

RECOVERY-RECYCLING UNIT



NEW
LONGLIFE TECHNOLOGY



CERAMIC CYLINDER WITH
CARBON FIBER SEAL

PARTS AND
ACCESSORIES
PAG. 11



REGULATION UE-517/2014 -USAGE CONTROL

ARTICLE 13

3. From 1 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, shall be prohibited.

The prohibition referred to in the first subparagraph shall not apply to the following categories of fluorinated greenhouse gases until 1 January 2030:

b) recycled fluorinated greenhouse gases with a global warming potential of 2500 or more used for the maintenance or servicing 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.

In (UE) N. 517/2014 Article 2 Definitions: (15)'recycling' means the reuse of a recovered fluorinated greenhouse gas following a basic cleaning process.

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	Weight
13001020	EASYREC-1R	545 x 300 x 395 mm	18,9 kg



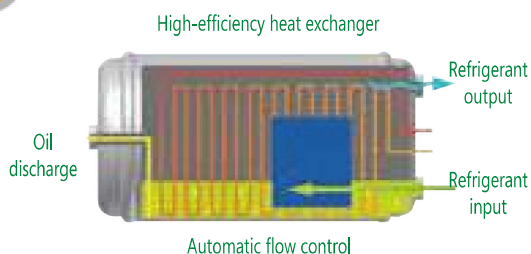
Technical features

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	R12-R134a	R22-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



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