



KOOLKARE

CAR & COMMERCIAL AIR CONDITIONING SERVICE SOLUTIONS



THE STANDARD IN INFORMATION, EQUIPMENT AND DIAGNOSTICS SYSTEMS

KOOLKARE DUAL GAS UNIT

PRODUCT DESCRIPTION

The air conditioning maintenance unit KoolKare Dual Gas works with both the conventional refrigerant R134a and the new refrigerant HFO1234yf.

The unit offers separate use of the two refrigerants, a large and high-resolution touch screen display and user-friendly software.

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
- Refrigerant Identifier



Optional Accessory Kit*

*Content may differ from image shown



KOOLKARE BLIZZARD HFO

PRODUCT DESCRIPTION

The KoolKare 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:	– Device in standby mode
GREEN:	– Procedure is running
GREEN (BLINKING):	– Procedure ends
YELLOW (BLINKING):	– Warning
RED (BLINKING):	– Alarm

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).

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*

*Content may differ from image shown



KOOLKARE BLIZZARD PRO

PRODUCT DESCRIPTION

The KoolKare 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:	– Device in standby mode
GREEN:	– Procedure is running
GREEN (BLINKING):	– Procedure ends
YELLOW (BLINKING):	– Warning
RED (BLINKING):	– Alarm

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*

*Content may differ from image shown



KOOLKARE BLIZZARD

PRODUCT DESCRIPTION

The KoolKare 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*

*Content may differ from image shown



KOOLKARE BREEZE III AND KOOLKARE BREEZE III-HFO

PRODUCT DESCRIPTION

KoolKare Breeze III

The KoolKare Breeze III offers an extremely attractive price / service ratio and as such is optimally suited as an inexpensive entry-level device for companies wishing to invest in the domain of air conditioning devices maintenance for the first time.

The previous model version has been completely revised and adapted to customers' requirements. The main claim was that it lets the service process be as easy as possible.

The device satisfies all worldwide standards for refrigerant recycling procedures. It has an extensive vehicle database.

Options

- Flushing kit
- Accessory kit



KoolKare Breeze III-HFO

The KoolKare Breeze III-HFO is an outstanding solution for all jobs with AIRCO systems with the new refrigerant HFO1234yf. This device also offers an extremely attractive price / service ratio.

The Breeze III-HFO performs all AIRCO service procedures independently. It satisfies the conditions of SAE J-2788 for high levels of refrigerant retrieval and purity.

The Breeze III-HFO has an extensive vehicle database.

Options

- Flushing kit
- HFO Accessory kit



Optional Accessory Kit*



Optional Flushing Kit*

*Content may differ from image shown



KOOLKARE HD-S

PRODUCT DESCRIPTION

The Sun KoolKare HD-S 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 effect less charging cycle. The unit meets and exceeds all world-wide standards for refrigerant management procedures, including a Nitrogen leak check procedure.

Automatic Functions

- Recovery
- Oil discharge
- Vacuum
- Nitrogen leak check
- 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 Accessory Kit*



Optional Flushing Kit*

*Content may differ from image shown



The KoolKare family offers a range of air con machines that are designed to meet the differing needs of all types of workshops.

Technical data	Blizzard	Blizzard Pro	Blizzard HFO	Dual Gas	Breeze III	Breeze III-HFO	HD-S
Type of refrigerant	R134a	R134a	HFO1234yf	R134-HFO1234yf	R134a	HFO1234yf	R134a
Service Procedure	Fully Automatic/ manual	Fully Automatic/ manual	Fully Automatic/ manual	Fully Automatic/ manual	Fully Automatic/ manual	Fully Automatic/ manual	Fully Automatic/ manual
Voltage	220-240v 50/60 Hz	220-240v 50/60 Hz	220-240v 50 Hz	220-240v 50 Hz	220-240v 50/60 Hz	220-240v 50 Hz	220-240v 50/60 Hz
Scale Resolution	±10g	±10g	±10g	±10g	±10g	±10g	±10g
Air Purge	Automatic air purge	Automatic air purge	Automatic air purge	Automatic air purge	Manual	Manual	Automatic air purge
Heated Cylinder	Yes	Yes	Yes	Yes	Yes	Yes	No
User selectable units of measure	g (kg) oz (lb)	g (kg) oz (lb)	g (kg) oz (lb)	g (kg) oz (lb)	g (kg) oz (lb)	g (kg) oz (lb)	g (kg) oz (lb)
Storage tray	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Oil Scale Accuracy	±5g	±5g	±5g	±5g	±5g	±5g	±5g
Working temperature range	11 – 49 °C	11 – 49 °C	11 – 49 °C	11 – 49 °C	11 – 49 °C	11 – 49 °C	11 – 49 °C
Filters	1	1	1	2	1	1	2
Vacuum Pump Capacity	100 l/min/0.1 mbar	100 l/min/0.1 mbar	100 l/min/0.1 mb	100 l/min/0.1 mb	100 l/min/0.1 mbar	100 l/min/0.1 mb	170 l/min/0.1 mbar
Recovery Speed liquid phase	300g/min	300g/min	300g/min	300g/min	300g/min	300g/min	300g/min
Recovery/refrigerant cylinder capacity	22L refillable	22L refillable	12L refillable	2x12L refillable	12L refillable	12L refillable	40L refillable
Pressure gauges	80mm	100mm	100mm	80mm	80mm	80mm	80mm
Display	5" color	5" color	5" color	7" color touch screen	LCD (98X39mm)	LCD (98X39mm)	LCD (123x40mm)
Weight (kg)	90	90	90	110	90	90	140
Hermetic and refillable oil/dye containers	1 oil + 1 dye	1 oil + 1 dye	1 oil + 1 dye	2 oil + 2 dye	1 oil + 1 dye	1 oil + 1 dye	
Refillable oil/dye containers							1 oil + 1 dye
Oil change procedure	Yes	Yes	Yes	Yes			
Hybrid function		Yes	Yes	Yes			
Automatic dye injection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Vehicle database	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Automatic Vacuum Leak Check	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Service Hose length	3 meters	3 meters	3 meters	2 pairs, 3 meters each	3 meters	3 meters	6 meters
High Precision Technology	Yes	Yes	Yes	Yes	Yes	Yes	
Class 1 compliant gauges	Yes	Yes	Yes	Yes	Yes	Yes	Yes
On – board printer	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Refrigerant management	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Static diagnosis	Yes	Yes	No	No	yes		
Gear Pump 1kg/min							Yes
Nitrogen Leak Check		Yes	Yes	Yes			Yes
KoolKlean package		Yes	Yes				
Status light		Yes	Yes				
Flushing operation (SW)	Yes	Yes	Yes	Yes	Yes	Yes	
Automatic Taps	Yes	Yes	Yes	Yes			
Gas Identifier Ready -R134a-		Yes		Yes			
Gas Identifier Ready -HFO-			Yes	Yes			

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