

RECOVERY-RECYCLING UNIT

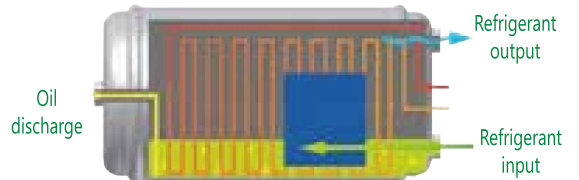
NEW

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