# Workshop Solutions One call for complete peace of mind

## AirCon – Future Perfect

### Garage Equipment, Tools, Training & Technology







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### National Service Support



# Providing on-site repair for Ecotechnics, Robinair and Brain Bee Air Conditioning Equipment

Autoclimate are now pleased to service and support the Robinair, Ecotechnics and Brain Bee range of air con machines.

All equipment supplied will be offered a professional installation along with onsite operator training to show correct and recommended use of the unit. With a national network of experienced, fully qualified field engineers providing on-site maintenance and repair services, there has never been a better solution for one stop purchasing and support of equipment. Also available is annual servicing of machines according to manufacturer recommendations and where required the issuing of calibration certificate for audit purposes.

#### Support via telephone

Although the majority of equipment related issues are resolved remotely, if this is not possible, an engineer visit will be arranged, with best endeavours to be onsite within 3 working days\*. Our engineers carry the fastest moving servicing and repair parts on their van stock, if not available, through our logistics network we will have the required parts on the customer's premises ready for the when the engineer attends site – helping to minimise machines downtime as much as possible.



- Autoclimate the UK's only approved Robinair, Ecotechnics and Brain Bee repairer
- Full UK coverage
- Response time best endeavours within 3 working days
- All work controlled by hand-held tablets
- No return to base requirement\* all repairs carried out on site
- All engineers hold the latest refrigerant handling qualification
- City & Guilds 7543-001

- Engineers fully trained to work on all Robinair, Ecotechnics and Brain Bee equipment
- Engineers receive regular updates on latest products and safety standards
- Full compliance to legislative standards
- Calibration certificates available upon request e.g. to comply with Quality Management and PAS125 system audits
- Autoclimate only uses genuine OE parts for repair.

### Training / Assessments / Legislation



#### Latest developments

From 1st January 2015, F-gas Regulation EU 517/2014 replaces Regulation EC 842/2006. There is now a legal responsibility on both the BUYER and SELLER of F-Gas. Customers purchasing R134A will now be required to provide the following details on letter headed paper:

- Employee Name
- Awarding Body & Qualification Name
- Certificate Number

The onus will be on the supplier to request the information and hold details of the qualification along with the certificate number before releasing the goods. Do not be surprised if you are asked for this information when ordering!

N.B. Existing certificates previously issued in accordance with the 2006 EU F-Gas Regulation remain valid, in accordance with the conditions under which they were originally issued.

#### **Operator Training**

The majority of Air Conditioning machines supplied will come with operator training or where required refresher operator training can be carried out. Up to 6 technicians can be trained in a single session of about 2 hour's duration covering:

- Refrigerant recovery
- System vacuum
- Gas Re-charge

At the end of the session, technicians can be issued with a certificate to confirm they are able to operate the specific refrigerant management station in a safe and environmentally friendly manner.

#### **Refrigerant Handling Certification**

As a market leader in automotive air conditioning, responsibilities on compliance and legislative requirements are taken very seriously. With its wide ranging knowledge and expertise, Autoclimate was selected by the Retail Motor Industry (RMIF) to provide expert input throughout the DEFRA consultation process that ultimately shaped the implementation of the F-Gas regulations. As a consequence of this, the company is uniquely qualified to provide refrigerant handling certification to its customers.

PLEASE NOTE: It is a legal requirement that technicians working with the recovery of refrigerants, from a vehicle, must hold a recognised national qualification.

We offer the City and Guilds 7543-001 lifetime qualification.



### HFO-1234YF The new refrigerant

The introduction of HFO-1234yf is a very significant development in automotive air conditioning. In the initial introduction of HFO-1234yf, production was limited and this led to only a number of models being produced. It is estimated today that more than 50 vehicle model types have HFO-1234yf within their air conditioning system with many more due for release in 2016.

From 1st January 2017 every vehicle manufactured with air conditioning must use a refrigerant with a Global Warming Potential of less than 150. The vehicle manufacturers choice is HFO-1234yf.

Given the company's unique standing in the UK AC servicing market Autoclimate is maintaining close contact with the VMs and equipment suppliers in order to exchange information about the latest developments which we can share with our customers.

#### Production

- Vehicles (categories M1 and N1) receiving type approval from January 1st 2011 must use a refrigerant with a GWP (Global Warming Potential) of less than 150. The current refrigerant HFC R-134a does not meet this requirement. However, due to manufacturing issues the MAC Directive this was suspended until the end of 2012.
- All new vehicles (all categories) produced from January 1st 2017 must use a refrigerant with a GWP of less than 150.
- The initial global production of HFO-1234yf will only be sufficient to supply VMs production requirements.
- Further production is scheduled to come on stream during 2015.

#### About HFO-1234yf

- Developed and manufactured jointly by DuPont and Honeywell
- Has a Global Warming Potential (GWP) of just 4, the maximum is 150
- The performance characteristics are very similar to HFC R-134a
- Classed as a flammable refrigerant, albeit mildly. HFC R-134a is not flammable
- Lifespan if released to atmosphere is 11 days. HFC R-134a is 13 years
- The price will be higher than that of HFC R-134a, at least initially

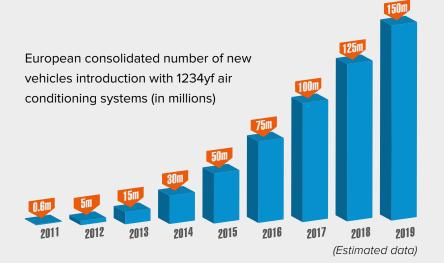
#### FAQ's

**Q.** "We are a franchise dealer. If a vehicle with HFO-1234yf experiences an AC fault, what should we do if we have yet to purchase a suitable AC machine?"

**A.** Please ask the vehicle manufacturer for their advice and also contact us for the latest technical information. With more vehicle manufacturer relationships and approvals than any other UK-based RMS supplier, Autoclimate is actively supporting the introduction of HFO-1234yf.

**Q.** "I am an accident repairer. What if I have to repair a vehicle with HFO-1234yf?"

**A.** As things stand, we believe that the chances of you seeing such a vehicle during 2012 and 2013 are low, given the number of known model introductions. Our advice is, that given that both the gas and a compatible AC machine will be required; such repairs should be managed in co- operation with the appropriate franchise dealer, although if required we can supply a suitable AC machine.



### Service support packages for complete peace of mind

We want you to get the very best value out of your investment so, when you buy an aircon machine from Euro Car Parts we don't just deliver it, we install it, test it and train one of your team to operate it properly; it's all part of the service.

Every new aircon machine from Euro Car Parts comes with a one-year manufacturer's warranty but when you make an investment in an expensive piece of kit you want to know that it will do the job you expect of it for many years to come. That's why we've introduced two great new servicing options for complete peace of mind. And the great news is they're not just available on all new aircon machines; if your existing machine purchased from Euro Car parts is less than 12 months old, there's still time for you take advantage of these great deals.

You recommend your customers to have their car serviced regularly, so it makes sense to service the kit you use too. Take out a service contract with Autoclimate and you'll get much more than you bargained for:

### Autoclimate Plus – Just £49.99 + VAT per month over 5 years



**SERVICING:** We'll service your machine each and every year of your service contract. (Worth £1375 + VAT) We'll keep record of your services and we'll notify you when the next one is due, so you don't have to worry about a thing. But that's not all.....

**WARRANTY:** We'll extend your machine's warranty for the 5-years of the service contract so that, with the exception of general wear and tear items\*, you're covered if anything unexpected goes wrong. We'll fix your machine and get it back to full working order at no additional cost to you.

**F-GAS ASSESSMENT:** We'll assess up to five people (worth £1,000 + VAT) as part of the Autoclimate Plus package it's a legal requirement, so why not tie it all into one simple contract?

**BREAKDOWNS:** We know how important it is to have a fully operational air conditioning machine. Our team of regional engineers will move heaven and earth to be on site, with you, within 2 working days<sup>\*\*</sup>.

**AUTOCAT AIR CONDITIONING TECHNICAL CD:** As an added benefit you'll receive an official copy of the latest Autocat Air Conditioning Technical CD.

**SOFTWARE UPDATES:** Every time we service your machine we'll make sure you get all the latest software updates (where applicable to the AC machine).

**TELEPHONE SUPPORT:** Autoclimate has a technical support team just a phone call away. In most cases they can resolve problems over the phone but if the problem's a bit bigger they'll arrange for an engineer to visit.

**TRAINED ENGINEERS:** Without exception, our engineers are fully trained to work on all air conditioning machines supplied by Euro Car Parts and they receive regular updates on the latest products and safety standards. And, as you'd expect, they all hold the latest refrigerant handling qualification (C&G 7543-001)

**OE PARTS:** We keep a full range of OE spares in stock, so when we diagnose a problem over the phone, we can send the parts to your site before our engineer arrives; that way your machine is out of action for the minimum possible time.



### 5-Year warranty (subject to a £275 + VAT yearly service)

We'll service your machine each and every year of your service contract. We'll keep record of your services and we'll notify you when the next one is due, so you don't have to worry about a thing. But that's not all.....

WARRANTY: We'll extend your machine's warranty for the 5-years of the service contract so that, with the exception of general wear and tear\*, you're covered if anything unexpected goes wrong. We'll fix your machine and get it back to full working order at no additional cost to you. SOFTWARE UPDATES: Every time we service your machine we'll make sure you get all the latest software updates (where applicable to the AC machine). **TELEPHONE SUPPORT** Autoclimate has a technical support team just a phone call away. In most cases they can resolve problems over the phone but if the problem's a bit bigger they'll arrange for an engineer to visit.

**BREAKDOWNS**: We know how important it is to have a fully operational air conditioning machine. Our team of regional engineers will move heaven and earth to be on site, with you, within 3 working days.

<sup>\*</sup>General wear and tear items are: Hoses, Seals, Couplers, Rear Wheels, Front castors, Panel Valve Knobs, Fuses, Oil Bottles and fittings \*\*Working hours are Monday to Friday 8.30am to 6.00pm, excluding local Bank Holidays

All services are contingent upon the service contract being maintained through regular monthly direct debit payments, as detailed in the original service agreement



### ECK 1800 251 77 0850

#### STANDARD FEATURES

- Fully automatic
- High precision
- Refrigerant management giving usage report and archive
- Automatic leak check during vacuum phase
- Database for quick gas selection also allows to add new vehicle models
- Thermal printer inbuilt
- Bottle heater

- Automatic dye injection
- Refillable oil and dye containers

#### TECHNICAL DATA

- 72 l/min. vacuum pump
- 12 I tank
- Compressor 1/3 hp
- 3 meter service hoses
- Refrigerant R134a

### £**1,450**.99



### Brain Bee Clima 6000 Plus 251 77 0980

- Extremely versatile, compact in size and lightweight
- Maintenance parts are easily reachable and accessible by non-experts/technicians, therefore minimising
- the machine downtime costs.
- Patented Heater Lock, Eco Lock
   and Long Life Pump
- Flush prepared with optional kit

- Nitrogen Leak Test with optional kit
- All components and manufacturing are exclusively of European origin
- Option of being able to be integrated with Agricultural & Work Vehicles
- Multipass capable, enabling additional closed circuit filtering of the recovered cooling fluid





### **Robinair AC 595 PRO-UK** 251 77 0710

The AC595PRO is an automatic refrigerant management station. It automatically controls the recovery, recycling, vacuum and recharging process for oil, dye and refrigerant. As an entry-level machine, the AC595PRO is simple and time efficient to use.

- Cabinet In atable rear tyres, front castors
- Refrigerant tank 10 kg
- Oil: 2x250 ml plus spare bottle
- High performance dry filter: 300 cc Hermetic compressor 1/4 hp 9 cc
- Hoses 2.5 m standard
- Working environment 10-50°C

- Condenser Fan-cooled
- Max operating pressure 16 bar
- Recharging scale precision +/- 5 gm
- Vacuum pump 2 stage 70 l/min.,
  2.5 cfm
- Modes: Automatic/Manual
- Integral printer



We've also introduced two great new service options for complete peace of mind. And the great news is they're not just available on all new aircon machines; if your existing machine purchased from Euro Car parts is less than 12 months old, there's still time for you take advantage of these great deals.



#### See page 5 for more details on Autoclimate Plus and the 5 year warranty service contract

AC Machine Specifications	ECK1800	6000 PLUS	AC 595 PRO
Refrigerant	R134a	R134a	R134a
Refrigerant tank	12	7,6	8
Recovery rate	0.94		<95%
Filling accuracy	10g +/-	10g +/-	10g +/-
Compressor	1/3 hp	1/4 hp	1/4 hp
Recovery quantity	300 g/min.	200 g/min.	300 g/min.
Vacuum Pump	72 l/min.	140 l/min.	70 l/min.
Function procedure	Automatic/Manual	Automatic/Manual	Automatic/Manual
Automatic service alarm	•	•	•
Additional ventilation			
Automatic Taps		•	Manual
Automatic Oil injection	•	● – Temp.	•
Automatic Dye injection	•	0	•
Automatic leak check	•		•
Automatic air discharge			•
Standard oil container UV	•	•	•
Refillable & hermetic oil cont. HR			
Hermetic oil containers HD			
HFO Upgradable			
Display	Alpha Numeric	Alpha Numeric	Alpha Numeric
Database	•	•	•
Refrigerant Management	•		
Pressure Gauge	80 mm	80 mm	80 mm
Status light			
Hoses	3 m	3 m	2,45 m
Vacuum Sensor high precision			
RS232 Port	•	•	•
USB port	•		
Hybrid Function (real hose flushing)		0	
Hybrid Function (basic)			
Nitrogen leak check			
"Puff Free" quick couplers			
External Gas identifier			
New Saniflux EXTERNAL			
Dynamic Diagnosis			
Static Diagnosis			
Flushing Kit	0	0	0
Tank Heather	•		•
Printer	•	0	•
Certification	CE/PED	PED	CE



### ECK 3500-UP 251 77 0840

- 5" Colour display with icons for easy use
- Automatic taps, no more manual valves
- Automatic leak check during vacuum phase
- No-refillable containers, or fillers the advantage of eliminating contact with humidity
- USB port for easy data access

- Database for quick gas selection also allows to add new vehicle models
- Compatible with hybrid and electric vehicles with electric compressors
- Nitrogen leak testing (nitrogen bottle & regulator not included)
- Integrated diagnostics of electro mechanical problems with printout





### Robinair AC 690 PRO 251 77 0900

The AC690PRO is a fully automatic refrigerant management station with complete 'programme and walk-away' capability. It automatically controls the recovery, recycling, vacuum and re-charging process for oil, dye and refrigerant. The AC690PRO has an extensive, integrated vehicle database, user database, built-in vehicle-specific diagnostics facility and integral printer.

- Cabinet: Inflatable rear tyres, front castors
- Refrigerant tank: 10 kg
- Oil: 2x250 ml plus spare bottle
- High performance dry filter: 300 cc
- Hermetic compressor: 1/4 hp 9 cc
- Hoses: 2.5 m standard
- Working environment: 10-50°C Condenser: Fan-cooled
- Max operating pressure: 16 bar





### Brain Bee Multigas 9000 251 77 1010

- Delivers accuracy, flexibility, performance and efficiency
- Large storage capacity and great recovery with 10 m<sup>3</sup>/h vacuum pump and 14 cc compressor
- Added bene ts of patented
- Eco Locks and Long Life Pump
- Fully automatic system of selecting Hybrid function
- Opel/Vauxhall OE software limits
- Flush prepared with optional kit

- Nitrogen Leak Test with optional kit
- All components and manufacturing are exclusively of European origin
- Option of being able to be integrated with Agricultural & Work Vehicles
- Multipass capable, enabling additional closed circuit filtering of the recovered cooling fluid
- Refrigerant 1234 Identifier
   with optional kit



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#### See page 5 for more details on Autoclimate Plus and the 5 year warranty service contract

AC Machine Specifications	ECK3500-UP	AC690 PRO	9000 PLUS
Refrigerant	R134a	R134a	R134a
Refrigerant tank	22	201	26
Recovery rate	0.95	<95%	
Filling accuracy	10g +/-	10g +/-	10g +/-
Compressor	1/3 hp	3/8 hp	1/3 hp
Recovery quantity	300 g/min.	300 g/min.	350 g/min.
Vacuum Pump	100 l/min.	170 l/min.	180 l/min.
Function procedure	Automatic/Manual	Automatic/Manual	Automatic/Manual
Automatic service alarm	•	•	•
Additional ventilation			
Automatic Taps	•	Manual	•
Automatic Oil injection	•	•	•
Automatic Dye injection	•	•	•
Automatic leak check	•	•	•
Automatic air discharge	•	•	•
Standard oil container UV		•	
Refillable & hermetic oil cont. HR			
Hermetic oil containers HD	•		•
HFO Upgradable	22		
Display	5" Color	Alpha Numeric	Touch Screen 4,3"
Database	•	•	•
Refrigerant Management	•		
Pressure Gauge	80 mm	80 mm	Digital
Status light			
Hoses	3 m	2,45 m	4,5 m
Vacuum Sensor high precision			
RS232 Port		•	•
USB port	•		•
Hybrid Function (real hose flushing)	•		0
Hybrid Function (basic)			
Nitrogen leak check	•		0
"Puff Free" quick couplers			
External Gas identifier	0		0
New Saniflux EXTERNAL	0		
Dynamic Diagnosis	0		
Static Diagnosis	•		
Flushing Kit	0	0	0
Tank Heather	•	•	•
Printer	•	•	•
Certification	CE/PED	CE	PED



### Brain Bee Clima 6000 ECO 251 77 1080

### Automatic AC Machine with Printer HFO1234YF

- Extremely versatile, compact in size and lightweight
- Maintenance parts are easily reachable and accessible by non-experts/technicians, therefore minimising the machine downtime costs.
- Patented Heater Lock, Eco Lock
   and Long Life Pump
- Flush prepared with optional kit
- Nitrogen Leak Test with optional kit
- All components and manufacturing are exclusively of European origin







#### STANDARD FEATURES

- Fully automatic cycle
- High precision
- Refrigerant management giving usage report and archive
- Automatic leak check during vacuum phase
- Database for quick gas selection also allows to add new vehicle models
- Thermal printer inbuilt
- Bottle heater

- Automatic dye injection
- Refillable containers

#### **TECHNICAL DATA**

- 100 l/min. vacuum pump
- 12 I tank
- Compressor 1/3 hp
- Hoses 3 m
- Type refrigerant: HFO1234YF





### Robinair AC 1234-3P 251 77 0910

The AC1234-3 is a semi-automatic refrigerant management station. It automatically controls the recovery, vacuum and recharging processes for refrigerant, as well as filtering the recovered refrigerant. The AC1234-3 has an integral printer and built in vehicle database.

- Power supply: 220-240V AC, 50Hz Refrigerant: HFO1234yf
- Cabinet: Inflatable rear tyres, front castors
- Refrigerant tank: 10 kg
- Oil: 2x250 ml plus spare bottle
- High performance dry filter: 700 cc Hermetic compressor: 1/3 hp
- Hoses: 2.5 m standard

- Working environment: 10-50°C
- Max operating pressure: 16 bar, 232 psi
- Recharging scale precision: +/- 5 gm
- Vacuum pump: 2 stage 170 l/min., 6.5 cfm
- Modes: Manual/Automatic
- Integral printer: Yes



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#### See page 5 for more details on Autoclimate Plus and the 5 year warranty service contract

AC Machine Specifications	6000 ECO1234	ECK1800-HFO	AC1234-3
Refrigerant	HFO-1234yf	HFO-1234yf	HFO-1234yf
Refrigerant tank	12	12	8 kg
Recovery rate		0.94	0.95
Filling accuracy	10g +/-	10g +/-	10g +/-
Compressor	1/4 hp	1/3 hp	1/4 hp
Recovery quantity	200 g/min.	300 g/min.	300 g/min.
Vacuum Pump	140 l/min.	100 l/min.	71 l/min. (3 cfm)
Function procedure	Automatic/Manual	Automatic/Manual	Automatic/Manual
Automatic service alarm	•	•	•
Additional ventilation			•
Automatic Taps	•		Manual
Automatic Oil injection	● – Temp.	•	● – Temp.
Automatic Dye injection	0	•	
Automatic leak check		•	•
Automatic air discharge	•		•
Standard oil container UV	•	•	•
Refillable & hermetic oil cont. HR			
Hermetic oil containers HD			
HFO Upgradable			
Display	Alpha Numeric	Alpha Numeric	160x120 Monocromati
Database	•	•	•
Refrigerant Management		•	
Pressure Gauge	80 mm	80 mm	63 mm
Status light			•
Hoses	3 m	3 m	2,45 m
Vacuum Sensor high precision			
RS232 Port		•	
USB port	•	•	•
Hybrid Function (real hose flushing)	0		•
Hybrid Function (basic)			
Nitrogen leak check			
"Puff Free" quick couplers			
External Gas identifier	0		0
New Saniflux EXTERNAL			
Dynamic Diagnosis			
Static Diagnosis			
Flushing Kit	0	0	0
Tank Heather	•	•	•
Printer	0	•	0
Certification	PED	CE/PED	CE-TUV

O – Optional; ● – Standard



### ECK 3500 HFO 251 77 0880

- Refrigerant management giving usage report and archive
- USB port for easy data access
- Database for quick gas selection also allows to add new vehicle models
- Compatible with hybrid and electric vehicles with electric compressors
- Nitrogen leak testing (nitrogen bottle & regulator not included)

- 5" Colour display with icons for easy use
- Automatic taps, no more manual valves
- Automatic leak check during vacuum phase
- High precision
- Automatic air purge
- Thermal printer inbuilt





### Robinair AC 690 PRO yf 251 77 2050

The AC690PRO is a fully automatic refrigerant management station with complete 'programme and walk-away' capability. It automatically controls the recovery, recycling, vacuum and re-charging process for oil, dye and refrigerant. The AC690PRO has an extensive, integrated vehicle database, user database, built-in vehicle-specific diagnostics facility and integral printer.

- Cabinet: solid rear tyres, front castors
- Oil: 2x250 ml plus spare bottle
- High performance dry filter: 300 cc
- Hermetic compressor: 1/4hp 9 cc
- Hoses: 2.5m standard
- Working environment: 10-50°C

- Max operating pressure: 16 bar
- Recharging scale precision: +/- 5 gm
- Vacuum pump: 2 stage 70 l/min., 2.5 cfm
- Modes: Automatic/Manual
- Integral printer: Yes





### Brain Bee Clima 1234 HO 251 77 1030

- Designed and homologated to meet the exacting standards of the vehicle manufacturers
- Hybrid Function with optional kit, this function makes it easier to completely replace the residual oil in the station, with a view to preventing contamination between oils used on traditional vehicles and oils specific for hybrid or electric vehicles
- Flush prepared with optional kit
- All components and manufacturing are exclusively of European origin
- Refrigerant 1234 Identifier
- Meets VDA compliant standards
- Added benefits of the patented Volumetric Injection, Eco Locks and Long Life Pump



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#### See page 5 for more details on Autoclimate Plus and the 5 year warranty service contract

AC Machine Specifications	ECK3500-HFO	AC690 PROyf	CLIMA 1234 HO
Refrigerant	HFO-1234yf	HFO-1234yf	HFO-1234yf
Refrigerant tank	12	20	26
Recovery rate	0.95	<95%	
Filling accuracy	10g +/-	10g +/-	10g +/-
Compressor	1/3 hp	1/4 hp	1/3 hp
Recovery quantity	300 g/min.	300 g/min.	350 g/min.
Vacuum Pump	100 l/min.	170 l/min.	100 L/min.
Function procedure	Automatic/Manual	Automatic/Manual	Automatic/Manual
Automatic service alarm	•	•	•
Additional ventilation			•
Automatic Taps	•	Manual	•
Automatic Oil injection	•	•	•
Automatic Dye injection	•	•	•
Automatic leak check	•	•	•
Automatic air discharge	•	•	•
Standard oil container UV		•	
Refillable & hermetic oil cont. HR			
Hermetic oil containers HD	•		•
HFO Upgradable	22		
Display	5" Color	Graphic Display 160x120	Touch Screen 4,3"
Database	•	•	•
Refrigerant Management	•		
Pressure Gauge	80 mm	63 mm	80 mm
Status light			
Hoses	3 m	3 m	4,5 m
Vacuum Sensor high precision			
RS232 Port			•
USB port	•	•	•
Hybrid Function (real hose flushing)	•	•	0
Hybrid Function (basic)			
Nitrogen leak check	•		
"Puff Free" quick couplers			•
External Gas identifier	0	0	0
New Saniflux EXTERNAL	0		
Dynamic Diagnosis			
Static Diagnosis			
Flushing Kit	0	0	0
Tank Heather	•	•	•
Printer	•	•	•
Certification	CE/PED	CE	PED
Q – Optional: ● – Standard			

O – Optional; ● – Standard



### Robinair 1234 YF-7 251 77 0740

- Refrigerant management giving usage report and archive
- USB port for easy data access
- Database for quick gas selection also allows to add new vehicle models
- Compatible with hybrid and electric vehicles with electric compressors
- Nitrogen leak testing (nitrogen bottle & regulator not included)

- 5" Colour display with icons for easy use
- Automatic taps, no more manual valves
- Automatic leak check during vacuum phase
- High precision
- Automatic air purge
- Thermal printer inbuilt





### Robinair 1234 YF-8 251 77 0750

The AC1234-8 is an automatic refrigerant management station with complete 'programme and walk-away' capability. It automatically controls the recovery, vacuum and recharging processes for oil, UV dye and refrigerant, as well as filtering the recovered refrigerant. The AC1234-8 has a built-in refrigerant identifier, and an integral printer.

- Power supply: 220-240v AC, 50 Hz
- Refrigerant: HFO-1234yf
- Weight: 67 kg
- Dimensions: 107x76x61 cm
- Oil injection: 360 ml bottle
- Oil drain: 355 ml bottle
- Hoses: 2.5 m standard

### ECK TWIN-PRO 251 77 0820

- 2 Separated circuits for different gasses
- Large 7" touch screen, colour display with icons for easy use
- Automatic taps, no more manual valves
- Fully automatic cycle
- High precision
- Automatic leak check during vacuum phase
- Automatic air purge

- Working environment: 10-50°C
- Max operating pressure: 16 bar, 232 psi
- Recharging scale precision: +/- 15 gm
- Vacuum pump: 2 stage 70 l/min 2.5 cfm
- Integral printer: Yes





Refrigerant management giving

• Thermal printer inbuilt

- usage report and archive
- USB port for easy data access
- Database for quick gas selection also allows to add new vehicle models
- Compatible with hybrid and electric vehicles with electric compressors



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#### See page 5 for more details on Autoclimate Plus and the 5 year warranty service contract

AC Machine Specifications	AC1234-7	AC1234-8	ECK TWIN PRO
Refrigerant	HFO-1234yf	HFO-1234yf	R34a-HFO1234yf
Refrigerant tank	9.09 kg	9.09 kg	2x12
Recovery rate	0.95	0.95	0.95
Filling accuracy	10g +/-	10g +/-	10g +/-
Compressor	3/8 hp	3/8 hp	1/3 hp
Recovery quantity	300 g/min.	300 g/min.	300 g/min.
Vacuum Pump	170 l/min. (6 cfm)	170 l/min. (6 cfm)	100 l/min.
Function procedure	Automatic/Manual	Automatic/Manual	Automatic/Manual
Automatic service alarm	•	•	•
Additional ventilation	•	•	•
Automatic Taps	•	•	•
Automatic Oil injection	•	•	•
Automatic Dye injection	•	•	•
Automatic leak check	•	•	•
Automatic air discharge	•	•	•
Standard oil container UV	•	•	
Refillable & hermetic oil cont. HR	•	•	•
Hermetic oil containers HD			
HFO Upgradable			
Display	5,7" TFT ¼VGA	5,7" TFT ¼VGA	7" Touch
Database	•	•	•
Refrigerant Management			•
Pressure Gauge	80 mm	80 mm	4x80 mm
Status light	•	•	•
Hoses	2,45 m	2,45 m	3m
Vacuum Sensor high precision			
RS232 Port			•
USB port	•	•	•
Hybrid Function (real hose flushing)	•	•	•
Hybrid Function (basic)			
Nitrogen leak check			•
"Puff Free" quick couplers			•
External Gas identifier	0	● – Internal	0
New Saniflux EXTERNAL			0
Dynamic Diagnosis			
Static Diagnosis			
Flushing Kit	0	0	0
Tank Heather	•	•	•
Printer	•	•	•
Certification	CE-TUV	CE-TUV	CE/PED

O – Optional; ● – Standard





## AirCon Gas 0% Interest until September 2016

All credit is subject to status and may be refused. This offer is valid until 30th May 2016. Euro Car Part reserve the right to withdraw credit at any time. Maximum Credit allowances apply; contact your branch for details. All products purchased on Buy Now Pay Later schemes are non returnable. Offers available to trade customers only.