

www.rda-eng.com
+44(0)1983 821189

REFRIGERANT HANDLING PRODUCTS

RDA ENVIRONMENTAL
ENGINEERING LIMITED

CARESAVER

UNIVERSAL REFRIGERANT RECOVERY UNIT

Suitable for
use with all HC
Refrigerants



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

FEATURES INCLUDE

Liquid and vapour recovery with automatic changeover

Self discharging and Hot Gas/Cool Gas discharge switch

Suitable for all CFC, HCFC, HFC, HC and all CARE® blend refrigerants used on domestic, commercial and automotive refrigeration and air conditioning equipment

Onboard refrigerant storage facility

5m hard wired mains lead with moulded plug

Automatic safety high and low pressure switches with illuminated indicators and manual low pressure override switch

High efficiency heat exchanger and inlet oil separator with drain facility and integral mesh strainer

Compressor fan cooling and compact air cooled condenser

High electrical specification with encapsulated components

Full technical support from UK manufacturer

CARESAVER

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 5m mains lead. Comprehensive instructions included with the unit illustrate simple push-pull and pass through techniques and safety procedures.

TECHNICAL SPECIFICATIONS

Length	470 mm
Width	235 mm
Height	335 mm
Weight	21kg
Refrigerants	R22, R134A, R404A, R407C, R410A, R413A, R417A, R502, R600A, R290, R1234yf, R32 & all CARE® blend refrigerants
Recovery Capacity up to	32 kg/h
Onboard Storage Capacity	250 g
Ambient Temperature Rating	50°C
Power Absorbed	145 W
Running Current	1.3 A
Voltage	230 V (110 V optional)
Compressor protection	HP switch, thermal overload
Inlet connection	1/4" SAE male flare
Discharge connection	1/4" SAE male flare
Oil Drain Connection	1/4" SAE male flare
Applications	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, 2002/95/EC (RoHS). The Caresaver has been tested and exceeds all requirements of BS EN 60079 part 10 and EN60730-2 regarding electrical equipment in potentially explosive atmospheres.

RDA Environmental Engineering manufactures a wide range of refrigerant handling products visit our website www.rda-eng.com or contact us for full details



TELEPHONE +44(0)1983 821189 FAX +44(0)1983 821149
EMAIL sales@rda-eng.com