# **ECOCLIM**

RF452

## RF452

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### Ecoclim RF452 recycling unit

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RF452

An innovation for refrigerated transport service workshop combining, time saving, efficiency, environment protection. RF452 recycling unit.

Do not destroy your R452A refrigerant anymore, recycle it!



## AUTOMATIC RECYCLING UNIT RF452



#### ECOCLIM RF452 ADVANTAGES

- Refrigerant recovered from the refrigeration unit, is recycled by the Ecoclim RF452 unit before being reinjected.
- The recycled R452A refrigerant retains its functional properties \*.
- The nitrogen tightness test function is integrated into the unit.
- Pressure monitoring from Ecoclim RF452 unit.

#### BENEFITS FOR THE WORKSHOP

- Purchase reduction costs of new or regenerated R452A due to recycling function allowing the reuse of the refrigerant.
- Administrative reduction in costs.
- Intervention's optimization.
- Reliability of quantities in stock on a daily basis and of the annual fluid balance.
- Improvement of your carbon footprint (short circuit fluid management).
- Reduction in the cost of intervention (operation in masked time).

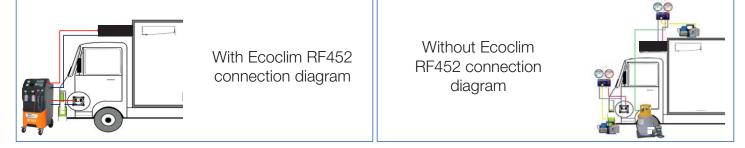
### \*NF E35-421 fluid recycled certified



#### BENEFITS FOR TECHNICIANS

- Less handling: one tool for all operations.
- Time saving, easy to use: Ecoclim RF unit is autonomous, free time for it other operations.
- Comfort & safety: had work and accident at work risk reduction.

RF452	VS	MANIFOLD & HOSES	
		VACUUM PUMP	
		VACCUM GAUGES	Ţ
		SCALE	
		RECOVERY TANK	
		R452A VIRGIN TANK	
		R452A RECOVERED TANK	
		R452A REGENERATED TANK	



		Stages
× 🛦 🛦	× 📐 📐	Manifold connection
	$\bigotimes \measuredangle$	Recovery station connection
	$\bigotimes \measuredangle$	Recovered fluid weighing
	$\times$	Vacuum pump connection
	$\otimes$	Vacuum tightness control
	$\otimes$	Virgin or regenerated fluid tank connection
	× 📐	Virgin or regenerated fluid weighing
		Weights recording
× 🛦 🛦	$\times$	Manifold disconnection

### Main features

- Fluid recovery
- Fluid recycling
- Fluid charging
- ✓ Vacuum and nitrogen leak test
- ☑ interventions History / fluid balance
- ☑ Oil and no condensable gas separating
- Automatic oil injection
- Printing operations

### **Q** ACCURACY

Charge accuracy, HP & LP manometers accuracy: less than or egal to 5%.

Completeness fluide in the separator and condenser is weighed

### TIMELINELESS

Recovery and recycling capacity: 750 g/min. Vacuum pump flow: 180 l/min



Configurable values (vacuum time, charge quantity, etc.).

User integrated database that allows you save your vehicle fleet (Update by USB key).

Adapted to mobile workshop.



Due to components and materials selection, and internal architecture, Ecoclim RF unit, offers high reliability and a high service life without planned obsolescence.

### TECHNICAL FEATURES

#### GENERAL FEATURES

Dimensions : 1220 x 550 x 810 mm Power: 230 Volts 50 Hz Power consumption : 1000 Watts Weight without fluid: 145 kg

#### RECYCLING, VACUUM & FLUID TANK

Recycling fluid filter capacity: 500 kg High performance vacuum pump: 180 l/min Usable fluid storage capacity : 28 kg Recovery & recycling capacity: 750 gr/min

#### HOSES

Length: 7 m, with 1/4 turn valve at each end

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