, No.8 (Aluminium)  
**007936210570**

Tee Connector, no couplings, No. 10 (Aluminium)  
**007936210580**

Tee Connector, no couplings, No. 12 (Aluminium)  
**007936210590**

180-degree Spring Lock Connector Male No.6  
(Aluminium)  
**007936210630**

180-degree Spring Lock Connector Male No.8 (Aluminium)  
**007936210650**

180-degree Spring Lock Connector Male No. 10 (Aluminium)  
**007936210670**

180-degree Spring Lock Connector Male No. 12 (Aluminium)  
**007936210690**

45-degree Spring Lock Connector Male No.6 (Aluminium)  
**007936210640**

45-degree Spring Lock Connector Male No.8 (Aluminium)  
**007936210660**

45-degree Spring Lock Connector Male No.10 (Aluminium)  
**007936210680**

45-degree Spring Lock Connector Male No. 12 (Aluminium)  
**007936210700**



AirSplice 1/2" Line Reducing Access. Kit  
**007935020170**

AirSplice 3/8" Line Reducing Acces. Kit  
**007935020180**

AirSplice 5/16" Line Reducing Acces. Kit  
**007935020190**

MultiSize Reduc Acces. Kit 1/2"3/8"5/16"  
**007935020200**



THICK-WALL HOSE REDUCED BARRIER, G8 SIZE,  
STEEL, Ø19.5X9.6  
007936210030

THICK-WALL HOSE REDUCED BARRIER, G8 SIZE,  
STEEL, Ø23.5X12.3  
007936210040

THICK-WALL HOSE REDUCED BARRIER, G10  
SIZE, STEEL, Ø26X14.3  
007936210110

THICK-WALL HOSE REDUCED BARRIER, G12  
SIZE, STEEL, Ø29X18  
007936210100

THIN-WALL HOSE REDUCED BARRIER, G6 SIZE,  
STEEL, Ø15.5X9.6  
007936210060

THIN-WALL HOSE REDUCED BARRIER, G6 SIZE,  
STEEL, Ø18X12.3  
007936210070

THIN-WALL HOSE REDUCED BARRIER, G6 SIZE,  
STEEL, Ø20X15.6  
007936210080

THIN-WALL HOSE REDUCED BARRIER, G6 SIZE,  
STEEL, Ø24.3X19.2  
007936210090



Airsplice Repair kit for 1/2" 3/8" 5/16"  
007935020210



Burgaclick Smart Hose Shears  
007935021050



#### SMART REPAIR SYSTEM

Quick repair systems for damaged conduits in car air  
conditioning systems. Approved by OE manufacturers

Samoregulujący  
antywibracyjny pierścień

Rozszerzona tuleja  
uszczelniająca



Szczelinowy uchwyt  
zabezpieczający przed wyciekami

Ośmiokrotnie większa  
powierzchnia uszczelnienia  
niż w przypadku stosowania o-ringa

The **SMART SYSTEM** solves problems related both to working  
time and reliability of traditional methods of conduit repairs:  
Remove the damaged section and reconnect the ends of the  
conduit

Without the need to remove the conduit  
Without welding  
Without chemical bonding agents  
Without specialised tools



#### INNOVATIVE SEALING DESIGN

Special material – HNBR  
(Hydrogenated Nitrile Butadiene Rubber)  
used for sealing  
Patented anti-vibration ring

Line Straight Repair Kit for 1/2"  
007935020140  
Line Straight Repair Kit for 3/8"  
007935020150  
Line Straight Repair Kit for 5/16"  
007935020160  
Line Straight Repair Kit for 3/4"  
007935020260  
Line Straight Repair Kit for 5/8"  
007935020220  
Line Straight Repair Kit for 10mm  
007935020230  
Line Straight Repair Kit for 12mm  
007935020240  
Line Straight Repair Kit for 15mm  
007935020250  
Line Straight Repair Kit for 8mm  
007935020600  
Line Straight Repair Kit for 16mm  
007935020610  
Line Straight Repair Kit Reduc 1/2"-5/16"  
007935020480  
Line Straight Repair Kit Reduc for 12-10mm  
007935020620  
Line Straight Repair Kit Reduc 1/2"-3/8"  
007935020490  
Line Straight Repair Kit Reduc 3/8"-5/16"  
007935020470



Airsplice Service Port LP 5/16"  
007935020270  
Line A/C Low Side "T" for 3/8"  
007935020280  
Line A/C Low Service "T" for 1/2"  
007935020290  
Line A/C Low Side "T" for 5/8"  
007935020300  
Line A/C Low Side "T" for 10mm  
007935020310  
Line A/C Low Side "T" for 12mm  
007935020320  
Line A/C Low Side "T" for 15mm  
007935020330  
Line A/C Low Side "T" for 16mm  
007935020340  
Line A/C High Side "T" for 5/16"  
007935020350  
Line A/C High Side "T" for 3/8"  
007935020360



Airsplice Service Port HP 5/8"  
007935020380  
Line A/C High Side "T" for 10mm  
007935020390  
Line A/C High Side "T" for 12mm  
007935020400  
Airsplice Service Port HP 15mm  
007935020410  
Airsplice Service Port HP 16mm  
007935020420  
Line A/C High Side "T" for 8mm  
007935020750  
Line A/C High Side "T" for 1/2"  
007935020370



Line 45 Degr Repair Kit 1/2"  
007935020500  
Line 45 Degr Repair Kit 3/8"  
007935020510  
Line 45 Degr Repair Kit 5/16"  
007935020520  
Line 45 Degr Repair Kit for 5/8"  
007935020530  
Line 45 Degr Repair Kit for 3/4"  
007935020540



Line 90 Degr Repair Kit for 1/2"  
007935020550

Line 90 Degr Repair Kit for 3/8"  
007935020560

Line 90 Degr Repair Kit for 5/16"  
007935020570

Line 90 Degr Repair Kit for 5/8"  
007935020580

Line 90 Degr Repair Kit for 3/4"  
007935020590



Line Straight SAE / Metric Ten Pack  
007935020630



Line Splice 45 Degree SAE Four Pack  
(5/16", 3/8", 1/2", 5/8")  
007935020640



Line Splice 90 Degree SAE Four Pack  
(5/16", 3/8", 1/2", 5/8")  
007935020650



Terminat Rear A/C Blockoff Kit 5/16" 007935020430

Terminat Rear A/C Blockoff Kit 3/8" 007935020440

Terminat Rear A/C Blockoff Kit 5/8" 007935020450

Line Terminator Rear A/C Blockoff 1/2"  
007935020660

Line Terminator 3/4" 007935020670

Line Terminator Rear A/C Blockoff 8 mm 007935020680

Line Terminator Rear A/C Blockoff 10 mm 007935020690

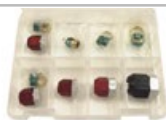
Line Terminator Rear A/C Blockoff 12 mm 007935020700

Line Terminator Rear A/C Blockoff 15 mm 007935020710

Line Terminator Rear A/C Blockoff 16 mm 007935020720



Line Terminator SAE Five Pack  
(5/16", 3/8", 1/2", 5/8", 3/4")  
007935020730



Line Terminator SAE / Metric Ten Pack  
(5/16", 3/8", 1/2", 5/8", 3/4", 8mm, 10mm,  
12mm, 15mm & 16mm)  
007935020740



Line Splice Service "T" SAE Five Pack  
(5/16", 3/8", 1/2", 5/8", 3/4")  
007935020760



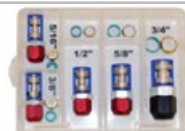
Line Splice Straight SAE Five Pack  
(5/16", 3/8", 1/2", 5/8", 3/4")  
007935020460



Smart Splice Straight Line to Hose Connectortors  
- SAE sizes, 4 Pack ONE each 5/16" Line to 6 hose,  
3/8" Line to 6 hose, 1/2" Line to 8 hose and 5/8"  
Line to 10 hose  
007935020820



Smart Splice Straight Line to Hose Connectortors  
- SAE sizes, Five Pack (ONE each 5/16" Line to 6 hose, 3/8"  
Line to 6 hose, 1/2" Line to 8 hose,  
5/8" Line to 10 hose and 3/4" to 12 hose)  
007935020830



Straight Connector - 5/16" A/C 6 A/C Hose  
007935020770

Straight Connector - 3/8" A/C 6 A/C Hose  
007935020780

Straight Connector - 1/2" A/C 8 A/C Hose  
007935020790

Straight Connector - 5/8" A/C 10 A/C Hose  
007935020800

Straight Connector - 3/4" A/C 12 A/C Hose  
007935020810



Smart Splice Hose-to-Hose 6 - 7  
007935020840

Smart Splice Hose-to-Hose 8 - 8  
007935020850

Smart Splice Hose-to-Hose splicer 10 - 10  
007935020860

Smart Splice Hose-to-Hose 12 - 12  
007935020870



Smart Line to Hose Connector 90 5/16" Hose 6  
007935020880

Smart Connector 90 degr 3/8" (9,5mm) Hose 6  
007935020890

Smart Connectore 90 degr 1/2" (12,7mm) Hose 8  
007935020900

Smart Connector 90 degr 5/8" (15,9mm) Hose 10  
007935020910



Smart Connector 45dgr 5/16" (7,9mm) Hose 6  
007935020920

Smart Connector 45dgr 3/8" (9,5mm) Hose 6  
007935020930

Smart Connector 45dgr 1/2" (12,7mm) Hose 8  
007935020940

Smart Connector 45dgr 5/8" (15,9mm) Hose 10  
007935020950



R134A - With 12 Kg Container  
007950014290

R134A - With 12 Refrigerant  
(complete with 007950014290)  
007950014280



R1234yf refrigerant, 5 kg (007950014325), kit  
with 007950014561  
007950014325  
Reusable refillable cylinder, 12 kg  
(007950014561)  
007950014561





# OILS

## 100% SYNTHETIC POLYALCHILENGLYCOL (PAG) BASED LUBRICANTS FOR REFRIGERATING COMPRESSORS

### DESCRIPTION

The polyalchilenglycol (PAG) lubricants series are fully synthetic lubricants with high oxidation resistance features, specifically developed for the lubrication of rotary refrigerators compressors, that need a very low freezing point and very long drain intervals.

### PROPERTIES

- ▶ Products with superior features compared to traditional mineral based lubricants.
- ▶ Maximum duration of exercise, in order to extend the oil change intervals.
- ▶ Possible use with the widest temperature range (-30 °C to +50 °C).
- ▶ No carbon deposits in the hot spots of the compressor, thanks to the synthetic nature.
- ▶ Excellent protection against rust, corrosion and wear of the components.
- ▶ Avoids the formation of foam, to avoid the phenomenon of cavitation.



### APPLICATIONS

These lubricants are specifically suitable where the compressor manufacturer suggest a fully synthetic lubricant with polyalkylene glycol base oils (PAG). These products are particularly also suggested in cases of extreme temperature changes, and when it is necessary to maximize the life-service interval and consequentially minimize downtime and labor costs.

### WARNINGS

The polyalkyleneglycol base oils (PAG) series makes these product NON-compatible with conventional mineral- and synthetic-hydrocarbon based lubricants without polyalkylenglycols PAG. Before the lubricant drain, it is necessary to thoroughly clean the circuit. In case of change in the nature of the lubricant, if possible wash with solvent the entire system, ensuring that there are no residues of the old lubricant or washing fluid before the new filling. Keep the product in a dry place in tightly closed containers.

### PAG (46 AND 100) FOR HFO R-1234YF

PAG oils are mainly oils with singly closed chemical bonds. The PAG 46 and 100 version for HFO R-1234yf is based on special, stabilized polyalkylene glycols produced with the addition of the highest quality copolymers ensuring double-end-capped chemical bonds to meet the increased needs of refrigeration compressors. This means that the main chemical chain of the preparation is closed on both sides, whereas in the case of an oil with singly closed chemical bonds, the main chemical chain is closed on only one side. As a result, PAG oils with singly closed chemical bonds are still chemically active and react with moisture, possibly causing acid formation. Due to their nature, these oils are intended for use as "universal" for use with refrigerants such as R-134a and R-1234yf.

## AVERAGE PHYSICAL AND CHEMICAL FEATURES (DATA ARE NOT SPECIFICATIONS)

ISO Viscosity Grade ISO 3448		46	68	100	150	220	46 (R-1234yf)	100 (R-1234yf)
Physical state at 20°C		Clear liquid, colorless, slightly odor						
Pour Point ASTM D 97	°C	-38	-35	-34	-34	-31	-45	-35
Flash Point COC ASTM D 92	°C	> 205	> 210	> 220	> 230	> 240	> 200	> 230
Density at 20°C	Kg/mc	990	990	990	1000	1000	985	1000
Solubility in water		Insoluble in water						
Kinematic Viscosity at 40°C	cSt	42-50	66-72	90-110	135-165	200-240	42-50	90-110
Kinematic Viscosity at 100°C	cSt	~ 9	~ 14	~ 20	~ 27	~ 39	~ 9	~ 20
Viscosity Index		186	190	195	210	220	210	210

**What oils should i apply in my car? - It is always advisable to follow the instructions of the manufacturers of the systems or suppliers of refrigerant gases.**



Refrigerant gas		mineral based	PAG based	POE based	PAO based
R23	HFC			✓	
R32				✓	
R134a			✓	✓	
R404A				✓	
R407C				✓	
R410A				✓	
R413A		✓		✓	
R417A		✓		✓	
R419A		✓			
R422A		✓		✓	
R422D		✓		✓	
R427A				✓	
R428A		✓			
R437A		✓			
R438A		✓		✓	
R507				✓	
R508B				✓	
R1234yf	HFO		✓	✓	
R170	HC	✓			
R600		✓			
R1270				✓	
R717	NH3	✓			✓

Refrigerant gas		mineral based	PAG based	POE based	PAO based
R744	CO2		✓	✓	✓
R22	HCFC	✓		✓	
R123		✓			
R124		✓			
R401A				✓	
R401B				✓	
R402A				✓	
R402B				✓	
R403B		✓		✓	
R408A		✓		✓	
R409A		✓		✓	
R414B		✓		✓	
R416A		✓			
R11	CFC	✓		✓	
R12		✓			
R13		✓			
R13B1		✓			
R113		✓			
R114		✓			
R500		✓			
R502		✓			
R503		✓			

# LUBRICANTS

## LUBRICANTS (POE) FOR AUTOMOTIVE A/C SYSTEMS

### DESCRIPTION

These oil series are fully synthetic lubricating fluids, based on synthetic and biodegradable polyesters oils ( POE ) with a particular anti-wear additive package designed specifically for use in automotive air conditioning systems loaded with alternative refrigerants not detrimental to the ozone layer.

### TECHNICAL FEATURES

- ▶ Dielectric strength – IEC 60156 @ 24°C >75kV
- ▶ Complying with specification IEC 61099
- ▶ Higher lubricity values compared to traditional mineral-based lubricants.
- ▶ Excellent anti-wear performance for steel and aluminum surfaces, allowing to extend the life and efficiency of the system lubricated.
- ▶ Chemically and thermally stable products, compatible with residues of mineral oils or alkylbenzene which may remain in a system after the replacement by CFC or HFC.
- ▶ Miscibility with both mineral and synthetic oils (polyalphaolefin PAO or polyester - POE). In case of mixture with a different nature or viscosity lubricant, the characteristics and performance of the product may change.
- ▶ Rust and corrosion protection of metals, particularly copper alloys.
- ▶ Compatibility with coatings, elastomers and paints.
- ▶ Formulation with biodegradable, non- dangerous bases for human health, for the protection of the operators and the environment in case of accidental spillage.
- ▶ The products are NOT compatible with polyalkylene glycol (PAG) based oils.
- ▶ Not miscible with other types of oil (like POE)



### APPLICATIONS

These POE lubricants are specifically used in air conditioning systems of motor vehicles.

- ISO 80: specific for use in electric compressors or when a dielectric compressor lubricant is required (complies with specification IEC 61099)


### WARNINGS

The products are hygroscopic, and absorb the humidity and mist/ condensation in the air: it is recommended to carefully seal the packaging after use and store them in a dry place at temperatures between -20 °C and + 40 ° C. In the case of storage at below -20°C, it is recommended to heat the product above 20°C before use, to eliminate as much as possible any moisture.

### AVERAGE PHYSICAL AND CHEMICAL FEATURES (DATA ARE NOT SPECIFICATIONS)

ISO Viscosity Grade ISO 3448		80
Physical State at 20°C		Liquid, clear, pale yellow color
Pour point	°C	< -35
Flash Point COC ASTM D 92	°C	250
Density at 20°C	Kg/mc	~ 960
Water solubility		Hygroscopic
Acid Value (degree of saturation)	Mg KOH/g	< 0.1
Biodegradability test	OECD 301B	> 60% (pass the test if > 60% in 28 days)
Water content	ppm	< 50
Dielectric strength IEC 60156 @ 24°C	kV	> 75 (89.5)
Complying with specification IEC 61099		Complies
Kinematic viscosity at 40°C	cSt	75-85
Kinematic viscosity at 100°CW	cSt	9.3-9.9
ASHRAE (97 Std) Thermal Stability Test Test @ 175°C, 336 hrs		
Appearance / Settling		Clear / Settling Free (None)
Water content after test	ppm	< 10
Acidity after test (TAN)	Mg KOH/g	0,75
Viscosity change after test	20°C 40°C	< 3%
Metal content before and water test	Copper Steel Alluminium	No metal mobilization was observed



	Type of oil	Type of gas	Viscosity	Sizes	MM code	SOME OEM NUMBER RELATED TO MM PRODUCTS
<b>MECHANICAL COMPRESSORS (AND ELECTRIC ANDEN)</b>	<b>PAG</b>	R134a	46	250ml	007935090710	Dens Oil 8 ;ND8;PAG SP10;ZXL 100 PG;G 052 300 A2;G 052 154 A2;SPA2;G 052 535 M2;83 222 339 920;81 229 407 724 ;PAG RL244; VC-46;PS-D1;VC100YF;FD46XG; WSS-M2C300-A2;ATMOS GU 10; WSH-M1C231-B;MB 362.1;A 000 989 06 06 ;KLHOO-PAGS0;Polylub GLY 801;1161407-0
				1L	007935090660	
				5xL	007950024500	
			46 + UV	250ml	007950025570	
				1L	007950025580	
			68 +UV	1L	007950026410	Ucon RL 897
				250ml	007950026400	
			68	1L	007950026380	
			68	250ml	007950026370	
			68	5L	007950026390	ND-9;Dens Oil 9;SP20; ZXL 200 PG;Sanden E13 M6 ; 500 SUS;VC200YF;DH-PR PAG 448;164074787;1161425 / 1161426 / 11614
			100	250ml	007935090720	
				1L	007935090670	
				5L	007950024510	
			100 + UV	250ml	007950025590	
				1L	007950025600	
			150	250ml	007935090730	Dens Oil 6 ; 164774787; Planetelf PAG 488; 90443840; Ucon RL 488
				1L	007935090680	
			150 + UV	250ml	007950025610	ND-12;PS-D1;SP10;83 222 339 920;FD46XG;VC100YF;SPA2
		R1234YF	46 "DC"	250ml	007950024920	
				1L	007950027460	
			46 + UV "DC"	250ml	007950027465	ND-12;VC200YF;ZEROL HD100;RFL 100X;G 052 535 M2;A 001 989 06 06;
				1L	007950027470	
			100 "DC"	250ml	007950024925	
				1L	007950027475	
			100 + UV "DC"	250ml	007950027480	Covers all above 134a/1234yf apart POE and PAO solutions
				1L	007950027485	
		R134a/R1234YF	UNIVERSAL "DC"	250ml	007950027080	
				1L	007950027090	
			UNIVERSAL + UV "DC"	250ml	007950027490	
				1L	007950027495	
<b>ELECTRIC COMPRESSORS (NOT SANDEN)</b>	<b>POE</b>	R134a	80	250ml	007950024680	
		R1234YF	80	250ml	007950024685	
		R134a/R1234YF	UNIVERSAL	250ml	007950027500	ND-11;POE ZE-GLES RB100EV; Sanden SE-10Y, Honda 38899-RMX-A01, 38899-RCJ-A01, RL85HM (38899-RLV-A01), DENSO ND-OIL 14, Honda 38899-50Z-G01 & 38899-50Z-G03
<b>ELECTRIC/MECHANICAL COMPRESSORS</b>	<b>PAG</b>	R744(CO2)	UNIVERSAL 68	250ml	007950027340	ACC HV PAG oil ISO 68 for R744
			UNIVERSAL 68	1L	007950027350	

**"DC"- DOUBLE CAPPED**

# LUBRICANTS

**NON-BINDING INDICATIONS - IT IS ALWAYS ADVISABLE TO FOLLOW THE INSTRUCTIONS OF THE MANUFACTURERS OF THE SYSTEMS OR SUPPLIERS OF REFRIGERANT GASES.**

Refrigerant gas		mineral based	PAG based (POE 80)	POE based	PAO based
R23	HFC			✓	
R32				✓	
R134a			✓	✓	
R404A				✓	
R407C				✓	
R410A				✓	
R413A		✓		✓	
R417A		✓		✓	
R419A		✓			
R422A		✓		✓	
R422D		✓		✓	
R427A				✓	
R428A		✓			
R437A		✓			
R438A		✓		✓	
R507				✓	
R508B				✓	
R1234yf	HFO		✓	✓	
R170	HC	✓			
R600		✓			
R1270				✓	
R717	NH3	✓			✓

Refrigerant gas		mineral based	PAG based (POE 80)	POE based	PAO based
R744	CO2		✓	✓	✓
R22	HCFC	✓		✓	
R123		✓			
R124		✓			
R401A				✓	
R401B				✓	
R402A				✓	
R402B				✓	
R403B		✓		✓	
R408A		✓		✓	
R409A		✓		✓	
R414B		✓			
R416A		✓		✓	
R11	CFC	✓			
R12		✓			
R13		✓			
R13B1		✓			
R113		✓			
R114		✓			
R500		✓			
R502		✓			
R503		✓			

## ORIGINAL IDEMITSU OIL WITH DOUBLE CAPPED MOLECULES

007950024920	Oil Pag for r134a and 1234yf equal to ND 12 250ml (PAG46) (mechanical compressors)
007950026330	Oil equal to PS D1 for 1234yf 250 ml (PAG 46)
007950026335	Oil equal to SPA 2 for 1234yf 250 ml (PAG46) (electric compressors Sanden)

## UV FLUORESCENT CONTRAST LIQUID FOR THE

### DESCRIPTION

UV additives are special UV fluorescent contrast liquids specially designed for the detection of refrigerant gas leaks in automotive air conditioning and refrigeration systems. Today the simplest and cheapest way to search for leaks, our UV additive offers high fluorescence thanks to which, equipped with a special UV lamp, we can easily search for refrigerant gas leaks in the AC/R system.

### TECHNICAL FEATURES

- Ease of use.
- Precise location of leaks.
- Non-hazardous and solvent-free product.
- It does not damage systems, machinery such as recovery and charging stations and does not damage the various components and materials of the system.
- Compatible and perfectly miscible with the refrigerant lubricants used in the system.
- High luminescence when exposed to UV lamp.

### REGULATIONS

Complies with SAE J2297 and SAE J2298 regulations

### USES AND LINES

This product has been designed for simple and effective use in both car air conditioning and refrigeration systems. This is why our offer includes two main lines of UV additives: one for the AUTOMOTIVE sector and one for the REFRIGERATION sector.

### AVAILABLE FORMATS

Our UV additives are available in twocap bottles with dispenser (250, 350 ml and 1 liter) and in 7,5 ml single-dose syringes.

### SAFETY INFORMATION

The product is not dangerous, but we always recommend the use of protective gloves and special UV glasses to search for leaks using a UV lamp.

### APPLICATION IN AUTOMOTIVE A/C SYSTEMS WITH CHARGING STATION

Introduce the contents of the bottle with 2 caps with dispenser into the appropriate container of the charging station and follow the instructions of the machine.

### APPLICAZIONE IMPIANTI A/C AUTOMOTIVE CON INIETTORE O SIRINGA MONODOSE

Introduce the contents of the bottle with 2 caps with dispenser and fill the appropriate injector (piston or syringe) with the desired quantity (7,5 ml per 1,5 kg of refrigerant gas).

### APPLICAZIONE IMPIANTI A/C AUTOMOTIVE CON INIETTORE O SIRINGA MONODOSE

INJECTOR ONLY:

Introduce the contents of the bottle with 2 caps with dispenser and fill the appropriate injector (piston or syringe) with the desired quantity (7,5 ml per 1,5 kg of refrigerant gas).


INJECTOR AND SYRINGE: Turn on the vehicle and the A/C system. Before connecting the injector or syringe to the system, completely fill the hose connected to it, thus letting out the air present inside. Therefore connect to the system via the charge valve on the low pressure side and introduce the UV additive into the system. Disconnect the injector or syringe from the system and clean any residual UV additive. Leave the A/C running for approx. 30 minutes. After putting on the appropriate protective goggles, inspect the parts where it is suspected that there may be a leak with a UV lamp. The spots at the leak will appear fluorescent. Once the leak has been repaired, clean the area stained by the UV additive with the appropriate detergent and repeat the entire operation.








## COMPATIBILITY INDICATION BETWEEN REFRIGERANT GAS AND LUBRICANT

Refrigerant gas		mineral based	PAG based	POE based	PAO based	Refrigerant gas		mineral based	PAG based	POE based	PAO based
R23	HFC			✓		R744	CO2		✓	✓	✓
R32				✓		R22	HCFC	✓		✓	
R134a			✓	✓		R123		✓			
R404A				✓		R124		✓			
R407C				✓		R401A				✓	
R410A				✓		R401B				✓	
R413A		✓		✓		R402A				✓	
R417A		✓		✓		R402B				✓	
R419A		✓				R403B		✓		✓	
R422A		✓		✓		R408A		✓		✓	
R422D		✓		✓		R409A		✓		✓	
R427A				✓		R414B		✓			
R428A		✓				R416A		✓		✓	
R437A		✓				R11	CFC	✓			
R438A		✓		✓		R12		✓			
R507				✓		R13		✓			
R508B				✓		R13B1		✓			
R1234yf	HFO		✓	✓		R113		✓			
R170	HC	✓				R114		✓			
R600		✓				R500		✓			
R1270				✓		R502		✓			
R717	NH3	✓			✓	R503		✓			

	Type of oil	Type of gas	Bottle	MM code	Syringe	MM code
MECHANICAL COMPRESSORS (AND ELECTRIC SANDEN)	PAG	R134a	250ml	007935090640	Pack of 12 x 7,5ml	<b>007950025910</b>
			1L	007950025320	Pack of 12 x 7,5ml +adapter	<b>007950026340</b>
		R1234YF	250ml	007950024915	Pack of 12 x 7,5ml	<b>007950026050</b>
			350ml	007950024910	Pack of 12 x 7,5ml +adapter	<b>007950026360</b>
		UNIVERSAL R134a/R1234YF	250ml	007950027160	Pack of 12 x 7,5ml	<b>007950027510</b>
			1L	007950027170	Pack of 12 x 7,5ml +adapter	<b>007950027515</b>
ELECTRIC COMPRESSORS (NOT SANDEN)	POE	UNIVERSAL R134a/R1234YF	250ml	007950027505	Pack of 12 x 7,5ml	<b>007950026045</b>
					Pack of 12 x 7,5ml +adapters	<b>007950026350</b>

## SYRINGE ADAPTERS FOR SEALS AND UV CONTRASTS

SECTOR	ARTICLE	
AUTOMOTIVE R-134a	Adapter for Syringe 007950025940	
AUTOMOTIVE R-1234yf	Adapter for Syringe 007950027425	
REFRIGERATION F1/4 SAE	Adapter for Syringe 007950027250	

NEW

NEW

NEW

## LEAK STOP DETECTION

### WHAT IS A LEAK STOP:

Special additive formulated for the repair of micro leaks in automotive AC systems.

- It is an economic way to repair micro leaks
- It can be applied as preventive action
- Does not contain polymers that hardens with moisture or oxygen
- It does not damage the system
- Compatible and perfectly miscible with lubricant and refrigerant

### HOW DOES IT WORK?

The sealant is injected or sucked by the vacuum into the refrigerant system from the low-pressure port, where it gets carried with the refrigerant around the system.

It doesn't clog up the leak but rather forms a thin oil layer over the pipes, fixing the leaks in different elements also orings where very often leakage appears

Leak Stop in can:

1. Make the vacuum of the A/C system.
2. Connect the leak stop to the charge valve on the low-pressure side of the A/C system and introduce the sealant.

PLEASE NOTE: if you use a flexible adapter, let the air inside the hose out, before to connect it to the system.

3. Disconnect from the A/C system.


Recharge the system following the manufacturer's instruction.

4. Let the system work for at least 30 minutes to allow the leak stop to work.

Leak Stop in Syringe:

ADVANTAGE: no need to empty and create vacuum in the system.



	Type of oil	Type of gas	Can	MM code	Syringe	MM code
MECHANICAL COMPRESSORS (AND ELECTRIC SANDEN)	PAG	R134a	30ml	007950025330	30ml	007950025950
			+ UV dye 40ml	007950025140	30ml + adapter	007950027180
					40ml	007950026025
		40ml + adapter			007950027525	
		R1234YF	30ml	007950027440	30ml	007950027530
			+ UV dye 40ml	007950027445	30ml + adapter	007950027535
					40ml	007950027540
		40ml + adapter			007950027545	
		UNIVERSAL R134a/R1234YF		6ml	007950027100	
				6ml + adapter R134a	007950027110	
				6ml + adapter R1234yf	007950027120	
				6ml + adapters R134a/R1234yf	007950027550	
				with UV 8ml	007950027130	
				with UV 8ml + adapter R134a	007950027140	
				with UV 8ml + adapter R1234yf	007950027150	
				with UV 8ml + adapters R134a/R1234yf	007950027555	
ELECTRIC COMPRESSORS (NOT SANDEN)	POE	UNIVERSAL R134a/R1234YF		30ml	007950027560	
				30ml + adapters	007950027450	
HVAC Compressors	PAG	R290/R600a			30ml	007950027430
HVAC	POE	R11, R12, R13, R22, R123, R124, R134a, R141b, R32, R404A, R407C, R410A, R502, R503, R507A			60 ml concentrate	007950027435
					60 ml regular use	007950027210
					12 ml single dose	007950027300



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