

## RF452



### Ecoclim RF452 recycling unit

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.

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

	With Ecoclim RF452 connection diagram	Without Ecoclim RF452 connection diagram	
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		Stages
  	  	Manifold connection
	  	Recovery station connection
	  	Recovered fluid weighing
	  	Vacuum pump connection
	  	Vacuum tightness control
	  	Virgin or regenerated fluid tank connection
	  	Virgin or regenerated fluid weighing
	  	Weights recording
  	  	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



### ACCURACY

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

Completeness fluid in the separator and condenser is weighed



### TIMELINELESS

Recovery and recycling capacity: 750 g/min.

Vacuum pump flow: 180 l/min



### CONVENIENCE

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.



### DURABILITY

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

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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

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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

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



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