

RECOVERY-RECYCLING UNIT

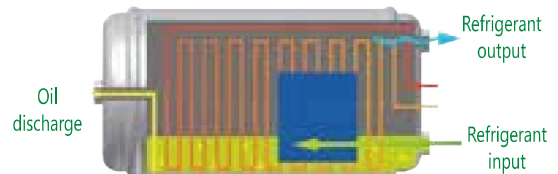
NEW

COMPACT AND LIGHT DESIGN



Integrated distillation system

High-efficiency heat exchanger



Automatic flow control



Technical features

Refrigerant	CFC, HCFC, HFC e HFO (included R32 and R1234ze)
Power supply	220 - 240V AC 50 - 60 Hz
Motor power	750W
Maximal current draw	6A
Compressor	Double piston, dry
Automatic safety shut-off	38.5 bar/3850 kPa (558 psi)
Operating temperature	0 - 40 °C

Recovery rate	R1234ze-R134a	R502-R407C	R404A-R410A-R507-R32
Vapour	29 kg/h	32 kg/h	33 kg/h
Liquid (recovery)	214 kg/h	340 kg/h	380 kg/h
Liquid (recovery-recycling)	30 kg/h	34 kg/h	35 kg/h
Push-pull	372 kg/h	474 kg/h	502 kg/h

EASYREC-3R

High performance recovery and recycling unit for CFC, HCFC, HFC and HFO (included R32 and R1234ze)

- High performances thanks to the powerful 1 HP compressor and to the higher capacity condenser.
- Very compact and light design with integrated distiller.
- Exclusive distillation device with liquid refrigerant flow check which:
 - allows to separate oil/impurities/dyes very efficiently.
 - optimizes the compressor's operating conditions.
- Ceramic cylinders with carbon fibre seal for superior reliability.
- Large, intuitive heavy-duty digital display that supports the user in the recovery and recycling phases guiding him as well with the discharge procedure of oil/impurities/dye.
- Multiple selectable recovery and recycling modes.
- Automatic stop of the unit at the end of recovery with visual and acoustic indication.
- Shut-off valves that prevent refrigerant spills.
- Self-evacuation (PURGE) device, which allows to change type of refrigerant easily.
- Safety device for maximum pressure.
- Sight-glass and filters included.

Code	Model	Dimensions with pack	Weight with pack
13001029	EASYREC-3R	380 x 360 x 250 mm	13,90 kg



REGULATION UE-517/2014 AND 2024 UPDATE

ARTICLE 13 – CONTROL OF USE

From 1st January 2020, the use of fluorinated greenhouse gases, with a global warming potential of 2500 or more, to service or maintain refrigeration equipment with a charge size of 40 tonnes of CO2 equivalent or more, is prohibited. From 1st January 2025, it is planned to extend this ban to all refrigeration systems regardless of the refrigerant charge.

In accordance with Article 13 Paragraph 3 Subparagraph b), until **1st January 2030 recycled** fluorinated greenhouse gases with a global warming potential of 2500 or more contained in refrigeration equipment with a load size equal to or greater than 40 tonnes of CO2 equivalent **may be used for the maintenance or repair of existing refrigeration equipment**, provided they have been recovered from such equipment.

Such recycled gases may only be used by the undertaking which carried out their recovery as part of maintenance or servicing or the undertaking for which the recovery was carried out as part of maintenance or servicing. Regulation (EU) No. 517/2014 Article 2 point 15 and the new Regulation Article 3 point 12 define 'recycling' as the re-use of a recovered fluorinated greenhouse gas after a basic cleaning process.



NEW DIGITAL DISPLAY

Large, intuitive heavy-duty digital display that supports the user in the recovery and recycling phases guiding him as well with the discharge procedure of oil/impurities/dye. The recycling unit automatically stops the operation and signals by means of the "oil" indicator light that it is necessary to discharge oil/impurities/dyes separately from the refrigerant; it then re-start the operation and completes the recovery and recycling.



BUILT-IN DISTILLATION DEVICE

The Recovery and Recycling unit EASYREC-3R becomes unique and unrivalled if you consider that there is a built-in DISTILLATION DEVICE WITH FLOW CHECK which:

- allows RECYCLING with the efficient separation of oil/impurities/dyes.
- OPTIMIZES the compressor's OPERATING conditions by providing it with saturated steam in suction and freeing the operator from the burden of reducing the flow.



SIMPLICITY AND FLEXIBILITY

With EASYREC-3R, everything is at hand, simple and intuitive. Thanks to the "Working mode" knobs situated on the rear panel, it is possible to decide whether to operate ONLY the RECOVERY, in case the refrigerant must be disused, or to operate RECOVERY and RECYCLING aimed at purifying and then reusing the refrigerant. In this case pollutants will be separated and discharged simply through the dedicated valve.



Spare parts and accessories



Ref	Code	Model	Description	Dimensions	Weight
A	14015008	MG-111	Filter drier (1/4" SAE M-M)	100 x 40 x 40 mm	0,28 kg
A	14015041	MG-111-A	Filter drier (1/4" SAE M-M) with alumina	100 x 40 x 40 mm	0,28 kg
B	14015013	XH412	"Hight capacity" filter drier (1/4" SAE M-M)	250 x 80 x 80 mm	1,10 kg
B	14015042	XH412-A	"Hight capacity" filter drier (1/4" SAE M-M) with alumina	250 x 80 x 80 mm	1,10 kg
C	14020014001	G19020-WIG	Kit 10 gaskets for 1/4" SAE flexible hoses	160 x 90 x 10 mm	0,02 kg
D	06071013003	GYSS/4-4/6/Y	Connection hose for filter 1/4" SAE 150 mm	250 x 50 x 50 mm	0,16 kg
E	13008026	REC026	Sight glass	90 x 40 x 50 mm	0,17 kg

RECOVERY UNIT

NEW

- INCLUDED R32
- INCLUDED R1234ze
- COMPLIANCE ISO 11650 IEC60335-2-404
- NF EN35421 CE N.1005 2009 UE-517/2014



NEW DIGITAL DISPLAY

EASYREC-3

High performance recovery unit for CFC, HCFC, HFC and HFO (included R32 and R1234ze)

- High performances thanks to the powerful 1 HP compressor and to the higher capacity condenser.
- Very compact and light design.
- Ceramic cylinders with carbon fibre seal for superior reliability.
- Large, intuitive heavy-duty digital display that supports the user in the recovery phase with multiple information.
- Multiple selectable recovery modes.
- Automatic stop of the unit at the end of recovery with visual and acoustic indication.
- Shut-off valves that prevent refrigerant spills.
- Self-evacuation (PURGE) device, which allows to change type of refrigerant easily.
- Safety device for maximum pressure.
- Sight-glass and filters included.

Code	Model	Dimensions with pack	Weight with pack
13001028	EASYREC-3	380 x 360 x 250 mm	10,90 kg



Technical features

Refrigerant	CFC, HCFC, HFC e HFO (included R32 e R1234ze)
Power supply	220 - 240V AC 50 - 60 Hz
Motor power	750W
Maximal current draw	6A
Compressor	Double piston, dry
Automatic safety shut-off	38.5 bar/3850 kPa (558 psi)
Operating temperature	0 - 40 °C

Recovery rate	R1234ze-R134a	R502-R407C	R404A-R410A-R507-R32
Vapour	29 kg/h	32 kg/h	33 kg/h
Liquid (recovery)	214 kg/h	340 kg/h	380 kg/h
Push-pull	372 kg/h	474 kg/h	502 kg/h



Spare parts and accessories



Ref	Code	Model	Description	Dimensions	Weight
A	14015008	MG-111	Filter drier (1/4" SAE M-M)	100 x 40 x 40 mm	0,28 kg
A	14015041	MG-111-A	Filter drier (1/4"SAE M-M) with alumina	100 x 40 x 40 mm	0,28 kg
B	14015013	XH412	"Hight capacity" filter drier (1/4" SAE M-M)	250 x 80 x 80 mm	1,10 kg
B	14015042	XH412-A	"Hight capacity" filter drier (1/4" SAE M-M) with alumina	250 x 80 x 80 mm	1,10 kg
C	14020014001	G19020-WIG	Kit 10 gaskets for 1/4" SAE flexible hoses	160 x 90 x 10 mm	0,02 kg
D	06071013003	GYSS/4-4/6/Y	Connection hose for filter 1/4" SAE 150 mm	250 x 50 x 50 mm	0,16 kg
E	13008026	REC026	Sight glass	90 x 40 x 50 mm	0,17 kg

EASYREC-3EX

High performance recovery unit for flammable refrigerants (included R600a and R290)

Unit EASYREC-3EX, specially DESIGNED according to the ATEX directive (CE Atex II 3G), is suitable to RECOVER FLAMMABLE REFRIGERANTS belonging to the A3 family as well, such as R600a and R290.

- High performances thanks to the powerful 1 HP compressor and to the higher capacity condenser.
- Very compact and light design.
- Ceramic cylinders with carbon fibre seal for superior reliability.
- Large, intuitive heavy-duty digital display that supports the user in the recovery phase with multiple information.
- Multiple selectable recovery modes.
- Automatic stop of the unit at the end of recovery with visual and acoustic indication.
- Shut-off valves that prevent refrigerant spills.
- Self-evacuation (PURGE) device, which allows to change type of refrigerant easily.
- Safety device for maximum pressure.
- Sight-glass and filters included.



CE Atex II 3G

NEW



NEW DIGITAL DISPLAY

Code	Model	Dimensions with pack	Weight with pack
13001030	EASYREC-3EX	380 x 360 x 250 mm	11,90 kg



Technical features

Refrigerant	HC (R600a-R290) CFC-HCFC-HFC-HFO
Power supply	220 - 240V AC 50 - 60 Hz
Motor power	750W
Compressor	Double piston, dry
Automatic safety shut-off	38.5 bar/3850 kPa (558 psi)
Operating temperature	0 - 40 °C

Recovery rate	R600a- R1234yf-R134a	R290- R502-R407	R404A-R410A R507-R32
Vapour	29 kg/h	32 kg/h	33 kg/h
Liquid (recovery)	214 kg/h	340 kg/h	380 kg/h
Push-pull	372 kg/h	474 kg/h	502 kg/h



Spare parts and accessories



Ref	Code	Model	Description	Dimensions	Weight
A	14015008	MG-111	Filter drier (1/4" SAE M-M)	100 x 40 x 40 mm	0,28 kg
A	14015041	MG-111-A	Filter drier (1/4" SAE M-M) with alumina	100 x 40 x 40 mm	0,28 kg
B	14015013	XH412	"High capacity" filter drier (1/4" SAE M-M)	250 x 80 x 80 mm	1,10 kg
B	14015042	XH412-A	"High capacity" filter drier (1/4" SAE M-M) with alumina	250 x 80 x 80 mm	1,10 kg
C	14020014001	G19020-WIG	Kit 10 gaskets for 1/4" SAE flexible hoses	160 x 90 x 10 mm	0,02 kg
D	06071013003	GYSS/4-4/6/Y	Connection hose for filter 1/4" SAE 150 mm	250 x 50 x 50 mm	0,16 kg
E	13008026	REC026	Sight glass	90 x 40 x 50 mm	0,17 kg

RECOVERY-RECYCLING UNIT



EASYREC-1R

Recovery and recycling unit suitable for CFC, HCFC, HFC and HFO (included R32 and R1234ze)

- Compact design with integrated distiller.
- Distillation device with liquid refrigerant flow check, which allows to separate oil/impurities/dyes very efficiently.
- Self-evacuation system (PURGE) which allows to change the type of refrigerant easily.
- Automatic stop of the unit when there is no refrigerant available in the system.
- Signal LED (green/cycle performed successfully - red/alarm).
- Safety device for maximum pressure.
- Two cut-off valves to prevent refrigerant discharge.
- "Pulse free" gauges with regulation screw.
- Ceramic cylinder with carbon fiber seal.
- Sight glass and filter included.
- Wide graphics with quick functioning instructions.

Code	Model	Dimensions with pack	Weight with pack
13001020	EASYREC-1R	545 x 300 x 395 mm	18,9 kg



Technical features

Refrigerant	CFC, HCFC, HFC and HFO (included R32 and R1234ze)
Power supply	220 - 240V AC 50 - 60 Hz
Motor power	550W
Maximal current draw	4A
Compressor	Piston-type and oil less
Automatic safety shut-off	38.5 bar/3850 kPa (558 psi)
Operating temperature	0 - 40 °C

Recovery rate	R1234ze-R134a	R502-R407C	R404A-R410A-R507-R32
Vapour	14 kg/h	15 kg/h	16 kg/h
Liquid (recovery)	96 kg/h	108 kg/h	132 kg/h
Liquid (recovery-recycling)	16 kg/h	17 kg/h	18 kg/h
Push-pull	276 kg/h	336 kg/h	378 kg/h



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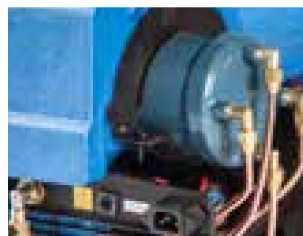
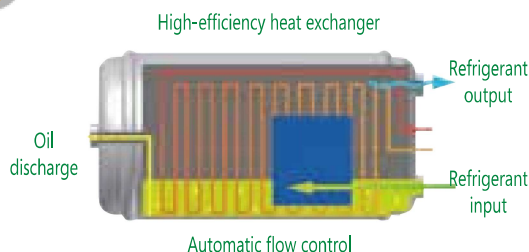
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In accordance with Article 13 Paragraph 3 Subparagraph b), until 1st January 2030 recycled fluorinated greenhouse gases with a global warming potential of 2500 or more contained in refrigeration equipment with a load size equal to or greater than 40 tonnes of CO₂ equivalent may be used for the maintenance or repair of existing refrigeration equipment, provided they have been recovered from such equipment.

Such recycled gases may only be used by the undertaking which carried out their recovery as part of maintenance or servicing or the undertaking for which the recovery was carried out as part of maintenance or servicing. Regulation (EU) No. 517/2014 Article 2 point 15 and the new Regulation Article 3 point 12 define 'recycling' as the re-use of a recovered fluorinated greenhouse gas after a basic cleaning process.



Integrated distillation system



- HIGH heat exchange between "warm" refrigerant and "cold" refrigerant, that allows to optimize the distillation procedure
- Automatic flow control system
- Max filling up control
- Distillation device which allows to separate oil/impurities/dyes very efficiently

EASYREC-1

Recovery unit suitable for CFC, HCFC, HFC and HFO (included R32 and R1234ze)

- Self-evacuation system (PURGE) which allows to change the type of refrigerant easily.
- Automatic stop of the unit when there is no refrigerant available in the system.
- Signal LED (green/cycle performed successfully - red/alarm).
- Safety device for maximum pressure.
- Two cut-off valves to prevent refrigerant discharge.
- "Pulse free" gauges with regulation screw.
- Ceramic cylinder with carbon fiber seal.
- Sight glass and filter included.
- Wide graphics with quick functioning instructions.



Code	Model	Dimensions	Weight
13001019	EASYREC-1	545 x 300 x 395 mm	15,5 kg



Technical features

Refrigerant	CFC, HCFC, HFC and HFO (included R32 and R1234ze)
Power supply	220 - 240V AC 50 - 60 Hz
Motor power	550W
Maximal current draw	4A
Compressor	Piston-type and oil less
Automatic safety shut-off	38.5 bar/3850 kPa (558 psi)
Operating temperature	0 - 40 °C



Recovery rate	R1234ze-R134a	R502-R407C	R404A-R410A-R507-R32
Vapour	14 kg/h	15 kg/h	16 kg/h
Liquid (recovery)	96 kg/h	108 kg/h	132 kg/h
Push-pull	276 kg/h	336 kg/h	378 kg/h



Spare parts and accessories



Ref	Code	Model	Description	Dimensions	Weight
A	14015008	MG-111	Filter drier (1/4" SAE M-M)	100 x 40 x 40 mm	0,28 kg
A	14015041	MG-111-A	Filter drier (1/4"SAE M-M) with alumina	100 x 40 x 40 mm	0,28 kg
B	14015013	XH412	"Hight capacity" filter drier (1/4" SAE M-M)	250 x 80 x 80 mm	1,10 kg
B	14015042	XH412-A	"Hight capacity" filter drier (1/4" SAE M-M) with alumina	250 x 80 x 80 mm	1,10 kg
C	14020014001	G19020-WIG	Kit 10 gaskets for 1/4" SAE flexible hoses	160 x 90 x 10 mm	0,02 kg
D	06071013003	GYSS/4-4/6/Y	Connection hose for filter 1/4" SAE 150 mm	250 x 50 x 50 mm	0,16 kg
E	13008026	REC026	Sight glass	90 x 40 x 50 mm	0,17 kg

"HIGH PERFORMANCE" RECOVERY - RECYCLING UNIT



EASYREC-HP

The ideal recovery-recycling unit for large refrigeration systems with high quantities of refrigerant

- Suitable for CFC-HCFC, HFC and HFO (included R32 and R1234ze).
- Distillation device with automatic refrigerant flow check, which allows to separate oil/impurity/dyes very efficiently.
- Self evacuation system (PURGE) which allows to change the type of refrigerant easily.
- Automatic stop system at the end of the recovery-recycling cycle (green light on).
- Safety pressure switch (red light on – alarm).
- Cut-off valves to prevent refrigerant discharge.
- Ø80 pulse free gauges with adjustment screw.
- Flexible hoses 1500mm with valves.
- Two filters in suction side and one filter in pressure side.
- Sight glasses in suction side.
- Large panel with quick functioning instructions.

Code	Model	Dimensions	Weight
13001025	EASYREC-HP	605 x 570 x 800 mm	65 kg



Technical features

Refrigerant	CFC, HCFC, HFC and HFO (included R32 and R1234ze)
Power supply	230/1/50
Motor power	1800W
Maximal current draw	8A
Compressor	With oil
Automatic safety shut-off	37 bar
Operating temperature	10 ÷ 50 °C

Recovery rate	
Recovery-recycling	60 kg/h
Push-pull	660 kg/h



Spare parts and accessories

Code	Model	Description	Min. Qty
14015008	MG-111	Filter drier (1/4" SAE M-M)	-
14015041	MG-111-A	Filter drier (1/4"SAE M-M) with alumina	-
14015013	XH412	"Hight capacity" drier filter (1/4" SAE M-M)	-
14015042	XH412-A	"Hight capacity" drier filter (1/4" SAE M-M) with alumina	-
13008026	REC026	Sight glass	-
06077002001	V/GYSS/4-4/60B	Blue flexible hose 1500 mm with valve	-
06077002002	V/GYSS/4-4/60R	Red flexible hose 1500 mm with valve	-
06077002003	V/GYSS/4-4/60Y	Yellow flexible hose 1500 mm with valve	-
06071013003	GYSS/4-4/6/Y	Filter connection tube 1/4" SAE 150 mm	-
12002017	W68	Ester oil 1000 cc	9 pz