

[www.ariazone.com](http://www.ariazone.com)

# ariazone®



**Leaders of automotive refrigerant service equipment  
and compressor lubricants**

***FAST and EFFECTIVE units that make servicing  
automotive a/c systems SIMPLE, PRECISE and SAFE***

**— Catalogue —**

## About Ariazone

Ariazone was the first company in the world to design and manufacture an all-in-one machine that was capable of performing all necessary functions needed to carry out air conditioning system testing and servicing. The tasks these innovative machines address include recovery, recycling, flushing, evacuation, oil injection and charging—all in one unit.

For over 30 years Ariazone have been at the forefront in AC service with their Australian designed and manufactured air conditioning service equipment. In that time they've won multiple design awards for their state-of-the-art products.

Now being asked for by name around the world, Ariazone service equipment is efficient, reliable and user-friendly. Their products can do a complete automotive A/C service with minimal operator attention.

"We offer strong after sales-support, carried out by specially trained staff. They're always at hand to assist you."

Connect up, check and walk away and start another job whilst the Ariazone A/C service machine does its job. These machines allow service workshops to minimise labour costs for A/C system servicing. If the customer's system is faulty, the Ariazone machine will sound an alarm and pause for attention. If it is OK, the machine removes the refrigerant, weighs how much is removed, then pumps out and measures the oil. After vacuum testing for leaks, if all is OK, the same quantities of new oil and refrigerant are replaced, the processor prints out a report, then signals the job is complete.

Ariazone also supply the necessary parts and lubricants (compressor and vacuum pump oils) to keep the machines running smoothly.

## Beyond Expectation...



**1988**

### **Ariazone 2002**

First all in one machine worldwide, incorporating manifold technology capable of carrying out all the functions for servicing automotive A/C systems.



**1993**

### **Ariazone 4001**

First electronic fully automatic refrigerant processor worldwide, incorporating digital display, remote control and electronic oil injection.



**1997**

### **Ariazone 500-2**

First dual refrigerant (R12 & R134a) processor produced in Australia and Europe.



**2000**

### **Ariazone 4002**

First fully automatic electronic refrigerant processor, incorporating diagnostic with RF and PC interface.



**2006**

### **Ariazone 5001**

Fully Automatic refrigerant processor suitable for extreme ambient conditions (middle East, Australia, Singapore, Brasil...)



**2012**

### **Ariazone 6001**

Incorporates features not included in any machine in the world: all digital sensors and gauges, wireless RF temperature sensors and bluetooth communications with PC and mobile...





Australia



United Kingdom



The Netherlands



Singapore



Kazakhstan



Russia



Israel



Philippines



Aruba



Senegal



Sweden



Jordan



United Arab Emirates



Hong Kong



Serbia



### 601 HD



#### KEY FEATURES

- Built in suction and discharge gauges
- High capacity heat exchangers
- Large filter drier
- Large recovery pump with thermal overload
- Liquid control protection (recovers liquid and vapour)
- High pressure cut out
- Cooling fan and condenser for large refrigerant recovery
- Recovery complete cut out and indicator
- Self purge function
- Heavy duty steel construction coated for durability

#### SPECIFICATIONS

Recovery rate: 210 gram/min (liquid state)

Dimensions: Width = 23cm, Depth = 27cm, Height = 37cm

Shipping weight: 13.5kg

### 901 Automatic



#### KEY FEATURES

- Recovers and recycles refrigerant with pause function
- Monitors and displays the amount of refrigerant and compressor lubricant recovered
- Evacuates the A/C system with time and pause function
- Oil injection
- Electronically charges refrigerant with pause function
- Monitors A/C system working pressures
- Electronically monitors and displays equipment service intervals
- Displays the amount of refrigerant in cylinder
- Automatic (all in one) cycle
- Thermal printer for record keeping

#### SPECIFICATIONS

Refrigerant: R134a

Load cell: 60kg with 150% overload capacity

Recovery pump: TL5G Danfoss hermetic

Recovery rate: 220 g/min (liquid state)

Vacuum pump: 1 stage, 57 ltr (1.5 cfm)

Dimensions: Width = 440mm, Depth = 380mm, Height = 460mm

Weight: 29kg

Chassis: Sturdy powder coated steel

Supply voltage: 240v 50/60Hz

Power: 500 watts

Working Conditions: -10 to +55 c

Noise Level: < 70dB

Fuse: 10 amp 250 volt (slow blow type)



### 5001 HD Automatic



#### KEY FEATURES

- Monitors A/C system working pressure
- Recovers and recycles refrigerant with pause function
- Evacuates system with pause and timed function
- Oil and UV dye injection
- Electronically charges with high accuracy
- Automatic (all in one) cycle

#### SPECIFICATIONS

Chassis: Solid Steel construction powder coated  
 Cylinder storage: 27kg  
 Gauges: Low pressure -30 to 250 psi, High pressure 0 to 500 psi  
 Operating Temperature Range: 0-50 degrees Celsius  
 Recycling filter-drier: Solid core in line ¼ flare connection  
 0.122 L capacity  
 Recovery rate: 380 gram/min (liquid state)  
 Vacuum pump: 2 stage, 100 lit/min (3.5cfm) larger available on request  
 Service Hoses: 3 metre  
 Dimensions: Width = 62cm, Depth = 60cm, Height = 112cm  
 Shipping weight: 84kg

### 5001 FAHD - Database



#### KEY FEATURES

- Monitors A/C system working pressure
- Recovers and recycles refrigerant with pause function
- Electronically monitors and displays the amount of oil and refrigerant recovered
- Evacuates system with pause and timed function
- Electronic leak testing under vacuum
- Oil and UV dye injection
- Electronically charges with high accuracy
- Fully automatic (all in one) function
- Thermal printer for record keeping
- Upgradable database
- Refrigerant management and transfer function

#### SPECIFICATIONS

Chassis: Solid Steel construction powder coated  
 Cylinder storage: 27kg  
 Gauges: Low pressure -30 to 250 psi, High pressure 0 to 500 psi  
 Operating Temperature Range: 0-50 degrees Celsius  
 Recycling filter-drier: Solid core in line ¼ flare connection  
 0.122 L capacity  
 Recovery rate: 380 gram/min (liquid state)  
 Vacuum pump: 2 stage, 100 lit/min (3.5cfm) larger available on request  
 Service Hoses: 3 metre  
 Dimensions: Width = 62cm, Depth = 60cm, Height = 112cm  
 Shipping weight: 84kg

### 5001 FAHDF - Data & Flush



#### KEY FEATURES

- Monitors A/C system working pressure
- Recovers and recycles refrigerant with pause function
- Electronically monitors and displays the amount of oil and refrigerant recovered
- Evacuates system with pause and timed function
- Electronic leak testing under vacuum
- Oil and UV dye injection
- Electronically charges with high accuracy
- Fully automatic (all in one) function
- Thermal printer for record keeping
- Upgradable database
- Refrigerant management and transfer function
- **Integrated** flush function

#### SPECIFICATIONS

Refrigerant: R134a  
 Chassis: Solid Steel construction powder coated  
 Cylinder storage: 27kg  
 Gauges: Low pressure -30 to 250 psi, High pressure 0 to 500 psi  
 Operating Temperature Range: 0-50 degrees Celsius  
 Recycling filter-drier: Solid core in line ¼ flare connection  
 Recovery rate: 380 gram/min (liquid state)  
 Vacuum pump: 2 stage, 100 lit/min (3.5cfm)  
 Service Hoses: 3 metre  
 Dimensions: Width = 62cm, Depth = 60cm, Height = 112cm  
 Net weight: 85kg

### 5001 FAHD - Database (R134a OR R1234yf)



#### KEY FEATURES

- Monitors A/C system working pressure
- Recovers and recycles refrigerant with pause function
- Electronically monitors and displays the amount of oil and refrigerant recovered
- Evacuates system with pause and timed function
- Electronic leak testing under vacuum
- Oil and UV dye injection
- Electronically charges with high accuracy
- Fully automatic (all in one) function
- Thermal printer for record keeping
- Upgradable database
- Refrigerant management and transfer function

#### SPECIFICATIONS

Refrigerant: R134a OR R1234yf  
 Chassis: Solid Steel construction powder coated  
 Cylinder storage: 27kg  
 Gauges: Low pressure -30 to 250 psi, High pressure 0 to 500 psi  
 Operating Temperature Range: 0-50 degrees Celsius  
 Recycling filter-drier: Solid core in line ¼ flare connection  
 Recovery rate: 380 gram/min (liquid state)  
 Vacuum pump: 2 stage, Sparkless, 115 lit/min (4cfm)  
 Service Hoses: 2.2 metre  
 Dimensions: Width = 62cm, Depth = 60cm, Height = 112cm  
 Net weight: 85kg

### 5001FA (HFO-R1234yf-Data)



New 5001FA product dedicated HFO-R1234yf with new spark free internals, 5001FAHD Database combines simple operation with superior accuracy. It recovers, recycles, evacuates, leak test, and recharges quickly and accurately. Fully automatic function lets you recover, vacuum, leak test, oil and UV injection, charge and then walk away. Provides printed data.

#### SPECIFICATIONS

Refrigerant: R-1234yf, 27kg  
 Vacuum pump capacity: 115 l/min (4cfm) – Dual stage  
 Vacuum level: 20 microns  
 Refrigerant recovery rate: 0.40kg /min (liquid state)  
 Service hoses: 2.2m, R-1234yf quick couplers  
 Gauges: LP & HP - D 68 mm kl.1.0  
 Max. operating pressure: 22 bar  
 Number of filters: 3  
 Operating voltage: 220 – 240 VAC / 50-60Hz  
 Chassis: Sturdy all steel construction  
 Dimensions / Weight: 62 x 60 x 112 cm / 85kg  
 Approvals: CE  
 Service interval: Automatic indicator  
 Printer: 57mm thermal printer

### 5001 (HFO-R1234yf)



New 5001 basic model dedicated HFO-R1234yf with new spark free internals, Monitors a/c system working pressure, recovers, recycles, evacuates systems, oil and UV dye injection, Electronically monitors charges and service intervals. Complete with Automatic (all in one) cycle.

#### SPECIFICATIONS

Refrigerant: R-1234a, 27kg  
 Vacuum pump capacity: 115 l/min (4CFM) – Dual stage  
 Vacuum level: 20 microns  
 Refrigerant recovery rate: 0.4 kg /min (liquid state)  
 Service hoses: 3m, R-1234yf quick couplers  
 Gauges: LP & HP - D 68 mm kl.1.0  
 Max. operating pressure: 22 bar  
 Number of filters: 3  
 Operating voltage: 220 – 240 VAC / 50-60Hz  
 Chassis: Sturdy all steel construction  
 Dimensions: 62 (W) x 60 (D) x 112 cm (H)  
 Weight: 85 kg  
 Approvals: CE

### 8001 (BUS)



**Ariazone 8001 is a user-friendly tool specifically designed for servicing large (bus) air-conditioning systems.**

#### KEY FEATURES

- Monitors A/C system working pressure
- Recovers and recycles refrigerant with pause function
- Evacuates system with pause and timed function
- Oil and UV dye injection
- Electronically charges with high accuracy
- Thermal printer for record keeping

#### SPECIFICATIONS

Refrigerant	R-134a
Cylinder	40 kg
Vacuum pump capacity	170 l/min (6cf), Dual stage
Recovery pump	26cc, with liquid and thermal protection
Refrigerant recovery rate	1.2kg/min (liquid state)
Service hoses	3m, R134a quick couplers
Gauges	LP & HP - D 68 mm kl.1.0
Max. operating pressure	22 bar
Operating voltage	220-240VAC / 50-60Hz,
Chassis	Sturdy all steel construction
Dimensions	66 x 84 x 119 cm
Weight	166 kg
Approvals	CE
Service interval	Automatic indicator (100 working hours or once a year)

### 6001 R134A OR R1234YF



#### KEY FEATURES

**Suitable for current and future generation refrigerants**

- Model R134a
- Model R1234yf

**Fully automatic or manual function selection**

- The technician can select fully automatic or manual function
- Monitors A/C system working pressure
- Recovers and recycles refrigerant with pause function
- Electronically monitors and displays the amount of oil and refrigerant recovered
- Evacuates system with pause and timed function
- Electronic leak testing under vacuum
- Oil and UV dye injection
- Electronically charges with high accuracy
- Fully automatic (all in one) function
- Thermal printer for record keeping
- Upgradable database
- Refrigerant management and transfer function

**Smart flush (optional)**

- Pulsating flush function for easy removal of foreign material within the a/c system

**Supply voltage:** 220-240VAC/50Hz

**Dimensions:** 50 x 65 x 132cm (100cm with folded head)

**Weight:** 100kg



All lubricants are available in 1L, 5L, 10L and 20L quantities



- AA1 68cSt
- AA2 32cSt
- AA3 100cSt



- PL 68
- PL 32
- PL 100



Flush

### FEATURES & BENEFITS

- Non hygroscopic
- Low volatility and pour point
- Fully synthetic lubricants
- Compatible with all other lubricants
- Reduces compressor noise levels and energy use
- Compatible with R1234YF and hybrid vehicles
- Minimal oil carry over
- High temperature viscosity retention
- High degree of oxidation resistance
- A high quality, environmentally sound refrigerant oil
- Suitable for use with all types of refrigerants
- Extends equipment life and increases efficiency
- Improves heat transfer in the evaporator and condensing coils
- Increases capacities giving shorter run times for the same load

### A/C Nitrogen Test Kit



### FEATURES

- Cart for 10kg nitrogen cylinder
- Complete with pressure regulator which reduces the pressure from 150 bars to settable value from 5 to 30 bars
- Hose which connects outlet of the pressure regulator to small manifold with test gauge and hose with fast coupler which connects test manifold with the car
- Built to European standards

# ariazone

Automotive & Industrial Refrigerant Service Equipment

[www.ariazone.com](http://www.ariazone.com)

## Ariazone 5001 FAHDF (Data & Flush) is fast and efficient unit that makes servicing automotive air conditioning simple, precise and safe

*"Proven technology for many years. A workhorse with exemplary reliability of Ariazone, ease to use and maintain" - Ronald Viskil - Unicorn B.V.*

### 10 unique features



**Customized block manifold** with mini solenoid valves, integrated check valves and two one-way primary filters on both (recovery and charging) lines, protecting vehicle a/c system from dirt particles.



**Easy accessible oil containers** for oil and UV dye seal the contents from the ambient air. This protects hydroscopic refrigerant oil from humidity.



**Robust metal housing**, powder coated. Two handles are ergonomically located allowing the unit to be moved with less effort from the both sides (front & back). Rounded chassis cover corners prevent damage to vehicle.



**Fast and deep vacuum**, through a dual stage vacuum pump (100-170lit/min), large 4mm orifice solenoid valve and 3/8" vacuum hose. Silencing blocks on the vacuum pump keeps the running noise down.



**Electronic scale with protection against shock impact** from movement over rough surfaces. Uncovered refrigerant cylinder allows control on charging precision and low-cost refilling with new refrigerant.



**Only 6 buttons (4 arrows, start and stop)** for quick navigation for easy programming of all function and database access. Control panel and the gauges are at **optimum angle** for viewing during operation.



**Easy for use integrated flush function** for cleaning A/C systems with high flow rate liquid refrigerant (against the normal flow direction). Specially designed flush filter kit with sight glass.



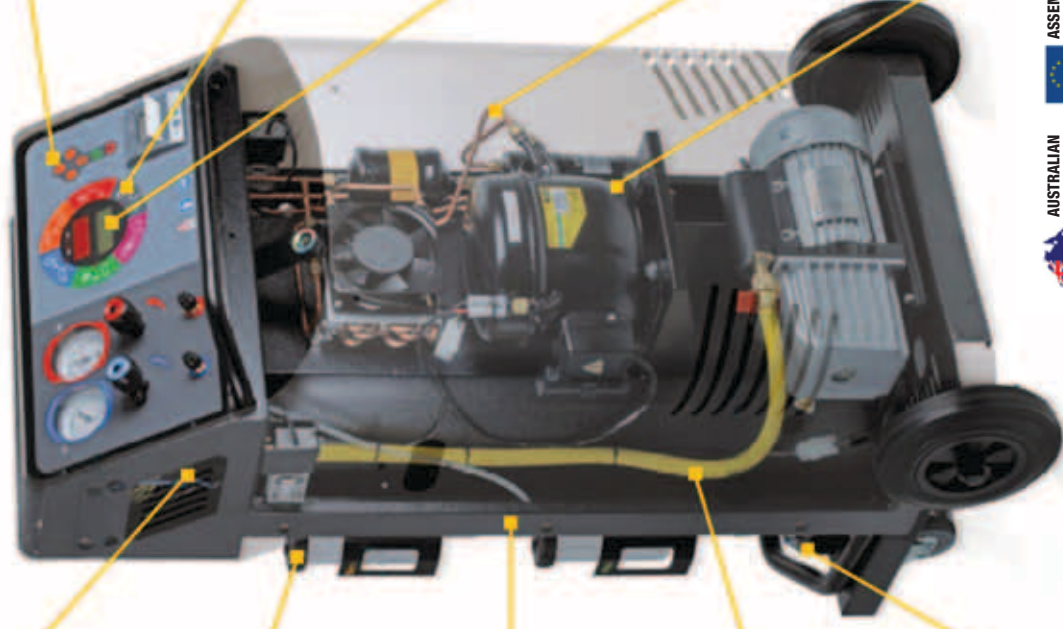
**The data base** contains the refrigerant charges and the oil types of **more than 1500 vehicles** (cars and trucks). Through PC software, the operator can update and customize the database.



**All copper tubes** with 1/4" SAE flare connections prevents leaking of refrigerant and oil. **Tidy and clean unit interior** for easy and fast maintenance.



**Heavy duty Danfoss (11-12cc)** compressor with thermal overload protection. Specially designed **oil separator** with sinter bronze filter inside for efficient oil separation from recovered refrigerant.



ASSEMBLED IN AUSTRALIA & EUROPE







# Ariazone 5001 (HD&FAHD)

Automotive Air Conditioning Service Station

Produced with High Quality Components



**Danfoss**

**Danfoss Compressors**  
Heavy duty compressors with thermal overload protection



**GOODYEAR**

**Refrigerant Hoses**  
Premium quality refrigerant oil resistant service hoses



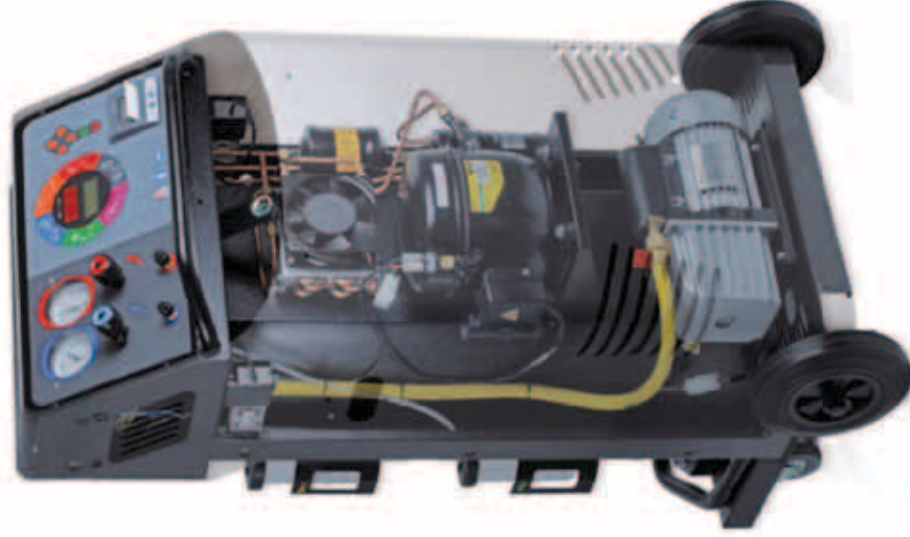
**Parker**

R134a Quick Connections



**AIGNEP**

Ball valves and hose fittings



**bürkert**

FLUID CONTROL SYSTEMS

**Solenoid Valves**  
High-quality modular design solenoid valves used for shut-off, filling and technical vacuum.



**VALUE**

**Vacuum pump**  
Two stage high performance vacuum pump



**GASFLASCHENwerk**  
The German manufacturer of welded steel cylinders



**JB Industries**

Brass fittings



**APS**

Thermal Printer



# ariazone®

Leaders in A/C Refrigerant Equipment & Lubricants

## NOW OFFERING ON SITE SERVICING

on your A/C Service Equipment in Melbourne and surrounding areas

As a market leader with over 40 years experience in Automotive Air Conditioning, Ariazone provides excellence in product and workmanship.

Ariazone carries a full range of spare parts.

All work performed by Fully Qualified technicians and using Genuine Components.

For further information and to book an onsite service,  
**contact us on (03) 9338 7522**



Distributed by

# ariazone®

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