



KOOLKARE

CAR & COMMERCIAL AIR CONDITIONING SERVICE SOLUTIONS

THE STANDARD IN INFORMATION, EQUIPMENT AND DIAGNOSTICS SYSTEMS
www.snapon-equipment.eu

KOOLKARE

INTRODUCTION

The Sun Koolkare range of Air con recycling systems has been designed after extensive feedback from you our customers.

The Koolkare range offers you a choice of high class air con recycling systems that have been designed for the modern workshop dealing with all of todays vehicle systems.

Easy to use controls and user friendly software, technicians are taken through a step by step sequence of service functions, to complete a comprehensive service for your customers.

The KoolKare range will deliver one of the most profitable, productive solutions in the modern workshop, giving the workshop owner a quick return on their investment.



UK call centre



THE STANDARD IN INFORMATION,
EQUIPMENT AND DIAGNOSTIC SYSTEMS



KOOLKARE DUAL GAS UNIT

PRODUCT SPECIFICATION

We are pleased to announce the introduction of the fully automatic KoolKare Dual gas-station for recovering, recycling and recharging R134a and R1234YF refrigerants.

Whether it's the ability of being able to handle both refrigerants on 2 separate lines or it's high resolution colour touch screen display and user friendly software the KoolKare Dual gas unit provides the ideal solution for today's needs.

The KoolKare Dual Gas service equipment, meets all the needs of the modern workshop in dealing with the sophisticated air conditioning and climate control systems of today's modern vehicles. It will provide a complete, professional and comprehensive service for your customer.

KoolKare delivers profitable, productive solutions for today's competitive market.

So no matter if you are new to working with vehicle air conditioning systems, or you work in an experienced workshop looking to move up to the next level of service technology, KoolKare is the solution.

The unit includes collapsible and fully sealed oil and dye bottles, to stop moisture being absorbed into the oil / dye, you can also see at a glance if the levels are getting low and there is no danger of any accidental spillages. The unit includes two 12L refrigerant cylinders allowing you to service the many vehicles that come through your workshop.



Options

- Flushing kit
- Accessory kit
- Gas Identifier



Optional Accessory Kit

KOOLKARE BLIZZARD HFO

PRODUCT SPECIFICATION

The Sun Blizzard HFO is the most comprehensive model of the Koolkare range that allows you to recover and recycle R1234YF refrigerant. This latest model has been completely redesigned with the Technician in mind, with the aim of making the entire process as simple as possible.

The Blizzard HFO is a fully automatic recovery and recycling unit with automatic taps which allows you to simply set up the aircon recycle procedure and then leave it to run, freeing up the technician to get on with other jobs in the workshop.

The unit meets and exceeds all world-wide standards for refrigerant management procedures*, including a Nitrogen leak check procedure – which complies with F Gas regulations for leak checks.

A 5" high resolution colour display has been added to take you step by step through the entire procedure.

Larger 100 mm gauges have been added to the front, with visual indicators marking the gauges to ensure you can easily see what is happening and a colour coded light system has been introduced so that even at the other end of your garage a simple glance will let you know what is happening

BLUE (STEADY):	– Machine in stand by
GREEN (STEADY):	– Procedure running
GREEN (FLASHING):	– Procedure completed
YELLOW (FLASHING):	– Warning message
RED (FLASHING):	– Alarm message

The Koolkare Blizzard HFO also includes as standard the KoolKlean purification system. The Koolklean system leaves the car smelling fresh by eliminating the bacteria that causes bad odours. Yet another way for a workshop to satisfy the needs of the vehicle owner. The Koolklean purification cycle can be set to be carried out at the same time as the AC recovery and recharge system, or can be carried out as a separate operation on its own. Allowing garages the flexibility to be able to offer the purification process as a separate service to your customers.



And after all that the Koolkare Blizzard HFO can now service HD11 oil (Hybrid cars).



Options

- Flushing kit
- Accessory kit
- Refrigerant identifier



Optional Accessory Kit*



Optional Flushing Kit*

A refrigerant identifier is now also available to be added to this unit. The identifier is controlled by the AC station itself and will not allow contaminated refrigerant or other non-approved refrigerants to be recovered. If a contaminant is detected the identifier will automatically stop the service.

KOOLKARE BLIZZARD PRO

PRODUCT SPECIFICATION

The Sun Blizzard PRO is the most popular model in the KoolKare range. This latest model has been completely redesigned with the Technician in mind, with the aim of making the entire process as simple as possible.

The Blizzard PRO is a fully automatic recovery and recycling unit with automatic taps which allows you to simply set up the aircon recycle procedure and then leave it to run, freeing up the technician to get on with other jobs in the workshop.

The unit meets and exceeds all world-wide standards for refrigerant management procedures*, including a Nitrogen leak check procedure – which complies with F Gas regulations for leak checks.

A 5" high resolution colour display has been added to take you step by step through the entire procedure.

Larger 100 mm gauges have been added to the front, with visual indicators marking the gauges to ensure you can easily see what is happening and a colour coded light system has been introduced so that even at the other end of your garage a simple glance will let you know what is happening

BLUE (STEADY):	– Machine in stand by
GREEN (STEADY):	– Procedure running
GREEN (FLASHING):	– Procedure completed
YELLOW (FLASHING):	– Warning message
RED (FLASHING):	– Alarm message

The Koolkare Blizzard PRO also includes as standard the KoolKlean purification system. The Koolklean system leaves the car smelling fresh by eliminating the bacteria that causes bad odours. Yet another way for a workshop to satisfy the needs of the vehicle owner. The Koolklean purification cycle can be set to be carried out at the same time as the AC recovery and recharge system, or can be carried out as a separate operation on its own. Allowing garages the flexibility to be able to offer the purification process as a separate service to your customers.



The unit comes with a comprehensive vehicle database, but also allows you to add any new vehicles you might come across. And after all that the Koolkare Blizzard PRO can now service HD11 oil (Hybrid cars).

A refrigerant identifier is now also available to be added to this unit. The identifier is controlled by the AC station itself and will not allow contaminated refrigerant or other non-approved refrigerants to be recovered. If a contaminant is detected the identifier will automatically stop the service.



Options

- Flushing kit
- Accessory kit
- Refrigerant identifier



Optional Accessory Kit*



Optional Flushing Kit*

KOOLKARE BLIZZARD

PRODUCT SPECIFICATION

The Sun Blizzard is one of the most comprehensive units in the KoolKare range. This latest model has been completely redesigned with the Technician in mind, with the aim of making the entire process as simple as possible.

The Blizzard is a fully automatic recovery and recycling unit with automatic taps which allows you to simply set up the aircon recycle procedure and then leave it to run, freeing up the technician to get on with other jobs in the workshop.

A 5" high resolution colour display has been added to take you step by step through the entire procedure.

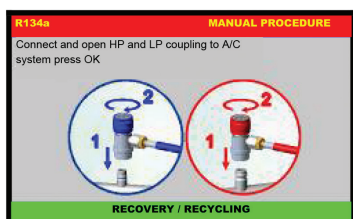
The unit comes with a comprehensive vehicle database, but also allows you to add any new vehicles you might come across.

Options

- Flushing kit
- Accessory kit



Big Easy to read dials along with an LCD display make the Koolkare Blizzard very simple to operate



Easy to read display guides the user through the entire process.



Optional Accessory Kit*



Optional Flushing Kit*



COACH AND BUS AC UNIT

PRODUCT SPECIFICATION

The Sun KoolKare HD is a fully automatic single-gas station for recovering, recycling, and recharging high capacity systems with R134 refrigerant, for use with Truck, coaches, agricultural and industrial vehicles. In-built pump, to pump the liquid refrigerant back into the vehicle for a quick and effortless charging cycle.

Automatic Functions

- Recovery
- Oil discharge
- Vacuum
- Tracer
- Oil reintegration
- Gas charging

Options

- Flushing kit for flushing the A/C system with refrigerant. External bottle and metal adapters included
- Accessory kit



Optional Flushing Kit*



Accessory Kit*

KOOLKARE FAMILY FEATURES & TECHNICAL DETAILS

The Koolkare family offers a range of air con machines that are designed to meet the differing needs of all types of workshops. The tables below show you all the great features from the range and will help you decide which unit is right for your workshop.

Product Features	Dual Gas Unit	Blizzard HFO	Blizzard PRO	Blizzard	Coach & Bus
Semi or fully automatic model	Fully Automatic	Fully Automatic/ manual	Fully Automatic/ manual	Fully Automatic/ manual	Fully Automatic/ manual
Air Purge Feature	Automatic air purge	Automatic air purge	Automatic air purge	Automatic air purge	Automatic air purge
Filters	2 (1 for each refrigerant)	1	1	1	2
Refillable Hermetic Oil Bottle (PAG46)	Yes	Yes	Yes	Yes	No
Oil Change Procedure	Yes	Yes	Yes	Yes	No
Hybrid Function Feature	Yes	Yes	Yes	No	No
Vehicle Database Feature	Yes (R134 vehicle only)	N/A	Advanced/manual input for New Models & Truck	Advanced/manual input for New Models & Truck	Advanced/manual input for New Models & Truck
Automatic Vacuum Leak Check Feature	Yes	Yes	Yes	Yes	Yes
Refrigerant Management complies with F gas regulations on keeping records of gas use in and out	Yes	Yes	Yes	Yes	Yes
Nitrogen Leak Check Procedure	Yes	Yes	Yes	No	No
KoolKlean System	No	Yes	Yes	No	No
Flushing Operation (with Optional Flushing Kit)	Yes	Yes	Yes	Yes	Yes
Oil Change Procedure	Yes	Yes	Yes	Yes	No

Technical Specifications	Dual Gas Unit	Blizzard HFO	Blizzard PRO	Blizzard	Coach & Bus
Type of Refrigerant	R134a and R1234yf	R1234yf	R134a	R134a	R134a
Voltage	220–240v / 50–60 Hz AC	220–240v / 50–60 Hz AC	220–240v / 50–60 Hz AC	220–240v / 50–60 Hz AC	220–240v / 50–60 Hz AC
Scale Resolution	+/-15g	+/-15g	+/-15g	+/-15g	+/-15g
Heated Cylinder	Yes	Yes	Yes	Yes	No
Working Temperature Range	11 – 49°C	11 – 49°C	11 – 49°C	11 – 49°C	11 – 49°C
Vacuum Pump Capacity	100 l/min rated capacity 0.2 mbar vacuum level	100 l/min rated capacity 0.1 mbar vacuum level	100 l/min rated capacity 0.1 mbar vacuum level	100 l/min rated capacity 0.1 mbar vacuum level	170 l/min rated capacity 0.1 mbar vacuum level
Recovery/Refrigerant Cylinder Capacity Feature	2x 12L refillable	12L refillable	22L refillable	22L refillable	40L refillable
Display	7" Colour Graphic touch screen	5" Colour display	5" Colour display	5" Colour display	123 . 40 mm
Overall Size (W x D x H)	67. 62. 107 cm	60. 64. 110 cm	60. 64. 110 cm	60. 64. 110 cm	80 . 120 . 115 cm
Weight	110kg	90kg	90kg	90kg	140kg
Refillable Hermetic Dye Bottle	Yes	Yes	Yes	Yes	No
Service Hose length	2 sets, 3 metres	3 metres	3 metres	3 metres	6 metres
Following SAE 2788	Yes	Yes	Yes	Yes	Yes
Class 1 Compliant Gauges	Yes	Yes	Yes	Yes	Yes
Onboard Printer	Yes	Yes	Yes	Yes	Yes