

GeneralGas

PASSIONATELY COOL

HVAC - REFRIGERATION & AIR CONDITIONING

2023

EN

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KRYON


B-BRAZE


G-TEC



New Low GWP Products with High Energy Efficiency for Refrigeration and Air Conditioning

PRODUCT	ASHRAE N°	GWP IPCC rev.4	ODP	Industrial Refrigeration	Chiller	Commercial Refrigeration	Refrigerated Transports	Residential A/C	Automotive A/C (MAC)
Solstice® HFO 1234ze	HFO1234ze	6		✓	✓	✓			
Solstice® N15	R515B	299		Positive T and MT	Replaces R134a	Positive T Replaces R134a			
Solstice® HFO 1234yf	HFO1234yf	4			✓ Replaces R134a				✓
Solstice® N13	R450A	604		✓	✓	✓			
Opteon® XP10	R513A	631		Positive T and MT	Replaces R134a	Positive T Replaces R134a			
Solstice® zd	HFO1233zd	1			✓ Replaces R134a Centrifugal compressors				
Solstice® N40	R448A	1387		✓		✓			
Opteon® XP40	R449A	1397		MT (0°÷ -15°C)		MT (0°÷ -15°C)			
Kryon® 452B	R452B	698			✓			✓	
Opteon® XL41	R454B	466			Replaces R410A				
Solstice® L40X	R455A	148		✓		✓	✓		
Opteon® XL20	R454C	148				Plug-in systems			
Kryon® 452A	R452A	2141		✓ MT (0°÷ -15°C) LT (below -15°C)		✓ MT (0°÷ -15°C) LT (below -15°C)	✓		



Scan the code and access the
GWP Reduced HFO Products
and Substitutes Table

Basso GWP Medio GWP Zero ODP

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KRYON® 410A

The refrigerant with high energy efficiency index

Kryon® 410A is an azeotropic mixture composed of HFC-32/HFC-125, produced by Honeywell as a long term replacement product of R-22 (HCFC-22), in new equipments. This non ozone depleting mixture is, from the energetic point of view, very productive.

Kryon® 410A has higher refrigerating capacity and pressures compared to R-22, and a lower toxicity. Its use is very simple because it is an azeotropic mixture. Kryon® 410A is a Honeywell patent and has been proved to be non flammable by Underwriters' Laboratory (UL).

Applications:

Kryon® 410A is used in new home and small shop air conditioning systems.

Kryon® 410A is an excellent refrigerant in new concept water coolers not provided with centrifugal compressor.

Il Kryon® 410A can be used as replacement product of R-22 in new commercial refrigeration systems (low and medium temperature), including supermarket refrigerated display cases and refrigerated transport.



Residenziale
A/C



Heating
& Plumbing



Chiller

TEMPERATURE RANGE



T_{pos}

Zero ODP

Medium GWP

2088 (1924)
IPCC AR4 (AR5)



KryoSmart T-PED 1 Lt / 800 gr - 48 Bar - pack of 12 pieces - valve 5/16" SAE RH

F-GF-MI-R410A-1LT



KryoSmart T-PED 1 Lt / 800 gr - 48 Bar - pack of 6 pieces - valve 5/16" SAE RH

F-GF-MI-R410A-1LT-6



KryoSmart Alu T-PED aluminum 1,1 Lt / 800 gr - 48 Bar - package 12 pieces - valve 5/16" SAE RH

F-GF-MI-AL410A-1-12



KryoSmart Alu T-PED aluminum 1,1 Lt / 800 gr - 48 Bar - package 6 pieces - valve 5/16" SAE RH

F-GF-MI-AL410A-1-6



KryoSmart T-PED 2,5 Lt / 2Kg - 48 Bar - pack of 6 pieces - valve 5/16" SAE RH

F-GF-MI-R410A-2,5LT





KryoBox T-PED refillable cylinder
6,4 Lt - 5 Kg/42 bar valve 5/16"
SAE

F-GF-MD-R410A-6



KryoBox T-PED refillable cylinder
13,6 Lt - 10 Kg / 42 bar - valve
1/4"SAE RH with adapter 5/16" SAE
RH

F-GF-MXK-R410A-10



KryoBox T-PED refillable cylinder
13,6 Lt - 11,3 Kg / 42 bar - valve
1/4"SAE RH with adapter 5/16" SAE
RH

F-GF-MXK-R410A-13,6



R410A Kryon® 410A - T-PED returnable cylinder 13 Lt - 11 kg

F-GF-R410A-13



R410A Kryon® 410A - T-PED returnable cylinder 40 Lt - 35 kg

F-GF-R410A-40



KRYON® 32

The low GWP alternative to R-410A
in Air Conditioning systems



Residenziale
A/C



Heating
& Plumbing

TEMPERATURE RANGE



Zero ODP

LowGWP

675 (677)
IPCC AR4 (AR5)

Kryon® 32 is an HFC refrigerant used so far as component in blends of R-410A ed R-407C.

Thanks to its energy and environmental efficiency, Kryon® 32 has been already used by major manufacturers of household airconditioners systems.

Kryon® 32 has a GWP - Global Warming Potential - considerably lower than R-410A. The product is used in low coolant temperature systems.

Kryon® 32 is a mildly flammable gas. Kryon® 32 needs the use of Polyol Ester Oil (POE), with a viscosity specific for R-32.

Applications:

Kryon® 32 is used in residential and commercial air conditioning systems.



KryoSmart T-PED 1 Lt / 800 gr - 48 Bar - valve 1/2" 16 ACME LH - package 12 pieces

F-GF-MI-R32-1LT



KryoSmart T-PED 1 Lt / 800 gr - 48 Bar - valve 1/2" 16 ACME LH - package 6 pieces

F-GF-MI-R32-6B-1LT



KryoSmart Alu T-PED aluminum refillable cylinder, 1.1 Lt / 800 grams - 48 Bar - valve 1/2" 16 ACME LH - package 12 pieces

F-GF-MI-AL32-1-12



KryoSmart Alu T-PED aluminum refillable cylinder, 1.1 Lt / 800 grams - 48 Bar - valve 1/2" 16 ACME LH - package 6 pieces

F-GF-MI-AL32-1-6



KryoSmart T-PED 2.5 Lt / 1.800 gr - 48 Bar - valve 1/2" 16 ACME LH - package 6 pieces

F-GF-MI-R32-2,5LT





KryoBox T-PED refillable
cylinder 7 Lt - 5 Kg / 48 bar - valve 1/2" 16 ACME LH

F-GF-MD-R32-7



KryoBox T-PED refillable cylinder 13,6 Lt - 10 Kg / 48 bar -
valve 1/2" 16 ACME LH

F-GF-MXK-R32-13,6



R32 Kryon® 32 in T-Ped Rented Cylinder 12,5 Lt - 9 Kgs.
(valve 21,8 x 1/14 LH)

F-GF-R32-13



R32 Kryon® 32 in T-Ped Rented Cylinder 40 Lt - 31 Kgs.
(valve 21,8 x 1/14 LH)

F-GF-R32-40



KRYON® 407C

The refrigerant used in home air conditioning

Kryon® 407C is a zeotropic ternary mixture composed of HFC-32/HFC-125/HFC-134a. It has been developed as a replacement for R-22 (HFC-22). Il Kryon® 407C is a non ozone depleting refrigerant and lends itself to many uses in refrigeration and air conditioning systems.

Kryon® 407C is a zeotropic ternary mixture that, unlike azeotropic fluid, changes its temperature during evaporation and condensation phases, for a given value of pressure.

Kryon® 407C has a moderate T° Glide (5÷7 °C). Therefore it is very important that Kryon® 407C is transferred only as a liquid state when charging a system, and not as a vapour state. That would cause a change in the composition of the refrigerant, which could damage the plant.

Applications:

Kryon® 407C is used in home and small shop air conditioning systems. Kryon® 407C is also used in water chillers not provided with centrifugal compressor, and in mediumtemperature refrigeration systems.



Residenziale
A/C



Heating
& Plumbing



Chiller

TEMPERATURE RANGE



TN



Tpos

Zero ODP

Medium GWP

1774 (1624)
IPCC AR4 (AR5)



KryoSmart T-PED 1L / 850 gr - 48
Bar - valve 1/4" SAE RH - package
12 pieces

F-GF-MI-R407C-1LT



KryoSmart T-PED 1L / 850 gr - 48
Bar - valve 1/4" SAE RH - package 6
pieces

F-GF-MI-R407C-1LT-6



KryoSmart Alu T-PED aluminum
refillable cylinder 1L/0,85 kg. - 48
Bar - package 12 pieces - valve 1/4
SAE RH

F-GF-MI-AL407C-1-12



KryoSmart Alu T-PED aluminum
1,1L / 850 gr - 48 Bar - valve 1/4"
SAE RH - package 6 pieces

F-GF-MI-AL407C-1-6



KryoSmart T-PED 2,5L / 2 kg. - 48
Bar - valve 1/4" SAE RH - package 6
pieces

F-GF-MI-R407C-2,5LT





KryoBox T-PED refillable cylinder
6,4 Lt - 5 Kg / 42 bar - valve 1/4"
SAE RH

F-GF-MD-R407C-6



KryoBox T-PED refillable cylinder
13,6 Lt - 10 Kg / 42 bar - valve 1/4"
SAE RH

F-GF-MXK-R407C-10



KryoBox T-PED refillable cylinder
13,6 Lt 12,5 Kg / 42 bar - valve 1/4"
SAE RH

F-GF-MXK-R407C-13,6



R407C Kryon® 407C - T-PED returnable cylinder 13 Lt - 12 Kg

F-GF-R407C-13



R407C Kryon® 407C - T-PED returnable cylinder 40 Lt - 38 kg

F-GF-R407C-40



KRYON® 422D

The refrigerant designed for direct expansion chillers



Industrial
Refrigeration



Commercial
Refrigeration



Residenziale
A/C



Heating
& Plumbing



Chiller

TEMPERATURE RANGE



TN



Tpos

Zero ODP

High GWP

2730 (2473)
IPCC AR4 (AR5)

Kryon® 422D is an easy-to-use and non-ozone depleting HFC refrigerant. It was developed in order to replace R-22 in already existing direct expansion water refrigerators.

Applications:

Kryon® 422D is used in home and commercial air conditioning, in direct expansion water refrigerators and in food processing and preservation.



KryoSmart T-PED 1lt / 900 gr - 48 Bar - valve 1/4" SAE RH - package 12 pieces

F-GF-MI-R422D-1LT



KryoSmart T-PED 1lt / 900 gr - 48 Bar - valve 1/4" SAE RH - package 6 pieces

F-GF-MI-R422D-1LT-6



KryoSmart Alu T-PED aluminum 1,1 lt / 900 gr - 48 Bar - valve 1/4" SAE RH - package 12 pieces

F-GF-MI-AL422D-1-12



KryoSmart Alu T-PED aluminum 1,1 lt / 900 gr - 48 Bar - valve 1/4" SAE RH - package 6 pieces

F-GF-MI-AL422D-1-6



KryoSmart T-PED 2,5 lt / 2.0 kgs. - 48 Bar - valve 1/4" SAE RH - package 6 pieces

F-GF-MI-R422D-2,5LT





KryoBox T-PED refillable cylinder
6,4 Lt - 5 Kg / 42 bar - valve 1/4"
SAE RH

F-GF-MD-R422D-6



KryoBox T-PED refillable cylinder
6,4 Lt 5 Kg / 42 bar 100%
Reclaimed (meets AHRI-700
quality standards)

F-GF-MD-R422D-6-R



KryoBox T-PED refillable cylinder
13,6 Lt - 10 Kg / 42 bar - valve 1/4"
SAE RH

F-GF-MXK-R422D-10



KryoBox T-PED refillable cylinder
13,6 Lt 10 Kg / 42 bar 100%
Reclaimed (meets AHRI-700
quality standards)

F-GF-MXK-R422D-10R



KryoBox T-PED refillable cylinder
13,6 Lt - 13 Kg / 42 bar - valve 1/4"
SAE RH

F-GF-MXK-R422D-13,6



R422D Krypton® 422D - T-PED returnable cylinder
13 Lt - 12 Kg

F-GF-R422D-13



R422D Krypton® 422D - T-PED returnable cylinder
40 Lt - 38 Kg

F-GF-R422D-40



KRYON® 422B

The refrigerant gas designed for direct expansion A / C systems

Il Kryon®422B is an easy-to-use and non-ozone depleting HFC refrigerant. Developed to replace R-22 used in residential air conditioning.

Performance:

- Kryon® 422B allows easy, fast and favourable conversion.
- It allows the continuous use of existing plants.
- A lower delivery temperature compared to R-22.
- It is possible to fill the system up during the service, without having to remove the whole refrigerant charge.



Residenziale
A/C



Heating
& Plumbing

TEMPERATURE RANGE



TN



Tpos

Zero ODP

High GWP

2526
IPCC AR4 (AR5)



KryoBox T-PED refillable
cylinder 6,4 Lt - 5 Kg / 42 bar - valve 1/4" SAE RH

F-GF-MD-R422B-6



KryoBox T-PED refillable
cylinder 13,6 Lt - 10 Kg / 42 bar - valve 1/4" SAE RH

F-GF-MXK-R422B-10



KryoSmart T-PED 1 Lt / 900 gr - 48
Bar - valve 1/4" SAE RH - package
12 pieces

F-GF-MI-AC422B-1-12



KryoSmart T-PED 1 Lt / 900 gr - 48
Bar - valve 1/4" SAE RH - package 6
pieces

F-GF-MI-AC422B-1-6



KryoSmart Alu T-PED aluminum
1,1 Lt / 900 gr - 48 Bar - valve 1/4"
SAE RH - package 12 pieces

F-GF-MI-AL422B-1-12



KryoSmart Alu T-PED aluminum
1,1 Lt / 900 gr - 48 Bar - valve 1/4"
SAE RH - package 6 pieces

F-GF-MI-AL422B-1-6



KryoSmart T-PED 2,5 Lt / 2.0 kgs. -
48 Bar - valve 1/4" SAE RH -
package 6 pieces

F-GF-MI-R422B-2,5LT



KRYON® 134A

The reference refrigerant for motor vehicle air conditioning



Industrial Refrigeration



Commercial Refrigeration



Domestic Refrigeration



Residential AC



Automotive



Chiller

TEMPERATURE RANGE



Zero ODP

Medium GWP

1.430 (1.300)
IPCC AR4 (AR5)

Kryon® 134a is one of the main product replacing HCFC gases and is the non-ozone depleting and non polluting option. The product has an energetic efficiency and a refrigeration capacity similar to R-12, but with a lower toxicity.

Kryon® 134a is a reference refrigerant for motor vehicle air conditioning. It can be used in home and commercial refrigeration as well as in commercial and industrial air conditioning. Kryon® 134a is one of the most common components in refrigerants on the market.

Applications:

Kryon® 134a is used in all motor vehicle air conditioning systems.

Kryon® 134a has been developed for many applications in refrigeration, as for example supermarket display cabinets, cold rooms and domestic refrigerators. The product can be used in packaged centrifugal chillers.



KryoSmart T-PED 1lt / 900 gr - 48 Bar - valve 1/4" SAE RH - package 12 pieces

F-GF-MI-R134A-1LT



KryoSmart T-PED 1lt / 900 gr - 48 Bar - valve 1/4" SAE RH - package 6 pieces

F-GF-MI-R134A-1LT-6



KryoSmart Alu T-PED aluminum 1,1 lt / 900 gr - 48 Bar - valve 1/4" SAE RH - package 12 pieces

F-GF-MI-AL134A-1-12



KryoSmart Alu T-PED aluminum 1,1 lt / 900 gr - 48 Bar - valve 1/4" SAE RH - package 6 pieces

F-GF-MI-AL134A-1-6



KryoSmart T-PED 2,5 lt / 2.0 kgs. - 48 Bar - valve 1/4" SAE RH - package 6 pieces

F-GF-MI-R134A-2,5LT





KryoBox T-PED refillable cylinder
6,4 Lt - 5 Kg / 42 bar - valve 1/4"
SAE RH

F-GF-MD-R134A-6



KryoBox T-PED refillable cylinder
13,6 Lt - 10 Kg / 42 bar - valve 1/4"
SAE RH

F-GF-MXK-R134A-10K



KryoBox T-PED refillable cylinder
13,6 Lt - 12 Kg / 42 bar - valve 1/4"
SAE RH

F-GF-MXK-R134A-12K



R134a KRYON® in returnable cylinder
13 Lt - 13 Kg

F-GF-R134A-13



R134a KRYON® in returnable cylinder
40 Lt - 40 Kg

F-GF-R134A-40



SOLSTICE® HFO 1234YF

The ideal low Global Warming
Potential refrigerant for mobile air
conditioning and chillers

HFO 1234yf has been developed at Buffalo Research Laboratory by Honeywell Fluorochemicals with the aim of replacing R134a in motor vehicle air conditioning.

Its thermodynamic characteristics make HFO 1234yf very similar to R134a in performance, energetic efficiency and working pressures.

By using HFO 1234yf automobile manufacturers have been able to adapt easily systems working with R-134a, and achieve similar performance, sometimes even better; moreover HFO 1234yf was successfully introduced by leading manufacturers of latest generation chiller with high performance. Even compared to carbon dioxide - CO₂, HFO 1234yf boasts a better energetic efficiency and a lower contribution to the total greenhouse effect (Direct Effect - Indirect Effect).

Its limited Direct Greenhouse Effect (GWP < 1 kg CO₂) makes HFO 1234yf the best possible solution from an environmental point of view.



Automotive



Chiller

TEMPERATURE RANGE

T_{pos}

Zero ODP

Low GWP

4 (1)
IPCC AR4 (AR5)

(EXPORT package, adapter with outlet HP J2888 quick connection not included)



T-PED cylinder 3,1Lt / 3 Kg - 42
Bar - valve with quick HP
connection J2888

F-GF-MI-HFOYF-3,1LT



T-PED cylinder 6,4 Lt / 5 Kg - 42
Bar sold in package box - valve
1/2 - 16 ACME LH

F-GF-HFOYF-5K-ITA



T-PED cylinder 6,4 Lt / 5 Kg - 42
Bar sold in package box - valve
21,8 x 1/14 LH

F-GF-HFOYF-5K-ITAB





T-PED aluminum cylinder 1,1 Lt /
0,8 Kg - 48 Bar - valve 1/2 ACME LH
- package with 6 pieces

F-GF-MI-ALYF-1-6



1234yf Kryon® HF01234yf in T-PED
cylinder 13 Lt / 5 Kg - 42 Bar -
cylinder included - valve 1/2 ACME
LH (adapter with outlet HP J639
quick connection not included)

F-GF-HFOYF-5K131TA



1234yf Kryon® HF01234yf in T-PED
cylinder 13 Lt / 10 Kg - 42 Bar -
cylinder included - valve 1/2 ACME
LH (adapter with outlet HP J639
quick connection not included)

F-GF-HFOYF-10K-ITA



Valve adapter inlet 1/2 - 16 ACME
female LH (left hand) - outlet male
HP J2888

F-AF-AL-AD-12ACME



Valve Adapter inlet W21,8x1/14 LH
(left hand) Din 1 - Outlet Male HP
J2888

F-AF-VA-HFOYF-W21,8



Adapter with valve R32 / R290 /
R600a / 1234yf - inlet female 1/2
ACME LH (left hand) - outlet male
1/4 SAE RH (right hand) with
depressor pin

F-AF-AL-VA-12A-U1/4



SOLSTICE® N40 - R448A

The most energy efficient, reduced GWP alternative to R-404A/R-507

Solstice® N40 is an hydrofluoro-olefin (HFO) blend, with a significantly low GWP (reduction > 65% compared to R-404A), designed to replace R-404A/R-507 in positive displacement, direct expansion low and medium temperature commercial and industrial refrigeration equipment. Solstice® N40 guarantees superior energy efficiency at low and medium temperature applications.

Applications:

Solstice® N40 is suitable for LT and MT commercial and industrial DX refrigeration; centralized rack systems, distributed systems, walk-in coolers/freezers, preparation rooms, cold stores, plug-in cabinets, chilled vertical cabinets. Solstice® N40 is suitable for new equipment and quick and easy retrofit of existing systems operating with R-404A / R507.



Industrial Refrigeration



Commercial Refrigeration

TEMPERATURE RANGE



Tpos



BT

Zero ODP

Low GWP

1387 (1273)
IPCC AR4 (AR5)



R448A Solstice® N40 in returnable cylinder
40 Lt - 36 Kg - T-PED

F-GF-N40-R448A-40



KryoBox T-PED refillable
cylinder 6,4 Lt - 5 Kg / 42 bar -
valve 1/4" SAE RH

F-GF-MD-R448A-6



KryoBox T-PED refillable
cylinder 13,6 Lt - 10 Kg / 42 bar -
valve 1/4" SAE RH

F-GF-MXK-R448A-10



R448A Solstice® N40 in returnable
cylinder 13 Lt - 11 Kg - T-PED

F-GF-N40-R448A-13



OPTEON® XP 40 - R449A

The Low GWP replacement of R-404A / R-507
in commercial & industrial refrigeration

Opteon® XP40 is a non-ozone depleting, low Global Warming Potential (GWP) hydro-fluoro-olefin (HFO) based refrigerant, with a GWP value particularly low (reduction >65% compared to R-404A) and optimal balance of properties, to replace R-404A/R-507 in positive displacement, direct expansion low - and medium - temperature commercial and industrial applications. Opteon® XP40 enables improved energy efficiency at medium and low temperatures.

Applications:

Opteon® XP40 is suitable for low- and medium-temperature commercial and industrial DX refrigeration; centralized rack systems, distributed systems, walk-in coolers/freezers, preparation rooms, cold stores (e.g. condensing units), plugin cabinets, chilled vertical cabinets.



Industrial Refrigeration



Commercial Refrigeration



Refrigerated Transports

TEMPERATURE RANGE



TN



BT

Zero ODP

Low GWP

1397 (1282)
IPCC AR4 (AR5)



R449A Opteon® XP40 in returnable cylinder
40 Lt. - 35 Kg. - T-PED

F-GF-R449A-40



KryoBox T-PED refillable
cylinder 6,4 Lt - 5 Kg / 42 bar -
valve 1/4" SAE RH

F-GF-MD-R449A-6



KryoBox T-PED refillable
cylinder 13,6 Lt - 10 Kg / 42 bar -
valve 1/4" SAE RH

F-GF-MXK-R449A-13,6



R449A Opteon® XP40 in
returnable cylinder
13 Lt. - 10 Kg. - T-PED

F-GF-R449A-13



KRYON® 404A

The reference product for commercial refrigeration



Industrial Refrigeration



Commercial Refrigeration



Refrigerated Transports

TEMPERATURE RANGE



Zero ODP

High GWP

3922 (3943)
IPCC AR4 (AR5)

Kryon® 404A is a non-ozone depleting refrigerant gas developed for long-term replacement of R-22 (HCFC) in low and medium temperature commercial refrigeration.

Kryon® 404A is a slightly zeotropic mixture. For this reason it is necessary to charge systems only with refrigerant in the liquid phase, and not with vapour because that would cause a change in the composition of refrigerant that could damage the system.

Applications:

Kryon® 404A is used in low and medium commercial and industrial refrigeration, as for example supermarket display cabinets, cold rooms, stands, refrigerated transport and ice making machines.



KryoBox T-PED refillable
cylinder 6,4 Lt - 5 Kg / 42 bar - valve 1/4" SAE RH

F-GF-MD-R404A-6



KryoBox T-PED refillable cylinder
6,4 Lt - 5 Kg / 42 bar - valve 1/4" SAE RH - 100% Reclaimed
(meets AHRI-700 quality standards)

F-GF-MD-R404A-6-R



KryoBox T-PED refillable
cylinder 13,6 Lt - 10 Kg / 42 bar - valve 1/4" SAE RH

F-GF-MXK-R404A-10



KryoBox T-PED refillable cylinder
13,6 Lt - 10 Kg / 42 bar - valve 1/4" SAE RH - 100% Reclaimed
(meets AHRI-700 quality standards)

F-GF-MXK-R404A-10R





R404A KRYON® 404A T-PED returnable cylinder 13 Lt - 10 Kg

F-GF-R404A-13



R404A KRYON® 404A - T-PED returnable cylinder 40 Lt - 32 Kg

F-GF-R404A-40



R404A 100% Reclaimed (meets AHRI-700 quality standards)
in T-PED returnable cylinder 13 Lt - 10 Kg

F-GF-R404A-13-R



R404A 100% Reclaimed (meets AHRI-700 quality standards)
in T-PED returnable cylinder 40 Lt - 32 Kg

F-GF-R404A-40-R



OPTEON® XP 44 - R452A

low GWP and no increase of discharge

temperature in LT and MT refrigeration

Opteon® XP44 is a low Global Warming Potential (GWP) hydrofluoro-olefin based refrigerant with an environmental impact 50% lower than traditional R-404A/R-507. The product is non-ozone depleting and offers comparable energy efficiency vs. R-404A, whose availability will be limited by the application of F-Gas EU 517/2014.

Opteon® XP44 is used in positive displacement, direct expansion transport applications as well as in LT and MT commercial and industrial DX refrigeration.

Applications:

Opteon® XP44 is suitable for LT and MT transport DX refrigeration (refrigerated trucks, refrigerated vans, reefer containers).

Opteon® XP44 is also suitable for new installations and retrofit of existing systems in low and medium temperature commercial and industrial DX refrigeration.



Industrial Refrigeration



Commercial Refrigeration



Refrigerated Transports

TEMPERATURE RANGE



TN



BT

Zero ODP

Low GWP

2141 (1945)
IPCC AR4 (AR5)



R452A Opteon® XP44 in returnable cylinder
40 Lt. - 35 Kg. - T-PED

F-GF-R452A-40



KryoBox T-PED refillable
cylinder 6,4 Lt - 5 Kg / 42 bar -
valve 1/4" SAE RH

F-GF-MD-R452A-6



KryoBox T-PED refillable
cylinder 13,6 Lt - 10 Kg / 42 bar -
valve 1/4" SAE RH

F-GF-MXK-R452A-13,6



R452A Opteon® XP44 in
returnable cylinder
13 Lt. - 10 kg. - T-PED

F-GF-R452A-13



OPTEON® XP10 - R513A

Low GWP replacement of R-134a in
commercial & industrial refrigeration

Opteon® XP10 (R513A) is a non-ozone depleting, low Global Warming Potential (GWP) hydrofluoro-olefin (HFO) based refrigerant, with a GWP value particularly low (reduction >55% compared to R-134a), developed to replace, with close performance match, R-134a in positive displacement, direct expansion MT commercial and industrial applications. Opteon® XP10 is safe and non-flammable, extensively field tested and supported by major equipment and component manufacturers.

Applications:

Opteon® XP10 can be used in positive displacement, direct expansion MT commercial and industrial systems.



Residenziale
A/C



Industrial
Refrigeration



Commercial
Refrigeration



Chiller

TEMPERATURE RANGE



Tpos



BT

Zero ODP

Low GWP

631 (572)
IPCC AR4 (AR5)



R513A Opteon® XP10 in returnable cylinder
40 Lt. - 38 Kg. - T-PED

F-GF-R513A-40



R513A Opteon® XP10 in KryoBox cylinder
13,6 Lt. - 12,0 Kg. - T-PED

F-GF-MXK-R513A13,6X



R513A Opteon® XP10 in returnable cylinder
13 Lt. - 12 Kg. - T-PED

F-GF-R513A-13



SOLSTICE® HFO 1234ZE

The ideal low Global Warming Potential refrigerant for chillers

Solstice® HFO 1234ze has been developed by Honeywell Fluorochemicals with the aim of replacing R-134a with a Low Global Warming Potential Refrigerant (LGWP). In fact Solstice® HFO 1234ze has a GWP of 1 kg/C02.

In environmental conditions, its atmospheric lifetime is only of 18 days, much lower than 13 years for R-134a. Besides, its thermodynamic characteristics make Solstice® HFO 1234ze an excellent solution for the replacement of R-134a, because its energetic efficiency is similar or even higher compared to R-134a.

Working pressures of Solstice® HFO 1234ze are slightly lower compared to R-134a, whereas its critical temperature is higher.

So it is possible working at higher condensing temperature, while maintaining a good thermodynamic efficiency.

Applications:

Solstice® HFO 1234ze is used in chillers for air conditioning and refrigeration applications, in hermetically sealed refrigeration compressors, vending-machines, refrigerated cabinets and cold rooms.



Industrial Refrigeration



Chiller

TEMPERATURE RANGE



Tpos



BT

Zero ODP

Low GWP

631 (572)
IPCC AR4 (AR5)



R1234ze Solstice® HFO ze Refrigeration grade (purity > 99,5%) in returnable cylinder 13 Lt - 13 Kg T-PED

F-GF-HF01234ze-13



R1234ze Solstice® HFO ze Refrigeration grade (purity > 99,5%) in returnable cylinder 40 Lt - 40 Kg T-PED

F-GF-HF01234ze-40



KRYON® 600A

Excellent cooling properties of Hydrocarbons

Kryon® 600a (Isobutane) is a Hydrocarbon (HC) classified as alkane. Hydrocarbons are refrigerants consisting entirely of hydrogen and carbon atoms. These elements are already present in the atmosphere by nature, so they do not constitute a risk for the environment.

Kryon® 600a, like other hydrocarbons, is a flammable gas and there are safety issues related to its use. But the use of high efficient hydrocarbon refrigerant Kryon® 600a results in reduced refrigerant charge thanks to its thermodynamic properties. This extremely low refrigerant charge (a few grams) makes Kryon® 600a completely safe and high-performing.

Applications:

Kryon® 600a is used in commercial refrigeration: serve-over and self service counters, cold rooms, ice-maker machines, vending machines and refrigerated warehouses.

Kryon® 600a is also used in domestic refrigeration: freezers and domestic refrigerators.



Aerosol Aluminum Cylinders (single use not refillable) 1.000 ml. / 420 grams - 30 bar - valve B188 7/16 20 UNF EU - package 12 pcs.
F-GF-MI-R600a-1LT

F-GF-MI-R600a-1LT



KRYON® 290

The natural refrigerant for the plug-in's commercial refrigeration systems

Kryon® 290 (propane) is an hydrocarbon HC belonging to the linear saturated alkanes. Hydrocarbons are refrigerants which are exclusively composed of carbon and hydrogen atoms; these compounds occur naturally in the earth's atmosphere, therefore it does not represent an environmental risk (greenhouse gas emission and ozonedepleting).

Applications:

Kryon® 290 is mainly used in commercial refrigeration systems, (positive temperature): supermarket refrigerated display case, ice maker machines, vending machines.



12 x Kryosmart R290 refrigeration grade 2.5-99,5% - 1Lt/430Gr - package of 12 pcs. - valve 7/16 20 UNEF

F-GF-MI-ACR290-1-12



6 x Kryon® 290 (R290) refrigeration grade 2.5-99,5% - 1Lt/430Gr - package of 6 pcs. - valve 7/16 20 UNEF

F-GF-MI-ACR290-1-6



DISTRIBUTED IN NON-EU COUNTRIES ONLY

General Gas Non-Refillable Cylinders are used world-wide.

They are manufactured according to DOT 39 specifications.

Each cylinder is packed in high-strength cardboard box in order to make the transport and the storage easier.

Non-Refillable Cylinders are filled by General Gas with the use of a patented system called "High Purity System".

With this method it is possible to achieve a quality standard as required by the major air conditioning and refrigerating system manufacturers.



This technology allows you to obtain a gas humidity below the maximum limit (equal to 10 ppm).

All GeneralGas cylinders come with anti-counterfeiting seal, with hologram and unique QR-Code (scan with a IOS or Android smartphone to verify authenticity).



KRYON® 134A



	UM	Kryon® 134a	Kryon® 404a	Kryon® 407C	Kryon® 507	Kryon® 410A
Cylinder Diameter	mm Inc	243 9.56	243 9.56	243 9.56	243 9.56	243 9.56
Cylinder Height (Handle included)	mm inc	425 17.71	425 17.71	425 17.71	425 17.71	425 17.71
Cylinder Capacity	lt gal	13,77 3.63	13,77 3.63	13,77 3.63	13,77 3.63	13,77 3.63
Box Dimension	mm	247 x 247 (h) 430	247 x 247 (h) 430	247 x 247 (h) 430	247 x 247 (h) 430	247 x 247 (h) 430
Standard Specification	-	DOT39	DOT39	DOT39	DOT39	DOT39
NRV Valve Connection	-	NRV Valve 1/4" SAE	NRV Valve 1/4" SAE	NRV Valve 1/4" SAE	NRV Valve 1/4" SAE	NRV Valve 1/4" SAE
Working Pressure/ Test Pressure/	psi bar Mpa	260/325 18/22 1.8/2.2	308/385 21/27 2.1/2.7	308/385 21/27 2.1/2.7	308/385 21/27 2.1/2.7	400/500 28/35 2.8/3.5

PERFORMANCE

- ✓ Patented, non-refillable valve preserves product integrity and discourages unauthorized attempts to refill the cylinder.
- ✓ Heavy duty wire handle provides maximum protection for the valve during transportation and handling, as well as a comfortable means of carrying the cylinder.
- ✓ Relief device is a frangible disc designed to vent the contents.

Anti-Counterfeiting Seal
 Refrigerant R134a Made in GERMANY

 MADE IN
ITALY
 EUROPE

 DISTRIBUTED IN NON-EU
 COUNTRIES ONLY

KRYON® 404A

KRYON® 407C

KRYON® 410A

KRYON® 507


Refrigerant	Item Code	Gas Q.ty	Capacity	Pressure	Valve	Sales Unit	N° Pieces per Pack	N° Cylinders per Pallets	N° Cylinders per Container 20'	GWP per Pack (TonCO ₂ eq.)
		Kg	Lt							
Kryon® 134a	F-GF-MX-DOT-R134A	13,6	13,77	22 bar	NRV Valve 1/4" SAE	NR	1	90	900	17,680
Kryon® R404A	F-GF-MX-DOT-R404A	10,9	13,77	27 bar	NRV Valve 1/4" SAE	NR	1	90	900	42,979
Kryon® 407C	F-GF-MX-DOT-R407C	11,3	13,77	27 bar	NRV Valve 1/4" SAE	NR	1	90	900	18,351
Kryon® R410A	F-GF-MX-DOT-R410A	11,3	13,77	35 bar	NRV Valve 1/4" SAE	NR	1	90	900	21,741
Kryon® 507	F-GF-MX-DOT-R507	11,3	13,77	27 bar	NRV Valve 1/4" SAE	NR	1	90	900	45,031

**BLUE**

Connections 1/4" SAE - J2196
n° 1 pcs. - length 300 cm

F-ER-AT-TVA-01**RED**

Connections 1/4" SAE - J2196
n° 1 pcs. - length 300 cm

F-ER-AT-TVA-02**YELLOW**

Connections 1/4" SAE - J2196
n° 1 pcs. - length 300 cm

F-ER-AT-TVA-03**BLUE**

Connections 1/4" SAE - J2196
n° 1 pcs. - length 200 cm

F-ER-AT-TVA-04**RED**

Connections 1/4" SAE - J2196
n° 1 pcs. - length 200 cm

F-ER-AT-TVA-05**YELLOW**

Connections 1/4" SAE - J2196
n° 1 pcs. - length 200 cm

F-ER-AT-TVA-06**BLUE**

Connections 5/16" SAE - J2196
n° 1 pcs. - length 200 cm

F-ER-AT-TVA-07**RED**

Connections 5/16" SAE - J2196
n° 1 pcs. - length 200 cm

F-ER-AT-TVA-08**YELLOW**

Connections 5/16" SAE - J2196
n° 1 pcs. - length 200 cm

F-ER-AT-TVA-09**BLUE**

Connections 5/16" SAE - J2196
n° 1 pcs. - length 300 cm

F-ER-AT-TVA-10**RED**

Connections 5/16" SAE - J2196
n° 1 pcs. - length 300 cm

F-ER-AT-TVA-11**YELLOW**

Connections 5/16" SAE - J2196
n° 1 pcs. - length 300 cm

F-ER-AT-TVA-12

**BLUE**

Charging Hose 5/16 SAE - 45°
J2196 with Ball Valve
n° 1 pcs. - length 200 cm

F-ER-AT-TVA-17**RED**

Charging Hose 5/16 SAE - 45°
J2196 with Ball Valve
n° 1 pcs. - length 200 cm

F-ER-AT-TVA-18**YELLOW**

Charging Hose 5/16 SAE - 45°
J2196 with Ball Valve
n° 1 pcs. - length 200 cm

F-ER-AT-TVA-19**BLUE**

Charging Hose 1/4 SAE - 45°
J2196 Lwith Ball Valve
n° 1 pcs. - length 200 cm

F-ER-AT-TVA-14**RED**

Charging Hose 1/4 SAE - 45°
J2196 Lwith Ball Valve
n° 1 pcs. - length 200 cm

F-ER-AT-TVA-15**YELLOW**

Charging Hose 1/4 SAE - 45°
J2196 Lwith Ball Valve
n° 1 pcs. - length 200 cm

F-ER-AT-TVA-16

Kit n° 3 charging hoses (red + yellow + blue) lenght 150 cm. -
with valve 45° - connections 1/4 SAE on both sides, with
check valve

F-AF-RE-TU1_4-45-V

Kit n° 3 charging hoses R410A/R32 (red + yellow + blue) - -
lenght 150 cm. - connection 5/16 SAE on 45° check valve side,
connection 1/4 SAE on straight side

F-AF-RE-TU5_16-45-V



R32 and other flammable refrigerants - valve adapter inlet
female W 21,8-1/14 LH - outlet 1/4 SAE male RH

F-AF-AL-AD-21,8-001



R32 and other flammable refrigerants - valve adapter inlet
female W 21,8-1/14 LH - outlet 5/16 SAE male RH

F-AF-AL-AD-21,8-002



R32 and other flammable refrigerants - valve adapter inlet
female 1/2 ACME LH - outlet 5/16 SAE male RH

F-AF-AL-AD-16ACME02



R32 and other flammable refrigerants - valve adapter inlet
female 1/2 ACME LH (left hand), outlet male 1/4 SAE RH (right hand)

F-AF-AL-AD-16ACME01



Adapter for aerosol/spray can, inlet 7/16 28 UNEF (female),
outlet 1/4 SAE (male) - RAC (R134a, R22, R600A, R290)

F-AF-AL-RAC-1_4SAE



Valve Adapter inlet 5/16 SAE female - outlet 1/4 SAE male

F-AF-AL-RID-1_4SAE





Adapter for valve inlet female W21,7-1/14 RH (right hand) - outlet 1/4 SAE RH (right hand) for R134a, R22, R404A, R407F, R407C etc.

F-AF-AL-AD-14W21,7



R290/R600a - valve Adapter female W20-1/14 LH (left hand) - 1/2 16 ACME male LH (left hand)

F-AF-AL-AD-12W20



R32 and other flammable refrigerants - valve adapter inlet female W 21,8-1/14 LH - outlet 1/2 - 16 ACME M. LH

F-AF-AL-AD-16ACME



R410A - valve adapter female W21,7x1/14 RH (right hand) - outlet 5/16 SAE male RH (right hand)

F-AF-AL-AD-516W21,7



Adapter with valve - inlet female 5/16 SAE RH - outlet male 1/4 SAE RH, with depressor pin

F-AF-AL-VA-5/16-1/4



Valve adapter inlet 1/4 SAE female right hand - outlet 5/16 SAE male right hand (R410A)

F-AF-AL-KIT-N2-05





Adapter with valve R32 - inlet female 1/2 ACME LH (left hand) - outlet male 5/16 SAE RH (right hand) with depressor pin

F-AF-AL-VA-12A-U516



Adapter with valve R32/R290/R600a/1234yf - inlet female 1/2 ACME LH (left hand) - outlet male 1/4 SAE RH (right hand) with depressor pin

F-AF-AL-VA-12A-U1/4



Refrigerant Retention Control Valve (shut-off) R32 - inlet 1/2 ACME LH - outlet 5/16 RH

F-AF-AL-VA-SH-001



Refrigerant Retention Control Valve (shut-off) R410 - inlet 1/4 SAE RH - outlet 5/16 RH

F-AF-AL-VA-SH-002



Refrigerant Retention Control Valve (shut-off) R410 - inlet 1/4 SAE RH - outlet 5/16 RH

F-AF-AL-VA-SH-003



Refrigerant Retention Control Valve (shut-off) R410 - inlet 5/16 SAE RH - outlet 5/16 SAE RH

F-AF-AL-VA-SH-004



Refrigerant Retention Control Valve (shut-off) R32 - inlet 1/2 ACME LH - outlet 1/4 RH

F-AF-AL-VA-SH-005





HVACR service tool kit composed by:

- hand or drill powered flaring tool VFT-808E
- tube cutter VTC-32
- tube deburrer VTT-5

F-AF-AL-VAL-KIT01



Universal Schrader Valve core remover/installer kit
Mastercool (suitable for R410A, R32 and supplied with adapter
1/4 SAE)

F-AF-RE-KT-ES-IN-01



Tube cutter VTC-32
for copper pipes dia. 4 to
32 mm. (1/8" to 1" 1/4)

F-AF-AL-VAL-VTC32



Manual flaring tool VFT-808-MI
for copper pipes
(suitable for pipes 1/4" - 5/16" -
3/8" - 1/2" - 5/8" - 3/4" and metric
sizes 6, 8, 10, 12, 16 e 19 mm.)

F-AF-AL-VAL-808MI



Tube deburrer HD-2 - titanium
coated - special blade (deburring
and countersink)

F-AF-AL-WIP-HD-1



VALUE VET-19LI FLARING TOOL, BATTERY OPERATED

Battery-operated electric flaring machine - performs precise and well delineated on inch pipes with diameters of 1/4", 3/8", 1/2", 5/8" and 3/4", thanks to the clamps.

It makes high-quality flares in seconds and has a production capacity of about 90 jobs per hour, with a battery charged.

The eccentric cone, an exclusive design, makes the flange smooth and uniform.

The flaring machine is equipped with LED light, for direct illumination of the working area. Supplied in a practical plastic carrying case, which houses the folder machine, a battery, a battery charger and five clamps (jigs).



Flaring tool, battery operated VET-19LI

F-AF-AL-CAR-VET19LI



Kit of 6 clamps for flaring tool, battery operated VET-19LI - suitable for copper pipes dia. 6, 8, 10, 12, 16, 18 mm.

F-AF-AL-CAR-KIT01



VALUE VTE-42DM COPPER TUBE EXPANDER HVACR - BATTERY OPERATED

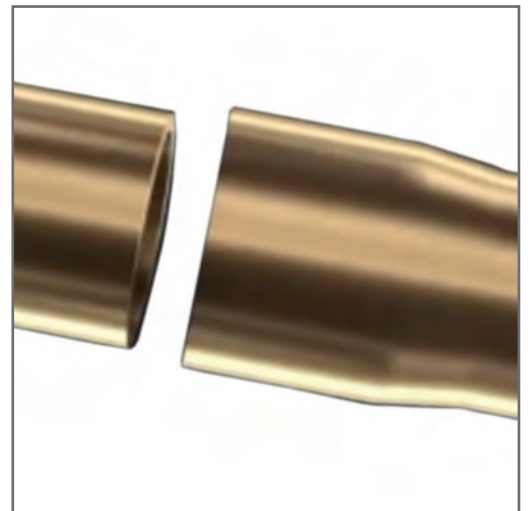
Copper tube expander HVACR - battery operated VTE-42DM, suitable for copper tubes dia. 10, 12, 15, 16, 18, 22, 28, 35, 42 mm. - with 2 batteries, packaged in blow case

- Power expander for copper tubes, with diameters in inches (air conditioning)
- Package includes 2 (two) Li-Ion batteries 7,4 V 2 Ah, for extended capacity and operation
- Effortless, quick and accurate tube expanding
- One-button operation
- Automatic pressure relief
- Quick connect heads
- Innovative head design, minimizing 3/8" tube splitting
- Large capacity lithium batteries
- Complete an expansion in 10 seconds
- Up to 220 expansions per charge
- Quick charge in 35 minutes
- Battery power indicator
- Led flash light to illuminate the work area
- Package includes a tube cutter (suitable for tube dia. up to 32 mm - 1 1/4") and a tube deburrer
- Packaged in a blow case for easy transport and handling



Copper tube expander HVACR - battery operated - VTE-42DM suitable for copper pipes dia. 10, 12, 15, 16, 18, 22, 28, 35, 42 mm. - with 2 batteries, in plastic blow case

F-AF-AL-ESP-VTE42DM



Copper tube expander HVACR - battery operated VTE-29D, suitable for copper tubes dia. 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1 1/8 inches - with 2 batteries, packaged in blow case

F-AF-AL-ESP-VTE29D



ERRECOM POE OIL

Errecom POE Oil - Lubricants for Air Conditioning & Refrigeration Systems

POE are synthetic lubricants with high chemical and thermal stability. Due to their good miscibility with refrigerants they are the best choice for applications with HFC/FC such as R134a, R404A, R407C.

POE oils are also compatible with hydrocarbons such as R290 propane and R1270 propylene. In addition, our additive offer is always evolving: POE Errecom is also the best solution for applications with new generation HFO (hydrogenation of fluorinated olefins) such as R1234yf and R1234ze, which are both low-GWP latest formulation gases.

The high viscosity index ensures excellent low-temperature flowability and a stable film at high temperatures, thus confirming the maximum efficiency in all operating conditions.

The pursued aims in the development of new ERRECOM lubricants are:

- Excellent lubricant ability;
- Hydrolytic stability;
- High compatibility with the materials of all kind of systems, both new and old ones (with a constant attention to their evolution over the time);
- Excellent properties at low temperature;
- Electrical isolation;
- Low toxicity and high biodegradability level, always following our green philosophy precepts;
- Reduced hygroscopicity and anti-humidity additive;
- High thermal stability to oxidation;
- High solubility performances with refrigerants;
- Optimal miscibility with refrigerants.



Errecom POE Oil - Lubricants for Air Conditioning & Refrigeration Systems

ERRECOM POE OIL



POE 22

Plastic Tank - 1 lt. - Package # 12 pcs

F-ER-OL-POE022-03



Metal Tank - 5 lt. - Package # 2 pcs

F-ER-OL-POE022-08



Metal Tank - 1 lt. - Package # 12 pcs

F-ER-OL-POE022-04



Metal Tank - 25 lt.- Package # 1 pcs

F-ER-OL-POE022-09



Plastic Tank - 5 lt. - Package # 2 pcs

F-ER-OL-POE022-07



Metal Tank 200 liters - Package # 1 pcs

F-ER-OL-POE022-10



POE 32

Plastic Tank - 1 lt. - Package # 12 pcs

F-ER-OL-POE032-03



Metal Tank - 5 lt. - Package # 2 pcs

F-ER-OL-POE032-08



Metal Tank - 1 lt. - Package # 12 pcs

F-ER-OL-POE032-04



Metal Tank - 25 lt.- Package # 1 pcs

F-ER-OL-POE032-09



Metal Tank - 1 lt. - Package # 12 pcs

F-ER-OL-POE032-07



Metal Tank 200 liters - Package # 1 pcs

F-ER-OL-POE032-10



POE 46

Metal Tank - 1 lt. - Package # 12 pcs

F-ER-OL-POE046-04



Metal Tank - 25 lt.- Package # 1 pcs

F-ER-OL-POE046-09



Metal Tank - 5 lt. - Package # 2 pcs

F-ER-OL-POE046-08



Metal Tank 200 liters - Package # 1 pcs

F-ER-OL-POE046-10



POE 55

Metal Tank - 1 lt. - Package # 12 pcs

F-ER-OL-POE055-04



Metal Tank - 25 lt. - Package # 1 pcs

F-ER-OL-POE055-09



Metal Tank - 5 lt. - Package # 2 pcs

F-ER-OL-POE055-08



Metal Tank 200 liters - Package # 1 pcs

F-ER-OL-POE055-10



POE 68

Metal Tank - 1 lt. - Package # 12 pcs

F-ER-OL-POE068-04



Metal Tank - 25 lt. - Package # 1 pcs

F-ER-OL-POE068-09



Metal Tank - 5 lt. - Package # 2 pcs

F-ER-OL-POE068-08



Metal Tank 200 liters - Package # 1 pcs

F-ER-OL-POE068-10



POE 100

Metal Tank - 1 lt. - Package # 12 pcs

F-ER-OL-POE100-04



Metal Tank - 25 lt. - Package # 1 pcs

F-ER-OL-POE100-09



Metal Tank - 5 lt. - Package # 2 pcs

F-ER-OL-POE100-08



Metal Tank 200 liters - Package # 1 pcs

F-ER-OL-POE100-10



POE 170

Metal Tank - 1 lt. - Package # 12 pcs

F-ER-OL-POE170-04



Metal Tank - 25 lt. - Package # 1 pcs

F-ER-OL-POE170-09



Metal Tank - 5 lt. - Package # 2 pcs

F-ER-OL-POE170-08



Metal Tank 200 liters - Package # 1 pcs

F-ER-OL-POE170-10



ERRECOM POE CO₂ OIL

Errecom POE CO2 Oil - Lubricants
for Refrigeration Systems working
with CO2 (R744)

CO2 POE Synthetic Lubricant by Errecom is composed by a mix of Polyol Esters and Additives which have been specifically formulated for a better lubrication, chemical and thermal stability and an excellent antiwear protection of all the components of Refrigeration Systems working with CO2 (R744).

By optimizing the miscibility, we obtained an increase in terms of heat exchange even in the low temperature zone.



Errecom POE CO2 Oil - Lubricants for Refrigeration Systems
working with CO2 (R744)

ERRECOM POE CO2 OIL



POE 55 CO₂

Metal Tank - 1 lt. - Package # 12 pcs

F-ER-OL-POE55C02-04



Metal Tank - 5 lt. - Package # 2 pcs

F-ER-OL-POE55C02-08



POE 85 CO₂

Metal Tank - 1 lt. - Package # 12 pcs

F-ER-OL-POE85C02-04



Metal Tank - 5 lt. - Package # 2 pcs

F-ER-OL-POE85C02-08



Metal Tank - 25 lt. - Package # 1 pcs

F-ER-OL-POE55C02-09



Metal Tank 200 liters - Package # 1 pcs

F-ER-OL-POE55C02-10



Metal Tank - 25 lt. - Package # 1 pcs

F-ER-OL-POE85C02-09



Metal Tank 200 liters - Package # 1 pcs

F-ER-OL-POE85C02-10



EMKARATE

Lubricants for Air Conditioning & Refrigeration Systems

Below are the main characteristics of these products: a good lubrication in the presence of refrigerating gases; a good solubility in cold gas sucked from the compressor; a low vapor pressure and a low propensity to dragging in hot gas.

The wide range of General Gas products includes all Poe Emkarate® Oils. RL "H" Polyol Ester based-lubricants have been designed to be used in a range of low temperatures, whereas other lubricants fail. The new H-series provides superior performances in low temperature applications - 0°C -90°C.

Performance:

Characteristics of purity of the Poe base and high performance of additives developed by Emkarate make these oils one of the best product of lubrication for the use with HFC refrigerants. Emkarate Poe Oils are approved by the major compressor manufacturers such as Bitzer, Copeland, Frascold, Dorin and Gea Bock.

Refrigerating systems and motor vehicle air conditioning use the following oils:

- Polyol Ester Oils - POE, used with HFC gases;
- Alkylbenzene Oils - ALK, used with mixtures for retrofitting;
- Polyalkyl Glycol Oils - PAG, used with R134a in motor vehicle air conditioning;
- Mineral Oils - MIN, used with HCFC.



Lubricants for Air Conditioning & Refrigeration Systems

EMKARATE



RL22H

Carton # 12 cans - 1 liter

F-OL-EM-22H-1LT



RL100H

Carton # 12 cans - 1 liter

F-OL-EM-100H-1LT



RL170H

Carton # 12 cans - 1 liter

F-OL-EM-170H-1LT



Carton # 4 cans - 5 liters

F-OL-EM-22H-5LT



Metal Tank - 20 lt. - Package # 1 pcs

F-OL-EM-22H-20LT



Carton # 4 cans - 5 liters

F-OL-EM-100H-5LT



Carton # 4 cans - 5 liters

F-OL-EM-170H-5LT



RL220H

Carton # 4 cans - 5 liters

F-OL-EM-220H-5LT



RL32 3MAF

Carton # 12 cans - 1 liter

F-OL-EM-32-3MAF-1LT



Carton # 4 cans - 5 liters

F-OL-EM-32-3MAF-5LT



Metal Tank - 20 lt. - Package # 1 pcs

F-OL-EM-32-3MAF20LT



RL32H

Carton # 12 cans - 1 liter

F-OL-EM-32H-1LT



Carton # 4 cans - 5 liters

F-OL-EM-32H-5LT



Metal Tank - 200 lt. - Package # 1 pcs

F-OL-EM-32H-200LT



Metal Tank - 20 lt. - Package # 1 pcs

F-OL-EM-32H-20LT



RL46H

Carton # 12 cans - 1 liter

F-OL-EM-46H-1LT



Carton # 4 cans - 5 liters

F-OL-EM-46H-5LT



Metal Tank - 200 lt. - Package # 1 pcs

F-OL-EM-46H-200LT



Metal Tank - 20 lt. - Package # 1 pcs

F-OL-EM-46H-20LT



RL68H

Carton # 12 cans - 1 liter

F-OL-EM-68H-1LT



Carton # 4 cans - 5 liters

F-OL-EM-68H-5LT



Metal Tank - 200 lt. - Package # 1 pcs

F-OL-EM-68H-200LT



Metal Tank - 20 lt. - Package # 1 pcs

F-OL-EM-68H-20LT



RL68HB

Carton # 12 cans - 1 liter

F-OL-EM-68HB-20LT



Carton # 4 cans - 5 liters

F-OL-EM-68HB-5LT





CHECKMATE - RT700K test to measure on site the levels of contaminants in compressor oil and any refrigerant gas, supplied in plastic case

F-AF-AC-CHECKMATE



CHECKMATE - RT752C - kit of 3 spare ampoules to measure on site the levels of contaminants in compressor oil and any refrigerant gas

F-AF-AC-CHECKM-KT



12 x Acid Test Kit for Lubricants - ACID TEST - 4 Test each Kit - Package # 12 pcs

F-ER-PC-TEST-01



Acid Test Kit for Lubricants - ACID TEST - kit suitable for 4 tests

F-ER-PC-TEST-01-01





Hand pump for HVACR lubricant charging and transfer - 10 bar (145 psi)

F-AF-P0-WIP-PM-10B



Hand pump for HVACR lubricant charging and transfer - 15 bar (218 psi)

F-AF-P0-WIP-PM-15B



Electric pump for HVACR lubricant charging and transfer - 16 bar (232 psi)

F-AF-P0-WIP-PE-16B



Electric pump for HVACR lubricant charging and transfer - 25 bar (362 psi)

F-AF-P0-WIP-PE-25B



AC/R RESTORING TREATMENT (KIT ULTRA)

Chemical Eco-Friendly Solutions for Air Conditioning and Refrigeration Systems

Complete Treatment Kit:

- No Acid Ultra - 6 ml dose
- Super Dry Ultra - 6 ml dose
- Cool Shot Ultra - 6 ml dose
- Extreme Ultra - 6 ml dose

The 6 ml dose is sufficient to treat R&AC systems up to 21 kW (6 tons)



Package # 20 pcs
(no Adapters)

F-ER-PC-KIT-01



Package # 20 pcs
+ Adapters 1/4 SAE e 5/16 SAE + flexible hose

F-ER-PC-KIT-02



Plastic Adapter Kit for Syringes ULTRA System and Dyes - 1/4 SAE - Package # 20 Pcs

F-ER-AT-ADA-06



Plastic Adapter R&AC Kit for Syringes ULTRA System and Dyes (R&AC) - 5/16 SAE - Package # 20 Pcs.

F-ER-AT-ADA-07



Plastic Adapters R&AC Kit for Syringes ULTRA System and Dyes - 1/4 and 5/16 SAE + Flex Adapter - Package # 30 Kit

F-ER-AT-ADA-02



Flexible Hose R&AC and AUTO for Syringes ULTRA System and Dyes - Package # 20 Pcs.

F-ER-AT-ADA-09



SUPER DRY ULTRA

SUPER DRY ULTRA is the new dehydrating additive, able to prevent the formation of moisture and eliminate the one already present in Air Conditioning and Refrigeration Systems, avoiding the risk of corrosion and freezing in different areas of the System.

Cartridge 6 ml

The 6 ml dose is sufficient to treat R&AC sytems up to 21 kW (6 tons)



Package # 30 pcs
(no Adapters)

F-ER-PC-ADD-03



Package # 30 pcs
+ Adapters 1/4 SAE e 5/16 SAE + Flexible

F-ER-PC-ADD-04



NO ACID ULTRA

Acid Neutralizer for Air Conditioning and Refrigeration Systems
NO-ACID ULTRA is the new neutralizer that completely eliminates acid residues in Air Conditioning and Refrigeration Systems and reduces the level of moisture.

Cartridge 6 ml

The 6 ml dose is sufficient to treat R&AC sytems up to 21 kW (6 tons)



Package # 30 pcs
(no Adapters)

F-ER-PC-NOA-01



Package # 30 pcs
+ Adapters 1/4 SAE e 5/16 SAE + Flexible

F-ER-PC-NOA-02



COOL-SHOT ULTRA

COOL-SHOT ULTRA is a Synthetic Catalyst that improves the efficiency of Air Conditioning and Refrigeration Systems, reducing the energy consumption and CO2 emissions.

Cartridge 6 ml

The 6 ml dose is sufficient to treat R&AC sytems up to 21 kW (6 tons)



Package # 30 pcs
(no Adapters)

F-ER-PC-ADD-01



Package # 30 pcs
+ Adapters 1/4 SAE e 5/16 SAE + Flexible

F-ER-PC-ADD-02



EXTERNAL

External Leak Stop for Leakages up to 5 mm.
EXTERNAL is a leak stop suitable for any material.
It effectively seals all types of leaks up to 5 mm.

Specifically designed to be inert to all kinds of lubricants and refrigerant gases, EXTERNAL does not react to temperature changes.



Package # 60 pcs

F-ER-PC-TUR-05



SEALUP

SEALUP is the universal sealant essential to eliminate any leakage between the threads, the gaskets and the joints.
SEALUP creates a flexible and resistant film that allows the reopening of the joint.

Caution: it must be applied on a clean surface to ensure maximum adhesion. For cleaning and the subsequent removal we recommend the usage of Thor, the Errecom spray.
50 ml Tube.



Package # 30 pcs

F-ER-PC-TUR-07



FIXQUICK

ixQuick - Ultra-fast UV Fluorescent Leak Stop - repairs in 30 seconds leaks up to 1 mm. in diameter (seal guaranteed up to 50 bar and 250 °C) Package with 30 pcs.

FixQuick is the new ultra-fast leak stop by Errecom, specifically formula-ted to repair in max 30 seconds leaks up to 1 mm in diameter on flat and curved surfaces.



Package # 30 pcs

F-ER-PC-TUR-09



EXTERNAL P

External Leak Stop for Plastic Components for leaks up to 5 mm.
EXTERNAL P is a Leak Stop that attaches to all types of plastics effectively sealing all types of leaks up to 5 mm.

Specifically designed to be inert and to resist if in contact with all thermal solutions, EXTERNAL P has a good elasticity and therefore adapts to the expansion of the pipe.



Package # 60 pcs

F-ER-PC-TUR-06



EXTREME ULTRA

Leak Stop for Air Conditioning and Refrigeration Systems
EXTREME ULTRA is a leak stop which represents the evolution of Extreme, with a higher effectiveness that has allowed the reduction of the dosage to be used within the system.

Specifically designed to permanently repair micro leaks both in rubber and metal parts of a system, EXTREME ULTRA guarantees the total reparation of leaks up to 0.3 mm.

Cartridge 6 ml



Package # 30 pcs
(no Adapters)

F-ER-PC-TUR-01



Package # 30 pcs
+ Adapters 1/4 SAE e 5/16 SAE + Flexible

F-ER-PC-TUR-02



EXTREME WHITE ULTRA

EXTREME WHITE ULTRA Leak Stop is the evolution of Extreme White: its particles, more effective, allow to insert only half of the volume of the previous version.

EXTREME WHITE ULTRA is the optimal solution to permanently fix micro leaks in both rubber and metal parts of a system. Its formulation has been specifically designed and tested for refrigeration systems with R600 and R290.

Cartridge 6 ml



Package # 30 pcs
(no Adapters)

F-ER-PC-TUR-03



Package # 30 pcs
+ Adapters 1/4 SAE e 5/16 SAE + Flexible

F-ER-PC-TUR-04



THOR

THOR is a fundamental product with a dual function, to be used in combination with any kind of sealant.

It removes grease and any residue from the processing points of the system, cleaning them deeply so that they are ready to be treated with sealants such as SealUp.

It does not only improve the sealant performance, but THOR also increases the action speed.

200 ml Aerosol Can.



Package # 24 pcs

F-ER-PC-TUR-08



K-LEAK TESTER N2

Leak testing kit with nitrogen for R&A/C Systems

K-Leak Testers is an essential equipment that allows the pressurization of refrigeration and air conditioning systems; it works by simulating the operating pressure reached by RAC systems, while working at the standard conditions.

The kit is supplied with the following items:

- Plastic case
- Flexible tube with ball valve and pressure gauge (with colour coded sections)
- Flexible tube 1 mt. (yellow) - 4000 psi
- Adapter 1/4" SAE female - 5/16" SAE male
- Adapter 1/4" SAE male - 5/16" female
- Nitrogen pressure regulator (outlet pressure max 50 bar)
- Nitrogen cylinder G-TEC N2 - capacity 0,95 lts. gas contents 105 Nlt./121 gr.
- Plastic base for cylinder capacity 0,95 lts.
- Carton box
- Instruction



K-LEAK TESTER N2

F-AF-AL-KIT-N2-RAC



K-LEAK TESTER N2H2

Leak Testing kit N2/H2 for Refrigeration & A/C Systems

K-Leak Testers is an essential equipment that allows the pressurization of refrigeration and air conditioning systems; it works by simulating the operating pressure reached by RAC systems, while working at the standard conditions.

The kit is supplied with the following items:

- Plastic case
- Flexible tube with ball valve and pressure gauge (with colour coded sections)
- Flexible tube 1 mt. (yellow) - 4000 psi
- Adapter 1/4" SAE female - 5/16" SAE male
- Adapter 1/4" SAE male - 5/16" female
- Nitrogen pressure regulator (outlet pressure max 50 bar)
- Blend nitrogen/hydrogen cylinder G-TEC (N2/H2 5%) capacity 0,95 lts. - gas contents 105 Nlt./114 gr.
- Plastic base for cylinder capacity 0,95 lts.
- Carton box
- Instructions



K-LEAK TESTER N2H2

F-AF-AL-KIT-N2H2RAC



NITROGEN/HYDROGEN 5% CYLINDER G-MIX FOR LEAK TEST 105 LITERS / 110 BAR

G-Mix Nitrogen Hydrogen is a blend of Nitrogen (95%) and Hydrogen (5%), pressurized at 110 bar, stored into 0,95 liters cylinders.

G-Mix Nitrogen Hydrogen is employed for pressurization of small air conditioning, refrigeration, automotive and hydraulic systems for leak detection by using Hydrogen detectors



Package # 6 pcs

G-GTX-N2H2-0,95L-6



Package # 12 pcs

G-GTX-N2H2-0,95L-12



G-NITROGEN CYLINDER FOR LEAK TEST 105 LITERS / 110 BAR

G-Nitrogen is pressurized nitrogen at 110 bar, stored into 0,95 liters cylinders. Nitrogen at standard atmospheric conditions (15°C e 760mm Hg) is a colourless, odourless and flavourless gas, present in earth atmosphere in high concentration (78,08 %).

- Testing pressurization of circuits and other systems.
- Flushing of copper pipes during braze welding to prevent internal oxidation.



Package # 6 pcs

G-GTX-AZ-B-0,95L-6



Package # 12 pcs

G-GTX-AZ-B-0,95L-12



Pressure gauge for leak detection (with colour coded sections), fitted with flexible tube and ball valve

F-AF-AL-KIT-N2-03



Pressure Regulator Nitrogen and blend Nitrogen/Hydrogen 5% (outlet pressure max 50 bar)

F-AF-AL-KIT-N2-06



KRYON® HYDROCHECK 1.000 LITERS - 1 CUM

High pressure cylinder filled with nitrogen + 5% hydrogen blend for leak checking - 5 lt 200 bar - capacity 1 cum (1.000 liters of blend), complete with valve

Cylinder compliant legislation 99/36 / EC (TPED).

Filled with 1 cum (1000 liters) of nitrogen + 5% hydrogen blend for leak checking

Inner surface treated with peening process, outer surface coated with a primer layer, punching and testing in accordance with regulatory requirements.

Working pressure 200 bar, test pressure 300 bar.

Fitted with outlet valve N2 - UNI 11144 - female dia. 21,7 mm. x 1/14" RH

Cylinder and valve made in Italy.



5 lt - 200 bar

G-GTX-N2H2-5L



KRYON® HYDROCHECK 3.000 LITERS - 3 CUM

High pressure cylinder filled with nitrogen + 5% hydrogen blend for leak checking - 14 lt 200 bar - capacity 3 cum (3.000 liters of blend), complete with valve

Cylinder in compliance with regulation 99/36 / EC (TPED).

Cylinder and valve Made in Italy

Filled with 3 cum (3000 liters) of nitrogen + 5% hydrogen blend for leak checking

Inner surface treated with peening process, outer surface coated with a primer layer, punching and testing in accordance with regulatory requirements.

Working pressure 200 bar, test pressure 300 bar.

Fitted with outlet valve N2 - UNI 11144 - female dia. 21,7 mm. x 1/14" RH

Cylinder and valve made in Italy.



14 lt - 200 bar

G-GTX-N2H2-14L



BEST BUBBLES FLUO

Fluorescent Micro Leak Detector

BEST BUBBLES FLUO is a quick and easy solution to identify leakage on refrigerator lines and components of Refrigeration and Air Conditioning systems even in situations of poor visibility as it becomes fluorescent when exposed to a UV light



Package # 6 pcs - 1 lt.

F-ER-PC-DYE-BBF-02



G-FIND

Chemical Products "Ready" by GeneralGas Kryon® Chemical Solutions.

G-Find, non foaming surfactant product, ready to use, in trigger plastic bottle capacity 1 liter.

Particularly suitable for:
Leak detection (refrigeration and air conditioning systems)



Package # 12 pcs - 1 lt.

F-PC-RE-FIN-12



KRYONBUBBLES

Professional, non-flammable foaming microleaks detector - pack of 12 pieces.

KryonBubbles is a leak detector (made in Italy) that acts by bubble formation; ensures rapid and effective control of gas leaks from the components of a refrigeration and air conditioning system (fittings, valves, welded and brazed elements, etc.)



Package # 12 pcs - 1 lt.

F-PC-RE-KRY-BUBB-12



ELECTRONIC LEAK DETECTOR FOR REFRIGERANT GASES

Electronic device specifically designed to detect the gas mixture of Hydrogen H₂ (5%) / Nitrogen N₂ (95%) and all Refrigerant Gases R134a - R410a - R407c - R1234yf - R32 R404 - R502 - R600 - R290.

The leak detector is equipped with a heating sensor and a microprocessor which guarantees a very precise and accurate signal.

- Semiconductor heated sensor
- 40 cm stainless flexible probe
- Operating temperatures from 0 to 40 Â°C
- 3 sensitivity levels
- Leak detection indicator with 7 LED tricoloured visual scale
- Meets SAE J1627 CE regulations
- Power source: 2 x C alkaline batteries
- Battery charger 3.3 V/0.5 A
- Plastic Case for storage and transport
- Weight: 418 g (battery included).



F-AF-AC-KRYONU-01



IMPORTANT: the instrument is supplied already provided with a calibration certificate, issued by an accredited laboratory.

INFICON D-TEK STRATUS

Refrigerant Leak Detector and Portable Monitor: find Profit-Crushing Leaks in No Time

D-TEK Stratus combines the superior leak detection of INFICON D-TEK leak detectors with the cloud hunting capability of a portable monitor all in one hand-held unit.

Quickly locate the area containing the leak using the large, easy-to-read LCD display, and then pinpoint the leak all with one instrument!

D-TEK Stratus is the next big thing in refrigerant leak detection.



F-AF-AC-INFDTEK-01



IMPORTANT: the instrument is supplied already provided with a calibration certificate, issued by an accredited laboratory.

INFICON D-TEK 3

Refrigerant Leak Detector – sensitivity 1 gram/year

D-TEK 3 builds on the proven performance of D-TEK leak detectors with added features to help you get your job done faster.

An easy-to-change sensor, quick charge lithium ion battery, and a new ergonomic design make D-TEK 3 a versatile tool for everyday RAC maintenance and repair.

Plus, a new optional CO2 sensor gives you two instruments in one. Upgrade your toolbox with this accurate and reliable leak detector.



IMPORTANT: the instrument is supplied already provided with a calibration certificate, issued by an accredited laboratory.



F-AF-AC-INFDEK-04



CO2 infrared sensor for CO2 refrigeration grade (to be used with leak detectors Inficon D-TEK STRATUS and D-TEK 3 – sensor only, leak detector not included)

F-AF-AC-INFDEK-05



Infrared sensor for HFC and HFO (to be used with leak detectors Inficon D-TEK STRATUS and D-TEK 3 – sensor only, leak detector not included)

F-AF-AC-INFDEK-06



Infrared sensor for refrigerants HC R290 and R600a (to be used with leak detectors Inficon D-TEK STRATUS and D-TEK 3 – sensor only, leak detector not included)

F-AF-AC-INFDEK-07



FIELDPIECE USA - DR82

Infrared Refrigerant Leak Detector - sensitivity 1 gram/year - Calibration Report included

Features:

- 10-year sensor life
- Doesn't trigger on soap bubbles and oil
- Compact - designed to fillin your hand
- Multiple alarms
- LED lighted tip and loud beep help find leaks in noisy and dark environments
- Sensitivity better than 0.03 oz/yr (1g/a)
- Ruggedized and IP54-certified
- 10-hour battery charge
- Bright blue, back-lit LCD screen with clear numerical leak size indicator and bar graph
- Non-conductive, sturdy probe that stays where you want it.
- Weighs less than a pound
- Works on A2L Refrigerants



F-AF-AC-FP-DR82EUR



IMPORTANT: the instrument is supplied already provided with a calibration certificate, issued by an accredited laboratory.

FIELDPIECE USA - DR58

Heated Diode Refrigerant Leak Detector - sensitivity 1 gram/year - Calibration Report included

Features:

- Ruggedized and IP54-certified body
- Compact to fit in your hand
- Bright, backlit LCD screen shows bar graph and numeric readings
- Heated diode sensor 300 hour life, typical
- Dual audible and visual alarms - turn the beep on or off when you want
- LED lighted tip and loud beep help find leaks in noisy and dark environments
- 18-hour USB rechargeable battery
- Numerical Leak Size Indicator with Bar Graph
- Non-conductive, sturdy probe stays where you want it
- Weighs less than a pound
- Full control - Automatic Zero, Manual Zero and Mute functions
- Works on A2L Refrigerants



F-AF-AC-FP-DR58EUR



IMPORTANT: the instrument is supplied already provided with a calibration certificate, issued by an accredited laboratory.

FIELDPIECE USA - SCL2

Infrared CO₂ R744 (carbon dioxide) Leak Detector - sensitivity 6 grams/year

Features:

- Find R-744 refrigerant leaks
- Long-life sensor made to last up to ten years
- Three sensitivity levels down to 6g (0.2oz) per year
- Senses change: works in contaminated environments
- Rechargeable lithium ion battery with two chargers



F-AF-AC-FP-SCL2



IMPORTANT: the instrument is supplied already provided with a calibration certificate, issued by an accredited laboratory.



FIELDPIECE USA - MR45INT

Digital Recovery Machine 1 HP - 0,75 Kw.
Capacity 430 kg/hour in push/pull mode (R410A)

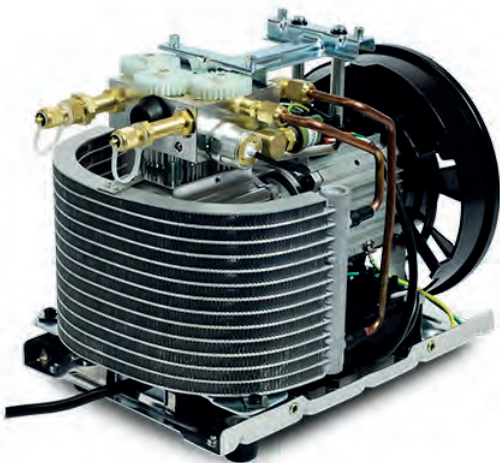
Starts and runs easily with lower voltage. Minimizes liquid slugging and maximizes vapor recovery. Easy access ports.

Water resistant to withstand direct rain - R32 Ready.

The Fieldpiece MR45 recovery machine has onboard system monitoring that adjusts motor performance to handle liquid and run twice as fast on vapor.

MR45 also steps up low voltage at the power plug to deliver full power to the motor where high voltage drop is a problem. With a powerful 1HP motor and super-sized condenser, this machine excels on longer and hotter jobs.

The easy-to-read display, lightweight (22lbs), straight hose connection ports, and single dial make this machine user-friendly while being tough enough for everyday use, even in the rain.



IMPORTANT: the instrument is supplied already provided with a calibration certificate, issued by an accredited laboratory.



F-AF-RE-REDIG-001



VALUE VRR12LOS-R32

Recovery unit 3/4 HP with oil separator, 378 kg/hour push/pull mode, suitable for A2L refrigerants

Features:

- High recovery speed with oil-free compressor /4 HP
- Built-in oil separator
- Filter/dryer included
- Self-purge without the need to change hoses
- Oversize fan for increased cooling
- Full size protected gauges for both suction and tank pressure
- Robust structure suitable to withstand heavy service



F-AF-RE-VRR12LOS-32

**VALUE VRDDF**

Recovery unit for flammable refrigerants 1 HP-0,75 KW, 510 kg/hour in push/pull, suitable for A2L and A3 refrigerants (propane R290)

Features:

- High recovery speed with oil-free compressor 1 HP
- Built-in oil separator
- Filter/dryer included
- Self-purge without the need to change hoses
- Oversize fan for increased cooling
- Full size protected gauges for both suction and tank pressure
- Robust structure suitable to withstand heavy service
- IP54 waterproof design



F-AF-RE-REC-VRDDF



RDA HC3

Recovery Unit (spark proof with ATEX fan) for flammable refrigerants R290 and R600a (flammability class A3)

The HC-3 refrigerant recovery / recycling unit is a simple to use, portable unit, suitable for use in all refrigerant transfer applications in the workshop or on site.

Designed specifically for use with hydrocarbon refrigerants

- Liquid and vapour recovery with automatic changeover
- Self-discharging and Hot Gas / Cool Gas discharge switch
- Suitable for A3 and A2L hydrocarbon refrigerants used on domestic, commercial and automotive refrigeration and air conditioning equipment
- High efficiency heat exchanger and inlet oil separator with drain facility
- Sealed automatic safety high and low-pressure switches with illuminated indicators
- Manual low-pressure override switch
- ATEX rated cooling fan
- High electrical specification
- Robust painted steel casework
- 5m hard wired mains lead with moulded plug
- Available in 230v 50Hz



F-AF-RE-HC3-REC-A3



RDA HC-AIR

Fan with ATEX motor for ambient ventilation during the recovery of flammable refrigerant gases R290 and R600a

Features:

- ATEX approved, high efficiency, electronically commutated motor
- 5m hard wired mains lead with moulded plug
- Non sparking thermoplastic fan blade for increased performance and reduced noise level
- Mains cable storage
- Robust painted steel casework
- No maintenance



F-AF-RE-HC3-FAN-A3



FIELDPIECE USA - SRS3

Wireless Refrigerant Scale - max load 114 kg (252 lbs)

Wireless connection to both Job Link® System App* and wireless manifolds (SM380V & SM480V). 114 kgs - 252 lbs - Water resistant 200 hour platform battery life.

The SRS3 Wireless Refrigerant Scale combines modern wireless electronics and rugged materials to perform at the high level you demand. The platform is made of thick aluminum to maintain accuracy over the life of the product. Rubber pad and bumpers cushion both the tank and the scale itself. A new wireless protocol sends platform measurements to both the included remote display and the Fieldpiece Job Link® System Mobile App.



IMPORTANT: the instrument is supplied already provided with a calibration certificate, issued by an accredited laboratory.



F-AF-SM-BILELT-001



FIELDPIECE USA - SRS3EC

Wireless Refrigerant Scale - EU certification - max load 100 kg (220 lbs) - Calibration Report included

Wireless connection to both Job Link® System App* and wireless manifolds (SM380V & SM480V)

100 kgs - 220 lbs

Water resistant

200 hour platform battery life



IMPORTANT: the instrument is supplied already provided with a calibration certificate, issued by an accredited laboratory.



F-AF-SM-BILELT-002



VALUE SCALE

Refrigerant Charging Scale with remote control and LCD - weighing capacity 50 kg - resolution 2 grams - accuracy +/- 0,05% F.S.

Features:

- 50 kg weighing capacity
- Durable and large metal weighing platform
- High-accuracy load cell with no drift
- Wired remote control
- Measures in kg, lb. or lb./oz.
- Hard plastic carrying case included



F-AF-SM-BIL-VES-50A



MASTERCool SCALE

High precision Refrigerant Charging Scale (Mastercool)- weighing capacity 5 kg +/- 1 gram (packaged in a custom molded plastic case)

Features:

- Hex cylinder adapter included for easy attachment of refrigerant cylinder to scale
- Specially designed for R600a and R290 (adapters for connection to 1-2,5 liters. KryoSmart small cylinders, filled with R134a, R410A, R407C, R422D, R32 will be available end of october 2022)
- Built in check valve will hold any remaining refrigerant within the 900 mm. nylon tube
- Slim design for easy storage
- Two button keypad for easy operation
- Unit change (grams & ounces)
- One touch tare weighing function
- Auto zero
- Auto off automatically turns off its power if the scale is not used within 3 hours



F-AF-SM-BIL-MAS-5K



Filter-dryer (molecular sieve) - mod. SC032MM PLUS
Made in Italy

F-AF-RE-FILDIS-001



Filter-dryer (molecular sieve) with humidity sight glass
indicator - mod. SCMI032MM PLUS
Made in Italy

F-AF-RE-FILDIS-002



FIELDPIECE USA - VPX7 INT

High quality vacuum pump, high performances - 283 liters/minute (17,0 cum/hour) - vacuum degree 2 x10⁻² mbar - 0,02 mbar/2 Pa/15 micron

Patented performance.

- 283 litres/min. 10 CFM flow rate with 15 microns ultimate vacuum
- ¾ HP DC motor
- Weighs 13,2 kg (24 lbs.)
- Patented lightest weight pump
- RunQuick™ Oil Change System offers on-the-fly oil changes in seconds
- Backlit oil reservoir - allows you to view the condition of your oil and system
- Extra oil bottle storage
- Port Sizes: (1) 1/4", (2) 3/8", (1) 1/2" for easy hose connections
- Sturdy base stays upright
- Quarter-turn gas ballast with LED indicator



F-AF-PV-VPX7INT-001



FIELDPIECE USA - VP67 INT

High quality vacuum pump, high performances - 170 liters/minute (10,2 cum/hour) - vacuum degree 2 x10⁻² mbar - 0,02 mbar/2 Pa/15 micron

- 170 liters/min. (10,2 cum/hour - 6 CFM) flow rate with 15 microns ultimate vacuum
- ½ HP AC motor
- RunQuick™ Oil Change System offers on-the-fly oil change in seconds
- Backlit oil reservoir - allows you to view condition of oil and system
- Extra oil bottle storage
- Port Sizes: (1) 1/4", (2) 3/8", (1) 1/2" for easy hose connections
- Sturdy base stays upright
- Small footprint - 1,346 cubic inches
- Quarter-turn gas ballast with LED indicator
- Convenient, removable cord storage



F-AF-PV-VP67INT-001



FIELDPIECE USA - MG44

Digital Professional Micron Vacuum Gauge (wireless JobLink system) - measuring range 0-25.000 micron (0-3.333 Pascal, 0-33 mbar)

Like every piece of Fieldpiece hardware, the Wireless Vacuum Gauge (MG44) is built to make your work easier. It helps eliminate misleading measurements by allowing you to connect it at the system port - even those awkward, hard-to-reach spots.



IMPORTANT: the instrument is supplied already provided with a calibration certificate, issued by an accredited laboratory.



F-AF-MV-VACDIG-002



PROFESSIONAL SOLENOID VALVE KIT FOR FIELDPIECE VACUUM PUMPS

Professional Solenoid Valve Kit, made in Italy, for Fieldpiece Vacuum Pumps - connection 3/8" SAE for pump, connection 3/8" SAE for vacuum hose (1/2" SAE male outlet fitting also included).

The kit includes:

- Nr 1 Burkert professional solenoid valve (made in Italy) 1/2" with direct drive, with 230Vac coil
- Nr 1 female fitting 3/8" swivel knurled - M 1/2" NPT
- Nr 1 male nipple 3/8"- male 1/2" NPT
- Nr 1 reduction female 3/8"- male 1/2" SAE
- 3mt black neoprene cable
- Nr 1 industrial plug 230V AC



F-AF-PV-KTELVA-001



Adapter for Fieldpiece vacuum pumps - from 3/8 SAE female to 5/16 SAE male

F-AF-PV-RID3-8_5-16



Adapter for Fieldpiece vacuum pumps - from 1/2 SAE female to 5/16 SAE male

F-AF-PV-RID1-2_5-16



VACUUM PUMP SUITABLE ALSO FOR A2L REFRIGERANTS (EXAMPLE: R32 E 1234YF)



Vacuum pump, double stage, suitable for A2L, flow rate 51 litri/minute, motor 1/3 HP, vacuum rate 2 x10 (-2) mbar - 0,02 mbar/2 Pa/15 micron - with solenoid valve and vacuum gauge

Technical features:

- Electronic starter
- Built-in vacuum gauge (prevents damages by impact)
- Built-in anti-backflow solenoid valve
- Large oil screen for better visibility

Technical data:

- Flow rate @ 50 Hz: 51 liters/minute
- Vacuum rate: 15 micron (2x10⁻¹ Pa)
- Electric motor: 1/3 HP (250 W)
- Inlet port: 1/4" SAE
- Oil capacity: 200 ml
- Dimensions: 318 x 125 x 237 mm.
- Weight: 9 kg



Vacuum pump, double stage, suitable for A2L, flow rate 51 litri/minute, motor 1/3 HP, vacuum rate 2 x10(-2) mbar - 0,02 mbar/2 Pa/15 micron - with solenoid valve and vacuum gauge

F-AF-PV-V-I220R32



Vacuum pump, double stage, suitable for A2L, flow rate 100 litri/minute, motor 1/2 HP, vacuum rate 2 x10 (-2) mbar - 0,02 mbar/2 Pa/15 micron - with solenoid valve and vacuum gauge

Technical features:

- Double stage
- Electronic starter
- Built-in vacuum gauge (prevents damages by impact)
- Built-in anti-backflow solenoid valve
- Large oil screen for better visibility

Technical data:

- Flow rate @ 50 Hz: 100 liters/minute
- Vacuum rate: 15 micron (2x10⁻¹ Pa)
- Electric motor: 1/2 HP (375 W)
- Inlet port: 1/4" SAE
- Oil capacity: 325 ml
- Dimensions: 338 x 138 x 249 mm.
- Weight: 11 kg



Vacuum pump, double stage, suitable for A2L, flow rate 100 litri/minute, motor 1/2 HP, vacuum rate 2 x10(-2) mbar - 0,02 mbar/2 Pa/15 micron - with solenoid valve and vacuum gauge

F-AF-PV-V-I240R32



VALUE - VRP-2DLI

Vacuum pump - Two stages, battery operated, flow rate 57 liters/minute, also suitable for R32 and A2L refrigerants (2 batteries included)

Kit consisting of:

- vacuum pump VRP2DLi
- 2 (two) Li-Ion batteries 18 V - 5 Ah included in the package, to ensure extended range and operation (50+50 minutes of operation)
- battery charger power supply 220V 50 Hz (with Schuko EU plug)



F-AF-PV-VRP-2DLI

**WIPCOOL - 2F1BR**

Vacuum pump model 2F1BR - two stages, battery operated, flow rate 71 liters/minute, also suitable for R32 and A2L refrigerants (battery not included) - dual power supply: battery + 220V 50Hz

Kit consisting of:

- vacuum pump 2F1BR
- BC-18 converter for direct power supply 220 V 50 hz (with EU Schuko plug)
- adapter for Makita battery
- adapter for Bosch battery
- toolbox



F-AF-PV-WIP-PV2S-01



Battery adapter
(for Panasonic batteries)
accessory to vacuum pump 2F1BR

F-AF-PV-WIP-ADA-01



Battery adapter
(for Milwaukee batteries)
accessory to vacuum pump 2F1BR

F-AF-PV-WIP-ADA-02



Battery adapter
(for DeWalt batteries)
accessory to vacuum pump 2F1BR

F-AF-PV-WIP-ADA-03



TRUBLUE ADVANCED KIT BY ACCUTOOLS USA

These hoses are freaky fast! TruBlu hose has a 3/4" internal diameter delivering 453 liters/minute (16 CFM) of conductance speed at 1,000 microns. Evacuate 80x faster than 1/4" I.D. hoses and up to 6x faster than other "vacuum rated" hoses on the market today.



TruBlue Advanced Kit by Accutools USA - 2 pcs. Hi Performance Hoses for Vacuum Pumps HVACR - internal diameter 3/4" (with adapters and accessories)

F-AF-PV-TUBVUO-001



The TruBlu hose is extremely tough, ultra-smooth bored, yet the flexible wire reinforced PVC means it just won't kink or collapse. TruBlu is resistant to abrasion and crushing and can be knocked back to round if accidentally flattened. Additionally, the UV compounding has excellent weather resistance to provide years of reliable service.



TruBlue Starter XL Kit by Accutools USA - Hi Performance Hose for Vacuum Pumps - internal diameter 3/4" (with adapters and accessories)

F-AF-PV-TUBVUO-002



Hose for vacuum pumps (black) - SAEJ2196/ EN1736 - length 150 cm. - connections 3/8" SAE female

F-AF-PV-TUBVUO-003



Fieldpiece USA OIL32 - Oil specific to vacuum pumps (optimized for superior performances) - single package 946 ml

F-AF-PV-OILQUA-001



VALUE - VMG-2-R32-B

Manifold Gauge (analogic) - 2 ways - gauges dia. 68 mm. - residential A/C (R32, R410A, R407C) in blow case with kit 3 hoses length 120 cm.

Features:

- 2 ways
- Ball valve
- Blue elox aluminium manifold body
- Impact resistant durable rubber cover on both gauges
- Sight glass on manifold body
- Aluminum knobs
- Gauges with pressure readings for R410A, R32, R407C, R134a
- Gauges dia. 68 mm. class 1.6
- Package includes n° 3 charging hoses colour red +blue + yellow length 120 cm.
- Blue and red hoses: SAEJ2196/ EN1736 - lenght 120 cm. connection 5/16" SAE external unit side (45° with depressor) connection 1/4" SAE on straight side
- Yellow hose: SAEJ2196/ EN1736 - lenght 120 cm. connection 1/4" SAE on both sides (with depressor)
- Blow case



F-AF-GM-VMG2-R32-B

**VALUE - VMG-4-R32-03**

Manifold Gauge (analogic) - 4 ways - gauges dia. 80 mm. - residential A/C (R32, R410A, R407C, R134a) in blow case

Features:

- 4 ways
- Connections: 1/4" and 3/8"
- Ball valve
- Blue elox aluminium manifold body
- Impact resistant durable rubber cover on both gauges
- Sight glass on manifold body
- Aluminum knobs
- Gauges with pressure readings for R410A, R32, R407C, R134a
- Gauges dia. 80 mm. class 1.6
- Blow case



F-AF-GM-VMG4-R32-03



VALUE - VMG-4-R410-03

Manifold Gauge (analogic) – 4 ways – gauges dia. 80 mm. – R&AC refrigeration & residential A/C (R134a, R404A, R410A, R407C) in blow case

Features:

- 4 ways
- Connections: 1/4" and 3/8"
- Ball valve
- Blue elox aluminium manifold body
- Impact resistant durable rubber cover on both gauges
- Sight glass on manifold body
- Aluminum knobs
- Gauges with pressure readings for R134a, R404A, R410A, R407C
- Gauges dia. 80 mm. class 1.6
- Blow case



F-AF-GM-VMG4R410-03

**VALUE - VMG-4-R448-03**

Manifold Gauge (analogic) – 4 ways – gauges dia. 80 mm. – Refrigeration (R404A, R448A, R449A, R452A) in blow case

Features:

- 4 ways
- Connections: 1/4" and 3/8"
- Ball valve
- Blue elox aluminium manifold body
- Impact resistant durable rubber cover on both gauges
- Sight glass on manifold body
- Aluminum knobs
- Gauges with pressure readings for R404A, R448A, R449A, R452A
- Gauges dia. 80 mm. class 1.6
- Blow case



F-AF-GM-VMG4R448-03



FIELDPIECE USA - SM480V INT

Wireless 4-Port SMAN® Refrigerant Manifold and Micron Gauge

Knowledge, power and experience are packed into the newly designed SMAN® Refrigerant Manifolds. Years of feedback from A/C and refrigeration specialists is combined with Fieldpiece's laser focus on continuous improvement to bring you the toughest, most advanced digital refrigerant manifold on the market.

From the extremely rugged overmold casing, reinforced hook, and hermetically sealed sight glass, to the wireless capabilities, data logging, and tightness test, the SM480V is built so you can do your job easier, faster and better.

The new SM480V is simply strong. The heavy duty casing, reinforced hook, water resistance, impact resistant screen, strategically placed thermocouple ports, and hermetically sealed sight glass, all ensure the SMANs are ready to withstand the rigors of field use.



F-AF-GM-GM-001



IMPORTANT: the instrument is supplied already provided with a calibration certificate, issued by an accredited laboratory.

FIELDPIECE USA - JL3KR4

Job Link® System Probes Charge Kit

Quick system checks just got quicker.

Wireless range of 106 meters

Directly connects to mobile device with Job Link System App
Fast accurate temps with new Rapid Rail technology
Pressures auto calibrate at any elevation
Great for critically charged systems

Connect two pressure probes and two pipe temperature clamps to immediately see system charge on your Job Link® System mobile app. Easily determine if unit is running properly, or if troubleshooting is needed. All measurements can be sent up to 350' away directly your mobile device. Each tool is designed for agility and speed. The pressure probe fits into tight spaces. The pipe clamp uses a new Rapid Rail™ sensor design to deliver accuracy, speed, and agility, even on the most awkward pipe configurations. Do more with Job Link probes!



F-AF-GM-KTPRTM-001





Fieldpiece USA - JL3KM2 Job Link® System - Dual Port Manometer Probe Kit

F-AF-GM-TRPR-001



FIELDPIECE USA - JL3PR Job Link® System Pressure Probe

F-AF-GM-TRUM-002



FIELDPIECE USA - JL3PC Job Link® System Premium Pipe Clamp Probe

F-AF-GM-TRPR-001



FIELDPIECE USA - JL3RH Job Link® System Flex Psychrometer Probe

F-AF-GM-TRUM-001



FIELDPIECE USA - JL3LC Job Link® System Premium Large Pipe Clamp Probe

F-AF-GM-TRTE-002



FIELDPIECE USA - TC48 Job Link® System Wired Large Pipe Clamp Probe

F-AF-GM-TRTE-003



TESTO 557S

Digital manifold with Bluetooth and 4-way valve block (compatible with system Testo SmartApp) - included 2 temperature probes + 1 vacuum probe, wireless



F-AF-GM-GM-TE01



TESTO 410i

Vane anemometer operated with smartphone



F-AF-GM-ANEMOM-001



TESTO SMART PROBES

AC & refrigeration test kit 2 x testo 549i high-pressure measuring instrument 2 x testo 115i clamp thermometer



F-AF-GM-KTPRTM-002



TESTO 605i

Thermohygrometer operated with smartphone



F-AF-GM-TERIGRO-001



FIELDPIECE USA - SC260 INT

Professional Power Clamp Meter - Calibration report included

The SC260 Compact Clamp Meter is a great meter for testing HVACR electrical measurements.

It includes True RMS measurements so you can test variable frequency drives more accurately, along with temperature in both Fahrenheit and Celsius.

The SC260 also features a backlight display for reading measurements in poorly lit places, and a sturdy swivel magnet for hands free measurements.



F-AF-SM-PINAMP-003



FIELDPIECE USA - SC680 INT

Wireless Power Clamp Meter (wireless Job Link)

Whether you're working on small circuitry in mini-splits or on large commercial units, the new SC680 is packed with everything you need to install, service, and troubleshoot any HVACR system.

The SC680 is the top of the line clamp meter with wireless functionality for the HVACR professional. Send your electrical measurements directly to the Job Link® System mobile app. Leave the meter behind a closed blower door and view the current measurement on your mobile device. Help determine system efficiency by directly measuring power consumption (W) of the system.



F-AF-SM-PINAMP-001



FIELDPIECE USA - STA2

Anemometer Hot Wire

The STA2 is a Hot-wire Anemometer built for the HVACR professionals' air balancing needs. The compact probe tip makes measuring air velocity directly in the duct a breeze.

It's great for traversing a duct and automatically calculating CFM without the hassle and expense of a bulky hood. The 38" telescoping probe's laser etched ruling and flattened edges allows techs to locate proper measurement points within a duct, and ensures that the probe is properly aligned.



F-AF-SM-ANESOT-001



IMPORTANT: the instrument is supplied already provided with a calibration certificate, issued by an accredited laboratory.



IMPORTANT: the instrument is supplied already provided with a calibration certificate, issued by an accredited laboratory.

FIELDPIECE USA - ST4

Dual Temperature Meter Type K

The Fieldpiece Dual-Temperature Meter, model ST4, measures two temperatures simultaneously using the included k-type, wrap tab beaded thermocouples. The technology inside the ST4 provides superior temperature compensation in rapidly changing environments commonly found while performing field service. Use the ST4 to find Delta T and just about any temperature split you want to measure. Displays T1, T2 and T1-T2 in big numbers on the LCD screen. Features two front face calibration pots and comes in our clear front case with magnetic hanger model ANC6. Use with our optional ATWB1 wet bulb thermocouple to help you find target superheat or with our pipe clamp T/Cs to check for blocked dryer filters.



F-AF-SM-TER2TE-001



FIELDPIECE USA - SIG1

Gun Style IR Thermometer

Among our most popular IR thermometers the SIG1 Gun-Style Thermometer features a 10:1 field of view. A bright blue backlight and laser guide make taking fast and accurate temperature readings easier, better and faster.

The SIG1 comes with a protective lens cap and body wrap. It works faster than thermistor-based temperature instruments and has a range of -30 °C to 550 °C (-22 °F to 1022 °F). Includes Auto-Power Off to conserve battery life.



F-AF-SM-TEMINF-001



FIELDPIECE USA - SMG5

Digital Megohm Meter - Evaluate Compressor Insulation, Helps to Predict Compressor Failure.

The Fieldpiece Digital Megohm Meter, model SMG5, is a compact standalone meter designed for checking HVAC compressor insulation. The SMG5 provides a 1000V voltage source, monitors current, and displays the resistance between the test points. Maximum current output is <1mA.

It can be used to determine the condition of insulation from winding to ground in a motor, compressor, or transformer. Includes a case, alligator clip lead tip and leads with removable tips.



F-AF-SM-MEGGER-001



LUXEDO

Purifying treatment for Surfaces and Evaporators - Ready to Use - Disinfectant registered in Germany (N-69541)

The Scented Revitalizing Treatment for Evaporators LUXEDO is a perfumed product of rapid application and effectiveness for the complete maintenance of indoor units.

Removes organic residues and dirt accumulated over time, slowing down even its new formation; it also has an intense sanitising action.

LUXEDO is not aggressive for the surfaces and can be frequently used to keep the efficiency of the air conditioning system. It is safe for the operator and leaves a pleasant fragrance of cleanliness.



Package # 1 pcs. - 10 L

F-ER-PC-PUE-09



Package # 2 pcs. - 5 L

F-ER-PC-PUE-08



Package # 6 pcs. - 1 L

F-ER-PC-PUE-07



INTERIOR PURIFIER PRO

Purifying Treatment for Interiors - Disinfectant registered in Germany (N° 69547)

INTERIOR PURIFIER PRO is a purifying treatment for interiors and surfaces. It removes contaminants and particles leaving a pleasant fragrance.

Wear gloves, protective goggles and face mask to purify rooms maximum sized 70 m² - 160 m³ (houses, offices, shops, restaurants, cinema, classrooms, canteens) or up to 3 cockpits (vehicles, buses, emergency vehicles, vans, train and tube wagons, aircraft cabins etc) in just 30 seconds and with a simple gesture.



Package # 12 pcs. - 600 ml

F-ER-PC-PUR-27



KIT FOR FLUSHING OF REFRIGERATION LINES

Including cylinder 0,75 lts., gun, flexible hose, pressure gauge, adapter with ball valve. Economical A/C Flushing Equipment

- Ball Valve
- 1/4 Female Connection
- Volume: 0,75 Litres
- Length of Hose: 60 cm.
- 12 Bar Gauge
- 10 Bar Safety Valve.



Adapter for Flushing Fluid Belnet Aerosol - 1/4 SAE with Ball Valve - Package # 1 pc



F-ER-AT-ADA-08



Kit for Flushing of Refrigeration Lines Package # 1 pc



F-ER-AT-LAV-01



ALPHA FLUSH

Fluid for Automatic Flushing Systems of Refrigeration Lines

ALPHA FLUSH is a fluid specially developed in Errecom laboratories for proper internal cleaning of refrigeration systems.

Indispensable to ensure the proper performance of a unit, ALPHA FLUSH is optimal both for the application on new systems and to restore the efficiency of older lines (which have undergone intervention). On the latter, in fact, ALPHA FLUSH intervenes avoiding that any residues might damage the system itself.



ALPHA FLUSH - 1lt - Package # 12 pcs

F-ER-PC-LAV-05



ALPHA FLUSH - 5lt - Package # 2 pcs



F-ER-PC-LAV-06



KRYONET TOPFLUSH

Flushing fluid non toxic and non flammable, pressurized with nitrogen 40 bar - ready to use - cylinder 1,1 Litri - 48 Bar - valve 1/4 SAE RH male

Flushing fluid for A/C systems (single split, multisplit dual and trial), pressurized with nitrogen at 40 bar, ready to use and easy to use, with KryoNet flushing fluid.

The pressurized container allows, with four simple steps, to wash the system and the consequent flushing.

KryoNet Top Flush does not contain flammable products, does not contain toxic products and does not contain harmful products.



KRYONET TOPFLUSH - 1,1lt - Package # 6 pcs



F-AF-LA-KRNET-TP01



BELNET

REFRIGERATION LINES FLUSHING FLUID

BELNET AEROSOL removes the protective lubricants (settled on the new pipes) during an installation, the production dirt or the dirt that may be penetrated within the pipes of a predisposition throughout the years



AEROSOL - 600 ml
Package # 12 pcs.

F-ER-PC-LAV-01



AEROSOL - 750 ml
Package # 12 pcs.

F-ER-PC-LAV-02



Metal Container 1 lt.
Package # 12 pcs.

F-ER-PC-LAV-03



Metal Container 5 lt.
Package # 12 pcs.

F-ER-PC-LAV-04





Gun for Flushing Fluid BELNET AEROSOL, with Flexible Hose and Adapter 1/4 sae with Ball Valve - Package # 1 pc

F-ER-AT-LAV-02



Gun for Flushing Fluid BELNET AEROSOL Package # 1 pc.

F-ER-AT-LAV-03



Fluid for Automatic Flushing Systems of Refrigeration Lines - ALPHA FLUSH - 1lt - Package # 12 pcs

F-ER-PC-LAV-05



Fluid for Automatic Flushing Systems of Refrigeration Lines - ALPHA FLUSH - 5 lt - Package # 2 pcs

F-ER-PC-LAV-06



WIPCOOL - MOD. C30S

Steam cleaner and ozonizer for indoor units A/C systems

Technical specifications:

- Voltage: 220 V 50 Hz
- Power (max): 3.300 W
- Flow Rate (max): 3 liters/min.
- Working Pressure (max): 3-6 bar
- Suction lift (max): 1,5 meters
- Steam temperature: 130-150 °C
- Water outlet temperature (max): 60-85 °C
- Water pipe: 2 meters inlet hose, 4 meters outlet hose

Included in the package

- Steam cleaner and ozonizer
- Intelligent remote control spray gun
- 90° bent spray nozzle (35 cm.)
- Nylon brush
- Long steam nozzle (17 cm.)
- 220° rotational spray nozzle (20 cm.)



F-AF-LA-WIP-CS03

**WIPCOOL - MOD. C10B**

Portable battery-powered cleaning machine for HVACR systems - mod. C10B - (battery not included) with battery adapters suitable for Bosch and Makita

- Reel structure, free to release and retract the inlet and outlet water pipe
- Two pressure, both for internal and external machine
- Built-in pressure controller, suspend automatically
- Medium pressure cleaning to avoid the fins damage



F-AF-LA-WIP-C10B



SPLITTY

Reusable Cover for Split A/C
(internal unit)

Splitty is a waterproof cover made from nylon, PVC and plasticizer that ensures complete protection of the area around the A/C split, during cleaning operations carried out with portable battery operated washers (JetGun) and cleaners.



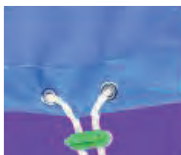
Thanks to Splitty, the technician can clean the evaporator and its heat exchanger with a minimum disassembly, leaving the split onto the wall and without damaging the wall itself and floor.

Splitty is suitable to clean A/C internal split units with sizes 9.000 BTU, 12.000 BTU and 18.000 BTU; Splitty is designed so as to perfectly adhere on the wall mounted air conditioner.

Splitty is provided with a flexible drain pipe with length 2,8 meters, through which it will be possible to drain cleaners, rinsing water and dirt, without damaging the surrounding surfaces.



- Patent product counterfeiting
- Environmental protection fabric non-toxic tasteless
- There are four advantages never leak water
- Medium size in suitable for circumference of less than 2.4 meters of ai conditioning
- Size for 9000BTU, 1200BTU, 18000BTU A/C UNIT
- Color: BLUE



ACID ULTRA

Concentrated Acid Condenser Cleaner

Acid Ultra is a formula of pure active substances that, diluted with water, creates an ultimate powerful acid cleaner that descales even the most stubborn deposits of rust and salt, restoring the efficiency of the condenser heat exchange.

The optimal recommended dilution is 50 mL per liter of water. The supplied dispenser allows to obtain the desired quantity of cleaner with the precision that a so performing chemical product needs, without dilute the whole product in a single solution.



250 ml - Package # 24 pcs.

F-ER-PC-PUC-18



ALKALINE ULTRA

Concentrated Alkaline Condenser Cleaner

Alkaline Ultra is an active substances formula that, diluted with water, creates an ultimate powerful alkaline cleaner for condenser which can effectively degreases surfaces by removing even the most stubborn deposits of organic residues, grease, dust, pollen and smog, restoring the efficiency of the condenser heat exchange.

The optimal recommended dilution is 50 mL per liter of water. The supplied dispenser allows to obtain the desired quantity of cleaner with the precision that a so performing chemical product needs, without dilute the whole product in a single solution.



250 ml - Package # 24 pcs.

F-ER-PC-PUC-17



EVO ULTRA

Concentrated Evaporator Cleaner

Evo Ultra is a formula of pure active substances that, diluted with water, creates an ultimate powerful neutral cleaner that removes even the most subborn deposits of organic residues, grease and incrustations and descales even the most stubborn deposits of rust and salt, restoring the evaporator efficiency.

The optimal recommended dilution is 50 mL per liter of water. The supplied dispenser allows to obtain the desired quantity of cleaner with the precision that a so performing chemical product needs, without dilute the whole product in a single solution.



250 ml - Package # 24 pcs.

F-ER-PC-PUE-11



G-ECO CLEAN

G-Eco Clean Concentrated alkaline-based product 5 Lt. Product

Choice according to the Application:

- Air Conditioning Indoor Unit - Split
- Air Conditioning Outdoor Unit - Split
- Fan Coil Air Conditioning
- Chiller Condenser Air Conditioning
- Ventilating and Air Conditioning Ducts
- Refrigerating Evaporators
- Refrigerating Condensers
- Power Stations
- Refrigerated Cabinet for Food



4 plastic tank 5 Liters

F-PC-IN-ECC-4



G-EXTRA CLEAN C

G-Extra Clean C, Concentrated acid-based product 5 Lt.

Product Choice according to the Application:

- Air Conditioning Outdoor Unit - Split
- Chiller Condenser Air Conditioning
- Refrigerating Condensers



4 plastic tank 5 Liters

F-PC-IN-EXC-4



G-FREE KAL

G-Free Kal, Concentrated acid-based limescale remover product 20 Lt.

Product Choise according to the expected Results:

- Limescale removal



1 plastic tank 20 Liters

F-PC-IN-FRK-20LT



G-SUPER CLEAN E

Cleaning of evaporators of A/C units, fan coils

G-Super Clean E, alkaline-based product, ready to use, in trigger plastic bottle capacity 1 liter.

Particularly suitable for:

- Air Conditioning Indoor Units
- Split Air Conditioning Outdoor Unit
- Split Fan Coil Air Conditioning



12 plastic trigger bottles 1lt.

F-PC-RE-SCLE-12



G-SUPER CLEAN C

Cleaning of A/C outdoor units

G-Super Clean C, acid base product, ready to use, in trigger plastic bottle capacity 1 liter.

Particularly suitable for:

- Split Air Conditioning Outdoor Units

Technical features:

- Oil and grease removal
- Oxyd and rust removal
- Dirty cleaning-off



12 plastic trigger bottles 1lt.

F-PC-RE-CLCC-12



NO AGE

Anticorrosive and Protective treatment for Condensers, resistant to salt and smog - Ready to Use

NO-AGE is the protective solution for all the systems which are exposed in highly oxidizing environments (such as sea places) or heavily polluted ones, where salt and acid rain visibly reduced the life of a compressor, but also for extending the natural life of all the systems.

The product generates a microfilm which does not limit the heat exchange, but reduces the dirt ability to remain on the surfaces and protects metals with a corrosion barrier.



1lt. - Package # 6 pcs.

F-ER-PC-PUC-11



5 lt. - Package # 2 pcs.

F-ER-PC-PUC-12



10 lt. - Package # 1 pcs.

F-ER-PC-PUC-13



JAB

Evaporator and Plastic Cleaner – Ready to Use

JAB is a useful cleaner for evaporator. It is furthermore extremely efficient and rapid towards all the materials the a/c system evaporator components are made of.

Proposed in ready-to-use composition, suitable to eliminate organic remains, dust and mould.

JAB is a safe product and does not leave residues that can be dangerous for the environment.



1 lt. - Package # 6 pcs.

F-ER-PC-PUE-01



5 lt. - Package # 2 pcs.

F-ER-PC-PUE-02



10 lt. - Package # 1 pcs.

F-ER-PC-PUE-03



CLENCH

Evaporator Cleaner with Anticorrosion Power – Dilution 1:5

The Evaporator Cleaner with Anticorrosion Power CLENCH is a product of rapid application and effectiveness to treat indoor units, efficient as an acid cleaner but more safe. Easily removes organic residues, grease, stubborn dirt and corrosion, preventing even its new formation.

It is the ideal product to restore neglected systems or facilities subjects to strong environmental aggressions such as kitchens, food production, frying areas or slaughterhouses.



1 lt. - Package # 6 pcs.

F-ER-PC-PUE-04



10 lt. - Package # 1 pcs.

F-ER-PC-PUE-06



5 lt. - Package # 2 pcs.

F-ER-PC-PUE-05



BEST COND CLEANER

Concentrated A/C and Refrigeration Condenser Alkaline Cleaner

BEST COND CLEANER is an alkaline cleaner for condensers in extreme sedimented dirt conditions. Thanks to its properties BEST COND CLEANER removes grease effectively, by removing even the most stubborn deposits.

This product is concentrated and should be diluted, in order to easily removes organic residues, fat, dust, pollen and smog.

BEST COND CLEANER is the ideal product to restore the neglected plants by improving their efficiency; furthermore it is particularly suitable to degrease the dirt which is deposited in the cracks of finned coils.



1 lt. - Package # 6 pcs.

F-ER-PC-PUC-01



5 lt. - Package # 2 pcs.

F-ER-PC-PUC-02



10 lt. - Package # 1 pcs.

F-ER-PC-PUC-03



ECO RESTORE SPRAY

Biodegradable Condenser Cleaner - Ready to Use

ECORESTORE is a useful cleaner for external units. Designed in a green vision, ECORESTORE does not contain acids, phosphates, solvents and baking soda.

Its biodegradability is highly guaranteed thanks to the usage of natural surfactants: these present actually a higher level of biodegradability, even if compared to those ones requested by European laws.

ECORESTORE is not aggressive towards the materials and it results an extremely efficient and rapid cleaner.



1 lt. - Package # 6 pcs.

F-ER-PC-PUC-15



NO AGE PLUS

Anti-Corrosive and Protective Aerosol Treatment for Condensers and Evaporators - Ready to Use in Aerosol Can (750 mL)

The outdoor units of the Air Conditioning & Refrigeration Systems are constantly subjected to the aggression of weathering, humidity, smog, salt, sand and dust that inevitably trigger a corrosion process of all their components.

What is it? NO-AGE PLUS is a liquid aerosol to be applied to the external unit (to the condenser and to the shell) after the cleaning operation.



Package # 12 pcs.

F-ER-PC-PUC-14



BEST ACID COND CLEANER

Concentrated A/C and Refrigeration Condenser Deoxidizer - Ready to Use

BEST ACID COND CLEANER is a deoxidizer acid cleaner for condensers in conditions of extreme sedimented dirty.

Thanks to its properties, BEST ACID COND CLEANER is a very efficient deoxidizer as it removes also the stubborn stain. BEST ACID COND CLEANER is a ready to use solution, suitable to easily eliminate oxidations, dried salt and scales.

It is the perfect product to reactivate the neglected systems, by improving their efficiency; it is especially indicated for deeply descaling the settled dirt in the voids of the finned coils.



1 lt. - Package # 6 pcs.

F-ER-PC-PUC-05



5 lt. - Package # 2 pcs.

F-ER-PC-PUC-06



10 lt. - Package # 1 pcs.

F-ER-PC-PUC-07



POWER CLEAN OUT

Condenser High-pressure Cleanser in Aerosol Can (750 mL)

POWER CLEAN OUT is the right solution to clean condenser, even when they are located in difficult position. POWER CLEAN OUT has been designed to obtain a constant and high supply of pressure; this facilitates the dirt removal, which is accumulated in between the plates.

The high pressure works with POWER CLEAN OUT cleaning action, in order to increase its efficiency, without wrecking the materials with aggressive substances.



Package # 12 pcs.



F-ER-PC-PUL-06



POWER CLEAN IN

Evaporator High-pressure Cleanser in Aerosol Can (600 mL)

POWER CLEAN IN is the right solution to clean evaporators, even when they are located in difficult position. POWER CLEAN IN has been designed to obtain a constant and high supply of pressure. This facilitates the removal of the dirt, which is accumulated in between the plates.

The high pressure works with POWER CLEAN IN cleaning action, in order to increase its efficiency, without wrecking the materials with aggressive substances.



600 ml. - Package # 12 pcs.



F-ER-PC-PUL-05



EVAPORATOR CLEANER

Non-Foam Purifying Cleaner for A/C Systems - Disinfectant registered in Germany (N69546)

EVAPORATOR CLEANER cleanses the duct that distributes the air, by absorbing and expelling all the contaminants that can affect air quality (such as dust, dirt, allergens or microorganisms). It also eliminates bad smells and leaves a fresh clean fragrance.

Its special formulation has been designed to get quickly dried and do not damage the materials that are normally used in air conditioning systems.



Package # 12 pcs.



F-ER-PC-PUL-04



EVAPORATOR CLEANER FOAM

Purifying Foam Cleaner for A/C Systems - Disinfectant registered in Germany (N69546)

EVAPORATOR CLEANER FOAM purifies the duct where air is distributed, by absorbing and expelling all the contaminants that can affect air quality such (as dust, dirt, allergens or microorganisms).

It also eliminates bad smells and leaves a fresh clean fragrance. Its formulation has been designed to deliver the product in form of foam, therefore EVAPORATOR CLEANER FOAM perfectly adheres to the fins of the evaporator and ensures a high degree of effectiveness.



Package # 12 pcs.

F-ER-PC-PUL-03



CHINOOK

Indoor Units Filter Cleaner - Ready to Use

CHINOOK is an effective cleaner for the filters of any type of indoor unit, not aggressive for their materials. Ready to use, it quickly and effectively cleans, easily removing smog, dust, mold and microbial contaminants and leaving a fresh fragrance of cleanliness.

CHINOOK is safe for the operator and for the filters, leaving no harmful residues in the environment because after completing its cleaning action is easy to rinse. It is suitable for the HACCP plan.



1 lt. - Package # 6 pcs.

F-ER-PC-PUC-16



DRIZZLE

Cleaner for condensed water drain in Split and Fan-Coil - Ready to Use.

DRIZZLE is a product which has been specifically formulated for all types of Air Conditioning and Refrigeration Systems where there is condensation.

The water within the condensate collection trays or in the drain pan is full of all the pollutants you can normally find in the environment: dust and microbes can accumulate, getting together and forming masses that block the condensate drain, also generating annoying overflows.

Using DRIZZLE consistently does not damage metals and prevents new obstructions.



1 lt. - Package # 6 pcs.

F-ER-PC-PUC-19





EVO TABS

Purifying Cleaner for Evaporators in Tablet



Jar 18 Tabs - Package # 12 pcs.

F-ER-PC-PUE-10



EMERALD TABS

Biodegradable Tablets for cleaning of condensed water drain in Split and Fan-Coil.



Jar 18 Tabs - Package # 12 pcs.

F-ER-PC-PUC-09



DRAIN TABS

Tablets for cleaning of condensed water drain in Split and Fan-Coil - No Biocide



Jar 18 Tabs - Package # 12 pcs.

F-ER-PC-PUC-10



ACID TABS

Acid Cleaner for Condenser in Tablets.



Jar 18 Tabs - Package # 12 pcs.

F-ER-PC-PUC-08



ALKALINE TABS

Alkaline Cleaner for Condenser in Tablets.



Jar 18 Tabs - Package # 12 pcs.

F-ER-PC-PUC-04





ULTRASONIC PROFESSIONAL NEBULIZER FOR AMBIENT PURIFYING



ATOM KRYON

F-AF-AL-NEBU-ATKR

AtomKryon is an electronic ultrasonic device that instantly generates the nebulization of a sanitizing liquid, for sanitation of civil and industrial air conditioning and for automotive interiors and environments.

The system uses an electronic circuit to convert an electrical oscillation with a frequency of 1.7 MHz in a mechanical oscillation, by means of an ultrasonic transducer. This creates a snapshot of the liquid into the ultrasonic transducer itself.

The nebulized liquid is then conveyed, via a fan, to an outlet pipe swivel and aspirated through the recirculation system of the air conditioning of the motor vehicle to be sanitized.

The phenomenon of condensation is avoided due to the higher temperature of the vaporized liquid for heating compared to that environment.

The particles, sprayed with the here above explained system, have a size less than 5 microns, for which are light enough to be able to deeply penetrate in the system, differently to what happens in the use of classical aerosol sprays in which the weight of the nebulized particles causes a rapid deposition of the same.

The air conditioning system (including ducts and fans) is then completely sanitized, blocking the proliferation of bacteria and germs, while unpleasant odors are eliminated in the environment.

Technical Features:

- Ultrasonic module frequency: 1.7MHz Voltage source: 230Vac or 110Vac 50/60Hz +/-10%
- Thermo-switch of 100°C in primary of transformer, resettable fuses on the two secondary outputs of transformer
- Power consumption: 30W
- Nebulization capacity (with drinking water): about 385ml / hour (with treatment of 100ml every time at 20°C of ambient temperature)
- Operating temperature range: 0 to +60°C
- Storage temperature range: -30°C to +90°C
- Dim. (DxWxH): L285 X P130 X H210 mm.
- Weight: about 3,1 kg



Accessory kit: revolving fitting, liquid receiver and Airflex pipe length 2,5 meters dia. 20 mm.

F-AF-AL-NEBU-KITAK

ATOM PURE

Purifying Treatment to be used with nebulizers AtomKryon and Purezone Machine

Disinfectant registered in Germany (N-69544)



Pack. # 24 pcs - 250 ml

F-ER-PC-PUR-21



Package # 2 pcs - 5 l

F-ER-PC-PUR-22



ATOM SMOKI

Purifying Treatment to be used with nebulizers AtomKryon and Purezone Machine

Disinfectant registered in Germany (N-69544)



Pack. # 24 pcs - 250 ml

F-ER-PC-PUR-23



Package # 2 pcs - 5 l

F-ER-PC-PUR-24



KILLER ODOR

KILLER ODOR is an anti-odor treatment to be used with ultrasonic nebulizers AtomKryon and Purezone Machine or with any type of nebulizers today on the market.

Ready to use. It does not cover odours but absorbs and eliminates them forever; its formula has been specifically designed for a great efficiency against the smell of smoke, cigarettes, food, pets and humidity.



Pack. # 12 pcs - 200 ml

F-ER-PC-PUR-25



Package # 1 pcs - 10 l

F-ER-PC-PUR-26



CLEANSI

Sanitizing Treatment for Surfaces 80% Alcohol Based

Cleansi is a powerful 80% alcohol-based sanitizer in aerosol can that deeply cleanse, with a simple swipe any surface, when sprayed directly on it.

CleanSi evaporates quickly and completely, without leaving residues and streaks.

Thanks to its high alcohol content, it is particularly suitable to clean all the frequently-contact surfaces that require a deep level of hygiene.

Particularly suitable in domestic spaces used on handles, chairs, tables, glass tables, bunches of keys, remote controls and TV screens, smartphones and tablets, video game consoles, toys, furnishings, elevator buttons, bathroom accessories, kitchen worktops and small appliances, handrails and windows.

It is also suitable for cleaning glass, lenses and glass surfaces.

It can also be used in offices on desks, armchairs, hangers, monitors, keyboards, mouse devices, computer shells, laptops, printers, copy machines, telephones and any other office equipment and vending machines.

It can also be used on vehicles, sprayed directly on handles, dashboards, shift levers, steering wheel.

It is also recommended to clean filters and ventilation ducts of air-conditioning systems by eliminating microorganisms that affect the quality and healthiness of air introduced into the rooms or cockpits.

Cleansi removes germs, allergens, dust and environmental dirt. Cleansi is a product suitable for the HACCP system: therefore, it can be used on surfaces in contact with food

Features:

- high alcohol content: 80%
- purifies any surface
- evaporates quickly without leaving residues and streaks
- removes germs, allergens, environmental dirt, fingerprints, streaks and grease
- ready to use
- rinse not required
- suitable for the HACCP system



Package # 12 pcs - 400 ml

F-ER-PC-PUR-20



SANIBACT

Medical-surgical disinfectant device, registration n° 20145 -
Concentrated solution to be diluted 1:25 in water

SANIBACT is a disinfectant, which has been designed in Errecom labs for the evaporators, air channels and every kind of surface that need a deep disinfecting level cleaning.

SANIBACT works even as a strong cleanser and guarantees the highest level of hygiene during the cleaning process.

SANIBACT is a HACCP product and it is ideal for the following applications:

- hospitals, nursing home
- medical centers, clinics
- schools
- sport courts
- wellness center
- butcher shops
- confectionary industries
- bakeries
- restaurants
- ice-cream shops
- hotels
- food industries (meat, fish, vegetables etc.)

This product does not release odor and/or residuals.

Its disinfecting strength acts in just five minutes, allowing a deep and rapid action.

SANIBACT is an extremely concentrated product: a dilution of 1:25 is sufficient.

It is efficient against the following virus:
influenza, hepatitis B/C, HIV, Rota virus, Noro virus and Ebola Virus.

Concerning bacteria, SANIBACT is in compliance with EN1276 EN 13697 tests and for the moulds EN13697 test..



Pack. # 6 pcs - 1l

F-ER-PC-PMC-03



Pack. # 2 pcs - 5l

F-ER-PC-PMC-04



Pack. # 1 pcs - 10l

F-ER-PC-PMC-05



SMARTBACT

RTU Disinfectant preparation Kit ready to use, with Bactericide and Virucidal Efficacy – SANIBACT – box containing a bottle of Concentrated Disinfectant 500 ml, 20 ml measuring cup and 500 ml spray pump empty bottle – package with n° 9 pcs.

SANIBACT is a disinfectant, which has been designed in Errecom labs for the evaporators, air channels and every kind of surface that need a deep disinfecting level cleaning. SANIBACT works even as a strong cleanser and guarantees the highest level of hygiene during the cleaning process. This product does not release odor and/or residuals. Its disinfecting strength acts in just five minutes, allowing a deep and rapid action.

SANIBACT is an extremely concentrated product: a dilution of 1:25 is sufficient. It is efficient against the following virus: influence, hepatitis B/C, HIV, Rota virus, Noro virus and Ebola Virus.



Pack. # 9 pcs - 500 ml

F-ER-PC-PMC-06



GD90 SPRAY

Medical Device – broad-spectrum professional disinfectant (effective against viruses, bacteria, yeasts and moulds)

Disinfectant spray or environments, surfaces and objects. Mix of active ingredients, which guarantees a broad spectrum of action against Encapsulated Viruses (HIV, HCV, HBV, Coronavirus family), Gram-, Gram-, Mushrooms.

Including Legionella Pneumophila in 60 minutes of contact. Thanks to its aerosol dispensing, microparticles are able to penetrate the most hidden corners and hard-to-reach surfaces



400 ml. - package # 12 pcs.

F-PC-RE-GD90-12



GOLMAR GD90

Medical Device – broad-spectrum professional disinfectant (effective against viruses including Coronavirus, bacteria, yeasts and molds)

GD90 disinfects, cleanses and deodorizes every washable surface. To disinfect environments in case of infectious diseases (walls, floors, surfaces). GD90 is economical, can be used at very low dosages Prevents fermentations, avoiding the formation of bad odors.

GD90 is a broad-spectrum highly concentrated disinfectant capable of eliminating Gram+ bacteria, Gram- including Listeria Monocytogenes and Staphylococcus Aureus MRSA, yeasts, mold, mycobacteria, TB, fungi, viruses, including HIV etiological agent, HBV (Hepatitis B) and HCV (Hepatitis C)



1 L - package # 7 pcs.

F-PC-RE-GD90LIQ-7



B-BRAZE® KIT 1

- 2 B-M.A.P. cylinders- 1 lt./420 gr. eachone
- 1 B-TORCH - Flame torch with SUPER CYCLON FLAME nozzle
- 1 FINE FLAME nozzle
- 1 MEDIUM CYCLON FLAME nozzle
- 1 B-ADAPTOR - USA-EU adaptor
- 1 Flexible hose
- 1 Cylinder holder hook

**G-ABA-BRAZEKIT-01****B-BRAZE® KIT 2**

- 2 B-FLAME cylinders- 1 lt./385 gr. eachone
- 1 B-TORCH - Flame torch with SUPER CYCLON FLAME nozzle
- 1 FINE FLAME nozzle
- 1 MEDIUM CYCLON FLAME nozzle
- 1 B-ADAPTOR - USA-EU adaptor
- 1 Flexible hose
- 1 Cylinder holder hook.

**G-ABA-BRAZEKIT-02****B-BRAZE® KIT 1 LIGHT**

- N° 2 B-M.A.P. cylinders- 1 lt./420 gr. eachone
- N° 1 B-TORCH - Flame torch with SUPER CYCLON FLAME nozzle.

**G-ABA-BRAZEKIT-01L****B-BRAZE® KIT 2 LIGHT**

- N° 2 B-FLAME cylinders- 1 lt./385 gr. eachone
- N° 1 B-TORCH - Flame torch with SUPER CYCLON FLAME nozzle
- N° 1 B-ADAPTOR - USA-EU adaptor

**G-ABA-BRAZEKIT-02L**

MAXIFLAME

Maxi Flame is a professional brazing kit and the best choice when high performance is a priority. The kit is compact, powerful and efficient, and is especially suited for detail oriented jobs which require maximum power and great safety.

Maxi Flame is the most professional kit among small braze welding systems with non-refillable cylinders. The kit is mounted on a solid metallic support provided with a handle to ease transportation. The support is sloping to avoid overturning and is provided with cylinder block devices.

Flame temperature up to 3.100°C/5.612 °F.



The Kit includes:

- 1 B-M.A.P. cylinder - 1 liter - gas contents 420 gr. - USA CGA 600 valve connector.
- 1 G-OXYGEN cylinder - 1 liter - 110 bar - M12x1 valve connector.
- 1 oxygen G-NANO adaptor with HP and LP pressure gauge and double protection backstop valve.
- 1 gas G-NANO adaptor with LP pressure gauge and double protection backstop valve.
- Hose assemblies - 2 mt.
- Handle with control knobs and oxygen and gas backstop valves.
- Nozzle and tip of 160 lt/h.
- 4-pointed star (63-100-250-315 lt.) - M8x1 connection.
- Goggles, multi-use wrench and igniter..



MINIFLAME

MINIFLAME is a compact, powerful and efficient brazing kit and is especially suited for brazing operations in refrigeration, air conditioning, hydraulic, jewellery, and hobbies.

The kit is mounted on a solid metallic support provided with a handle to ease transportation. The support is sloping to avoid overturning and is provided with tank block devices.



The Kit includes:

- 1 B-FLAME cylinder - 1 liter - gas contents 385 gr. - EU 7/16" valve connector.
- 1 G-OXYGEN cylinder - 1 liter - 110 bar - M12x1 valve connector.
- 1 oxygen G-NANO adaptor with backstop valve.
- 1 gas G-NANO adaptor with backstop valve.
- Hose assemblies - 2 mt.
- Handle with control knobs and oxygen and gas backstop valves.
- Nozzle and tip of 160 lt/h.
- 4-pointed star with different measures which are lower than 160 lt/h -M6x1 connection.
- Goggles, multi-use wrench and igniter.





Pressure regulator with manometer for MAP gas cylinder
MAXIFLAME

G-ABA-RP-MAP



Pressure regulator with manometer for G-Oxygen cylinder for
kit MAXIFLAME and MINIFLAME

G-ABA-RPM-OXY



Pressure regulator for propane mix aerosol cylinder compatible
with MINIFLAME kit

G-ABA-RP-PROP



Pressure regulator without manometer for G-Oxygen cylinder
for kits MAXIFLAME and MINIFLAME

G-ABA-RP-OXY



Welding torch, with hose 2 mt, lance and tip 160 included for
MAXI FLAME kit

G-ABA-TORB-MXFL-001



Welding torch, with hose 2 mt, lance and tip 160 included for
MINIFLAME kit

G-ABA-TORB-MIFL-001



4 welding tips kit MAXIFLAME (63-100-250- 315)

G-ABA-PU-MXFL-001



4 welding tips kit MINIFLAME (63-100-250- 315)

G-ABA-PU-MIFL-001



B-TORCH

B-TORCH is a high performance flame torch for brazing with piezoelectric starter. It's employed in all high end brazing operations.

The kit includes a box containing:

- B-TORCH - The torch can be used with any blend of flammable gases - torch/ cylinder connector CGA600 - gas flow rate control valve - flame stop button.
- N° 1 SUPER CYCLON FLAME nozzle.



G-ABA-BTORCH-01



B-Adaptor - Adaptor for B-Torch - from EU 7/16 thread (outlet on cylinder) to USA CGA600

G-ABA-BTOR-ADPTOR01



B-Adaptor - Adaptor for B-Torch from USA CGA 600 thread (outlet on cylinder) to EU 7/16

G-ABA-BTOR-ADPTOR02



MEDIUM CYCLON FLAME nozzle for B-TORCH

G-ABA-BTORCH-NOZ-02



FINE FLAME nozzle for B-TORCH

G-ABA-BTORCH-NOZ-01



Flexible hose including cylinder holder hook

G-ABA-BTOR-TUFLEX-1





Pressure Regulator suitable for CO2, argon and Ar/CO2 blends (outlet pressure max 2,7 bar - 40 psi)

G-GTX-RIDPR-001



PROTECT GEL

Anti-Heating Gel for Soldering and Brazing - Ready to Use

While welding or brazing PROTECT GEL protects from the heat the surfaces surrounding the point of contact of the flame. Thanks to its gel formula adheres without dripping, creating a protective barrier that dissipates the heat from the welding torch.

PROTECT GEL is easy to use, is a safe and non-toxic product, acts without staining, leaves no residue and also protects the painted and varnished surfaces by color changes. With PROTECT GEL you can avoid costly damages caused by the heat to components and materials.



Pressure Regulator with gauge, suitable for CO2 - carbon dioxide (outlet pressure max 2,7 bar - 40 psi)

G-GTX-RIDPR-002



1 lt - Package # 6 pcs.

F-ER-PC-SAL-01



STOP HEAT

Anti-Heating Paste for Soldering and Brazing - Ready to Use

STOP HEAT is a high performance paste product that avoids heat transmission during any welding operation. Effective on all surfaces, it can also be used vertically. Its chemical composition has particular hollow microspheres and causes a rapid and constant dispersion of heat, preventing its propagation from damaging sensitive parts of the System.

The paste can be shaped as desired and used several times: it is sufficient to wet the product again so that it gets all its effectiveness again.

Non-toxic and non-hazardous, STOP HEAT does not stain and leave no residues.



500 gr. - Package # 12 pcs.

F-ER-PC-SAL-02



BKFLASH - KIT SMART CODE KD01

Composed by 1 bottle cap. 20 ml, vertical dispenser, sponge pad, airtight cap - suitable for pipes diameter from 6 to 35 mm.



F-AF-AB-BRA-KD01



BKFLASH CODE K40M

refill bottle capacity 40 ml.



1 pcs

F-AF-AB-BRA-K40M



BKFLASH - KIT JUMBO 40 CODE KD03

Composed by 1 bottle cap. 40 ml, vertical dispenser, sponge pad, airtight cap - suitable for pipes diameter over 35 mm.



F-AF-AB-BRA-KD03



BKFLASH - KIT SMART CODE KD01

refill bottle capacity 20 ml. complete with one spare sponge pad (TAMP D03)



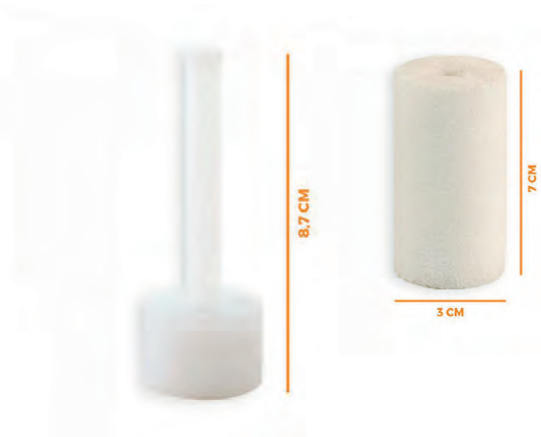
1 pcs

F-AF-AB-BRA-KT20M



BKFLASH**CODE ER JUMBO + 12 X ROLLER ER2 JUMBO**

Spare parts kit composed by 1 bottle cap. 40 ml. + 12 big roller sponge pads



F-AF-AB-BRA-KIT01

**BKFLASH - 4 X TAMP D03**

spare parts kit composed by 12 roller sponge pads SMART (for bottle cap. 20 ml)



F-AF-AB-BRA-TAM02

**BKFLASH****CODE K AP1 + 4 X TAMP D03**

Spare parts kit composed by: 1 vertical dispenser + 12 roller sponge pads SMART (for bottle 20 ml)



F-AF-AB-BRA-KIT02

**BKFLASH****6 X ROLLER ER2 JUMBO**

spare parts kit composed by 6 big roller sponge pads (for bottle cap. 40 ml)



F-AF-AB-BRA-TAM01



B-MAP CYLINDER 1 LT. / 420 GRAMS

B-M.A.P. is a blend of special gases with high calorific value, suitable for brazing and braze welding operations. Flame temperature can be as high as 3.100°C and it's 35% faster than propane.

The B-M.A.P. cylinders are made of steel (built in compliance with EN12205 regulation); Its capacity is of 1 litre and contains 420 grams of product - CGA 600 Valve. Available in 12 and 6 cylinders packages.



Pack # 6 pcs.

G-ABB-BMAP-1L-6



Pack # 12 pcs.

G-ABB-BMAP-1L-12



B-FLAME CYLINDER - 1 LT. - 385 GR. - PRESSURE 28 BAR - AEROSOL VALVE 7/16" 20 UNF

B-FLAME is a gas blend with chemtane addition, that increases flame temperature. Flame temperature can be as high as 2.900°C.

B-FLAME cylinders are made of aluminium. Its capacity is of 1 litre and contains 385 grams of product - Aerosol Valve - Connector 7/16" 20 UNF (most commonly used connector in Europe). Available in 6 cylinders packages.



Pack # 6 pcs.

G-ABB-BFLA-1L-6



G-CO₂ 390 GRAMS

G-Carbon Dioxide is liquefied carbon dioxide stored into 0,95 liters cylinders.

Carbon dioxide at standard atmospheric conditions (15°C e 760mm Hg) is a gas present in earth atmosphere in concentrations between 0,03% and 0,05%.

Carbon dioxide is colourless, odourless, non-flammable, but asphyxiating at high concentration. Carbon dioxide is carried in liquid state below its saturated vapour pressure. G-Carbon Dioxide is employed as protective gas in GMAW welding of non-alloy or low-alloy steel. It's also employed as propellant in aerosol machines.



Pack # 12 pcs.

G-GTX-C02-B0,95L-12



Pack # 6 pcs.

G-GTX-C02-B0,95L-6



G-MIX ARGON CO₂ 117 LITERS / 110 BAR

G-Mix Argon Carbon Dioxide is a blend of Argon (85%) and Carbon dioxide (15%), pressurized at 110 bar, stored into 0,95 liters cylinders.

G-Mix Argon Carbon Dioxide is colourless, odourless, non-flammable, but asphyxiating at high concentration



Pack # 12 pcs.

G-GTX-ARCO-0,95L-12



Pack # 6 pcs.

G-GTX-ARCO-0,95L-6



G-ARGON

112 LITERS / 110 BAR

G-Argon is pressurized Argon at 110 bar stored into 0,95 liters cylinders. Argon at standard atmospheric conditions (15°C e 760mm Hg) is a colourless, odourless and flavourless gas, present in earth atmosphere in small concentration (0,93 %). Non-toxic and non-flammable, Argon doesn't interact with any known substances, showing high physical and chemical stability. At atmospheric pressure and very low temperature (less than -186°C), Argon is a colourless liquid thicker than water.

Argon, pure or mixed with traces of carbon dioxide, oxygen, hydrogen and helium is the most used gas for welding mild and stainless steel, aluminium and light alloys, magnesium, titanium, etc



Pack # 12 pcs.

G-GTX-AR-B-0,95L-12



Pack # 6 pcs.

G-GTX-AR-B-0,95L-6



G-OXYGEN

112 LITERS / 110 BAR

G-Oxygen is pressurized oxygen at 110 bar, stored into 0,95 liters cylinders. Oxygen at standard atmospheric conditions (15°C e 760mm Hg) is an essential gas for preservation of life, being integral part of all respiration and oxydation processes.

Oxygen is a colourless, odourless and favourless gas, present in the earth atmosphere in concentration equals to 20,94%. At atmospheric pressure and temperature less than -183°C, Oxygen is a colourless liquid slightly thicker than water.



Pack # 12 pcs.

G-GTX-OX-B-0,95L-12



Pack # 6 pcs.

G-GTX-OX-B-0,95L-6





GeneralGas

P A S S I O N A T E L Y C O O L

Ed. October 2022



KRYON



B-BRAZE



G-TEC

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