

# CARESAVER

## UNIVERSAL REFRIGERANT RECOVERY UNIT

The CARESAVER refrigerant recovery unit is a simple to use, portable unit suitable for use in all refrigerant transfer applications in the workshop or on site



- Liquid and vapour recovery with automatic changeover
- Self discharging and Hot Gas/Cool Gas discharge switch
- Suitable for all CFC, HCFC, HFC, and HC refrigerants used on domestic, commercial and automotive refrigeration and air conditioning equipment
- Onboard refrigerant storage facility
- High efficiency heat exchanger and inlet oil separator with drain facility and integral mesh strainer
- Automatic safety high and low pressure switches with illuminated indicators and manual low pressure override switch
- Compressor fan cooling and compact air cooled condenser
- High electrical specification with encapsulated components
- Robust painted steel casework
- 2m hard wired mains lead with moulded plug
- No maintenance required
- Full technical support from UK manufacturer

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## UNIVERSAL REFRIGERANT RECOVERY UNIT

The CARESAVER unit is a simple to use, portable, service tool designed to efficiently remove liquid and vapour refrigerant from any refrigeration or air conditioning system. The unit is semi-automatic and is suitable for operation with all common CFC, HCFC, HFC and HC refrigerants used in domestic, commercial and automotive equipment.

The heat exchanger and air cooled condenser make the units particularly suitable for applications where the refrigerant can only be recovered as vapour, for example through access valves on packaged air conditioning equipment and piercing pliers with domestic equipment.

The low pressure override switch enables the units to operate intermittently in a vacuum as required on refrigerant recovery from domestic cabinets.

The units can recover refrigerant in either liquid or vapour phase and changeover is automatic. The heat exchanger oil separator has a drain facility to remove the oil separated from recovered liquid.

A self-discharge feature is incorporated in the units to avoid mixing of refrigerants.

The units are designed for the service environment and provided with practical features including a compound pressure gauge to monitor the pressure in the system, a discharge gauge to monitor the pressure in the recovery cylinder and High and Low Pressure illuminated indicators. The robust painted steel case is ergonomically designed to protect the fascia and the central carrying handle provides storage for the 2m mains lead.

Comprehensive instructions included with the unit illustrate simple push-pull and pass through techniques and safety procedures.

### TECHNICAL SPECIFICATION

		<b>CARESAVER Universal</b>
<b>Overall Dimensions</b>	Length	470 mm
	Width	235 mm
	Height	335 mm
	Weight	21kg
<b>Refrigerants</b>		R12, R22, R134A, R404A, R407C, R410A, R413A, R417A, R502, R600A
<b>Recovery Capacity up to</b>		32 kg/h
<b>Onboard Storage Capacity</b>		250 g
<b>Ambient Temperature Rating</b>		50 C
<b>Power Absorbed</b>		145 W
<b>Running Current</b>		1.3 A
<b>Voltage</b>		230 V
<b>Compressor protection</b>		HP switch, thermal overload
<b>Inlet connection</b>		¼" SAE male flare
<b>Discharge connection</b>		¼" SAE male flare
<b>Oil Drain Connection</b>		¼" SAE male flare
<b>Applications</b>		Domestic Commercial Air Conditioning Automotive

Manufactured by **RDA Environmental Engineering** in accordance with European Council Directives 89-393EEC (Machinery) and 89-336EEC (EMC) 2004/108/EC 6/1/2005, 97/23/EC Pressure Equipment Directive (PED) 93/68/EEC Low Voltage Directive

**RDA Environmental Engineering** manufactures a wide range of refrigerant handling products - visit our Internet Web site <http://www.rda-eng.com> or contact us at the address below for full details.



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