

A blue-tinted photograph of a male technician wearing safety glasses and a work shirt, leaning over the engine compartment of a vehicle. To his right is a large, grey Waeco service unit with the brand name visible on its side. The background is a blurred workshop environment.

# WAECO

# WORKSHOP EQUIPMENT

A/C SERVICE UNITS | TOOLS | CONSUMABLES | ACCESSORIES  
FOR R1234yf | R134a | R513A | R456A | R744

2025

# WAECO

## THE WAECO BRAND

THE WAECO BRAND PROMISE IS TO MAKE DAILY WORK IN A/C MAINTAINANCE AND REPAIRS EASIER, SAFER, MORE PROFITABLE AND MORE ENVIRONMENTALLY FRIENDLY

- Single source A/C workshop equipment
- Fully automatic A/C service units for cars, buses and commercial vehicles
- Professional accessories for leak detection
- Environmentally friendly solutions for A/C cleaning and disinfection
- Precise measuring instruments and practical workshop kits
- Compressor oils, leak detection oils, refrigerants and other consumables
- Original replacement parts for vehicle A/C (WAECO AirCon Parts)



### IMPROVE SUSTAINABILITY NOW

Low Emission A/C service units save costs and protect the environment.

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### FOLLOW US



NEWS 2025



NEW! THE WAECO ASC 7 SERIES WITH A COMPLETELY NEW DESIGN!

- ALL-IN-VIEW DISPLAY
  - 10" LCD DISPLAY
  - INTEGRATED STATUS BAR
- 4 PORTS FOR COMPRESSOR OILS / UV
  - INTEGRATED WIFI CONNECTION
  - CERTIFIED FOR R1234YF | R134A | R456A | R513A

NEWS 2025

WAECO 3000 LEAK DETECTOR

Take automotive leak detection to the next level. Identifies all FC- and CFC-based refrigerants and blends (e.g. R134a, R1234yf, R456A, R513A or R744).



See page 54

WAECO MULTIGAS LEAK DETECTOR

Reliable leak detection suitable for forming gas. With 3 sensitivity levels. Simple operation that allows for easy, repeatable gas detection.



See page 54

WAECO POLYREACTGUARD S

Protect your equipment!  
Filters polymer from the extracted refrigerant before it enters the A/C device.



See page 36

WAECO FORMING GAS PRESSURE REDUCER 90 BAR

for R744 application.



See page 52

WAECO AIRCON PARTS

WAECO has been known as the specialist in AirCon solutions for all kinds of vehicles for over 40 years.

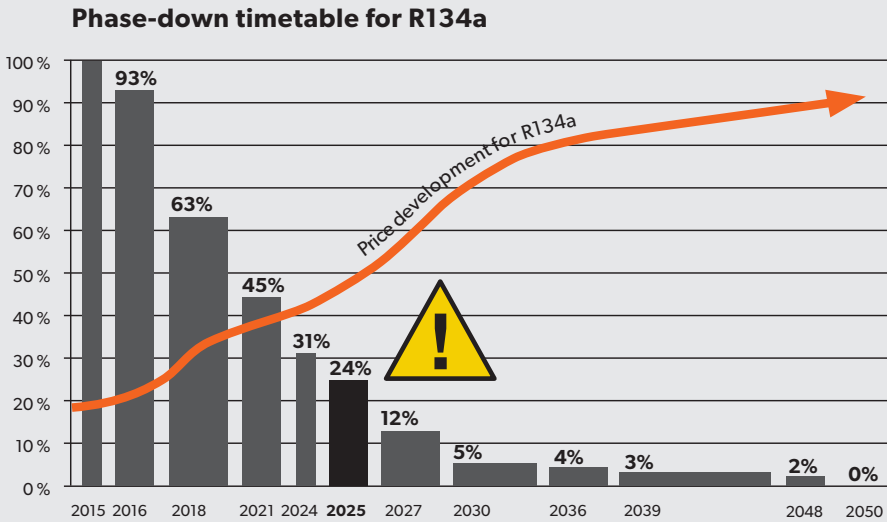


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FURTHER REDUCTION OF R134A QUOTAS

Due to the F-gas regulation of the EU, the approved R134a import quantities will be further reduced with the beginning of the year 2025. They will only amount to 24% of the original quantity from 2015.

Invest now in a Low Emission A/C service unit to avoid service losses and save refrigerant.



# A/C SERVICE UNITS & ACCESSORIES



# ASC A/C SERVICE UNITS

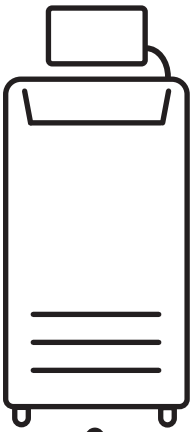
## THE COOLEST COLOUR IN 2025 IS BLACK

A/C servicing in a professional workshop is practically unthinkable without a modern, fully automatic service unit. - With the start of the 2025 air conditioning season, we are launching our new ASC7 series, which, like its predecessors, is certified for 4 refrigerants. Welcome the new members of our ASC family!

Nevertheless, we will also keep the well-known ASC6100G for those customers who do A/C servicing less often. And we will keep the “all-round carefree” ASC 5500G RPA (only for use with R1234yf).

The base unit needs to be combined with one of the hose kit's. When putting the unit in operation for the first time, you have to specify which refrigerant the unit will be used from now on.

**PLEASE NOTE:** Due to legislation and security reasons it is not permitted to exchange hose sets for the use with various refrigerants. This is why you can lay down this specification only once.



### STEP 1

**Choose service unit**  
The new ASC 7-series and ASC 6100G from WAECO have a quadruple certification for R134a, R1234yf, R513A and R456A. You can choose between all models, regardless of which refrigerant you want to use them for.

### STEP 2

**Choose connection kit**  
The choice of the connection kit depends on the type of refrigerant in the A/C system. You can also choose between different hose lengths: 3, 5 or 8 m. In a busy workshop longer hoses are an advantage, as the aircon service can be done while the car is lifted for other service jobs.

R134a R513A/R456A

**Connection Kit**  
car/truck/agricultural  
3 m | 5 m | 8 m

R1234yf

**Connection Kit**  
car/truck/agricultural  
3 m | 5 m | 8 m

R134a R513A/R456A

**Connection Kit bus**  
(POE oil)  
8 m

## A/C SERVICE UNITS OVERVIEW

**ASC 7.3**  
Classic model for professionals



12

**ASC 7.4**  
High-volume version for large refrigerant amounts



14

**ASC 6100 G**  
Universal entry-level model



18-19

**ASC 7.3 LE**  
Classic model for professionals



13

**ASC 7.4 LE**  
Highly efficient Low Emission unit for large refrigerant amounts



15

**ASC 5500 G RPA 2020**  
Designed for highest demands on safety and efficiency



20-21

### COMING SOON!

**ASC 7.744**  
Service unit for A/C operating with CO<sub>2</sub>



**CO<sub>2</sub> Upgrade Kit**  
Smart service kit for A/C operating with R744



22-23

**Service Equipment**  
for mobile A/C service on the spot



24-25

## CUSTOM MODELS

### NO PROBLEM FOR EUROPE'S LEADING MANUFACTURER!

In addition to the standard models presented in this catalogue, we also create customised A/C service units – e.g. for the authorised workshops of leading automotive manufacturers like e.g. Volkswagen and for other customers. Please contact us if you are interested in a device customised for your own workshop brand.



# WELCOME TO THE NEW ASC 7-SERIES!

MANY SMART FEATURES THAT WILL IMPRESS YOU



## WELCOME ASC 7! GET TO KNOW US BETTER!

The new models come in a completely new design. A new characteristic is the “all-in-view” display, which features digital pressure gauges. Smart: an integrated status bar shows the progress of the process. Another new feature is the expansion to 4 ports for compressor oils and/or UV additives. This eliminates the need to constantly connect and disconnect the cans in the workshop. The option of WiFi connection, which was previously possible via an additional device, is now directly integrated in the 7 series.

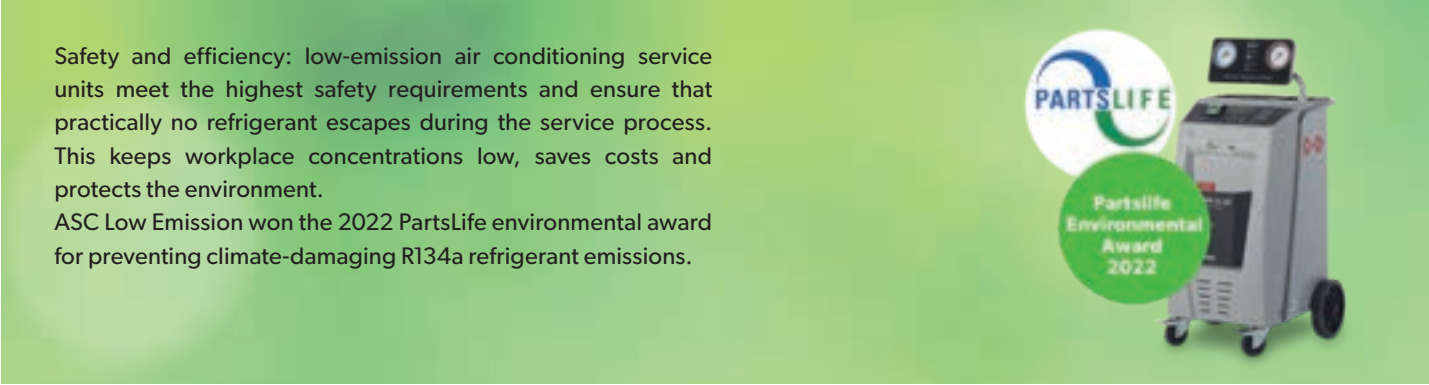
ASC 7.3 and ASC 7.3 LE replace our top sellers ASC 6300 G and ASC 6300 G LE. Accordingly, the ASC 7.4 and ASC 7.4 LE models replace the previous ASC 6400 G and ASC 6400 G LE.

Like the 6000 series models, the 7 series appliances are also certified for four refrigerants (R1234yf, R134a, R456A, R513A). Please also order the required connection kit.

**Upgrade your workshop and treat your mechanics to a highly efficient, practical and cool looking device!**

# WAECO ASC LOW EMISSION

SAVE COSTS & PROTECT THE ENVIRONMENT



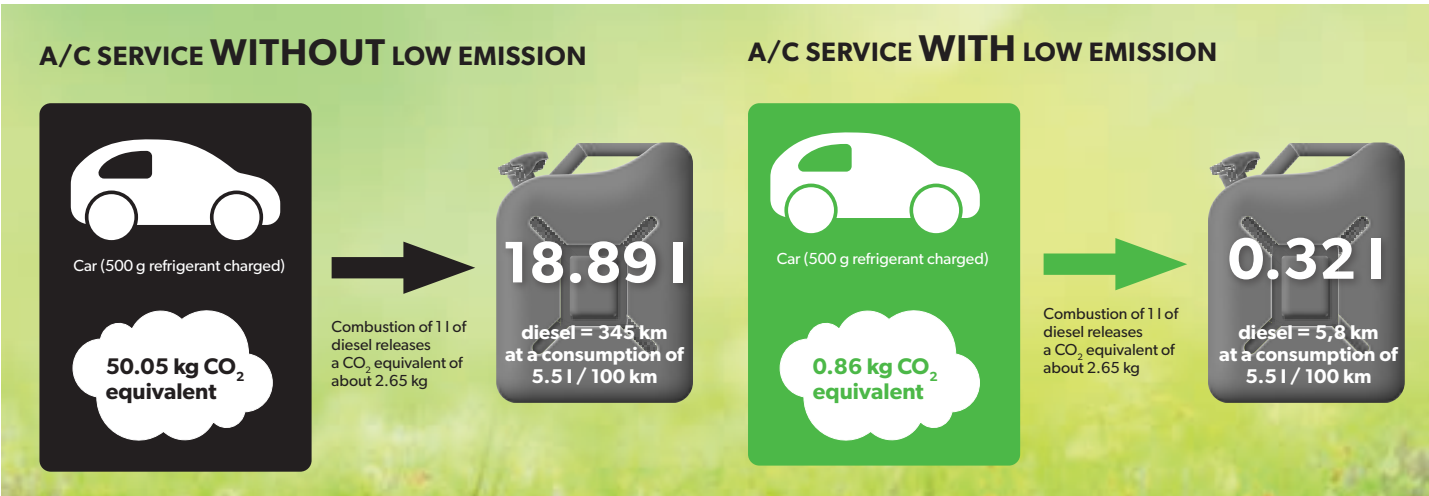
### KEY CHARACTERISTICS OF THE LOW EMISSION CONCEPT



**Patented, low emission used oil container**  
prevents refrigerant loss during used oil purging; the refrigerant recovered with the used oil is supplied to the refrigerant tank and included in the weighing.



**Vacuum pump with control block**  
ensures deep down evacuation of the A/C system. It pumps the evaporated refrigerant into the internal container of the Low Emission service unit, so no refrigerant can escape into the environment.



**TÜV NORD CERTIFIES:**

"In summary, the Low Emission series A/C service units (...) release almost no refrigerant into the environment."



**HOW MUCH CAN YOU SAVE?**

Calculate your refrigerant savings with Low Emission. Use the Low Emission calculator on our website:



# ASC 7.3

## FULLY AUTOMATIC A/C SERVICE UNIT

- Charging cylinder storage capacity: 16 kg
- Vacuum pump capacity: 5 cars/hour
- Wi-Fi on board
- Patented feeding system for fresh oil and UV additive
- Four Oil UV ports accuracy +/-1g
- Used oil drain accuracy +/- 1g
- Automatic vacuum check
- Automatic charging of leak detection additive
- Integrated charging amount database
- Swivel-mount 10" LCD display
- Heated charging cylinder for high-speed charging, heat-up also possible during the charging and vacuum process
- Special, 8-bearing weighing platform
- Special air conditioner flush function
- Special hybrid flushing program
- Large recessed tray for tools
- 500 ml used oil container for longer change intervals
- Three USB ports
- Certified for four refrigerants
- Filter performance for 150 kg refrigerant

|                                                   |                     |
|---------------------------------------------------|---------------------|
| <b>ASC 7.3</b>                                    | Ref. No. 9103303116 |
| <b>Instruction package</b>                        | Ref. No. 8889900001 |
| <b>Adapter for non-returnable bottles 1/4" HD</b> | Ref. No. 8885400035 |

|                                           |                     |
|-------------------------------------------|---------------------|
| Optional:                                 |                     |
| <b>Thermal printer</b>                    | Ref. No. 8885200327 |
| <b>Ext. pressure test kit ASC S7k</b>     | Ref. No. 8885200334 |
| <b>External gas analyser SAE, R134a</b>   | Ref. No. 8885200330 |
| <b>External gas analyser SAE, R1234yf</b> | Ref. No. 8885200331 |

**10" LCD DISPLAY**

All-in-view rotatable display

**WI-FI READY**

Integrated wi-fi connection for easy workflow

**4 OIL/UV PORTS**

Use different oil types without changing the bottles

Please order the basic ASC unit and your choice of connection kit (you can assign only one of the refrigerants to your device).

### CHOOSE THE CONNECTION KIT (APPLICATION FOR R134a, R1234yf, R513A OR R456A).

| R134a                                                                                                                                                 | R513A/R456A         | R1234yf                                                                                                                                               | R134a               | R513A/R456A                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Every kit includes service couplers,oil/UV test bottles, protection cover and the needed adapters.<br><b>Please choose your required hose length.</b> |                     | Every kit includes service couplers,oil/UV test bottles, protection cover and the needed adapters.<br><b>Please choose your required hose length.</b> |                     | Bus application with POE oil<br>Connection kit <b>8 m</b> incl. service couplers, POE oil, protection cover and the needed adapters. |
| Connection kit <b>3 m</b>                                                                                                                             | Ref. No. 8885500019 | Connection kit <b>3 m</b>                                                                                                                             | Ref. No. 8885500022 | Ref. No. 8885500025                                                                                                                  |
| Connection kit <b>5 m</b>                                                                                                                             | Ref. No. 8885500020 | Connection kit <b>5 m</b>                                                                                                                             | Ref. No. 8885500023 |                                                                                                                                      |
| Connection kit <b>8 m</b>                                                                                                                             | Ref. No. 8885500021 | Connection kit <b>8 m</b>                                                                                                                             | Ref. No. 8885500024 |                                                                                                                                      |

# ASC 7.3 LE

## FULLY AUTOMATIC LOW EMISSION A/C SERVICE UNIT

- Recycling rate 99,99%
- Charging cylinder storage capacity: 16 kg
- Vacuum pump capacity: 5 cars/hour
- Wi-Fi on board
- Patented feeding system for fresh oil and UV additive
- Four Oil UV ports, accuracy +/-1g
- Used oil drain accuracy +/- 1g
- Automatic vacuum check
- Automatic charging of leak detection additive
- Integrated charging amount database
- Swivel-mount 10" LCD Display
- Heated charging cylinder for high-speed charging, heat-up also possible during the charging and vacuum process
- Special, 8-bearing weighing platform
- Special air conditioner flush function
- Specal hybrid flushing program
- Hermitically closed used oil container for the Low Emission concept
- Three USB ports
- Certified for four refrigerants
- Filter performance for 150 kg refrigerant

|                                                   |                     |
|---------------------------------------------------|---------------------|
| <b>ASC 7.3 LE</b>                                 | Ref. No. 9103303117 |
| <b>Instruction package</b>                        | Ref. No. 8889900001 |
| <b>Adapter for non-returnable bottles 1/4" HD</b> | Ref. No. 8885400035 |

|                                           |                     |
|-------------------------------------------|---------------------|
| Optional:                                 |                     |
| <b>Thermal printer</b>                    | Ref. No. 8885200327 |
| <b>Ext. pressure test kit ASC S7k</b>     | Ref. No. 8885200334 |
| <b>External gas analyser SAE, R134a</b>   | Ref. No. 8885200330 |
| <b>External gas analyser SAE, R1234yf</b> | Ref. No. 8885200331 |

**LOW EMISSION**

Virtually no refrigerant escaping into the environment

**WI-FI READY**

Integrated wi-fi connection for easy workflow

**4 OIL/UV PORTS**

Use different oil types without changing the bottles

Please order the basic ASC unit and your choice of connection kit (you can assign only one of the refrigerants to your device).

### CHOOSE THE CONNECTION KIT (APPLICATION FOR R134a, R1234yf, R513A OR R456A).

| R134a                                                                                                                                                 | R513A/R456A         | R1234yf                                                                                                                                               | R134a               | R513A/R456A                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Every kit includes service couplers,oil/UV test bottles, protection cover and the needed adapters.<br><b>Please choose your required hose length.</b> |                     | Every kit includes service couplers,oil/UV test bottles, protection cover and the needed adapters.<br><b>Please choose your required hose length.</b> |                     | Bus application with POE oil<br>Connection kit <b>8 m</b> incl. service couplers, POE oil, protection cover and the needed adapters. |
| Connection kit <b>3 m</b>                                                                                                                             | Ref. No. 8885500019 | Connection kit <b>3 m</b>                                                                                                                             | Ref. No. 8885500022 | Ref. No. 8885500025                                                                                                                  |
| Connection kit <b>5 m</b>                                                                                                                             | Ref. No. 8885500020 | Connection kit <b>5 m</b>                                                                                                                             | Ref. No. 8885500023 |                                                                                                                                      |
| Connection kit <b>8 m</b>                                                                                                                             | Ref. No. 8885500021 | Connection kit <b>8 m</b>                                                                                                                             | Ref. No. 8885500024 |                                                                                                                                      |

# ASC 7.4

## FULLY AUTOMATIC, HIGH-VOLUME A/C SERVICE UNIT

- Charging cylinder storage capacity: 28 kg
- Vacuum pump capacity: 192 l/h
- Wi-Fi on board
- Patented feeding system for fresh oil and UV additive
- Four Oil / UV ports, accuracy +/-1g
- Used oil drain accuracy +/- 1g
- Integrated charging amount database
- Swivel-mount 10" LCD display
- Heated charging cylinder for high-speed charging, heat-up also possible during the charging and vacuum process
- Special, 8-bearing weighing platform
- Special air conditioner flush function
- Special hybrid flushing program
- 500 ml used oil container for longer change intervals
- Three USB ports
- Certified for four refrigerants
- Filter performance for 150 kg refrigerant
- Integrated high-performance liquid pump for filling large quantities of refrigerant and/or for filling for special applications of service connections at great heights

|                                                   |                     |
|---------------------------------------------------|---------------------|
| <b>ASC 7.4</b>                                    | Ref. No. 9103303118 |
| <b>Instruction package</b>                        | Ref. No. 8889900001 |
| <b>Adapter for non-returnable bottles 1/4" HD</b> | Ref. No. 8885400035 |

|                                           |                     |
|-------------------------------------------|---------------------|
| Optional:                                 |                     |
| <b>Thermal printer</b>                    | Ref. No. 8885200327 |
| <b>Ext. pressure test kit ASC S7k</b>     | Ref. No. 8885200334 |
| <b>External gas analyser SAE, R134a</b>   | Ref. No. 8885200330 |
| <b>External gas analyser SAE, R1234yf</b> | Ref. No. 8885200331 |



**HIGH VOLUME**

For busses, trains, helicopters and custom applications



**WI-FI READY**

Integrated wi-fi connection for easy workflow



**10" LCD DISPLAY**

All-in-view rotatable display

Please order the basic ASC unit and your choice of connection kit (you can assign only one of the refrigerants to your device).

### CHOOSE THE CONNECTION KIT (APPLICATION FOR R134a, R1234yf, R513A OR R456A).

| R134a R513A/R456A                                                                                                                                     |                     | R1234yf                                                                                                                                               |                     | R134a R513A/R456A                                                                                                                           |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--|
| Every kit includes service couplers,oil/UV test bottles, protection cover and the needed adapters.<br><b>Please choose your required hose length.</b> |                     | Every kit includes service couplers,oil/UV test bottles, protection cover and the needed adapters.<br><b>Please choose your required hose length.</b> |                     | <b>Bus application with POE oil</b><br>Connection kit <b>8 m</b> incl. service couplers, POE oil, protection cover and the needed adapters. |  |
| Connection kit <b>3 m</b>                                                                                                                             | Ref. No. 8885500019 | Connection kit <b>3 m</b>                                                                                                                             | Ref. No. 8885500022 | Ref. No. 8885500025                                                                                                                         |  |
| Connection kit <b>5 m</b>                                                                                                                             | Ref. No. 8885500020 | Connection kit <b>5 m</b>                                                                                                                             | Ref. No. 8885500023 |                                                                                                                                             |  |
| Connection kit <b>8 m</b>                                                                                                                             | Ref. No. 8885500021 | Connection kit <b>8 m</b>                                                                                                                             | Ref. No. 8885500024 |                                                                                                                                             |  |

# ASC 7.4 LE

## FULLY AUTOMATIC LOW EMISSION A/C SERVICE UNIT, HIGH VOLUME

- Recycling rate 99,99%
- Charging cylinder storage capacity: 28 kg
- Vacuum pump capacity:192 l/hour
- Wi-Fi on board
- Patented feeding system for fresh oil and UV additive
- Fully automatic refrigerant recycling, oil and additive management
- Four Oil / UV ports, accuracy +/-1g
- Used oil drain accuracy +/- 1g
- Automatic charging of leak detection additive
- Integrated charging amount database
- Swivel-mount 10" LCD display
- Heated charging cylinder for high-speed charging, heat-up also possible during the charging and vacuum process
- Special, 8-bearing weighing platform
- Hermitically closed used oil container for the Low Emission concept
- Three USB ports
- Certified for four refrigerants
- Filter performance for 150 kg refrigerant
- Integrated high-performance liquid pump for filling large quantities of refrigerant and/or for filling for special applications of service connections at great heights

|                                                   |                     |
|---------------------------------------------------|---------------------|
| <b>ASC 7.4 LE</b>                                 | Ref. No. 9103303119 |
| <b>Instruction package</b>                        | Ref. No. 8889900001 |
| <b>Adapter for non-returnable bottles 1/4" HD</b> | Ref. No. 8885400035 |

|                                           |                     |
|-------------------------------------------|---------------------|
| Optional:                                 |                     |
| <b>Thermal printer</b>                    | Ref. No. 8885200327 |
| <b>Ext. pressure test kit ASC S7k</b>     | Ref. No. 8885200334 |
| <b>External gas analyser SAE, R134a</b>   | Ref. No. 8885200330 |
| <b>External gas analyser SAE, R1234yf</b> | Ref. No. 8885200331 |



**LOW EMISSION**

Virtually no refrigerant escaping into the environment



**WI-FI READY**

Integrated wi-fi connection for easy workflow



**HIGH VOLUME**

For busses, trains, helicopters and custom applications

Please order the basic ASC unit and your choice of connection kit (you can assign only one of the refrigerants to your device).

### CHOOSE THE CONNECTION KIT (APPLICATION FOR R134a, R1234yf, R513A OR R456A).

| R134a R513A/R456A                                                                                                                                     |                     | R1234yf                                                                                                                                               |                     | R134a R513A/R456A                                                                                                                           |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--|
| Every kit includes service couplers,oil/UV test bottles, protection cover and the needed adapters.<br><b>Please choose your required hose length.</b> |                     | Every kit includes service couplers,oil/UV test bottles, protection cover and the needed adapters.<br><b>Please choose your required hose length.</b> |                     | <b>Bus application with POE oil</b><br>Connection kit <b>8 m</b> incl. service couplers, POE oil, protection cover and the needed adapters. |  |
| Connection kit <b>3 m</b>                                                                                                                             | Ref. No. 8885500019 | Connection kit <b>3 m</b>                                                                                                                             | Ref. No. 8885500022 | Ref. No. 8885500025                                                                                                                         |  |
| Connection kit <b>5 m</b>                                                                                                                             | Ref. No. 8885500020 | Connection kit <b>5 m</b>                                                                                                                             | Ref. No. 8885500023 |                                                                                                                                             |  |
| Connection kit <b>8 m</b>                                                                                                                             | Ref. No. 8885500021 | Connection kit <b>8 m</b>                                                                                                                             | Ref. No. 8885500024 |                                                                                                                                             |  |

| ASC features                                            | ASC 7.3                                                         |                        | ASC 7.3 LE                                                                                     | ASC 7.4                                                         |                        | ASC 7.4 LE    |
|---------------------------------------------------------|-----------------------------------------------------------------|------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------|---------------|
| Article No.                                             | 9103303116                                                      |                        | 9103303117                                                                                     | 9103303118                                                      |                        | 9103303119    |
| Power supply 220/240 V – 50/60 Hz                       | ●                                                               |                        |                                                                                                | ●                                                               |                        |               |
| Dimensions W x H X D (mm)                               | 560 x 1350 x 700                                                |                        |                                                                                                | 560 x 1350 x 700                                                |                        |               |
| Weight (kg)                                             | 100                                                             |                        | 102                                                                                            | 110                                                             |                        | 110           |
| Suitable for refrigerant                                | R134a, R513A, R456A or R1234yf<br>(depending on connection kit) |                        |                                                                                                | R134a, R513A, R456A or R1234yf<br>(depending on connection kit) |                        |               |
| Purity of recovered refrigerant according to SAE J 2099 | ●                                                               |                        |                                                                                                | ●                                                               |                        |               |
| Refrigerant recovery rate (kg/h)                        | 30                                                              |                        |                                                                                                | 30                                                              |                        |               |
| Refrigerant recycling rate                              | min. 97%                                                        |                        | Close to 100%                                                                                  | min. 97%                                                        |                        | Close to 100% |
| Vacuum pump capacity                                    | 5 cars/h                                                        |                        |                                                                                                | 192 l/h                                                         |                        |               |
| Performance of the hermetic compressor (kW)             | 0.32                                                            |                        |                                                                                                | 0.32                                                            |                        |               |
| Dry filter capacity (kg)                                | 150                                                             |                        |                                                                                                | 150                                                             |                        |               |
| Wifi                                                    | Wifi ready (integrated)                                         |                        |                                                                                                | Wifi ready (integrated)                                         |                        |               |
| Usability                                               | Control buttons                                                 |                        |                                                                                                | Control buttons                                                 |                        |               |
| Process control                                         | Process status bar                                              |                        |                                                                                                | Process status bar                                              |                        |               |
| Display and manometers                                  | Digital                                                         |                        |                                                                                                | Digital                                                         |                        |               |
| Printer                                                 | Optional extra: 8885200327                                      |                        |                                                                                                | Optional extra: 8885200327                                      |                        |               |
| Charging                                                |                                                                 |                        |                                                                                                |                                                                 |                        |               |
| Refrigerant charging                                    | Automatic                                                       |                        |                                                                                                | Automatic                                                       |                        |               |
| Charging cylinder (kg)                                  | 16                                                              |                        |                                                                                                | 28                                                              |                        |               |
| Processes                                               |                                                                 |                        |                                                                                                |                                                                 |                        |               |
| Refrigerant analysis                                    |                                                                 |                        | Optional extra external<br>Gas analyser R134a : 8885200330<br>Gas analyser R1234yf :8885200331 |                                                                 |                        |               |
| Evacuation                                              | Automatic                                                       |                        |                                                                                                | Automatic                                                       |                        |               |
| Vacuum check (leak diagnosis)                           | Automatic                                                       |                        |                                                                                                | Automatic                                                       |                        |               |
| Recovery/recycling                                      | Automatic                                                       |                        |                                                                                                | Automatic                                                       |                        |               |
| Purging of non-condensable gases                        | Automatic/electronic                                            |                        |                                                                                                | Automatic/electronic                                            |                        |               |
| Purging of used oil, evacuation, vaccum check           | Automatic                                                       |                        |                                                                                                | Automatic                                                       |                        |               |
| Injection of leak detection additive                    | Automatic                                                       |                        |                                                                                                | Automatic                                                       |                        |               |
| Injection of A/C oil and refrigerant charging           | Automatic                                                       |                        |                                                                                                | Automatic                                                       |                        |               |
| High/low pressure indicated by                          | Digital manometer                                               |                        |                                                                                                | Digital manometer                                               |                        |               |
| Option to set the evacuation time                       | ●                                                               |                        |                                                                                                | ●                                                               |                        |               |
| USB port for software- and database updates             | 3                                                               |                        |                                                                                                | 3                                                               |                        |               |
| Mandatory accessories (to choose)                       |                                                                 |                        |                                                                                                |                                                                 |                        |               |
| Connection kit 3 m                                      |                                                                 |                        | R134a, R456A, R513A: 8885500019<br>R1234yf: 8885500022                                         |                                                                 |                        |               |
| Connection kit 5 m                                      |                                                                 |                        | R134a, R456A, R513A: 8885500020<br>R1234yf: 8885500023                                         |                                                                 |                        |               |
| Connection kit 8 m                                      |                                                                 |                        | R134a, R456A, R513A: 8885500021<br>R1234yf: 8885500024                                         |                                                                 |                        |               |
| Connection kit 8 m, POE oil, for bus application        |                                                                 |                        | R134a, R456A, R513A: 8885500025<br>R1234yf: on request                                         |                                                                 |                        |               |
| Optional accessories and spares                         |                                                                 |                        |                                                                                                |                                                                 |                        |               |
| Universal flush container                               | R134a: 8885200088<br>R1234yf: 8885200272                        |                        |                                                                                                | R134a: 8885200088<br>R1234yf: 8885200272                        |                        |               |
| Protection cover                                        | R134a: 8885200328; R1234yf:8885200329                           |                        |                                                                                                |                                                                 |                        |               |
| Heat Belt, 60 x 350 mm (for tank Ø 13 cm – 18 cm)       | –                                                               |                        |                                                                                                | 8885300260                                                      |                        |               |
| Heat Belt, 75 x 480 mm (for tank Ø 13 cm – 25 cm)       | –                                                               |                        |                                                                                                | 8885300261                                                      |                        |               |
| Heat Belt, 130 x 300 mm (for tank Ø 13 cm – 18 cm)      | –                                                               |                        |                                                                                                | 8885300262                                                      |                        |               |
| Connection kit for buses                                | –                                                               |                        |                                                                                                | 8885400290                                                      |                        |               |
| Service quick couplers, HP                              |                                                                 |                        | R134a: 8885400027<br>R1234yf: 8885400370                                                       |                                                                 |                        |               |
| Service quick couplers, LP                              |                                                                 |                        | R134a: 8885400026<br>R1234yf: 8885400369                                                       |                                                                 |                        |               |
| Printer paper                                           | When printer is installed 4445900515                            |                        |                                                                                                |                                                                 |                        |               |
| Used oil bottle                                         | 4440600033                                                      | 4440600131; 4443300115 |                                                                                                | 4440600033                                                      | 4440600131; 4443300115 |               |
| Vacuum pump oil                                         | 8887200018, 8887200081                                          |                        |                                                                                                |                                                                 |                        |               |
| Service filter                                          | 4440400012                                                      |                        |                                                                                                | 4440400012                                                      |                        |               |
| Charging hose HP                                        | part of connection kit                                          |                        |                                                                                                | part of connection kit                                          |                        |               |
| Charging hoses LP                                       | part of connection kit                                          |                        |                                                                                                | part of connection kit                                          |                        |               |

| ASC 6100 G                                                      | ASC 5500 G RPA 2020                        |
|-----------------------------------------------------------------|--------------------------------------------|
| 9103303104                                                      | 9103301896                                 |
| ●                                                               | ●                                          |
| 600 x 1040 x 600                                                | 560 x 1300 x 650                           |
| 90                                                              | 110                                        |
| R134a, R513A, R456A or R1234yf<br>(depending on connection kit) | R1234yf<br>(ready for use incl. 3 m hoses) |
| ●                                                               | ●                                          |
| 30                                                              | 30                                         |
| min. 95%                                                        | Close to 100%                              |
| 4 cars/h                                                        | 5 cars/h                                   |
| 0.32                                                            | 0.32                                       |
| 150                                                             | 150                                        |
| Optional via Wifi kit: 8885200311                               | Optional via Wifi kit: 8885200311          |
| Control buttons                                                 | Control buttons                            |
| 3-LED indicator                                                 | 4-LED indicator                            |
| Analogue                                                        | Analogue                                   |
| –                                                               | integrated                                 |
|                                                                 |                                            |
| Automatic                                                       | Automatic                                  |
| 10                                                              | 16                                         |
|                                                                 |                                            |
| -                                                               | Integrated<br>(R1234yf application)        |
| Automatic                                                       | Automatic                                  |
| Automatic                                                       | Automatic                                  |
| Automatic                                                       | Automatic                                  |
| Automatic / electronic                                          | Automatic / electronic                     |
| Automatic                                                       | Automatic                                  |
| Automatic                                                       | Automatic                                  |
| Automatic                                                       | Automatic                                  |
| Manometer                                                       | Manometer                                  |
| ●                                                               | ●                                          |
| 1                                                               | 1                                          |
|                                                                 |                                            |
| R134a, R456A, R513A: 8885500008<br>R1234yf: 8885500011          | inclusive 3 m hose, oil, UV and coupler    |
| R134a, R456A, R513A: 8885500009<br>R1234yf: 8885500012          | –                                          |
| R134a, R456A, R513A: 8885500010<br>R1234yf: 8885500013          | –                                          |
| R134a, R456A, R513A: 8885500014<br>R1234yf: on request          | –                                          |
|                                                                 |                                            |
| –                                                               | 8885200272                                 |
| 4445900081                                                      | 4445900081                                 |
| –                                                               | –                                          |
| –                                                               | –                                          |
| –                                                               | –                                          |
| –                                                               | –                                          |
| R134a: 8885400027<br>R1234yf: 8885400370                        | 8885400164                                 |
| R134a: 8885400026<br>R1234yf: 8885400369                        | 8885400163                                 |
| –                                                               | 4445900515                                 |
| 4440600249                                                      | 4440600131; 4443300115                     |
| 8887200018, 8887200081                                          | 8887200018, 8887200081                     |
| R134a: 4440400009<br>R1234yf: 4445900221                        | 4445900221                                 |
| part of connection kit                                          | 4440600175                                 |
| part of connection kit                                          | 4440600176                                 |



Upgrading options: heat belt, humidity free storage and feeding system for fresh oil and UV dye



# ASC 6100 G

ENTRY-LEVEL MODEL WITH UPGRADING OPTIONS



### SOFT GRAPHIC DISPLAY

The soft graphic display can also display special characters such as Cyrillic or Chinese script.



### COMPLIES WITH SAE J 2099

The purity of the recovered refrigerant complies with the SAE J 2099 standard.



### UPGRADING OPTIONS

The ASC 6100 G can be upgraded with a heat belt. The unit is also prepared for the humidity free storage and feeding system for fresh oil or UV additive.



### USB INTERFACE

Via the USB port you can simply update the software of the service unit. Or export important data to a USB stick for further processing on a laptop or PC.

Are you just starting to provide A/C service with only a few service orders per month? Here is a low-cost service unit that gives you all the features required for safe work. The new ASC 6100 G performs all service processes automatically achieving a refrigerant recycling rate of at least 95%. The purity of the recovered refrigerant complies with the SAE J 2099 standard.

Expecting more orders in the future? You can easily upgrade your entry-level service unit at a later date – e.g. a heat belt for the charging cylinder. A USB port and a soft graphic display that can also display special characters are already included.

## ASC 6100 G

### Entry-level automatic A/C service unit

- Charging cylinder storage capacity: 9 kg
- Automatic refrigerant recycling, oil and UV additive management controlled by load cell
- Purity of recovered refrigerant according to SAE J 2099
- Refrigerant recycling rate: at least 95%
- Forced ventilation with two fans at the rear
- Soft graphic display – can also display special characters
- USB interface
- Load cell, no transport lock necessary
- Optional: dust cover
- Humidity free storage and feeding system for fresh oil and UV additive
- Optional: heat belt for the charging cylinder
- Optional: hybrid flushing

#### ASC 6100 G

##### Instruction package

Ref. No. 9103303104  
Ref. No. 8889900001

- Optional:**
- WAECO ASC G WiFi KIT**
  - Hybrid flush kit for R134a application**
  - Hybrid flush kit for R1234yf application**
  - Heat belt for the charging cylinder**
  - Dust cover**

Ref. No. 8885200311  
Ref. No. 8885200270  
Ref. No. 8885200259  
Ref. No. 8885200277  
Ref. No. 4445900081

Scope of delivery: operation manual, used oil container (250 ml), safety kit



R134a  
R1234yf  
R513A/R456A



VISIT US ON YOUTUBE



#### NOTE

Please order the basic ASC unit and then your choice of hose set separately (you can assign only one of the refrigerants to your device).

### CHOOSE THE CONNECTION KIT (APPLICATION FOR R134a, R1234yf, R513A OR R456A).



R134a R513A/R456A

Every kit includes service couplers, oil/UV test bottles, connection port and refrigerant bottle adapter.  
**Please choose your required hose length.**

- Option1:** Connection kit 3 m Ref. No. 8885500008  
**Option2:** Connection kit 5 m Ref. No. 8885500009  
**Option3:** Connection kit 8 m Ref. No. 8885500010



R1234yf

Every kit includes service couplers, oil/UV test bottles, connection port and refrigerant bottle adapter.  
**Please choose your required hose length.**

- Option1:** Connection kit 3 m Ref. No. 8885500011  
**Option2:** Connection kit 5 m Ref. No. 8885500012  
**Option3:** Connection kit 8 m Ref. No. 8885500013



R134a R513A/R456A

**Bus application with POE oil**  
Connection kit 8 m incl. service couplers, POE oil, connection port and refrigerant bottle adapter

Ref. No. 8885500014



ASC 5500 G RPA 2020  
LOW EMISSION SERVICE UNIT FOR R1234yf

- Charging cylinder storage capacity: 16 kg, vacuum pump capacity: 5 cars/h
- Optional: humidity free storage and feeding system for fresh oil and UV additive
- **Integrated fully automatic refrigerant analysis function**
- Fully automatic refrigerant recycling, oil and additive management
- Automatic vacuum check
- Automatic leak check prior to service start
- Automatic charging of leak detection additive
- Integrated charging amount database
- Complies with SAE J 2099, 2788 and 2843
- Close to 100% refrigerant recovery
- Operator guidance via large display
- Heated charging cylinder for high-speed charging
- Special, 8-bearing weighing platform
- Special air conditioner flush function
- Also suitable for hybrid vehicles
- Including adapter for non-returnable bottles 1/4" HD
- 3 separate weighing cells for UV additive and oil management



R1234yf

INTEGRATED  
REFRIGERANT ANALYSIS



|                                                 |                     |
|-------------------------------------------------|---------------------|
| <b>ASC 5500 G RPA</b>                           | Ref. No. 9103301896 |
| <b>Instruction package</b>                      | Ref. No. 8889900001 |
| <b>Optional:</b>                                |                     |
| <b>WAECO ASC G WIFI KIT</b>                     | Ref. No. 8885200311 |
| <b>Hybrid flush kit for R1234yf application</b> | Ref. No. 8885200259 |

Scope of delivery: Service hoses (SAE standard, 3 m), valve adapter for WAECO refrigerant bottles, operating instructions, adapter for 500 ml fresh oil and UV tracer dye bottle, heated refrigerant tank, dust cover, used oil container (500 ml), hermetically closed used oil container, goggles / safety gloves, test bottle UV additive and test bottle WAECO DHO 1234yf



EXTRA SAFETY

The service unit comes with integrated refrigerant analysis function. Explosion protection: hazard analysis performed by an independent test institute.



SWITCH-ON DELAY AND  
EXTERNAL VENTILATION

R1234yf is flammable under certain conditions. Therefore, the system start will only activate the external fan. After the fan has been running for 35 seconds, the voltage is passed on to the system.



LOW EMISSION CONCEPT

Virtually no refrigerant escaping into the environment and identification of the exact amount of the recovered refrigerant in the weighing procedure avoids unnecessary troubleshooting.

Vehicles with an A/C system filled with R1234yf are already a common case in the workshop today. Brand-bound motor garages, in particular, are obliged to offer service for these systems. Against this backdrop WAECO's AirCon professionals have designed, in close cooperation with the automotive industry, the ASC 5500 G RPA service unit.

As R1234yf is very sensitive to contamination with other refrigerants, the ASC 5500 G RPA was fitted with an integrated analysis tool that checks the refrigerant purity. Designed inside out for use with R1234yf refrigerant, the ASC 5500 G RPA meets fire regulations and offers all the benefits known from the "classic" models in the ASC series.



Practical: Innovative used oil container with refrigerant return system



Complete refrigerant recovery – including the residual amount contained in the used oil



Rear side: Filter is easy to access from the outside (as required by TÜV)



## 4 VALVE MANIFOLD

- Precision stainless valve feed screws
- For R744
- Hoses 182 cm (1/4 Flare SAE)
- Including VAC Hose
- Operating pressure 120 bar
- Sturdy tool case

## THE EFFICIENT SOLUTION: R744 UPGRADE KIT FOR ASC SERVICE UNITS

**Get ready for servicing vehicles with R744 air conditioning systems (CO<sub>2</sub>). Simply combine your A/C service unit with the WAECO R744 service kit and get started right away!**

With the CO<sub>2</sub> upgrade kit from WAECO, any current WAECO air conditioning service unit can be adapted for servicing R744 air conditioning systems in just a few simple steps. The core component is a 4-way precision fitting made of stainless steel, complete with pressure gauges and high-quality service hoses that can withstand an operating pressure of 120 - 140 bar.

The set also includes a maintenance-free refrigerant scale as well as 1.82 m long HD hoses and matching adapters. Fittings, hoses and service couplers are stored in a handy workshop case to save space.

### R744 Upgrade Kit

Ref. No. 8885100178

Scope of delivery\*: 4 way manifold R744 in suitcase, adapter 3/8" SAE female x 1/4" SAE, adapter HP 1/4" SAE R134a, adapter HP 1/4" SAE R1234yf, adapter bottle female x 1/4" SAE, coupler LP, coupler HP, refrigerant scale.

\* bottle adapter in this kit can be locally different

## R744 UPGRADE KIT CAN BE USED WITH ALL CURRENT WAECO ASC UNITS

Since 2017, some German vehicle manufacturers have been using environmentally friendly CO<sub>2</sub> (R744) as a refrigerant in some of their model ranges. The service volume here is still manageable, but increasing. So far, investing in a special R744 air conditioning service unit has not been worthwhile for every independent workshop.

### How can the customer still be satisfied?

As an efficient solution, WAECO offers a significantly cheaper option for the R744 service on vehicles: the CO<sub>2</sub> upgrade kit.



To meet the special requirements of R744 (CO<sub>2</sub>), especially the high pressures, it is essential to design the hoses, manifold and fittings appropriately.



# WAECO SERVICE EQUIPMENT FOR MOBILE A/C SERVICE ON THE SPOT



As a one-stop-shop for A/C workshop equipment, market leader WAECO also offers professional tools for mobile use. Mobile tools not only give you more flexibility in the workshop, they are also ideal for customers expecting an “on the spot” repair service to prevent costly downtimes. Farmers, for instance, wouldn’t want to have their machinery repaired in the workshop during the busy harvest season, where every minute of standstill would cost them a fortune. To address these customer requirements, we have put together a collection of mobile A/C service tools that makes your mobile crew’s

work easier and more efficient. Your customers will appreciate this and value your company as a partner who is ready to go an extra mile for them. Our mobile A/C service kit includes all you need for professional A/C service on site: refrigerant bottles, refrigerant scales, a portable recovery unit, a light-weight vacuum pump that is strong enough for utility vehicle air conditioners, and a 4-way manifold stored in a handy workshop case.

## A/C service kit for mobile or workshop use (recovery + evacuation + charging + inspection)



# WAECO AIRCON SERVICE – EVACUATION OF AUTOMOTIVE AIR CONDITIONERS

**Evacuation of automotive A/C systems has to be done with vacuum pumps designed for the purpose.** Too fast an evacuation by means of over-dimensioned vacuum pumps will lead to icing of residual moisture in the air conditioning system and consequently to system malfunctions.

**Today’s automotive A/C systems only have a maximum volume of 3 litres of air.** Therefore, only 3 litres of air per minute will flow through the service coupler during the evacuation process. The vacuum pumps shown below have been exactly designed to match the specific capacity requirements of automotive A/C systems.

## Vacuum pump, 42 l/min

Vacuum pump for use on passenger car and utility vehicle air conditioners

| Specifications |             |                     |                   |
|----------------|-------------|---------------------|-------------------|
| Rated flow     | 42 l/min    | Power input         | 125 W             |
| End vacuum     | 0.5 mbar    | Supply voltage      | 230 V/50 Hz       |
| Speed          | 2.850 1/min | Dimensions          | 95 x 184 x 279 mm |
| Oil capacity   | 227 ml      | Weight              | 4.5 kg            |
| Vacuum pump    |             | Ref. No. 8885200257 |                   |



## Vacuum pump, 132 l/min

High-performance vacuum pump for use on automotive air conditioners with a refrigerant charging amount of more than 2 kg.

| Specifications |            |                     |                    |
|----------------|------------|---------------------|--------------------|
| Rated flow     | 132 l/min  | Power input         | 330 W              |
| End vacuum     | 0.02 mbar  | Supply voltage      | 230 V/50 Hz        |
| Speed          | 2.8001/min | Dimensions          | 350 x 134 x 265 mm |
| Oil capacity   | 400 ml     | Weight              | 11.2 kg            |
| Vacuum pump    |            | Ref. No. 8885200256 |                    |



Refrigerant recovery unit

Automatic recovery of refrigerants  
(R12, R22, R134a, R1234yf, R404a, R413a (Isceon 49), R410a)

- Recovery of refrigerant from A/C systems, transfer from one refrigerant bottle to another, disposal in a special R-bottle
- Automatic self-emptying – several recovery processes can be performed easily and quickly

| Specifications |                                  |
|----------------|----------------------------------|
| Recovery rate  | gases: 16 kg/h; liquids: 22 kg/h |
| Supply voltage | 230 volts/50 Hz                  |
| Power input    | 350 watts                        |
| Audits         | TÜV/GS                           |
| Weight         | 12.6 kg                          |

**Scope of delivery:** Recovery unit, red and blue service hoses with ball valves

|                           |                     |
|---------------------------|---------------------|
| Refrigerant recovery unit | Ref. No. 8885200276 |
| Spare filter              | Ref. No. 8880700361 |



R134a

R1234yf

Charging cylinder with heater

For stationary use in A/C workshops  
(R134a, R404a, R407c)

- Pressure relief valve, tared at 15.5 Bar
- Pressure gauge 0-25 Bar with colour marked sectors of working pressures (green, yellow and red)
- Easy reading scales and liquid level indicator
- With internal heating for faster recovery (220 V/50HZ)

**Scope of delivery:** Charging cylinder, safety valve, manometer

|                   |                     |
|-------------------|---------------------|
| Charging cylinder | Ref. No. 8885200322 |
|-------------------|---------------------|



R134a

Refrigerant scales

Heavy-duty weighing platform with separate display unit in sturdy plastic case

- Large LCD display with setting option for kg – lb – oz
- Solenoid valve control for accurate charging
- 100 kg weighing platform
- Recovery and charging possible via solenoid valve control system
- Charging process can be repeated
- 220-volt solenoid valve control
- Mains-independent 9-volt LCD control system
- Max working pressure 30 bar



|                    |                     |
|--------------------|---------------------|
| Refrigerant scales | Ref. No. 8885100099 |
|--------------------|---------------------|

4-way manifold for mobile use

- High quality connection for 3/8" SAE
- Manometer class 1
- Not damped
- Can be adjusted by the operator
- Includes safety sight glass and suspension
- Complete kit including hoses and tool

4-way manifold, R134a, R 404a, R 407c, R 22

Ref. No. 8885100161



R134a

4-way manifold for mobile use

- High quality connection for 3/8" SAE
- Manometer class 1
- Not damped
- Can be adjusted by the operator
- Includes safety sight glass and suspension
- Complete kit including hoses and tool

4-way manifold, R1234yf

Ref. No. 8885100162



R1234yf

4-way manifold for R744

- Precision stainless valve feed screws
- Hoses 182 cm (¼ Flare SAE)
- Including VAC Hose
- Operating pressure 120 bar
- Sturdy tool case

4-way manifold, R744

Coupler R744 LP

Coupler R744 HP

Ref. No. 8885100176

Ref. No. 8885400373

Ref. No. 8885400374



R744

A man in a workshop setting, wearing a dark shirt, is looking down at a smartphone he is holding. The image is overlaid with a solid blue color. In the background, a piece of equipment with a gauge and the text 'AirCon Service Center' is visible. The text 'USEFUL EXTRAS FOR ASC' is written in large, white, bold, sans-serif capital letters across the center of the image.

**USEFUL EXTRAS FOR ASC**

## WAECO.COM — 29

## Charging and vacuum hoses

Service hoses in various colours for all A/C technology applications

- Suitable for all standard refrigerants
- Highly flexible material allows use even in hard-to-access areas of automotive A/C systems
- Connection thread as per SAE standard

|                                            |                     |
|--------------------------------------------|---------------------|
| Hose colour: red, length 3000 mm, R134a    | Ref. No. 8885100065 |
| Hose colour: blue, length 3000 mm, R134a   | Ref. No. 8885100064 |
| Hose colour: red, length 3000 mm, R1234yf  | Ref. No. 4440600175 |
| Hose colour: blue, length 3000 mm, R1234yf | Ref. No. 4440600176 |



## Spare rolls for printer

Special printer paper for ASC-series thermal printers

- Sales pack: 4 pieces

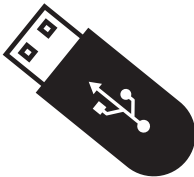
|                         |                     |
|-------------------------|---------------------|
| Spare rolls for printer | Ref. No. 4445900515 |
|-------------------------|---------------------|



## USB stick with software update for the new ASC G-series

Software updates for the new ASC G-series by USB stick

|           |                     |
|-----------|---------------------|
| USB stick | Ref. No. 4441000174 |
|-----------|---------------------|



## Bottle set for ASC series

Bottle set for ASC series

- 250 ml capacity, sales pack: 2 pieces

|            |                     |
|------------|---------------------|
| Bottle set | Ref. No. 4440600110 |
|------------|---------------------|



## Service quick couplers

For fast connection of A/C service units to automotive air conditioners

- Suitable for use on all WAECO A/C service units
- High-quality special couplers for long-term use

|                                                         |                     |
|---------------------------------------------------------|---------------------|
| <b>1</b> LP with M14 x 1,5" inside threat, standard ASC | Ref. No. 8885400026 |
| <b>1</b> HP with M14 x 1,5" inside threat, standard ASC | Ref. No. 8885400027 |
| <b>3</b> LP with 3/8" SAE outside threat                | Ref. No. 8885400024 |
| <b>3</b> HP with 3/8" SAE outside threat                | Ref. No. 8885400025 |
| <b>2</b> LP with 1/4" SAE outside threat                | Ref. No. 8885400089 |
| <b>2</b> HP with 1/4" SAE outside threat                | Ref. No. 8885400090 |
| LP with M14 x 1.5, female, Waeco Aircon service         | Ref. No. 8885400375 |
| HP with M14 x 1.5, female, Waeco Aircon service         | Ref. No. 8885400376 |



## Used oil container

Patented used oil container for all Low Emission units

- Specially designed for the low-emission concept

|                             |                     |
|-----------------------------|---------------------|
| Used oil container          | Ref. No. 4440600131 |
| Lid                         | Ref. No. 4440600133 |
| O-ring                      | Ref. No. 4443300097 |
| Metal strip used oil bottle | Ref. No. 4442500710 |



## Service filter

High-performance filter for ASC series

- Special connector for easy installation

|                                                                                                   |                     |
|---------------------------------------------------------------------------------------------------|---------------------|
| Drier for ASC models built before 2013                                                            | Ref. No. 4440400008 |
| Drier for models built in 2013 or later including G models, ASC 1100 G, ASC 2500 G and ASC 5100 G | Ref. No. 4440400009 |
| Drier for 5000 and 6000 series except ASC 5100 G                                                  | Ref. No. 4445900221 |
| Drier for 7-series from 2025 onwards                                                              | Ref. No. 4440400012 |



## Vacuum pump oil

Vacuum pump oil

- 500 or 1000 ml; HT 32

|                          |                     |
|--------------------------|---------------------|
| Vacuum pump oil, 1000 ml | Ref. No. 8887200018 |
| Vacuum pump oil, 500 ml  | Ref. No. 8887200081 |



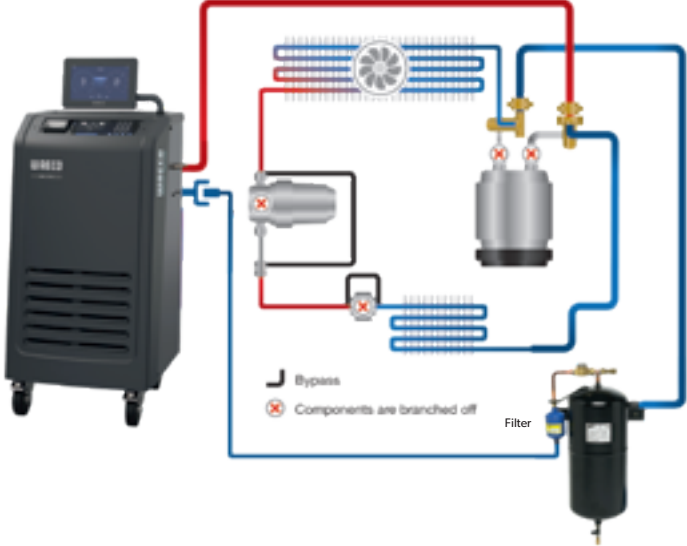


# CLEAN WORKING – IT PAYS TO FLUSH!

Professional service on automotive A/C systems naturally also includes flushing the system to clear away aggressive substances and contaminants from the refrigerant circuit. Flushing protects all parts of the air conditioner from damage, especially the compressor being its core component.

You will never get a hundred per cent clean refrigerant circuit, this because of the parallel flow evaporator technology commonly used these days. **We strictly recommend you** to add a **chip filter** to the suction line when you flush the system. This will **protect the compressor** and is especially advisable when you’ve replaced the compressor, as it will keep the remaining particles away from the newly fitted unit.

**Important note: The filter (Ref. No. 8880700246) should be replaced after every flushing process (for each vehicle)!**



# SAFE AND FAST FLUSHING WITH THE A/C SERVICE UNIT AND THE FLUSH CONTAINER CONNECTED TO IT

- Spares you the time and effort required to preheat the refrigerant bottle
- No need to illegally remove the refill blocking device as would be required with other methods
- No additional equipment (e.g. two refrigerant bottles) required!
- Automatic processes controlled via the A/C service unit avoid operating errors
- Approved by renowned vehicle manufacturers

Some manufacturers offer flushing kits which work without an A/C service unit. Please consider the following facts:

1. Time factor: Refrigerant bottle has to be heated up to 70 °C, takes about 1.5 – 2 hours
2. Extra work: Collector tank must be placed in a cold water container when ambient temperatures are high
3. Safety factor: The refill device and the residual pressure safety device on the refrigerant bottle must be removed for this method; the bottle system has no ground point

## Flushing air conditioners

Necessary flushing equipment – Speeds up the flushing process to the required level when integrated into the flushing circuit

**Scope of delivery:** Pressurised container with 2-way extraction valve, universal mounting bracket for pressurised container, purifier filter, sight glass, hose to connect the container to the air conditioner and the A/C service unit connected

|                                    |                     |
|------------------------------------|---------------------|
| Universal flush container, R134a   | Ref. No. 8885200088 |
| Universal flush container, R1234yf | Ref. No. 8885200272 |
| Adapter R1234yf, 3/8" SAE          | Ref. No. 8885400343 |
| Spare filter (R134a + R1234yf)     | Ref. No. 8880700362 |



## A/C flush adapter kit, 17 items

For bypassing expansion valves and dryers

- For direct connection of A/C service hoses to the compressor’s suction and pressure hoses
- Made of high-quality brass-aluminium materials to withstand the rigours of workshop use
- Supplied in sturdy workshop case

**Scope of delivery:** Universal flush adapter kit for many Audi and VW models as well as for other makes

|                                    |                     |
|------------------------------------|---------------------|
| A/C flush adapter kit              | Ref. No. 8885300089 |
| Adapter 3/8" on high-pressure side | Ref. No. 8885400104 |
| Adapter R1234yf, 3/8" SAE          | Ref. No. 8885400343 |



## A/C flush adapter kit IV, 65 items

Adapter set for bypassing air conditioning components

- Set includes a variety of adapters, e.g. for expansion valves and compressors
- Air conditioner is flushed with refrigerants, no need to dispose cleaning agents
- Ideal for removing oil from the system
- Flexible use with various hose connection options
- Refrigerant is recycled by the A/C service unit and can then be reused
- Causes no damage to gaskets and components

|                          |                     |
|--------------------------|---------------------|
| A/C flush adapter kit IV | Ref. No. 8885300080 |
|--------------------------|---------------------|



## Flush adapter set V, 143 items

For use with O-ring and taper connections

- Universal flush adapter set
- The variable connectors can be adapted, which allows the use on flange connections
- Multiple connections possible
- Supplied in sturdy plastic case. Suitable for workshop use

**Scope of delivery:** Sturdy service case, brief application instructions with illustrations, 12 gaskets, fixing material, various adapters

|                         |                     |
|-------------------------|---------------------|
| A/C flush adapter kit V | Ref. No. 8885300104 |
|-------------------------|---------------------|



A/C flush adapter kit, 18 items

Adapter set for bypassing air conditioning components

- Set includes a variety of adapters, e.g. for expansion valves and compressors
- Air conditioner is flushed with refrigerants, no need to dispose of cleaning agents
- Ideal for removing oil from the system
- Flexible use with various adapter options
- Refrigerant is recycled by the A/C service unit and can then be reused
- Causes no damage to gaskets and components

|                                       |                     |
|---------------------------------------|---------------------|
| SK43, universal A/C flush adapter set | Ref. No. 8885300125 |
| Repair set of 6 gaskets               | Ref. No. 8885300090 |



A/C flush adapter kit III, 5 items

For targeted flushing of condensers and evaporators

- For bypassing expansion valves and dryers
- Special clamps with brass connectors
- Connectors for 3/8" service hoses

|                           |                     |
|---------------------------|---------------------|
| SK46, A/C flush connector | Ref. No. 8885300127 |
| Repair set of 4 gaskets   | Ref. No. 8881500878 |



Set of chip filters, 60 items

Filter catches contaminants coming from the system to protect the compressor

- Keeps a newly installed compressor free from chips
- Easy to fit; no need to cut pipes or insert fittings
- Choice of sizes to suit different A/C systems

**Scope of delivery:** 60 filters in 20 different sizes, SK 47 including set of tools

|                                             |                     |
|---------------------------------------------|---------------------|
| SK47, set of chip filters with tool         | Ref. No. 8885300128 |
| Filter for Audi A3, VW Golf V and VW Touran | Ref. No. 8887300038 |
| Chip filter 22 mm                           | Ref. No. 8887300019 |
| Chip filter 23 mm                           | Ref. No. 8887300020 |



PROTECT YOUR EQUIPMENT!

NEW!

SMART FILTERS FOR REFRIGERANT AND OIL PURITY

Your A/C service unit is an important and valuable tool that you need almost every day. And it was an investment. To ensure that you can enjoy it for a long time, we advise you to protect the internal lines and components of the costly device from contamination that might occur when refrigerant is extracted from the vehicle. Sealant or contaminated refrigerant, which may form polymer, can render

individual components or even the entire A/C service unit unusable. Be smart and protect your valuable equipment! The special filters in the WAECO Guards series are the safety service for your A/C service unit. They ensure that only ‘clean’ refrigerant is recovered to your unit from the customer's vehicle and intervene when necessary.

WAECO PolyreactGuard S

Filters polymer from the extracted refrigerant before it enters the A/C device

- Installation between vehicle and A/C service unit
- Incl. bracket to attach the PolyreactGuard S to the bonnet in order to maximize user safety
- WAECO PolyreactGuard heats the refrigerant and filters it
- For 99.99% refrigerant purity and virtually no risk of contamination of the A/C service unit
- Maximum refrigerant charge: 1.500 grams
- The unit reliably separates sealants before they can enter and cause damage to the service unit

**Scope of delivery:** PolyrectGuard S, hose HP 1.8m, service coupling HP, fastening strap, operating/installation instructions

|                         |                     |
|-------------------------|---------------------|
| WAECO Polyreact Guard S | Ref. No. 8885200324 |
| Spare filter            | Ref. No. 8885200333 |

SUITABLE FOR  
A/C SERVICE UNITS OF  
ALL COMMON BRANDS

R1234yf



Recycle Guard

Separates and removes sealants from A/C systems

- During refrigerant recovery the Recycle Guard is connected between the A/C service unit and the air conditioning system
- The unit reliably separates sealants before they can enter and cause damage to the service unit
- The integrated filter insert can be used several times

|                            |                     |
|----------------------------|---------------------|
| Recycle Guard, R134a       | Ref. No. 8885200060 |
| Recycle Guard, R1234yf     | Ref. No. 8885200275 |
| Universal mounting bracket | Ref. No. 8880600008 |
| Spare filter               | Ref. No. 8885200061 |

SUITABLE FOR  
A/C SERVICE UNITS  
OF ALL MAKES

R134a

R1234yf



Universal mounting bracket, fits all A/C service units



Sealant contamination in the A/C service unit without the use of the Recycle Guard

# CONSUMABLES

# A HISTORY OF REFRIGERANTS IN THE AUTOMOTIVE INDUSTRY



**R134a**  
has been prohibited for new type approvals since 01.01.2011 and for factory-fills of all new vehicles since 01.01.2017 (valid for vehicle categories M1 and N1) due to its high GWP (global warming potential). Unlike with R 12, using R134a for service and repairs is not prohibited. The Forming Gas Regulation EU 842/2006 defines the maximum quantities of refrigerant to be imported from non-EU countries. With the beginning of 2021 a new stage of reduction is valid.

**R1234yf**  
has been used since 01.01.2011 for new type approvals in the automotive industry. R1234yf has a lower GWP than R 134a, but it is significantly more flammable. A conversion similar to that from R 12 to R134a is not taking place for technical reasons.

**R456A**  
is a non-flammable mixture of R32, R134a and R1234yf with a GWP value of 626. It is under discussion to become a drop-in solution to replace R134a.

**R513A**  
might also become a drop-in replacement for R134a. It is a mixture of R134a and R1234yf. R513A is certified as an A1 refrigerant in accordance with DIN EN 378 and is therefore classified as neither toxic nor flammable.

**R744 (CO<sub>2</sub>)**  
is considered to be an eco-friendly refrigerant of the future. Converting R1234yf or R134a A/C systems to R744 is not feasible for technical reasons. Another problem is the high operating pressure in the vehicle as well as in the A/C service unit. New concepts for safe use of A/C service units are required.



Due to the next stage of the F-gas regulation, there may be a shortage of R134a refrigerant in future. This is why some drop-ins are currently under discussion. We recommend that you use a refrigerant analyzer, especially when servicing vehicles of new, unknown customers (when you are not sure what others might have filled in the A/C in the past), in order to protect your equipment from possible contamination by non-permitted substitutes.

# R134a, R1234yf AND R744 REFRIGERANT IN THE PROVEN REFILLABLE WAECO BOTTLE

Quality by experience: the type-tested refillable WAECO bottle for R134a refrigerant has proven itself in daily workshop use for decades. Naturally, we also offer a version for the new refrigerant R1234yf – clearly recognisable by the signal red colour of the stand-up collar. No confusion possible!

## Type-tested refillable steel bottle

Reusable system with refill safety device. Capacity: 12 kg of R134a refrigerant

- Sturdy design, good stability, stand-up collar and practical extraction valve, bottle without riser tube for extraction in gas or liquid form
- Suitable for all charging units in mobile or stationary use

|                                                                   |                     |
|-------------------------------------------------------------------|---------------------|
| Fill of WAECO refillable bottle                                   | Ref. No. 8887100007 |
| Purchase of bottle*                                               | Ref. No. 8887100008 |
| Bottle adapter (incl. seal)                                       | Ref. No. 8885400129 |
| * Purchase price is refunded if bottle is returned within 2 years |                     |



8885400129

## Type-tested refillable steel bottle

Reusable system with refill safety device

- Sturdy design, good stability, stand-up collar and practical extraction valve, bottle without riser tube for extraction in gas or liquid form
- Suitable for all charging units in mobile or stationary use

|                                                                   |                     |
|-------------------------------------------------------------------|---------------------|
| 5 kg fill                                                         | Ref. No. 8887100019 |
| Purchase of bottle*                                               | Ref. No. 8887100020 |
| 10 kg fill                                                        | Ref. No. 8887100050 |
| Purchase of bottle*                                               | Ref. No. 8887100051 |
| Bottle adapter, for large bottle valves                           | Ref. No. 4440600148 |
| Seal                                                              | Ref. No. 4440600244 |
| * Purchase price is refunded if bottle is returned within 2 years |                     |



4440600148

4440600244

## Type-tested refillable steel bottle

Reusable system with refill safety device. Capacity: 10 kg of R744 refrigerant

- Sturdy design, good stability, stand-up collar and practical extraction valve
- Suitable for charging units in mobile or stationary use
- Purity of R744: 4.0

|                                                                   |                     |
|-------------------------------------------------------------------|---------------------|
| 10 kg fill                                                        | Ref. No. 8887100053 |
| Purchase of bottle*                                               | Ref. No. 8887100054 |
| Adapter R744 bottle to ¼ male conus, with seal                    | Ref. No. 4440500008 |
| * Purchase price is refunded if bottle is returned within 2 years |                     |



4440500008

# COMPRESSOR OILS

## PROFESSIONAL TIPS ON OILS

Which oil for which A/C compressor? Always make sure you use the right type! Here is a simple rule from our A/C professionals: If there is PAG oil in the system, recharge with PAG oil, if it's POE oil, fill up with POE oil. Also, it is recommendable to use the special oils of the respective compressor manufacturer, because they are perfectly

coordinated with the system. To find out which type of oil is flowing through the cooling circuit, refer to the vehicle documents or the service sticker of the A/C system. In case of doubt always check twice and identify the right viscosity!

# VARIOUS OILS AND CANS

WAECO offers oils in various viscosities. We also offer the same oil in different packaging forms.



PAG oils in 3 different viscosities: ISO 46 – 100 – 150



Oils available in both 250 ml cans, humidity free 500 ml Profi bottles and 150 ml Profi bottles

# HUMIDITY FREE STORAGE AND FEEDING SYSTEM FOR FRESH OIL AND UV ADDITIVE

## Double-wall storage can – can-design and function

### Bag-in-bottle can system

The hallmark of this can is its double-wall design, which complies with the specifications of the automotive industry in an ideal manner.

### Loss-free discharge

The storage bottle is connected to the ASC service unit (on the oil scales port) with a special adapter. This adapter releases the special extraction mechanism of the bottle. The vacuum pump generates a vacuum to discharge the laminated bag, which increasingly contracts in the process. An axially aligned spiral hose ensures complete discharging of the laminated bag.

### Outside: protective metal can

The sturdy, pressure-free metal can protects the laminated bag inside. Pressure compensation for shrinking contents is via a small opening on the top.

### Inside: moisture-free laminated bag

The double-layer aluminium laminated bag provides optimal storage for compressor oils or UV dyes. The special charging process as well as the storage in the laminated bag guarantees moisture-free conditions.



WAECO patent

- 1 Special connection**
- 2 Opening in the metal jacket** to balance the pressure
- 3 Laminated bag** with double-layer aluminium laminate

# PROFESSIONAL OIL SYSTEM FOR HUMIDITY-FREE STORAGE

## NOW SUITING ALMOST ALL BRANDS

Special cans featuring our professional oil system have been successfully used on WAECO ASC service units for many years. The patented, vapour-tight containers are now also available to customers who do not have a WAECO A/C service unit. By using the new professional oil system with 150 ml cans as well as the matching adapters, the most commonly used third-party service units can now also be equipped with the humidity-free storage and feeding system. This is an effective method to keep moisture out of the A/C system and prevent subsequent damage and customer complaints.



VISIT US ON YOUTUBE

## Adapter for professional oil system with 150 ml cans

### WAECO ASC

Fits for all WAECO ASC models

Ref. No. **4440600026**  
(Sales pack: 1)



### AVL

Fits the following models ADS 310 (R744)

Ref. No. **8885400372**  
(Sales pack: 2)



### AVL

Fits the following models ADS 110, ADS 120, ADS 130, ADS 130D

Ref. No. **8885400354**  
(Sales pack: 3)



### Bosch/Robinair

Fits the following models AC1234-8, AC1234-7, AC1234-3, AC1x34-3

Ref. No. **8885400355**  
(Sales pack: 3)



### Bosch/Robinair

Fits the following models ACS 753, ACS 763, ACS 863, AC1x34-7i, AC1234-7i, AC1234-8i

Ref. No. **8885400357**  
(Sales pack: 3)



### Ecotechnics

Fits the following models Eck 3500-up, Eck 3500-HFO, Eck 3900-up, Eck3900-HFO, Eck 4000, Eck 4000-HFO, Eck twin-pro, ECK 1890, ECK 1890-HFO

Ref. No. **8885400356**  
(Sales pack: 3)



### Universal adapter

Fits the following models Fits to all Aircon service units with plastic storage system, 250 ml. Tara weight 130 g

Ref. No. **8885400363**  
(Sales pack: 3)



### Texa

Fits the following models 712R/707R/705R/705R off Road

Ref. No. **8885400364**  
(Sales pack: 3)



### Texa

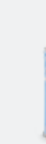
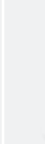
Fits the following models 760R, 760R Bus, 770S, 780R, 744

Ref. No. **8885400353**  
(Sales pack: 3)

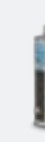
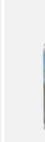


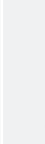
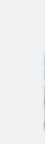
PROFESSIONAL OIL SYSTEM  
FOR A/C SERVICE UNITS



|                            | R134a                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                            |  |  |  |  |  |  |  |  |  |
| OIL TYPE                   | PAG                                                                               | PAG                                                                               | PAG                                                                               | PAG                                                                               | PAG                                                                               | POE                                                                               | PAO                                                                                 | PAG                                                                                 | PAG                                                                                 |
| Aftermarket oil            | —                                                                                 | —                                                                                 | •                                                                                 | •                                                                                 | •                                                                                 | •                                                                                 | •                                                                                   | •                                                                                   | •                                                                                   |
| Original oil               | •                                                                                 | •                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                   | —                                                                                   | —                                                                                   |
| Ref. No.                   | 8887200059                                                                        | 8887200021                                                                        | 8887200013                                                                        | 8887200014                                                                        | 8887200019                                                                        | 8887200028                                                                        | 8887200017                                                                          | 8887200001                                                                          | 8887200002                                                                          |
| Viscosity                  | ISO 46                                                                            | ISO 46                                                                            | ISO 46                                                                            | ISO 100                                                                           | ISO 150                                                                           | 55                                                                                | ISO 68                                                                              | ISO 46                                                                              | ISO 100                                                                             |
| Filling volume             | 500 ml                                                                            | 500 ml                                                                            | 500 ml                                                                            | 500 ml                                                                            | 500 ml                                                                            | 500 ml                                                                            | 500 ml                                                                              | 250 ml                                                                              | 250 ml                                                                              |
| Packaging                  | Profi Oil Can                                                                     | Profi Oil Can                                                                     | Profi Oil Can                                                                     | Profi Oil Can                                                                     | Profi Oil Can                                                                     | Profi Oil Can                                                                     | Profi Oil Can                                                                       | Can                                                                                 | Can                                                                                 |
| Description                | WAECO DHO PS                                                                      | Denso ND8                                                                         | WAECO PAG ISO 46                                                                  | WAECO PAG ISO 100                                                                 | WAECO PAG ISO 150                                                                 | SE55                                                                              | WAECO PAO ISO 68                                                                    | WAECO PAG ISO 46                                                                    | WAECO PAG ISO 100                                                                   |
| Hybrid / electric vehicles | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                   | —                                                                                   | —                                                                                   |

| R134a                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
| PAG                                                                                 | PAG                                                                                 | POE                                                                                 | POE                                                                                 | POE                                                                                 | POE                                                                                 | PAO                                                                                 |
| ●                                                                                   | —                                                                                   | —                                                                                   | —                                                                                   | —                                                                                   | ●                                                                                   | ●                                                                                   |
| —                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                   | —                                                                                   | —                                                                                   |
| 8887200008                                                                          | 8887200067                                                                          | 8887200075                                                                          | 8887200072                                                                          | 8887200073                                                                          | 8887200029                                                                          | 8887200009                                                                          |
| ISO 150                                                                             | ISO 46                                                                              | ISO 68                                                                              | 84                                                                                  | 84                                                                                  | 55                                                                                  | ISO 68                                                                              |
| 250 ml                                                                              | 150 ml                                                                              | 150 ml                                                                              | 150 ml                                                                              | 150 ml                                                                              | 1000 ml                                                                             | 1000 ml                                                                             |
| Can                                                                                 | Profi Oil Can                                                                       | Profi Oil Can                                                                       | Profi Oil Can                                                                       | Profi Oil Can                                                                       | Can                                                                                 | Canister                                                                            |
| WAECO<br>PAG ISO 150                                                                | WAECO<br>DHO PS                                                                     | RB68                                                                                | RB100EV                                                                             | Denso ND11                                                                          | SE55                                                                                | WAECO<br>PAO ISO 68                                                                 |
| —                                                                                   | —                                                                                   | ●                                                                                   | ●                                                                                   | ●                                                                                   | —                                                                                   | —                                                                                   |

|                            | R1234yf                                                                             |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                            |  |  |  |  |  |  |  |  |  |
| OIL TYPE                   | PAG                                                                                 | PAG                                                                                 | PAG                                                                                 | PAG                                                                                 | PAG                                                                                 | PAG                                                                                 | PAG                                                                                   | PAG                                                                                   | POE                                                                                   |
| Aftermarket oil            | —                                                                                   | —                                                                                   | —                                                                                   | —                                                                                   | •                                                                                   | —                                                                                   | •                                                                                     | —                                                                                     | —                                                                                     |
| Original oil               | •                                                                                   | •                                                                                   | •                                                                                   | •                                                                                   | —                                                                                   | •                                                                                   | —                                                                                     | •                                                                                     | •                                                                                     |
| Ref. No.                   | 8887200063                                                                          | 8887200079                                                                          | 8887200039                                                                          | 8887200046                                                                          | 8887200041                                                                          | 8887200076                                                                          | 8887200042                                                                            | 8887200069                                                                            | 8887200075                                                                            |
| Viscosity                  | ISO 46                                                                              | ISO 46                                                                              | ISO 46                                                                              | ISO 100                                                                             | ISO 46                                                                              | ISO 46                                                                              | ISO 46                                                                                | ISO 46                                                                                | ISO 68                                                                                |
| Filling volume             | 500 ml                                                                              | 500 ml                                                                              | 500 ml                                                                              | 500 ml                                                                              | 500 ml                                                                              | 250 ml                                                                              | 250 ml                                                                                | 150 ml                                                                                | 150 ml                                                                                |
| Packaging                  | Profi Oil Can                                                                       | Profi Oil Can                                                                       | Profi Oil Can                                                                       | Profi Oil Can                                                                       | Profi Oil Can                                                                       | Can                                                                                 | Can                                                                                   | Profi Oil Can                                                                         | Profi Oil Can                                                                         |
| Description                | WAECO DHO R1234yf                                                                   | Denso ND12                                                                          | Sanden SPA2                                                                         | Valeo VC200yf                                                                       | WAECO PAG ISO 46yf                                                                  | Denso ND12                                                                          | WAECO PAG ISO 46yf                                                                    | WAECO DHO R1234yf                                                                     | RB68                                                                                  |
| Hybrid / electric vehicles | •                                                                                   | •                                                                                   | •                                                                                   | •                                                                                   | •                                                                                   | •                                                                                   | •                                                                                     | •                                                                                     | •                                                                                     |

| R1234yf                                                                               |                                                                                       |                                                                                       |                                                                                       | R744                                                                                  |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |
| POE                                                                                   | POE                                                                                   | PVE                                                                                   | PVE                                                                                   | PAG                                                                                   |
| —                                                                                     | —                                                                                     | —                                                                                     | —                                                                                     | —                                                                                     |
| ●                                                                                     | ●                                                                                     | ●                                                                                     | ●                                                                                     | ●                                                                                     |
| 8887200072                                                                            | 8887200073                                                                            | 8887200082                                                                            | 8887200083                                                                            | 8887200078                                                                            |
| 84                                                                                    | 84                                                                                    | 56                                                                                    | 56                                                                                    | ISO 68                                                                                |
| 150 ml                                                                                | 150 ml                                                                                | 150 ml                                                                                | 250 ml                                                                                | 150 ml                                                                                |
| Profi Oil Can                                                                         | Profi Oil Can                                                                         | Profi Oil Can                                                                         | Can                                                                                   | Profi Oil Can                                                                         |
| RB100EV                                                                               | Denso ND11                                                                            | FVC56EA                                                                               | FVC56EA                                                                               | ACC HV                                                                                |
| ●                                                                                     | ●                                                                                     | ●                                                                                     | ●                                                                                     | ●                                                                                     |

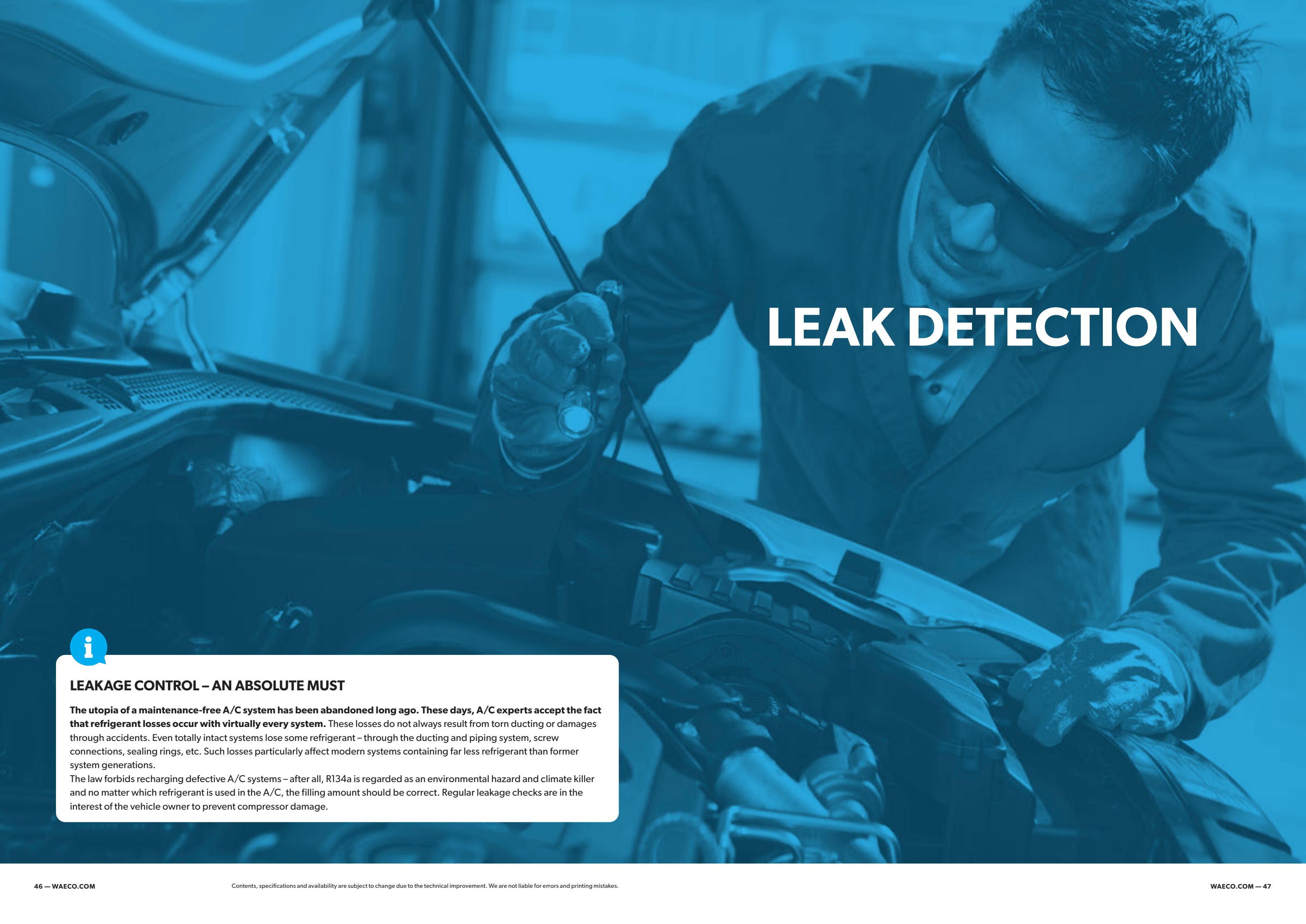


YOU MIGHT  
ALSO NEED:

Oil Injectors for manual injection of  
oils and/or UV additives



See page 51

A technician wearing a blue jacket and safety glasses is working on a car engine. They are using a long, thin tool, likely a leak detector, to inspect the engine components. The background is a blurred workshop setting.

# LEAK DETECTION



## LEAKAGE CONTROL – AN ABSOLUTE MUST

**The utopia of a maintenance-free A/C system has been abandoned long ago. These days, A/C experts accept the fact that refrigerant losses occur with virtually every system.** These losses do not always result from torn ducting or damages through accidents. Even totally intact systems lose some refrigerant – through the ducting and piping system, screw connections, sealing rings, etc. Such losses particularly affect modern systems containing far less refrigerant than former system generations.

The law forbids recharging defective A/C systems – after all, R134a is regarded as an environmental hazard and climate killer and no matter which refrigerant is used in the A/C, the filling amount should be correct. Regular leakage checks are in the interest of the vehicle owner to prevent compressor damage.

# UV LEAK DETECTION – ALWAYS WITH THE MATCHING UV ADDITIVE!

A PAG and PAO mixture do not form a consistent oil film. As PAG is heavier, it settles below the PAOs. A phase separation is clearly visible in static condition. During the start-up operation of the A/C system inconsistencies in the mixture can occur and cause damage to the compressor.

Given the clear phase separation of the two oils, there can be no such thing as a universal UV additive. The UV-additive is contained in a carrier oil. If the different oils do not mix, the UV additive will not mix 100% with the two oils either. The consequence is that it “sags through”. If the oil and the UV additive are a perfect match, the UV additive will form a stable and uniform blend with the compressor oil.

**Conclusion: Always mix the right oil with the right UV additive.**



# SMALL STICK OR BIG CAN – CHOOSE YOUR STYLE!

UV dyes are usually added to the A/C circuit during the A/C service process via the A/C service unit. We recommend our moisture-free professional oil system for this purpose. The special system looks like a can, but is much more: the content is safely protected from moisture in a laminate bag inside the can. And a special connection ensures that practically no moisture can penetrate, even when connecting and disconnecting. We call this the professional oil system. Available

for WAECO ASC but also for appliances from other manufacturers (smaller can with respective adapter). WAECO UV dyes are also available as classic cans and some even as portion sticks for use without an A/C service unit. So you can always find the right one for your appliance and your application!



250 ml cans



500 ml and 150 ml humidity free Profi bottles



Pens /sticks for single use

## LED violet light UV leak detection lamp OPTI-PRO™ UV

- The OPTI-PRO™ UV comes complete with a powerful violet light LED and adjustable focus lens to identify leaks with ease
- Comes complete with 3 AAA batteries and fluorescence-enhancing glasses

**Scope of delivery:** UV lamp, glasses and batteries

UV leak detection lamp

Ref. No. 8885300269



## LED violet light UV leak detection lamp OPTI-PRO™ UV

- Powerful, effective and full of new features, catch leaks with ease using our new OPTI-PRO™ UV Plus leak detection light
- Complete with an adjustable focus lens, high/ low lighting, strobe light and fluorescence-enhancing glasses. Leaks will glow brightly when paired with one of our Tracer dyes

**Scope of delivery:** UV lamp, Smart charger with AC plug, fluorescence-enhancing glasses and lanyard

UV leak detection lamp

Ref. No. 8885300270



## Safety gloves / Standard full-view goggles / UV glasses

Safety gloves for working with refrigerants and UV dyes  
Standard full-view goggles for working with refrigerants  
UV glasses for leak detection

Ref. No. 8885400065  
Ref. No. 8885400066  
Ref. No. 8885400366



# TRACER UV DYES

|                            | R134a                                                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|                            |  |  |  |  |  |
| OIL TYPE                   | PAG                                                                               | PAG                                                                               | PAG                                                                               | PAG                                                                               | PAG                                                                               |
| Description                | WAECO UV Tracer PAG, R134a                                                        | WAECO UV Tracer PAG, R134a                                                        | WAECO UV Tracer PAG, R134a                                                        | TP3860 Tracer UV Dye, PAG Oil Based                                               | Tracer UV Dye, PAG Oil Based                                                      |
| Refrigerant                | R134a                                                                             | R134a                                                                             | R134a                                                                             | R134a                                                                             | R134a                                                                             |
| Ref. No.                   | 8887600028                                                                        | 8887600027                                                                        | 8887600010                                                                        | 8887600005                                                                        | 8887600006                                                                        |
| Filling volume             | 500 ml                                                                            | 250 ml                                                                            | 150 ml                                                                            | 6 Sticks each 2 ml                                                                | 3 pcs.                                                                            |
| Packaging                  | Profi Oil Can                                                                     | Can                                                                               | Profi Oil Can                                                                     | Stick                                                                             | Cartridge                                                                         |
| Hybrid / electric vehicles | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 | —                                                                                 |

| R1234yf                                                                             |                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| PAG (SP-A2)                                                                         | PAG (SP-A2)                                                                         | PAG (SP-A2)                                                                         |
| WAECO UV Tracer PAG / SP-A2, R1234yf                                                | WAECO UV Tracer PAG / SP-A2, R1234yf                                                | WAECO UV Tracer PAG / SP-A2, R1234yf                                                |
| R1234yf                                                                             | R1234yf                                                                             | R1234yf                                                                             |
| 8887600030                                                                          | 8887600029                                                                          | 8887600012                                                                          |
| 500 ml                                                                              | 250 ml                                                                              | 150 ml                                                                              |
| Profi Oil Can                                                                       | Can                                                                                 | Profi Oil Can                                                                       |
| •                                                                                   | •                                                                                   | •                                                                                   |

| R134a/R1234yf                                                                       |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |
| POE/ RB100EV                                                                        | POE                                                                                 |
| WAECO UV Tracer POE / RB100EV                                                       | Tracer UV Dye, POE Based                                                            |
| R134a R1234yf                                                                       | R134a R1234yf                                                                       |
| 8887600031                                                                          | 8887600004                                                                          |
| 150 ml                                                                              | 3 Cartridges each 1 ml                                                              |
| Profi Oil Can                                                                       | Cartridge                                                                           |
| •                                                                                   | •                                                                                   |

| R744                                                                                |
|-------------------------------------------------------------------------------------|
|  |
| PAG (ACC HV)                                                                        |
| TRACER UV Dye, PAG Oil Based                                                        |
| R744                                                                                |
| 8887600009                                                                          |
| 150 ml                                                                              |
| Profi Oil Can                                                                       |
| •                                                                                   |

| Cooling water                                                                       | Oil & fuel                                                                          |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |
| —                                                                                   | —                                                                                   |
| WAECO UV Tracer for Cooling Water                                                   | WAECO UV Tracer for Oil and Fuel                                                    |
| —                                                                                   | —                                                                                   |
| 8887600025                                                                          | 8887600024                                                                          |
| 6 pcs.                                                                              | 6 pcs.                                                                              |
| Syringe                                                                             | Syringe                                                                             |
| —                                                                                   | —                                                                                   |

\*Similar pictures

## Hand pump for EZ-Ject™ cartridges

For adding leak detection additives to the suction side of charged R134a air conditioners

- Accurate dosing via spindle adjustment
- Integrated non-return valve protects against over-pressure

**Scope of delivery:** Low-pressure service hose with quick coupler for R134a A/C systems, 1 cartridge of UV dye, vent adapter, hand spindle, service sticker

|               |                     |
|---------------|---------------------|
| Hand pump     | Ref. No. 8885300266 |
| Spare spindle | Ref. No. 9103500683 |



## Oil injector

- Injector for manual injection of oils and/or UV dyes
- Easy-to-use, sturdy design, ideal for workshop use
- With ml and oz scales for oil and an extra scale for additive
- Supplied with hose and couplers (R134a and R1234yf) for use with different refrigerants and oils
- Sight glass with crash protection device for enhanced safety
- Ideal for hybrid applications, where cross-contamination of oils is not allowed (SAE J 2843H)

|              |                     |
|--------------|---------------------|
| Oil injector | Ref. No. 8885300132 |
|--------------|---------------------|



## TRACER for hybrid and electric application

UV dye injection kit for hybrid vehicles

- Insulation resistance of the compressor oil won't drop
- Light-proof storage of the POE special oils in aluminium laminated bags
- POE oil based

**Scope of delivery:** 3 sticks, hose, coupler, valve, charging adapter

|                                     |                     |
|-------------------------------------|---------------------|
| UV additive injection kit           | Ref. No. 8885300267 |
| Spare cartridge, sales pack: 3 pcs. | Ref. No. 8887600004 |
| Adapter for using with R1234yf      | Ref. No. 9103558471 |



## Professional oil extract-injector

Injector for manual injection of oils and/or UV dyes

- Robust oil-UV injector R134a and R1234yf
- Delivered in suitcase
- 60 ml content

|                                                                              |                     |
|------------------------------------------------------------------------------|---------------------|
| Professional oil injector                                                    | Ref. No. 8885300272 |
| Professional oil injector set (oil injector, adapter, adapter oil/UV bottle) | Ref. No. 8885300273 |



# NITROGEN LEAK DETECTION

This method involves the production of positive pressure through nitrogen or negative pressure through vacuum by the A/C service unit. Leak detection through differential pressure is mainly suitable for the initial testing of strongly leaking or even empty systems. It only indicates that the system is leaking – not where the leak is. Testing is only possible with A/C service units that automatically stop

when it is impossible to generate vacuum (e.g. all WAECO ASC service units). If the process continues without fault warning, you can be certain that the system has no leak and may be charged with refrigerant. The requirements of the Chemicals Climate Protection Ordinance are met.

## Forming gas pressure reducer 90 bar

For R744 application

- Input Female 21,8x1 ¼" LH
- Output ¼ SAE Male
- Exclusive hose
- Max Pressure 87-89 BAR (pre adjusted)

Forming gas pressure reducer 90 BAR

Ref. No. 8885400382

NEW!

R744



## Nitrogen / forming gas pressure reducer

For controlled and safe admission of nitrogen to A/C systems (pressure test)

- Adjustment range from 0 to 20 bar, ideal for air conditioner inspections (§ 5 of the German Chemicals Climate Protection Ordinance)

### Hose set for safe connection to vehicle A/C system

**Scope of delivery hose set:** service quick coupler, 1.8 m service hose for low-pressure side, 1/4" SAE x 1/2" ACME adapter

Nitrogen pressure reducer

Ref. No. 8885400135

Forming gas pressure reducer

Ref. No. 8885400172

Hose set for nitrogen and forming gas pressure reducer

Ref. No. 8885400136

8885400135

R134a



8885400172

Hose set

## Nitrogen pressure reducer

For controlled and safe admission of nitrogen to A/C systems (pressure test)

- Adjustment range from 0 to 35 bar, so also suitable for flushing
- High quality design

**Scope of delivery:** Pressure reducer, service quick coupler, 1.8 m service hose for low-pressure side, 1/4" SAE x 1/2" ACME adapter

Pressure reducer

Ref. No. 8885400058



## Nitrogen pressure reducer

For inspections of air-conditioning evaporators and complete air-conditioning systems for R134 a and R1234yf in installed condition

- Adjustment range from 0 to 35 bar, so also suitable for flushing
- High quality design

**Scope of delivery:** 1 x Connection block with Manometer, 2 x Charging hoses R134a Red 3000 mm, 2 x Charging hoses R134a Blue 3000 mm, 1 x Service quick coupler, Red for R 134a, 1 x Service quick coupler, Blue for R 134a, 2 x Charging hoses R1234yf Red 3000 mm, 2 x Charging hoses R1234yf Blue 3000 mm, 1 x Service quick coupler, Red for R1234yf, 1 x Service quick coupler, Blue for R 1234yf, 1 x Charging hoses Yellow 1000 mm with shut-off valve to the pressure reducer

Pressure tester with bottle trolley

Ref. No. 8885400367

Pressure tester without bottle trolley

Ref. No. 8885400368

R134a

R1234yf

8885400367



8885400368

## Nitrogen pressure gauge and leak detector

For inspections on A/C evaporators and complete A/C systems in installed condition

- Manometer block with vent valve and safety valves, 36 bar opening pressure
- Nitrogen pressure reducer, adjustable from 0 to 35 bar
- Test manometer 0 to 40 bar, calibration: 1 bar, class 1.0

**Scope of delivery:** pressure reducer, service quick coupler, 1.8 m service hose for low side, 1/4" SAE x 1/2" ACME adapter, cylinder trolley with manometer block

Pressure gauge and leak detector

Ref. No. 8885400092

Extension kit HP for R134a

Ref. No. 8885400124

Extension kit for R1234yf

Ref. No. 8885400165



R134a

## Cylinder trolley

For safe transport and storage of 10-litre cylinders

- Handy and sturdy cylinder trolley
- With hose suspension
- Integrated storage box for accessories

Cylinder trolley

Ref. No. 8885400057



# ELECTRONIC LEAK DETECTION

Electronic leak detectors are versatile and can be used on a variety of vehicles, including cars, trucks, and even hybrid or electric vehicles with specialized A/C systems. This makes them a useful tool. The investment in electronic leak detection equipment saves money in

the long run by reducing labor time. It is non-invasive, meaning it doesn't require the removal or disassembly of parts to inspect for leaks.

## WAECO Leak Detector 3000

## Take automotive leak detection to the next level

- Effective multi gas leak detector: identifies all FC- and CFC-based refrigerants and blends (e.g. R134a, R1234yf, R456A, R513A or R744)
- Can be programmed to work in heavily contaminated environments (e.g. an engine compartment)
- Complies with all relevant international standards, including SAE J2913 for R1234yf, SAE J2791 for R134a and EN14624:2020.
- Detects also HC chemicals like LPG, Propan or Butan

WAECO Leak Detector 3000

**Note: Sensor not included in the scope of delivery!**

Please make sure to order the specific sensor for your application.

|                      |                     |
|----------------------|---------------------|
| R744 sensor          | Ref. No. 8885100192 |
| R134a+R1234yf sensor | Ref. No. 8885100193 |
| HC sensor            | Ref. No. 8885100194 |
| Extra long probe     | Ref. No. 8885100195 |

**R744** **R134a** **R1234yf**

**NEW!**

## WAECO Leak Detector Multi-gas

## Reliable leak detection suitable for forming gas

- Detects  $H_2/N_2$  (5/95) forming gas, Ammonia, HCFCs, HFCs, A2L refrigerants
- Digital leak size display (numeric)
- 3 sensitivity levels, flashing probe LED and audio mute mode
- Simple operation that allows for easy, repeatable gas detection
- Field replaceable sensor, filter and batteries

**Scope of delivery:** Multi-gas leak detector, spare filters, carrying case

Muti-gas leak detector Ref. No. 8885100202

Batteries (4 x AA) not included

## WAEKO Leak Detector

Senses refrigerant concentrations in the ambient air

- Responds to R134a/R1234yf/R513A refrigerant only, therefore no interference by other gases (plastic emissions) or air movement
- Measuring head on flexible neck to reach hard-to-access places. Sensitivity: up to 5 g/year
- Complies with SAE J 1637 and EN 14624 2020

|                                                          |                     |
|----------------------------------------------------------|---------------------|
| Electronic leak detector for R134a, R1234yf, HCFCs, HFCs | Ref. No. 8885100174 |
| Sensor                                                   | Ref. No. 9103500684 |
| Filter, sales pack: 20 pcs.                              | Ref. No. 9103500685 |

Batteries (2 x D) not included

### Reference leak (R1234yf, R134a, R513A)

For checking the functioning and sensitivity of electronic leak detectors

- Suitable for all electronic refrigerant leak detectors sensitive to fluorinated hydrocarbons. Approved for use with leak detectors that respond to both R134a and R1234yf

Reference leak Ref. No. 8885100095

## Leak detection spray

### Leak detection by formation of foam on leaky spots in the refrigerant circuit

- Suitable for fast detection of larger leaks (e.g. on threaded joints or press fits), easy to use

Leak detection spray, 500 ml Ref. No. 8887300018



# CLEANING & DESINFECTION



## PROFESSIONAL CLEAN-UP ELIMINATES BAD SMELLS

**When fixing used cars for resale or giving customer cars a professional clean-up you often have to deal with persistent odours.** The **ozone generator** eliminates smells effectively and without any chemical substances. The handy unit forces ozone into in the vehicle's air duct. The highly reactive, triple-bonded oxygen has the ability to oxidise organic substances. In the process it neutralises bacteria, mould, viruses and other microorganisms

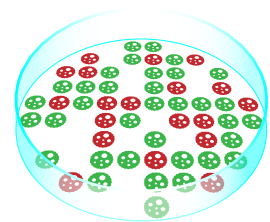
– which are the source of the smell. The method is also effective against fungal spores, bacteria and virus strains that have become resistant to certain active substances.

A proven tool to neutralise smells in passenger compartments is the **WAECO Refresh-o-mat**. The ultrasonic atomiser is a **heavy-duty model** enclosed in a robust stainless steel housing.

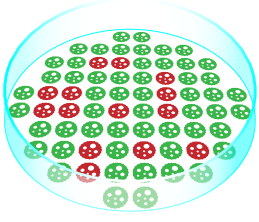
# FRESH CLIMATE

## AIRCON CLEANER ON PROBIOTIC BASIS

Probiotic cleaners such as AirCon Ready Refresh work with probiotic microorganisms. They create a healthy microflora that represses pathogen (disease-causing) microorganisms. The undesired organisms are not immediately killed, but prevented from multiplying. Once the probiotic cleaner has been used several times the pathogen germs die of old age, so to speak.



Prior to application:  
Excess of harmful germs (red) in the A/C system cause unpleasant odours



After application:  
Excess of healthy microorganisms (green) – clean air in the vehicle

### Aircon Ready Refresh

Aircon cleaner on a probiotic basis

- Extremely easy application
- Handy spray can – no other equipment required
- Represses pathogen (disease-causing) germs
- Removes the course of bad odours from the A/C system

Aircon Ready Refresh, box with twelve cans

Ref. No. 8887400018



VISIT US ON YOUTUBE



### AIRCON READY REFRESH SIMPLE AND CLEAN USAGE

**You don't need any special knowledge or expensive equipment for the application of AirCon Ready Refresh. The handy spray cans are simply placed on the floor on the passenger's side. Please note our instructions so you know exactly what to do:**

- Remove vehicle's interior filter
- Open the air vent
- Set fan to circulating air
- Push passenger seat back
- Turn ignition on so that the fan starts
- Close the window and door on the driver's side
- Shake AirCon Ready Refresh can
- Activate and eject cleaner by pressing the spray head down hard
- Wait for the complete contents of the can to be ejected (about 5 min.)
- Refit the vehicle's interior filter



### Refresh-o-mat heavy-duty ultrasonic atomiser

For professional use in workshops: Ultrasonic technology eliminates bacteria and smells

- Robust stainless steel housing
- Integrated power transformer
- Atomises up to 400 ml of cleaner fluid (also suitable for large vehicles such as buses)

#### Specifications:

Power supply: 230 volts AC/50 Hz  
Atomiser capacity: approx. 383 l/h  
Dimensions (WxHxD): 150 x 280 x 400 mm (incl. outlet tube)  
**Optional extra:** Adapter kit for treatment of air ducts

Refresh-o-mat HD  
Hose set

Ref. No. 8885300096  
Ref. No. 8885300097

Air conditioner cleaner, 1 litre capacity, sufficient for approx. 10 applications

Ref. No. 8887400008



ALSO SUITABLE  
FOR INTERIOR  
CLEANING



CLEANING &  
DISINFECTION

### Ozone generators

Effectively eliminates unpleasant odours through oxidation with ozone

- Suitable for odour decontamination in vehicles and other interiors
- Effectively eliminates intensive odours (e.g. nicotine, mould and animal smell, lactic acid, vomit, diesel or fuel oil)
- Compact unit in a sturdy stainless steel housing
- Supplied with a flexible tube for blowing the ozone into the air duct

#### Heavy-Duty ozone generator

**Specifications:** Power supply 230 volts AC, Output approx. 1000 mg/h  
**Scope of delivery:** Heavy-duty ozone generator, 230 volt connection cable, blow-off tube

Heavy-duty ozone generator

Ref. No. 8885300140



#### Ozone generator

Power supply 12 volts DC, Output approx. 500 mg/h  
**Scope of delivery:** Ozone generator, 12-volt cigarette lighter plug, adapter plug, blow-off tube

Ozone generator

Ref. No. 8885300105



A blue-tinted photograph of a male technician with glasses and a cap, working on a car's dashboard. He is holding a handheld electronic diagnostic device with a screen and a probe connected to the car's internal components. The background shows the interior of the vehicle, including the dashboard and air vents.

# TOOLS & ASSORTMENTS

Space is often in short supply in today's engine compartments. Therefore, automotive manufacturers are also using concealed areas to accommodate air conditioner components. On some models (e.g. 5-Series BMW, Ford, Volvo, Mercedes-Benz SLK) the high-pressure-side service port is mounted near the bonnet lock bracket, inaccessible with a standard A/C service coupler. WAECO AirCon Service has developed a matching service tool for easy access to the port.

Factory-fitted automotive air conditioners, especially those made by **Ford, Volkswagen and Opel**, come with spring lock couplers for

quick fitting of refrigerant lines. To release these couplers you will need special tools, which WAECO supply.

Repair work on automotive air conditioning systems often involves the replacement of **small parts, such as valve cores and O-rings**. To have everything ready at hand, you need a well organised storage system with parts for specific vehicles. WAECO workshop kits include all essential parts, clearly arranged and handily organised in metal cases. The spectrum ranges from plugs to prevent moisture and contaminants from entering an open A/C system to O-ring sets for factory-fitted and retrofit A/C systems.

### Miniature identifier

The identifier helps you to check the quality and presence of R134a or R1234yf in vehicle A/C systems and storage bottles

- Handy unit for simple and fast application; automatically guides the user is step by step through the application
- Shows the test result within a short period of time
- Protects your valuable A/C service unit from damage by contaminated refrigerants
- Designed for mobile use with batteries, independent of the mains
- Checks the refrigerant for illegal mixtures (imports)
- Detects non-condensable gases in the refrigerant
- Impact-resistant casing, for workshop use



Miniature identifier, **R134a**  
Miniature identifier, **R1234yf**

Ref. No. 8885100135  
Ref. No. 8885100165

## LCD digital thermometer

For the exact measurement of air temperatures

- Extra-large, easy-to-read digital display
- Long probe (213 mm), excellent measuring accuracy



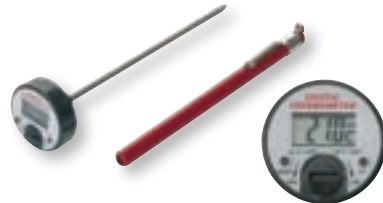
LCD digital thermometer

Ref. No. 8885100072

## Digital pocket thermometer

For reception testing of automotive A/C systems

- Extremely compact design allows measuring of air outlet temperature directly at the centre air vents
- Easy-to-read display



Digital pocket thermometer

Ref. No. 8885100059

## Infrared laser thermometer

## Contact-free temperature measurements for automotive uses

- Ideal for measuring the air outlet temperature at the air vents
- Quick temperature checks on condenser surface or heat exchanger
- Integrated laser pointer for precise positioning of the measuring beam – exact measurements even over longish distances



Infrared laser thermometer

Ref. No. 8885100062

### Pressure meter R134a (low pressure side)

Pressure meter for measuring the pressure in the A/C system

- Ideal for quick check at service reception
- High-quality, impact protected housing
- Easy-grip coating for optimum handling in the workshop



Pressure meter

Ref. No. 8885100096

R134a R513A

### Pressure meter R1234yf (low pressure side)

Pressure meter for measuring the pressure in the A/C system

- Ideal for quick check at service reception
- High-quality, impact protected housing
- Easy-grip coating for optimum handling in the workshop



Pressure meter

Ref. No. 8885100146

R1234yf

Service quick coupler HP

For **hard-to-access** service ports

- Suitable for BMW E60 and others; Volvo S80, S60 and younger models; Mercedes M-Class; all Chrysler (USA) models and all Asian vehicles

|                          |                     |                                                                                     |
|--------------------------|---------------------|-------------------------------------------------------------------------------------|
| Service quick coupler HP | Ref. No. 8885400227 |  |
|--------------------------|---------------------|-------------------------------------------------------------------------------------|

Service quick coupler LP

For **hard-to-access** service ports

- Suitable for Jaguar XJ (new) and all Asian vehicles

|                          |                     |                                                                                     |
|--------------------------|---------------------|-------------------------------------------------------------------------------------|
| Service quick coupler LP | Ref. No. 8885400228 |  |
|--------------------------|---------------------|-------------------------------------------------------------------------------------|

Service quick coupler HP

For **hard-to-access** service ports

- For Ford, Volvo and other vehicles

|                          |                     |                                                                                      |
|--------------------------|---------------------|--------------------------------------------------------------------------------------|
| Service quick coupler HP | Ref. No. 8885400340 |  |
|--------------------------|---------------------|--------------------------------------------------------------------------------------|

Service quick coupler LP

For **hard-to-access** service ports

|                          |                     |                                                                                       |
|--------------------------|---------------------|---------------------------------------------------------------------------------------|
| Service quick coupler LP | Ref. No. 8885400345 |  |
|--------------------------|---------------------|---------------------------------------------------------------------------------------|

Service quick coupler HP to LP

Custom-made service quick coupler for various Renault vehicles, e.g. Laguna

- Adapter HP to LP

|                                |                     |                                                                                       |
|--------------------------------|---------------------|---------------------------------------------------------------------------------------|
| Service quick coupler HP to LP | Ref. No. 8885400098 |  |
|--------------------------------|---------------------|---------------------------------------------------------------------------------------|

Solenoid valve opener, 17 – 20 mm

Tool for opening solenoid valves. For use on buses.

- Opens locked refrigerant circuits
- Can be used for 17 – 20 mm solenoid valve coils

|                       |                     |                                                                                       |
|-----------------------|---------------------|---------------------------------------------------------------------------------------|
| Solenoid valve opener | Ref. No. 8885300259 |  |
|-----------------------|---------------------|---------------------------------------------------------------------------------------|

Spring lock repair and disconnect set, 8 items

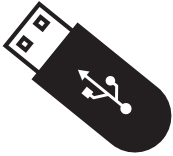
For service work on spring lock connections

- Spring lock connections can be released or repaired to ensure durable leak protection
- Suitable for Audi, VW, Citroën, Chrysler, Ford, Hyundai, Peugeot, PSA, Renault, Opel, GM, Vauxhall, Seat and Skoda cars

|                                                                                                                                          |                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Disconnect tool set for releasing spring lock connections. Can also be supplied separately. Not suitable for GM, Opel and Vauxhall cars. |  |
| SK44, spring lock disconnect set                                                                                                         | Ref. No. 8885300126                                                                 |
| Disconnect set                                                                                                                           | Ref. No. 8885300044                                                                 |

USB stick with software update for the new ASC G-series

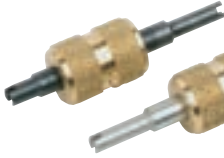
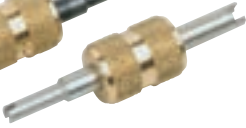
Software updates for the new ASC G-series by USB stick

|           |                     |                                                                                     |
|-----------|---------------------|-------------------------------------------------------------------------------------|
| USB stick | Ref. No. 4441000174 |  |
|-----------|---------------------|-------------------------------------------------------------------------------------|

Valve fitting tools

Fitting tool for Schrader valves used in R134a A/C systems, e.g. on Ford or Japanese vehicles

- For high and low pressure side; connection diameters: 6.3 and 4.5 mm

|                                       |                     |                                                                                       |
|---------------------------------------|---------------------|---------------------------------------------------------------------------------------|
| For Ford or Japanese vehicles         | Ref. No. 8885300037 |  |
| For Ford, French or Japanese vehicles | Ref. No. 8885300035 |  |

Charging hoses and vacuum hoses for ASC series 5000 and 6000

Service hoses in various colours for all applications in A/C fitting and service

- Suitable for all commonly available refrigerants
- Highly flexible material allows use even in hard-to-access areas of automotive A/C systems
- Connection thread as per SAE standard

|                             |                     |
|-----------------------------|---------------------|
| Red hose, 1800 mm           | Ref. No. 8885100005 |
| Blue hose, 1800 mm          | Ref. No. 8885100006 |
| Yellow hose, 1800 mm        | Ref. No. 8885100007 |
| Spare seal (neopren, black) | Ref. No. 8885400022 |
| Spare seal (PTFE, white)    | Ref. No. 8885400023 |

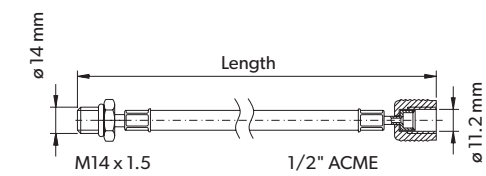
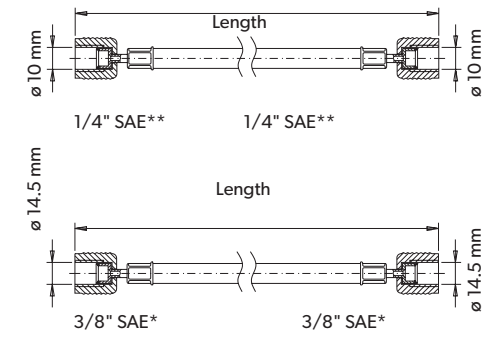
|                                                  |                     |
|--------------------------------------------------|---------------------|
| Red hose, 1800 mm                                | Ref. No. 8885100008 |
| Red hose, 5000 mm                                | Ref. No. 8885100024 |
| Blue hose, 1800 mm                               | Ref. No. 8885100009 |
| Blue hose, 5000 mm                               | Ref. No. 8885100023 |
| Yellow hose, 1800 mm                             | Ref. No. 8885100010 |
| Spare seal, sales pack: 10 pcs. (neopren, black) | Ref. No. 8881500037 |

|                                  |                     |
|----------------------------------|---------------------|
| Red hose, 1800 mm                | Ref. No. 8885100011 |
| Red hose, 3000 mm, standard ASC  | Ref. No. 8885100065 |
| Red hose, 5000 mm                | Ref. No. 8885100026 |
| Red hose, 8000 mm                | Ref. No. 8885100028 |
| Blue hose, 1800 mm               | Ref. No. 8885100012 |
| Blue hose, 3000 mm, standard ASC | Ref. No. 8885100064 |
| Blue hose, 5000 mm               | Ref. No. 8885100025 |
| Blue hose, 8000 mm               | Ref. No. 8885100027 |
| Spare seal                       | Ref. No. 8881500034 |

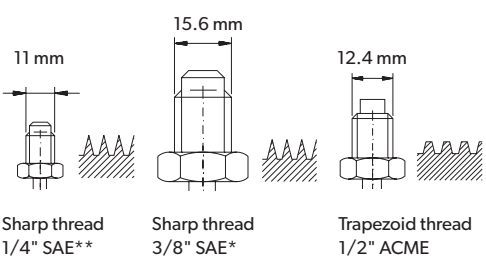
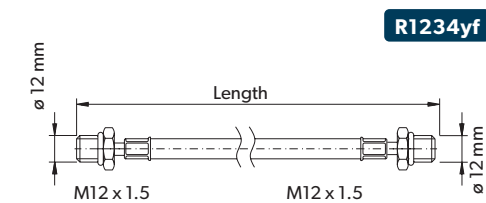
Charging hoses and vacuum hoses

|                    |                     |
|--------------------|---------------------|
| Red hose, 3000 mm  | Ref. No. 4440600175 |
| Blue hose, 3000 mm | Ref. No. 4440600176 |
| Red hose, 5000 mm  | Ref. No. 8885100154 |
| Blue hose, 5000 mm | Ref. No. 8885100153 |
| Red hose, 8000 mm  | Ref. No. 8885100172 |
| Blue hose, 8000 mm | Ref. No. 8885100173 |

\* 3/8" SAE = 5/8" UNF,  
\*\* 1/4" SAE = 7/16" UNF



For connection to A/C service units RHS-910, RHS-950 and RHS-1050, the adapter 8885400038 is required.



Charging hoses and vacuum hoses for ASC 7-series

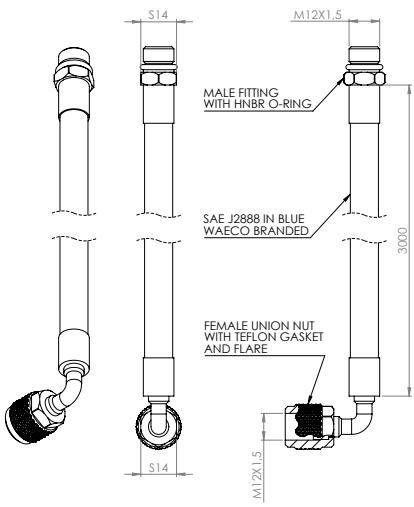
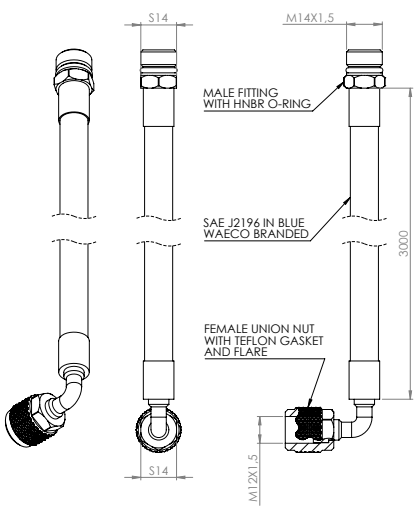
LP: Blue hose, HP: red hose

Hoses for R134a

|                      |                     |
|----------------------|---------------------|
| LP Hose ASC S7k, 3 m | Ref. No. 8885100179 |
| HP Hose ASC S7k, 3 m | Ref. No. 8885100180 |
| LP Hose ASC S7k, 5 m | Ref. No. 8885100181 |
| HP Hose ASC S7k, 5 m | Ref. No. 8885100182 |
| LP Hose ASC S7k, 8 m | Ref. No. 8885100183 |
| HP Hose ASC S7k, 8 m | Ref. No. 8885100184 |

Hoses for R1234yf

|                     |                     |
|---------------------|---------------------|
| LP Hose ASC S7k 3 m | Ref. No. 8885100185 |
| HP Hose ASC S7k 3 m | Ref. No. 8885100186 |
| LP Hose ASC S7k 5 m | Ref. No. 8885100187 |
| HP Hose ASC S7k 5 m | Ref. No. 8885100188 |
| LP Hose ASC S7k 8 m | Ref. No. 8885100189 |
| HP Hose ASC S7k 8 m | Ref. No. 8885100190 |



R134a

R1234yf

Adapters and couplers

| Ref. No.                                             | Description                                                                                                                                                                                                                                                                                                                |                                                                                       |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 8885400129                                           | Connection adapter for reusable refrigerant bottle with seal                                                                                                                                                                                                                                                               |    |
| 4440600244                                           | Seal for connection adapter 8885400129                                                                                                                                                                                                                                                                                     |    |
| 8885400024<br>8885400025<br>8885400089<br>8885400090 | Service quick coupler, low pressure, for R134a with 3/8" SAE outside thread<br>Service quick coupler, high pressure, for R134a with 3/8" SAE outside thread<br>Service quick coupler, low pressure, for R134a with 1/4" SAE outside thread<br>Service quick coupler, high pressure, for R134a with 1/4" SAE outside thread |    |
| 8885400026<br>8885400027                             | Service quick coupler, low pressure, for R134a with M14 x 1.5 inside thread<br>Service quick coupler, high pressure, for R134a with M14 x 1.5 inside thread                                                                                                                                                                |    |
| 8885400373<br>8885400374                             | Service quick coupler LP, R744<br>Service quick coupler HP, R744                                                                                                                                                                                                                                                           |   |
| 8885400375<br>8885400376                             | Service quick coupler, LP with M14x1.5 female (WAECO Aircon Service)<br>Service quick coupler, HP with M14x1.5 female (WAECO Aircon Service)                                                                                                                                                                               |  |
| 8885400369<br>8885400370                             | Service quick coupler LP for R1234yf (WAECO AirCon Service)<br>Service quick coupler HP for R1234yf (WAECO AirCon Service)                                                                                                                                                                                                 |  |
| 8881500090<br>8881500088                             | Service port low pressure, R134a, with outside thread, for Mercedes-Benz, Porsche, BMW, MAN, Opel<br>Service port low pressure, R134a, with inside thread, for VW, Audi, Ford, Chrysler                                                                                                                                    |  |
| 8881500087<br>8881500089                             | Service port, high pressure, R134a, with outside thread, for Mercedes-Benz, Porsche, BMW, MAN, Opel<br>Service port, high pressure, R134a, with outside thread, for VW, Audi, Ford, Chrysler                                                                                                                               |  |
| 8881500007<br>8881500006                             | Sealing cap for service port, R134a, low pressure<br>Sealing cap for service port, R134a, high pressure                                                                                                                                                                                                                    |  |
| 8881500887<br>8881500888                             | Sealing cap for service port, R134a, high pressure, for Japanese A/C systems<br>Sealing cap for service port, R134a, low pressure, for Japanese A/C systems                                                                                                                                                                |  |

| Ref. No.                 | Description                                                                                                                                                                               |                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 8885400033<br>8885400082 | Connection adapter with 1/4" SAE inside thread and connection for R134a service quick coupler, low-pressure side<br>Connection adapter with 1/4" SAE inside thread for high-pressure side |    |
| 8881500013<br>8881500014 | 90° retrofit adapter for the high-pressure side with 1/4" inside thread<br>90° retrofit adapter for the high-pressure side with 3/16" inside thread                                       |    |
| 8881500015               | 90° retrofit adapter for the low-pressure side with 1/4" inside thread                                                                                                                    |    |
| 8885400036               | Retrofit adapter, straight, comprising one high-pressure and one low-pressure adapter, each with 1/4" inside thread                                                                       |    |
| 8885400038               | Adapter 1/4" SAE inside thread x 1/2" ACME outside thread                                                                                                                                 |    |
| 8885400050               | Adapter 1/4" SAE inside thread x 3/8" SAE outside thread                                                                                                                                  |  |
| 8885400051               | Adapter 3/8" SAE inside thread x 1/4" SAE outside thread                                                                                                                                  |  |
| 8885400034<br>8885400035 | Adapter 1/4" x low-pressure side, R134a<br>Adapter 1/4" x high-pressure side, R134a                                                                                                       |  |
| 4440600148<br>4440600244 | Adapter for R1234yf refrigerant bottles, for large bottle valves -> HP<br>Seal for connection adapter 4440600148                                                                          |  |
| 8885400238               | Adapter for R1234yf refrigerant bottles, ½" ACME left -> HP                                                                                                                               |  |
| 8885400365               | Adapter M12-1.5 x 1/4" SAE                                                                                                                                                                |  |
| 8885400081               | Adapter M14-1.5 x 1/4" SAE                                                                                                                                                                |  |

Set of chip filters, 60 items

Filter catches contaminants coming from the system to protect the compressor

- Keeps the compressor free from chips, recommended e.g. when a new one was fitted
- Easy to fit; no need to cut pipes or insert fittings
- Choice of sizes to suit different A/C systems
- Scope of delivery: 60 filters in 20 different sizes, SK47 including tool

|                                             |                     |
|---------------------------------------------|---------------------|
| SK47, with tools                            | Ref. No. 8885300128 |
| Filter for Audi A3, VW Golf V and VW Touran | Ref. No. 8887300038 |
| Chip filter 22 mm, set of 3 items           | Ref. No. 8887300019 |
| Chip filter 23 mm, set of 3 items           | Ref. No. 8887300020 |



Original replacement O-rings, 500 items

For all common types of cars

To save you from time-consuming procurement processes, we have put together a professional set of O-rings to replace virtually all O-ring connections on original A/C systems of the following makes: Alfa-Romeo, Audi, BMW, Citroën, Fiat, Ford, Honda, Hyundai, Jaguar, Mazda, Mercedes-Benz, Mitsubishi, Nissan, Opel, Peugeot, Porsche, Renault, Rover, Saab, Subaru, Suzuki, Toyota, Volkswagen, Volvo

|                                                |                     |
|------------------------------------------------|---------------------|
| SK31, set of O-rings for cars, R134a + R1234yf | Ref. No. 8885300264 |
|------------------------------------------------|---------------------|



O-rings now  
in HNBR70

Original replacement O-rings, 330 items

For all common types of trucks and vans

(330 items)

|                                 |                     |
|---------------------------------|---------------------|
| SK32, set of O-rings for trucks | Ref. No. 8885300119 |
|---------------------------------|---------------------|



Set of valve cores, 70 items

Set of valve cores – avoids time-consuming search and procurement

Scope of delivery: 10x Valve cores R134a, 10x Valve cores R134a for Japanese make A/C systems, 10x Valve cores R134a for Ford/Opel, 5x Sealing caps for service port R134a high pressure, 5x Sealing caps for service port R134a low pressure, 5x Sealing caps for service port R134a high pressure for Japanese make A/C systems, 5x Sealing caps for service port R134a low pressure for Japanese make A/C systems, 5x Service ports high pressure R134a with outside thread or Mercedes-Benz/Porsche BMW/MAN/Opel, 5x Service ports low pressure R134a with inside thread for VW/Audi/Ford/Chrysler, 5x Service ports high pressure R134a with inside thread for VW/Audi/Ford/Chrysler, 5x Service ports low pressure R134a with outside thread for Mercedes-Benz/Porsche/BMW/MAN/Opel

|                          |                     |
|--------------------------|---------------------|
| SK25, set of valve cores | Ref. No. 8885300116 |
|--------------------------|---------------------|



R134a

Set of valve cores, 265 items

Set of valve cores – avoids time-consuming search and procurement

- Professional set with valves, dust caps and cores
- For nearly all car brands in the market
- Tool included

|                    |                     |
|--------------------|---------------------|
| Set of valve cores | Ref. No. 8885300268 |
|--------------------|---------------------|



R134a

R1234yf

TOOLS & ASSORTMENTS

O-rings for R134a refrigerant on retrofit A/C systems, 200 items

This workshop kit contains all the O-rings needed for servicing work on retrofitted A/C systems

|                                                 |                     |
|-------------------------------------------------|---------------------|
| Scope of delivery:                              |                     |
| 10 Valves R134a                                 | Ref. No. 8881500001 |
| 5 R134a charging valves for Japanese make units | Ref. No. 8881500002 |
| 30 O-rings 6 R134a                              | Ref. No. 8881500008 |
| 30 O-rings 8 R134a                              | Ref. No. 8881500009 |
| 30 O-rings 10 R134a                             | Ref. No. 8881500010 |
| 30 O-rings 12 R134a                             | Ref. No. 8881500011 |
| 10 O-rings 6-6/16"                              | Ref. No. 8881500012 |
| 2 O-rings for compressor                        | Ref. No. 8881500020 |
| 10 O-rings for compressor                       | Ref. No. 8881500130 |
| 3 Seals for charging hose 1/4"                  | Ref. No. 8885400023 |
| 10 O-ring pressure switches, outside thread     | Ref. No. 8881500055 |
| 10 O-ring pressure switches, inside thread      | Ref. No. 8881500033 |
| 3 Seals R134a for service hose                  | Ref. No. 8881500034 |
| 10 Seals OR                                     | Ref. No. 8881500036 |
| 10 Seals for charging hose                      | Ref. No. 8885400037 |
| 5 O-rings for charging hose R134a               | Ref. No. 8881500041 |

|                      |                     |
|----------------------|---------------------|
| SK06, set of O-rings | Ref. No. 8885300114 |
|----------------------|---------------------|



Original replacement special O-rings for various French make car A/C systems, 44 items

12 different designs / dimensions. The ideal supplement to the SK 31 basic set.

SK39, set of special O-ringsRef. No. 8885300109



Original replacement special O-rings for various German make car A/C systems, 84 items

7 different designs / dimensions. The ideal supplement to the SK 31 basic set.

SK40, set of special O-ringsRef. No. 8885300110



Universal oil for the coating of O-rings in vehicle A/C systems

For all common types of trucks and vans

- Small and compact can (100 ml) with brush in the cap
- New O-rings need to be coated with oil so that they achieve a good sealing effect when sliding. The threads must also be coated
- Compatible with nearly all lubricants and suitable for all kinds of refrigerants
- Does not absorb moisture (non-hygroscopic)



Universal oil for the coating of O-rings in vehicle A/C systemsRef. No. 8887200047

WAECO EASY REPAIR SETS  
FOR ALUMINIUM REFRIGERANT PIPES

Replacing a damaged refrigerant pipe is a time-consuming task, and it's costly for the customer, too. A much faster alternative in most cases is to repair the defective pipe. Simply cut out the defective section with a saw, insert the matching connection sleeve from the WAECO Easy Repair Set, tighten it and you are done! There's no need for any special tools. You save precious time, and your customer is happy about the much lower bill. Treat

your customers to this practical and cost-efficient alternative to a complete replacement!

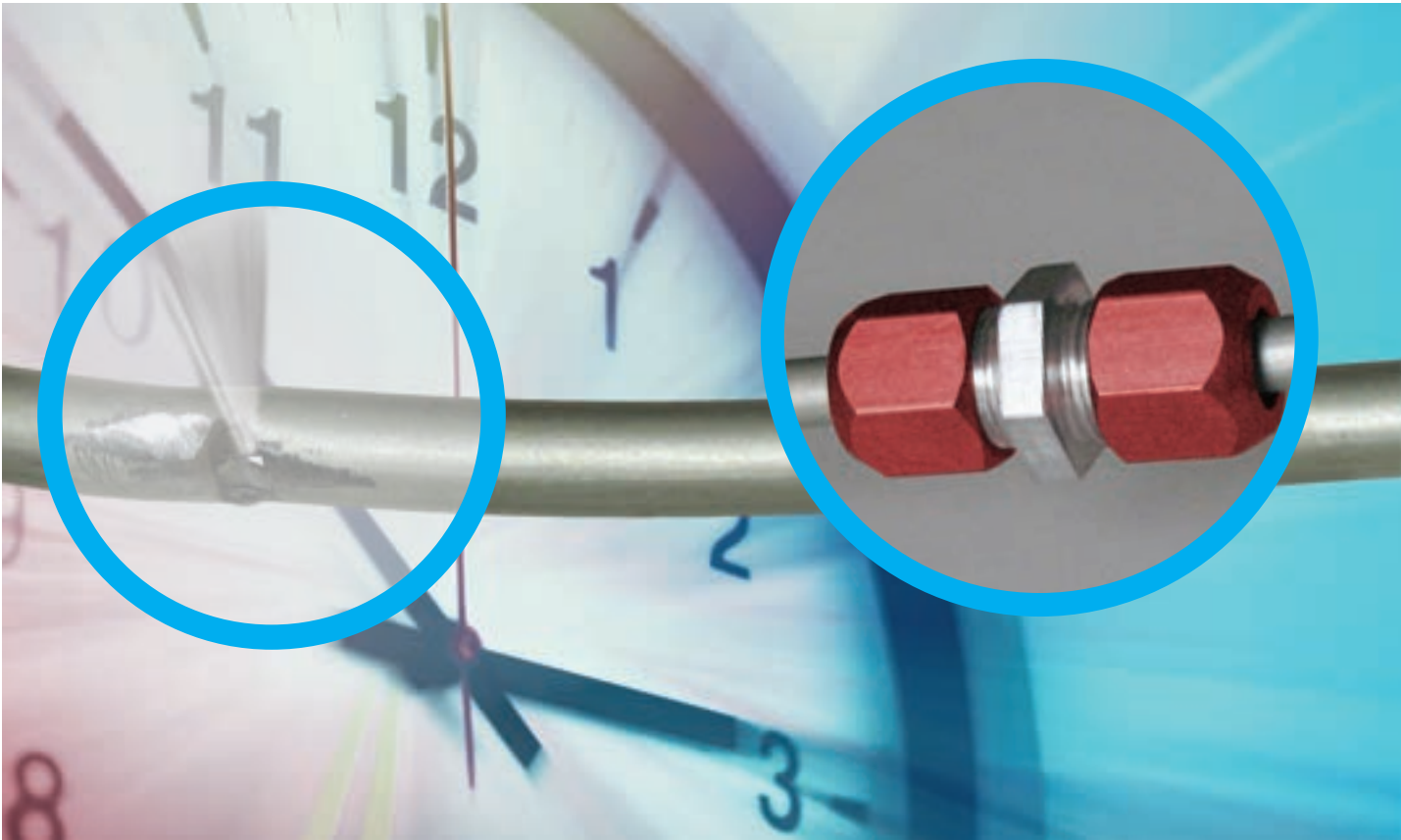
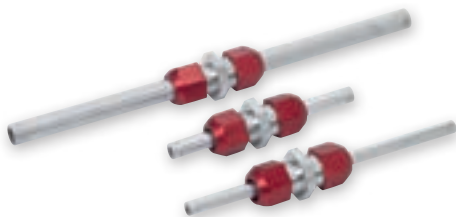
Easy repair set for aluminium refrigerant pipes

For easy repair of damaged pipes

- Low-cost alternative to fitting a new refrigerant pipe
- No special tools required

Repair kit for 1/2" pipes  
Repair kit for 3/8" pipes  
Repair kit for 5/16" pipes  
Repair kit for 5/8" pipes  
Set of seals for 1/2", 3/8", 5/16" pipes

Ref. No. 8885400119  
Ref. No. 8885400120  
Ref. No. 8885400121  
Ref. No. 8885400123  
Ref. No. 8885400122

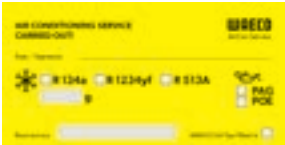




# WAECO'S MOST WANTED

| Ref. No.                                             | Description                                                                                                                                                                                 |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9103303116                                           | <b>ASC 7.3 service unit</b><br>                                                                            |
| 9103303117                                           | <b>ASC 7.3 LE service unit</b><br>Low Emission<br>                                                         |
| 9103303118                                           | <b>ASC 7.4 service unit</b><br>                                                                            |
| 9103303119                                           | <b>ASC 7.4 LE service unit</b><br>Low Emission<br>                                                        |
| 8885500019<br>8885500020<br>8885500021<br>8885500025 | <b>7-series connection kits R134a</b><br>3 m hoses<br>5 m hoses<br>8 m hoses<br>8 m hoses, Bus / POE<br> |
| 8885500022<br>8885500023<br>8885500024               | <b>7-series connection kits R1234yf</b><br>3 m hoses<br>5 m hoses<br>8 m hoses<br>                       |

| Ref. No.                                             | Description                                                                                                                                                                                    |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9103301896                                           | <b>ASC 5500 G RPA service unit</b><br>For R1234yf<br>Low Emission<br>                                       |
| 9103303104                                           | <b>ASC 6100 G service unit</b><br>                                                                          |
| 8885500008<br>8885500009<br>8885500010<br>8885500014 | <b>6000-series connection kits R134a</b><br>3 m hoses<br>5 m hoses<br>8 m hoses<br>8 m hoses, Bus / POE<br> |
| 8885500011<br>8885500012<br>8885500013               | <b>6000-series connection kits R1234yf</b><br>3 m hoses<br>5 m hoses<br>8 m hoses<br>                      |
| 8885100178                                           | <b>R744 Upgrade Kit</b><br>                                                                               |

| Ref. No.                                                                                                     | Description                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8887300007                                                                                                   | <b>Service stickers</b><br>Sales pack: 5 pcs.<br>                                                                                                                                                              |
| 8887100007                                                                                                   | <b>Refrigerant R134a</b><br>12 kg Refill only<br>                                                                                                                                                              |
| 8887100019<br>8887100050                                                                                     | <b>Refrigerant R1234yf</b> , 5 kg Refill only<br>R1234yf, 10 kg Refill only<br>                                                                                                                                |
| 8887100053                                                                                                   | <b>Refrigerant R744</b> , 10 kg Refill only<br>                                                                                                                                                               |
| 8887200059<br>8887200021                                                                                     | <b>R134a original oils</b><br>WDHO PS, 500 ml<br>Denso ND8, 500 ml<br>                                                                                                                                       |
| 8887200001<br>8887200013<br>8887200002<br>8887200014<br>8887200008<br>8887200019<br>8887200017<br>8887200028 | <b>R134a aftermarket</b><br>PAG ISO 46, 250 ml<br>PAG ISO 46, 500 ml<br>PAG ISO 100, 250 ml<br>PAG ISO 100, 500 ml<br>PAG ISO 150, 250 ml<br>PAG ISO 150, 500 ml<br>PAO, ISO 68, 500 ml<br>SE 55, 500 ml<br> |
| 8887200063<br>8887200079<br>8887200076<br>8887200039<br>8887200046                                           | <b>R1234yf original oils</b><br>WDHO 1234yf, 500 ml<br>ND12, 500 ml<br>Denso ND12, 250 ml<br>SPA2, 500 ml<br>VC200yf, 500 ml<br>                                                                             |
| 8887200041<br>8887200042                                                                                     | <b>R1234yf aftermarket oils</b><br>PAGyf, ISO 46, 250 ml<br>PAGyf, ISO 46, 500 ml<br>                                                                                                                        |

| Ref. No.                                                           | Description                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8887200072<br>8887200076<br>8887200073                             | <b>R134a/R1234yf original oils, POE oils</b><br>RB100 EV, 150 ml<br>RB68, 150 ml<br>Denso ND11, 150 ml<br>                                                                 |
| 8887200067<br>8887200069<br>8887200072<br>8887200076<br>8887200073 | <b>Prof. oil system for third-party service units*</b><br>WDHO PS, 150 ml<br>WDHO 1234yf, 150 ml<br>POE oils<br>RB100 EV, 150 ml<br>RB68, 150 ml<br>Denso ND11, 150 ml<br> |
| 8887200009                                                         | <b>Universal PAO ISO 68 compressor oil</b><br>1000 ml<br>                                                                                                                  |
| 8887200047                                                         | <b>Universal oil for the coating of O-rings in vehicle A/C systems</b><br>100 ml<br>                                                                                     |
| 8887200018<br>8887200081                                           | <b>Vacuum pump oil</b><br>HT 32<br>1000 ml<br>500ml<br>                                                                                                                  |
| 8887300018                                                         | <b>Leak detection spray</b><br>500 ml<br>                                                                                                                                |
| 8887600010<br>8887600028                                           | <b>WAECO UV Tracer PAG, R134a</b><br>Profi oil system*, 150 ml, R134a<br>Profi oil system*, 500 ml, R134a<br>                                                            |
| Similar pictures                                                   |                                                                                                                                                                                                                                                               |

\* Adapter see page 43

| Ref. No.   | Description                                                                                                                |
|------------|----------------------------------------------------------------------------------------------------------------------------|
| 8887600027 | <b>WAECO UV Tracer<br/>PAG, R134a</b><br>For refrigeration and air conditioning systems (R134a/PAG oil), 250 ml            |
| 8887600006 | <b>TRACER cartridges</b>                                                                                                   |
| 8887600005 | <b>TRACER sticks</b><br>for R134a in combination with PAG oil<br>sales pack: 6 pcs.                                        |
| 8887600012 | <b>WAECO UV Tracer<br/>PAG / SPA2, R1234yf</b><br>Profi oil system*, 150 ml, R 12334yf                                     |
| 8887600030 | Profi oil system*, 500 ml, R1234yf                                                                                         |
| 8887600029 | <b>WAECO UV Tracer<br/>PAG / SPA2, R1234yf</b><br>For refrigeration and air conditioning systems (R1234yf/PAG oil), 250 ml |
| 8887600031 | <b>WAECO UV Tracer<br/>POE / RB100EV</b><br>POE oil based<br>150 ml can                                                    |
| 8887600004 | <b>UV dye injection kit<br/>for hybrid vehicles</b>                                                                        |
| 8887600009 | <b>TRACER UV dye<br/>for R 744</b><br>150 ml can,<br>based on ACC HV oil                                                   |

\* Adapter see page 43

| Ref. No.   | Description                                                                       |
|------------|-----------------------------------------------------------------------------------|
| 8887600024 | <b>WAECO UV Tracer</b><br>for oils and fuels,<br>sales pack: 6 pcs.               |
| 8887600025 | for cooling water<br>sales pack: 6 pcs.                                           |
| 8887400008 | <b>Air conditioner cleaner</b><br>1000 ml                                         |
| 8887400018 | <b>Aircon Ready Refresh</b><br>Aircon cleaner on a probiotic basis<br>12 x 150 ml |
| 8885300096 | <b>Refresh-o-mat HD</b>                                                           |
| 8885300140 | <b>HD Ozone generator</b>                                                         |
| 8885300105 | <b>Ozone generator</b>                                                            |

# WAECO AIRCON PARTS

## ENGINEERING AND PORTFOLIO MANAGEMENT IN GERMANY

### WAECO – THE NATURAL CHOICE FOR AIRCON PARTS

The development and management of the WAECO AirCon Parts range is in the hands of experienced WAECO specialists who maintain excellent contacts with the automotive industry and all major trade associations. Thanks to the accurate work of our engineers and the careful manufacturing by hand-picked, long-term production partners, you can rest assured that each part fits like a glove and can be installed without hassle in your workshop.

We are 100% convinced by the quality of our offer. All products in the WAECO AirCon Parts range are inspected on a regular basis by recognized, independent institutes – and they score excellent results in the tests! In the unlikely event of defects we will refund the material and the labour costs according to the commonly used Eurotax rates. You can take our word for it.



### QUALITY

An in-house experimental lab, the cooperation with specialized manufacturers as well as comprehensive product testing ensure that WAECO AirCon Parts are just as easy to install as the original they replace.

### KNOW-HOW

Dometic WAECO has been known as the specialist in AirCon solutions for all kinds of vehicles for over 40 years. Your will benefit from our wealth of know-how with every original replacement part you order from us.

### TESTING

WAECO AirCon Parts are inspected by independent technical institutes (e.g. TWK Karlsruhe) – with excellent results. Their high quality level is also documented by the certification according to Commission Regulation (EU) No. 461/2010.

FIND THE WAECO  
AIRCON PARTS YOU NEED  
ON OUR WEBSITE:



[waeco.com/en/de/oe-catalogue](https://waeco.com/en/de/oe-catalogue)

**WAECO Germany WSE GmbH**  
Hollefeldstraße 63  
48282 Emsdetten



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waeco.com

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