KOOLKARE
CAR & COMMERCIAL AIR CONDITIONING SERVICE SOLUTIONS

THE STANDARD IN INFORMATION, EQUIPMENT AND DIAGNOSTICS SYSTEMS
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.

KoolKare Dual Gas can now service cars with electric compressors using POE or PAG oils.

**Options**

- Flushing kit
- Accessory kit
- Refrigerant Identifier

*Optional Accessory Kit*  
*Content may differ from image shown*
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.

KoolKare Blizzard HFO can now service cars with electric compressors using POE or PAG oils.

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

*Content may differ from image shown*
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.

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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.

KoolKare Blizzard PRO can now service cars with electric compressors using POE or PAG oils.

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

*Content may differ from image shown*
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
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*
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 industrials 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

*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

<table>
<thead>
<tr>
<th>Machine</th>
<th>Blizzard</th>
<th>Blizzard Pro</th>
<th>Blizzard HFO</th>
<th>Dual Gas</th>
<th>Breeze III</th>
<th>Breeze III-HFO</th>
<th>HD-5</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type of refrigerant</strong></td>
<td>R134a</td>
<td>R134a</td>
<td>HFO1234yf</td>
<td>R134-HFO1234yf</td>
<td>R134a</td>
<td>HFO1234yf</td>
<td>R134a</td>
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<td><strong>Voltage</strong></td>
<td>220-240v 50/60 Hz</td>
<td>220-240v 50/60 Hz</td>
<td>220-240v 50 Hz</td>
<td>220-240v 50/60 Hz</td>
<td>220-240v 50 Hz</td>
<td>220-240v 50/60 Hz</td>
<td>220-240v 50/60 Hz</td>
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<td><strong>Scale Resolution</strong></td>
<td>±10g</td>
<td>±10g</td>
<td>±10g</td>
<td>±10g</td>
<td>±10g</td>
<td>±10g</td>
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<tr>
<td><strong>Air Purge</strong></td>
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<td>Automatic air purge</td>
<td>Automatic air purge</td>
<td>Automatic air purge</td>
<td>Manual</td>
<td>Manual</td>
<td>Automatic air purge</td>
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<tr>
<td><strong>Heated Cylinder</strong></td>
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<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td><strong>User selectable units of measure</strong></td>
<td>g (kg) oz (lb)</td>
<td>g (kg) oz (lb)</td>
<td>g (kg) oz (lb)</td>
<td>g (kg) oz (lb)</td>
<td>g (kg) oz (lb)</td>
<td>g (kg) oz (lb)</td>
<td></td>
</tr>
<tr>
<td><strong>Storage tray</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Oil Scale Accuracy</strong></td>
<td>±0.5g</td>
<td>±0.5g</td>
<td>±0.5g</td>
<td>±0.5g</td>
<td>±0.5g</td>
<td>±0.5g</td>
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<tr>
<td><strong>Working temperature range</strong></td>
<td>11 – 49 °C</td>
<td>11 – 49 °C</td>
<td>11 – 49 °C</td>
<td>11 – 49 °C</td>
<td>11 – 49 °C</td>
<td>11 – 49 °C</td>
<td>11 – 49 °C</td>
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<tr>
<td><strong>Vacuum Pump Capacity</strong></td>
<td>100 l/min/0.1 mbar</td>
<td>100 l/min/0.1 mbar</td>
<td>100 l/min/0.1 mbar</td>
<td>100 l/min/0.1 mbar</td>
<td>100 l/min/0.1 mbar</td>
<td>100 l/min/0.1 mbar</td>
<td>170 l/min/0.1 mbar</td>
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<tr>
<td><strong>Recovery Speed liquid phase</strong></td>
<td>300g/min</td>
<td>300g/min</td>
<td>300g/min</td>
<td>300g/min</td>
<td>300g/min</td>
<td>300g/min</td>
<td>300g/min</td>
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<td><strong>Heater</strong></td>
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<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td>Yes</td>
<td>No</td>
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<tr>
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<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td><strong>Pressure gauges</strong></td>
<td>80mm</td>
<td>100mm</td>
<td>100mm</td>
<td>80mm</td>
<td>80mm</td>
<td>80mm</td>
<td>80mm</td>
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<tr>
<td><strong>Display</strong></td>
<td>5” color</td>
<td>5” color</td>
<td>5” color</td>
<td>7” color</td>
<td>LCD (98X39mm)</td>
<td>LCD (98X39mm)</td>
<td>LCD (123x40mm)</td>
</tr>
<tr>
<td><strong>Weight (kg)</strong></td>
<td>90</td>
<td>90</td>
<td>90</td>
<td>90</td>
<td>90</td>
<td>90</td>
<td>140</td>
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<tr>
<td><strong>Hermetic and refillable oil/dye containers</strong></td>
<td>1 oil + 1 dye</td>
<td>1 oil + 1 dye</td>
<td>1 oil + 1 dye</td>
<td>2 oil + 2 dye</td>
<td>1 oil + 1 dye</td>
<td>1 oil + 1 dye</td>
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<tr>
<td><strong>Refrigerant capacity</strong></td>
<td>22L refillable</td>
<td>22L refillable</td>
<td>12L refillable</td>
<td>2x12L refillable</td>
<td>12L refillable</td>
<td>12L refillable</td>
<td>40L refillable</td>
</tr>
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<tr>
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<td>80mm</td>
<td>100mm</td>
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<td>90</td>
<td>90</td>
<td>90</td>
<td>140</td>
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<tr>
<td><strong>High Precision Technology</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Class 1 compliant gauges</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>On – board printer</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Refrigerant management</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Static diagnosis</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Gear Pump 1kg/min</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Nitrogen Leak Check</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Automatic Taps</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Automatic Dye Injection</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Automatic Vacuum Leak Check</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Service Hose length</strong></td>
<td>3 meters</td>
<td>3 meters</td>
<td>3 meters</td>
<td>2 pairs, 3 meters each</td>
<td>3 meters</td>
<td>3 meters</td>
<td>6 meters</td>
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<tr>
<td><strong>High Precision Technology</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td>Yes</td>
<td>Yes</td>
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<td>Yes</td>
<td>Yes</td>
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<td><strong>Gear Pump 1kg/min</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td>Yes</td>
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<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Automatic Dye Injection</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Automatic Vacuum Leak Check</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Service Hose length</strong></td>
<td>3 meters</td>
<td>3 meters</td>
<td>3 meters</td>
<td>2 pairs, 3 meters each</td>
<td>3 meters</td>
<td>3 meters</td>
<td>6 meters</td>
</tr>
</tbody>
</table>

**Germany:**
Snap-on Equipment GmbH
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The machines are sometimes equipped with special equipment, at additional charge. Technical and visual changes reserved.