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 —
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.

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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

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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
New 5001 FA 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

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
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**

<table>
<thead>
<tr>
<th>Refrigerant Recovery Rate</th>
<th>Cylinder</th>
<th>Vacuum Pump Capacity</th>
<th>Recovery Pump</th>
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<tr>
<td>R-134a</td>
<td>40 kg</td>
<td>170 l/min (6cf)</td>
<td>26 cc, Dual stage</td>
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<td>Service interval</td>
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<td>Automatic indicator</td>
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<td>(100 working hours or once a year)</td>
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8001 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

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 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” - Roald Vaski - 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 (100-17/0U/min), large 4mm orifice solenoid valve and 3/8” vacuum hose. Slicing 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 functions 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.
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

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