



The Standard in Information and Diagnostic Systems



SUN KOOLKARE

Vehicle air conditioning service solutions

Features / Specifications	Breeze	Blizzard QTech	Blizzard QTech Diagnostic
Type of refrigerant	R 134a	R134a	R134a
Service procedure	Semi automatic or manual functions	Fully automatic or manual sequences	Fully automatic or manual sequences
Voltage	220-240 V / 50-60 Hz AC	220-240 V / 50-60 Hz AC	220-240 V / 50-60 Hz AC
Scale resolution	±10 g	±10 g	±10 g
Air purge	Manual	Guided air purge	Guided air purge
Heated cylinder	No	Yes	Yes
SAE 2788 Compliant	No	Yes	Yes
Class 1 Compliant Gauges	Yes	Yes	Yes
Operator user code	No	Yes	Yes
Procedure memory	No	Yes	Yes
Length of service hoses	3 meters	3 meters	3 meters
User-selectable units of measure	g (kg) oz (lb)	g (kg) oz (lb)	g (kg) oz (lb)
Storage tray for service hoses	Yes	Yes	Yes
Oil scale accuracy	±5 g	±5 g	±5 g
Working temperature range	11-49 °C	11-49 °C	11-49 °C
Filters	2 filters to remove water and other impurities	2 filters to remove water and other impurities	2 filters to remove water and other impurities
Vacuum pump	92 l/min rated capacity 0.1 mbar vacuum level	115 l/min rated capacity Upgraded 0.1 mbar vacuum level	115 l/min rated capacity Upgraded 0.1 mbar vacuum level
Compressor	Sealed, 12 cc	Sealed, 12 cc	Sealed, 12 cc
Recovery speed	300 g/min in liquid phase	300 g/min in liquid phase	300 g/min in liquid phase
Recovery tank capacity / Refrigerant bottle	10 kg refillable	22 kg refillable	22 kg refillable
Display	75 x 25 mm	123 x 40 mm enlarged	123 x 40 mm enlarged
Overall size (W x D x H)	57 x 63 x 103 cm	57 x 63 x 103 cm	57 x 63 x 103 cm
Weight	70 kg	80 kg	80 kg
Tracer/Dye fluid tank		Standard	Standard
Vehicle database	Basic database optional	Comprehensive database with manual input for new vehicles	Comprehensive database with manual input for new vehicles
Vacuum leak check	No	Yes	Yes
On board printer	No	Yes	Yes
Optional Leak detector	Yes	Yes	Yes
Optional IR Thermometer	Yes	Yes	Yes
Optional accessory kit	Yes	Yes	Yes
Optional flushing kit	Yes	Yes	Yes
Optional diagnostic package	No	No	Yes

Optional accessory kit



Optional flushing kit



- Customized robust design, with easy mobility around the workshop
- Clear, easy to use controls and operator programs
- Models to suit most workshops including Bus and Truck
- Automatic and manual operator options
- Warning alarms for High Pressure, Full Cylinder and Empty Cylinder conditions
- Service alarms both audible and visual for filter replacement



Snap-on Diagnostics
Denney Road, King's Lynn, Norfolk PE30 4HG
T: +44 (0) 1553 692422 F: +44 (0) 1553 697254
E: ies@sun-diagnostics.com W: www.sun-diagnostics.com

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Diagnostic tools, software and information for now and the future

KoolKare - Vehicle air conditioning service solutions

For the KoolKare range of vehicle air conditioning service equipment we went back to the design drawing board. We listened to our Customers to ensure that the new designs met all the needs of the modern workshop in dealing with the sophisticated air conditioning and climate control systems of today's modern vehicles.

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

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

KOOLKARE BREEZE II



Integral tool storage tray

Semi automatic model

Basic database option

External air purge valve

Easy to read gauges and high contrast LCD display

Customized robust design, with easy mobility around the workshop

Cylinder pressure transducer

Cylinder temperature sensor

KOOLKARE BLIZZARD QTECH

Fully automatic model, with optional diagnostic capabilities

Customized robust design, with easy mobility around the workshop

Integral tool storage tray

Easy to read gauges and large high contrast LCD display

Comprehensive vehicle database, with manual input for new vehicles



On board printer

Refrigerant management system, with operator code and procedure memory

Large 22 kg refrigerant cylinder

SAE2788 Compliant
- Automatic air purge
- 95% gas recovery
- +/- 15 gm accuracy

Refrigerant management with operator code

Optional factory fitted, fully Integrated diagnostic system

USB Communications port

The Blizzard QTech Diagnostic model has the factory fitted and fully integrated diagnostic option that measures vehicle system high and low pressure, the workshop ambient temperature and vehicle system temperature, plus the vehicle compressor on/off status. The diagnostic test results can be printed as a hard copy report as part of the vehicle service history.

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



www.sun-diagnostics.com

ies@sun-diagnostics.com

