

- | Parking aids
- | Cruise controls
- | Seating comfort
- | Car alarms
- | Battery chargers
- | Battery care
- | Electronic accessories
- | Coolers

## More Driving Pleasure

The comprehensive accessory range for the car

Automotive

| 2009

# Contact

More Driving Pleasure

2009

**WAECO**  
mobile solutions

## Enjoying life on the road

Most of us feel the same about our cars. While personal mobility has always been important, a car is far more than just an expensive asset. It sets us free and lets us have fun. Just get in and go. Feel what it is like to be the master of a finely tuned machine and experience the adrenaline as you pick up speed – wow! Excitement and relaxation at the same time ... can it get any better?

Of course it can, thanks to Dometic WAECO's extensive range of tailored safety and comfort accessories that can simply be retrofitted to your vehicle. The addition of parking aid, cruise control, added seat comfort or an on-board fridge will make your car that bit more attractive and keep the joy of driving alive.

## Web contact to Dometic WAECO

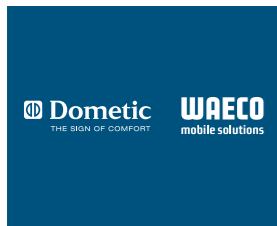
**[www.dometic-waeco.com](http://www.dometic-waeco.com)**

**[info@dometic-waeco.com](mailto:info@dometic-waeco.com)**

Always a good link: the Dometic WAECO website. That's where you will find the complete product range. You'll get a clear view of the products along with detailed information. Plus interesting news about our company and the latest special offers. And of course you can order all our catalogues online.

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More Driving Pleasure 2009



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## Dometic WAECO as your OEM partner

Our know-how for the automobile

WAECO has not only made a name for itself among end users, but with leading vehicle manufacturers as well. They appreciate our exceptional competence in the fields of mobile refrigeration and electronics, and they know we meet the high demands on quality in the OEM sector. Many of them choose our innovative product solutions as original equipment for their vehicles. From the **BordBar right through to the integrated inverter** – choose Dometic WAECO factory direct!

Intelligent products incorporating technology which is partly unique, reliable quality and a fair price/performance ratio. Being partner to the vehicle industry, we support our customers from the initial concept to the finished product. In doing so we provide our competence in development, production and delivery on a global level.

**To create ideas for even more dynamic products, even more quality and variety ... in short: for a first-class programme of automotive accessories.**

### Luxury as standard (a selection of references)

- **Ford Flex (USA):** console cooler with compressor technology
- **Land Rover (UK):** thermoelectric console cooler
- **Audi Q7 (Germany):** console cooler with compressor technology
- **Mercedes Benz S-Class (Germany):** car cooler with compressor technology
- **BMW 7-Series (Germany):** car cooler with compressor technology



Dometic WAECO compressor BordBar in the middle console: BMW 7-Series



Dometic WAECO thermoelectric BordBar in the middle console: Land Rover Discovery 3 and Range Rover Sport



Dometic WAECO compressor BordBar in the middle console: Mercedes-Benz S-Class

### 230 volts in the VW Passat – and in other cars too

Volkswagen's Passat was the first to have it. Then it made its entrance into other VW models, the Touareg, Jetta and Golf Plus. Before long, it will be integrated into the Audi A4 and A5 as well: a 230-volt Euro socket generating up to 300 watts alternating current. Its secret is a tailor-made inverter, backed by a wealth of electronics expertise of Dometic WAECO.

All this combined has convinced decision makers in Wolfsburg and elsewhere ...



Convenient 230-volt socket for power on the move

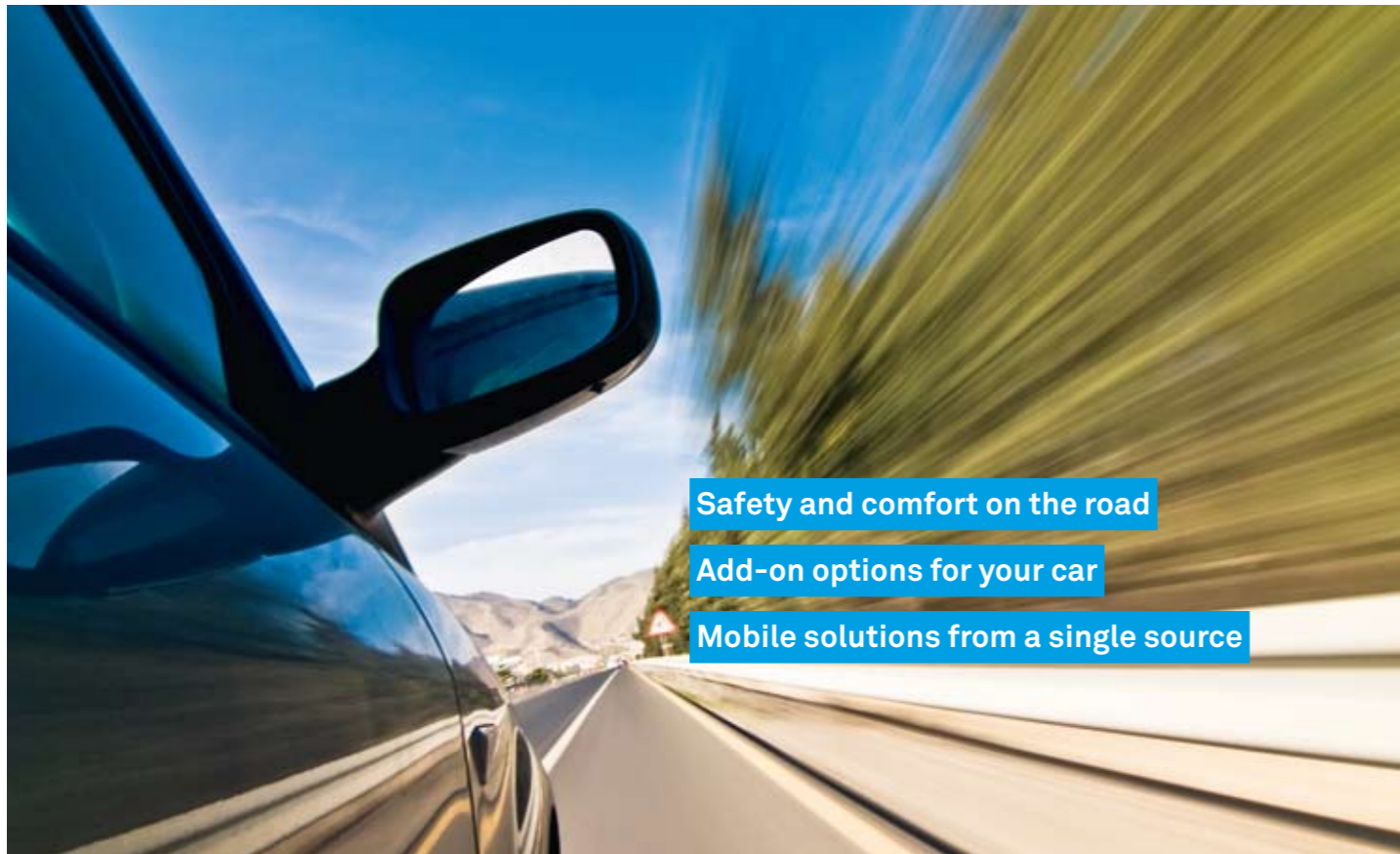
More and more European series-produced vehicle come with a 230-volt Euro socket. The required alternating voltage is generated by a WAECO inverter.

### Dometic WAECO – the twin peak for more driving pleasure

Improving what is good already – an aim Dometic and WAECO have shared all along. Now both brands pursue this aim in a mutual effort. Their competencies in product development, manufacturing and logistics complement one another in an ideal manner, a fact which benefits their partners, too.



[www.dometic-waeco.com](http://www.dometic-waeco.com)



Safety and comfort on the road

Add-on options for your car

Mobile solutions from a single source

## A better journey with WAECO

More safety and comfort on the move

Wherever you are going – get there safer and more comfortably with WAECO. Enhance your vehicle with WAECO components, individual and easy to retrofit. High-performance electronics contribute to the reliability and durability of your vehicle. Mobile

refrigeration provides valuable refreshment on the move. Have a more relaxed and independent journey with functional vehicle accessories by WAECO.

We wish you a good journey – with WAECO.

### New in 2009 A new inverter generation

Pages 88 – 93

#### WAECO PocketPower

Pocket-size inverters for mobile operation of notebooks and more



PocketPower TSI-102

#### WAECO PerfectPower/SinePower

Inverters with modified or pure 230 V sine wave voltage



PerfectPower PP152



SinePower MSP162

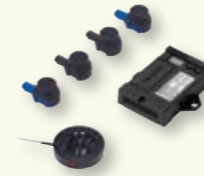
### Vehicle accessories

All that makes being on the move more enjoyable

Pages 10 – 39

#### WAECO MagicWatch

Parking with ease and aplomb – thanks to WAECO parking aids.



MagicWatch MWE900

#### WAECO MagicSpeed

Keep the speed under control – with cruise controls from WAECO.



MagicSpeed MS900

#### WAECO MagicSafe

The best way to keep burglars away – with WAECO car alarms.



MagicSafe MS670

### Consoles A perfect hold for your mobile equipment

Pages 40 – 45

#### WAECO PerfectFit

A safe place for navigation devices, mobile phones and the like – WAECO PerfectFit consoles.



PerfectFit

### Mobile refrigeration Coolers for mobile use

Pages 46 – 75

#### WAECO BordBar

Thermoelectric car cooler with DC/AC auto switch



BordBar AS-25

#### WAECO TropiCool

Thermoelectric cooler with TC special electronics



TropiCool TC-21FL

#### WAECO CoolFun

Thermoelectric cooler at an entry-level price



CoolFun CD-22

#### WAECO CoolFreeze

Compressor cooler for refrigeration and deep-freezing



CoolFreeze CDF-25

### Mobile electronics Mobile energy and starting aid

Pages 76 – 87

#### WAECO PerfectCharge

The new WAECO power class: intelligent battery chargers and handy jump starters, not only for frosty months.



PerfectCharge IU 6, IU 8, IU 12



PerfectCharge W2000

#### WAECO PowerPack

Mobile energy and more. The versatile PowerPack is always reliable.



PowerPack MPS500

### Mobile kitchen equipment Fresh coffee anytime

Pages 94 – 97

#### WAECO PerfectCoffee

Coffee breaks in the car – with WAECO PerfectCoffee.

PerfectCoffee MC01



# Vehicle accessories

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**WAECO**  
mobile solutions



Parking aids for safety

Cruise controls for caution

Head-up display for control

Radio remote control for comfort

Indicator control/daytime light control for good sense

Car alarms for protection

Seating comfort for personal wellbeing

## Extra everyday comfort

Intelligent vehicle accessories – perfect for your vehicle

Regardless of whether you are going on a long journey or travelling in town: vehicle accessories by WAECO make short and long drives more comfortable and your vehicle safer all around.

Your seat heating and conditioning keeps you relaxed behind the wheel throughout the year, while your cruise control and one-touch indicator control help you concentrate on what really matters: the road. And once you get there? Your parking aid and car alarm

ensure your parking is accurate to the centimetre and your car is safe when you leave it.

WAECO vehicle accessories represent the state of the art. Moreover, they are easy to install – and therefore always an interesting alternative to manufacturers' extras, which tend to be quite expensive.

**Note:** We'll be happy to help. Detailed information on all products can be found at [www.dometic-waeco.com](http://www.dometic-waeco.com). You can also feel free to contact our technical service team.

### Parking aids

Pages 14 – 21

#### WAECO MagicWatch



MagicWatch MWE 910

MagicWatch MWE 900

New: MagicWatch MWE 810

MagicWatch MWE 850

MagicWatch MWE 880

MagicWatch MWE 850 RV

PerfectView LCD 350

### Cruise controls

Pages 22 – 27

#### WAECO MagicSpeed



MagicSpeed MS 900

MagicSpeed MS 800

MagicSpeed MS 400

MagicSpeed MS 700

MagicSpeed MS 50

### Cruise control

Pages 28 – 29

#### WAECO MagicSpeed



MagicSpeed HUD

### Radio remote control

Pages 30 – 31

#### WAECO MagicTouch



MagicTouch MT 150

MagicTouch MT 350

### Indicator control/daytime light control

Pages 32 – 33

#### WAECO MagicTouch



MagicTouch MT 2000

MagicTouch TFL 100

### Car alarms

Pages 34 – 35

#### WAECO MagicSafe



MagicSafe MS 670

MagicSafe MS 650

### Seating comfort/vacuum cleaner

Pages 36 – 39

#### WAECO MagicComfort



MagicComfort MSH 50

MagicComfort MH 30GS/MH 30S

MagicComfort MCS 10

PowerVac PV 100



## Parking? Small effort!

Slot into each lot – with WAECO MagicWatch parking aids

**Tight parking spaces, cumbersome vehicles, hidden obstacles ... Manoeuvring your vehicle can become quite stressful.**

WAECO MagicWatch parking aids protect your nerves – and your vehicle. Their sensors not only measure the distance to the next vehicle with centimetre accuracy, they also detect small obstacles you might easily overlook: small barriers, poles, bikes, etc. The ultrasonic sensors are mounted on the rear or front

of your vehicle. They warn you with an audible and/or visual signal if your vehicle comes too close to an obstacle. MagicWatch parking aids provide many extras for convenience and safety.

**Four different models provide you with the very solution to suit your personal requirements and your vehicle.** In no time at all, safe parking will come “like magic” to you!

### Made by WAECO for Kia and Subaru

Leading automotive manufacturers have come to appreciate WAECO as a reliable and creative partner. More and more WAECO ideas are used on a global scale. Vehicle-specific parking aids for Kia and Subaru, for example.



## Pick the best parking aid for your car

Four model versions – to suit individual requirements



### 1 The premium models: Miniature sensors for front and rear Pages 16 – 17

The smallest sensors available in the market yield absolutely perfect results. Independent tests have shown that **MagicWatch MWE900 and MWE910** exceed the performance of most serial systems by far. Available as 4-sensor rear solution and as 8-sensor system for the rear and front. **The perfect all-round protection for your vehicle!**



### 2 Bestsellers: Parking aids for the rear bumper Page 18

Its outstanding cost-benefit ratio has already convinced many a WAECO customer: **MagicWatch MWE850** is the best-selling parking aid of the range. It comes with four sensors for installation in the rear bumper – **a well-proven top seller!**

A new product for the smaller budget: **MagicWatch MWE810** with four built-in sensors.



### 3 Front solution: Complementing existing parking aids Page 19

The independent **MagicWatch MWE880** front system is our special for customers who already have a rear parking aid on board – a factory-fitted or retrofit one. The 4-sensor system is range-optimised and complements a full-protection solution for your vehicle.



### 4 An ideal combination: Parking aid + reversing video system Pages 20 – 21

A WAECO innovation for maximum overview! The classic parking aid of the **MagicWatch MWE850RV** with its ultrasonic sensors is backed up by a reversing video system. The reversing camera is integrated in the bumper together with the sensors of the parking aid. The monitor can either be installed in front of the windscreen or at the rear-view mirror. **Safety for you and your vehicle!**





## Luxury-class parking comfort

Safe and secure at the front and rear

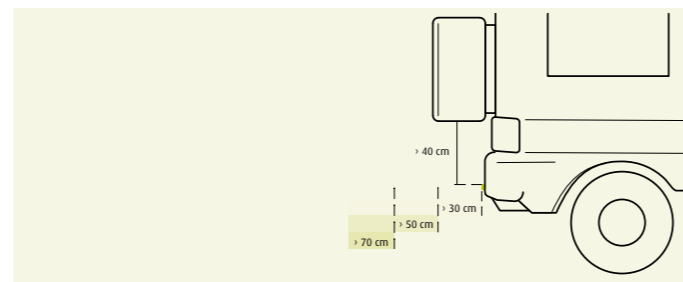
These high-end parking aids exceed the performance of most serial solutions by far. Featuring the smallest sensors available in the market (just 18 mm in diameter), they provide perfect installation results and are certified to ISO 17386. On top of that, the Magic Watch MWE900 rear system ranked first in the independent product comparison test of TÜV Rheinland.

Featuring 8 sensors, the MagicWatch MWE910 parking aid secures both the rear and the front of the vehicle. The additional front system included in the delivery kit was specifically designed for use in the front area – a decisive advantage over other solutions. Both systems come with

super-small sensors, which are easy to install even in difficult or confined spaces. The variable stop line (see diagram below) is yet another feature that sets the MWE900 and MWE910 apart from other parking aids in the market.

### Variable stop line

The parking aid sensors are located at the rear bumper, but there's a tow-bar or spare tyre protruding beyond the bumper. No problem whatsoever, MagicWatch will take account of such "extras". Simply shift back the stop line (by up to 40 cm) and use your parking aid as you normally would.



### WAECO MagicWatch MWE 910

Parking aid for cars, 8 built-in sensors for front and rear, for vehicles up to 2.20 m wide

3.07



#### Features & functions

- Distance measurement with 8 ultrasonic sensors
- Activation of the rear system via reverse gear
- Activation of the front system with switched on ignition, deactivation via speed signal
- System self-diagnosis with error indication
- Acoustic warning function
- Range rear: 30 to 180 cm
- Range front: 25 to 95 cm
- Option to shift the stop line
- For all vehicles with 12 to 30 volts power supply
- Very compact sensors (18 mm Ø x 18 mm)
- Sensors can be paint-coated
- PPS Parameter Programming System (to set system parameters such as sensitivity, visual rejection of mounted parts, etc.)

#### Test mark

e-approved to Automotive EMC Directive

#### Scope of delivery

8 ultrasonic sensors (4 rear, 4 front sensors), 2 control units, 1 membrane speaker, comprehensive fixing materials, installation and operating instructions, cardboard painting aid, core bit

#### Product

MagicWatch MWE910

#### Ref. No.

MWE-910-8PPS

#### Optional extra: 1.5 m extension cable for sensors

2221500002

Premium solution for all-around protection

Range rear:  
30 to 180 cm  
Range front:  
25 to 95 cm

High-end system

Ideal for difficult mounting situations

Parameter Programming System (PPS)

Supplied with core bit

Certified to ISO 17386

### WAECO MagicWatch MWE 900

Rear parking aid for cars, 4 built-in sensors, for vehicles up to 2.20 m wide

3.07



#### Features & functions

- Latest-generation sensors
- Suitable for difficult installation situations
- Distance measurement with 4 ultrasonic sensors
- Activation of the system via reverse gear
- System self-diagnosis with error indication
- Acoustic warning function
- Range: 30 to 180 cm
- Option to shift the stop line
- For all vehicles with 12 to 30 volts power supply
- Very compact sensors (18 mm Ø x 18 mm), sensors can be paint-coated
- PPS Parameter Programming System (to set system parameters such as sensitivity, visual rejection of mounted parts, etc.)
- Optional: display for visual distance indication

#### Test mark

e-approved to Automotive EMC Directive

#### Scope of delivery

4 ultrasonic sensors, 1 control unit, 1 membrane speaker, comprehensive fixing materials, installation and operating instructions, cardboard painting aid, core bit

#### Product

MagicWatch MWE900

#### Ref. No.

MWE-900-4PPS

#### Optional extra

1.5 m extension cable for sensors

2221500002

NEW: MagicWatch Accessory

Display for visual distance indication

9101500002



Test result: good

Premium solution with rear-mounted sensors

High-performance, latest-generation sensors

Range: 30 to 180 cm

Ideal for difficult mounting situations

Parameter Programming System (PPS)

Supplied with core bit

Certified to ISO 17386

### NEW: WAECO MagicWatch Accessory



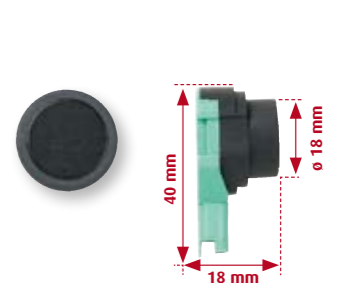
The digital colour display indicate the distance with graphics and numbers.

### Compare the visible areas!

#### Competitor's sensor



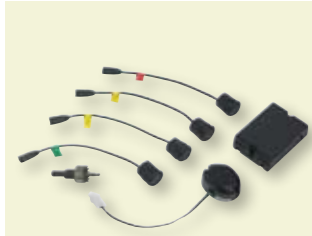
#### WAECO sensor



**NEW: WAECO MagicWatch MWE 810**

Rear parking aid for cars with 4 built-in sensors, for vehicles up to 2.20 m wide

3.07



**Features & functions**

- › Distance measurement with 4 ultrasonic sensors
- › Activation of the system via reverse gear
- › Free voltage supply from 10 volts to 32 volts
- › Automatic display function
- › Range: approx. 40 cm to 130 cm
- › Built-in sensors for a perfect finish, sensors can be paint-coated

Perfect finish with built-in sensors

Range: 40 to 130 cm

Supplied with core bit

**Test mark**

E-approved to Automotive EMC Directive

**Scope of delivery**

4 ultrasonic sensors (2.5 m cable), 1 control unit, core bit, 1 visual/acoustic display unit (5 m cable), fixing materials, installation and operating instructions

**Product**

MagicWatch MWE810

**Ref. No.**

910150001



## Front parking aid for retrofitting

Optimum supplement for existing rear systems

Do you want to supplement your rear parking aid with a front system? **Then the new MagicWatch MWE880 is just what you are looking for.** It works a treat with all existing rear parking aids and gives you unique benefits. While other systems need to be disabled manually, the **MWE880 turns on and off automatically via the vehicle's speed signal.** This spares you unnecessary "beep concerts". Another

advantage is the optimised range at the front: the MWE880 only responds to obstacles within the immediate danger zone of the vehicle (< 60 cm). Wider ranges at the front tend to lead to irritations, e.g. in tight city traffic. The four compact, paintable sensors are quickly installed and neatly blend with the front bumper.

**WAECO MagicWatch MWE 850**

Rear parking aid for cars, with DSM function and 4 built-in sensors, for vehicles up to 2.20 m wide

3.07



**Features & functions**

- › Distance measurement with 4 ultrasonic sensors
- › Activation of the system via reverse gear
- › Free voltage supply from 11 volts to 27 volts
- › System self-diagnosis with error indication
- › Acoustic and visual warning function with three-colour LED
- › DSM (Digital Signal Memory)
- › Range: approx. 30 cm to 150 cm
- › Built-in sensors for a perfect finish, sensors can be paint-coated

Perfect finish with built-in sensors

Digital Signal Memory

Range: 30 to 150 cm

New display, no need to drill holes

3-colour LED display

Supplied with core bit

**Test mark**

e-approved to Automotive EMC Directive

**Scope of delivery**

4 ultrasonic sensors (2.5 m cable), 1 control unit, core bit, 1 visual/acoustic display unit (5 m cable), cardboard painting aid, fixing materials, installation and operating instructions

**Product**

MagicWatch MWE850

**Ref. No.**

MWE-850-4DSM



**The DSM function**

DSM stands for Digital Signal Memory, a technical extra incorporated in these MagicWatch systems. **DSM parking aids are able to "memorise" objects permanently fitted to the vehicle, such as tow-bars or spare tyres.** When checking the area behind the vehicle, they recognise these objects as belonging to the vehicle and **won't report them as obstacles.**



**WAECO MagicWatch MWE 880**

Parking aid for use in the front car bumper

3.07



**Features & functions**

- › Distance measurement with 4 ultrasonic sensors
- › **No need to switch it on: automatic system activation via speed signal**
- › System self-diagnosis with error indication
- › Acoustic warning function
- › Range approx. 30 cm to 60 cm
- › **Optimal detection of obstacles in the front area**
- › For all vehicles with 12 to 30 volts power supply
- › Built-in sensors for a perfect finish, sensors can be paint-coated

**Test mark**

e-approved to Automotive EMC Directive

**Scope of delivery**

4 ultrasonic sensors (2.5 m cable), 1 control unit, 1 loudspeaker, core bit, fixing materials, installation and operating instructions

**Product**

MagicWatch MWE880

**Ref. No.**

222150003

Purpose-designed for front installation

Optimised range: 30 to 60 cm

Activation via speed signal

Ideal supplement to rear systems already fitted

Supplied with core bit



The ideal combination of two systems

## Parking aid + reversing video system

The optimal combination of active and passive safety

The MagicWatch MWE 850RV parking aid features a camera input and is therefore ideal for combination with a reversing video system. The benefits of both systems – active and passive parking safety – are thus combined in a single unit. Could there be a better way to be on the safe side for you or your vehicle?

Integrated in the rear bumper and paint-coated, the four compact built-in sensors of the **MWE 850RV** are barely visible. The DSM function, a kind of “digital memory” takes account of objects permanently fitted to the vehicle.

For optimal safety, the parking aid “teams up” with the **WAECO PerfectView LCD 350** reversing video system. The latter features a light-sensitive colour camera to be fitted on the bumper, the third braking light or on the outside

of the rear window. Its compact 3.5" LCD monitor shows camera pictures as well as the distance measurements of the sensors. And – as with any good parking aid – you receive an acoustic signal as soon as you get too close to an obstacle.

### Autohifi says: highly recommendable!

Operational performance, features and functions, instruction manual – top ratings on everything. Plus a convincing cost/benefit ratio. That's what the autohifi magazine (01/2008) says in its recent test report about WAECO's PerfectView LCD 350 reversing video system. 16 units were tested, only 4 of them scored the top rating.



### WAECO MagicWatch MWE 850RV

Rear parking aid with DSM function, 4 built-in sensors and video input

3.07



#### Features & functions

- › Distance measurement with 4 ultrasonic sensors
- › Activation of the system via reverse gear
- › Free voltage supply, 11 to 27 volts
- › System self-diagnosis with error indication
- › Acoustic warning function
- › DSM (Digital Signal Memory)
- › Range: approx. 30 cm to 150 cm
- › Built-in sensors for a perfect finish, sensors can be paint-coated (no multi-layer painting)

<b>Test mark</b>	e-approved to Automotive EMC Directive
<b>Scope of delivery</b>	4 ultrasonic sensors (2.5 m cable), 1 control unit, 1 acoustic display, video converter, 22 mm core bit, cardboard painting aid, fixing materials, installation and operating instructions

Product	Ref. No.
MagicWatch MWE 850RV	222150001

Perfect finish with built-in sensors

Digital Signal Memory

Range: 30 to 150 cm

Information at its best: video converter generates a distance diagram on the monitor screen

Supplied with 22 mm core bit

**Strong on its own, invincible as a team:** the PerfectView LCD 350 reversing video system complements the MagicWatch MWE 850RV parking aid.

### WAECO PerfectView LCD 350

Reversing video system with 3.5" LDC monitor and colour camera

3.19



#### 3.5" LCD monitor M35L

- › Brilliant picture
- › Connection to reversing light
- › Operation also while driving

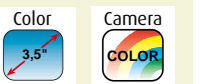
#### Colour tube camera for LCD systems CAM29

- › Light-sensitive camera
- › Large picture angle

<b>Display size</b>	3.5" (9 cm)	<b>Dimensions</b>	Ø 25 mm
<b>Display resolution H x V</b>	320 x 234 pixels	<b>Operating voltage</b>	10 – 15 V
<b>Colour system</b>	RGB band	<b>Mirrored picture</b>	can be set
<b>TV standard</b>	PAL/NTSC	<b>Picture display</b>	upside-down possible
<b>Video input</b>	0.75 Vpp – 1 Vpp	<b>Video input</b>	1 (RCA)
<b>Operating voltage</b>	12 V DC	<b>Picture sensor</b>	1/3" CCD sensor
<b>Current consumption</b>	approx. 400 mA	<b>Lens</b>	150° aperture angle, diagonal
<b>Power input</b>	6 W max.	<b>Resolution</b>	>250,000 pixels
<b>Luminous intensity</b>	270 cd/m <sup>2</sup>	<b>Light sensitivity</b>	< 2 lux
<b>Operating temperature</b>	-10°C to +65°C	<b>Operating temperature</b>	-20°C to +65°C
<b>Storage temperature</b>	-20°C to +80°C	<b>Horizontal picture angle</b>	approx. 104°
<b>Humidity</b>	85% max.	<b>Vertical picture angle</b>	approx. 80°
<b>Dimensions W x H x D</b>	94 x 79 x 25 mm	<b>Type of protection</b>	equivalent to IP 67
<b>Weight</b>	90 g		

**Scope of delivery** 3.5" TFT LCD colour monitor, 7 m connection cable, colour camera, separate mounting bracket, connection box, installation fittings

Product	Ref. No.
PerfectView LCD 350	RV-350
<b>Optional extras</b>	
Extension cable for CAM 29, 6 m	RV-306
Extension cable for CAM 29, 15 m	RV-315



Ideal for cars and vans

Light-sensitive colour camera

150° aperture angle

Super-compact single components





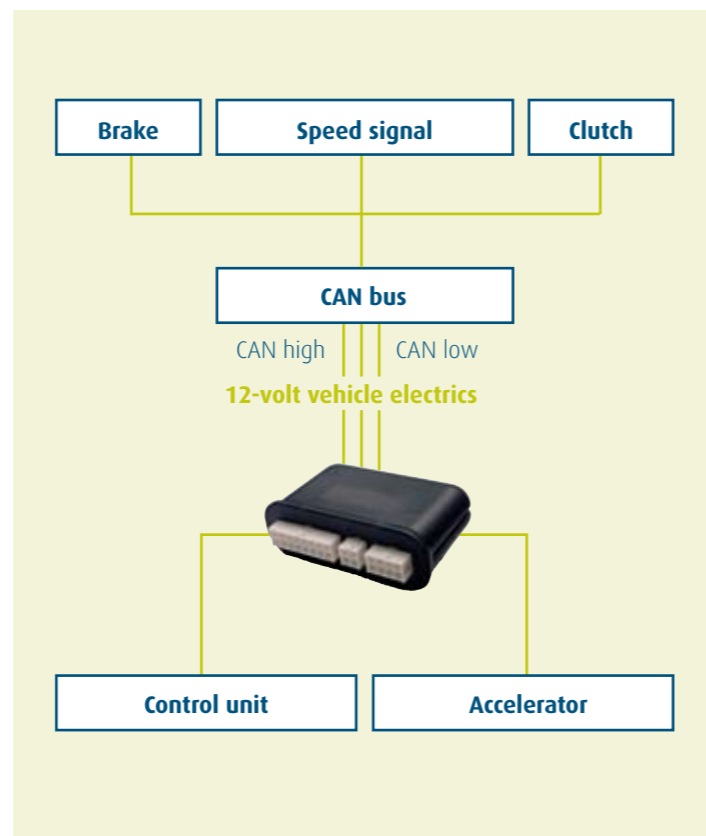
## Choose your own speed!

Cruise control for vehicles with CAN bus and electronic accelerator

In all newer vehicles under-the-bonnet management is done by highly complex electronics. The individual control units are networked by CAN bus links, and the pressure on the accelerator pedal is transmitted electronically.

With the new MagicSpeed MS 900 WAECO offers a CAN bus compatible cruise control that communicates directly with the vehicle's data lines. MagicSpeed MS 900 uses a control unit linked to the electronic accelerator control by means of a vehicle-specific adapter cable.

Its big benefit is ease of installation: the MS900 can be fitted in less than an hour. No soldering, no crimping, just plug and play!



### WAECO MagicSpeed MS 900

Cruise control for vehicles with comfort CAN bus and electronic accelerator

3.06



#### Features & functions

- › Set speed and reset previous speed
- › Fine speed adjustment (tap up, tap down)
- › After code entry system adjusts itself automatically to the vehicle parameters (speed signal and sensitivity)
- › ON/OFF
- › All signals required are controlled via CAN bus system
- › Easy to fit with cable sets for specific vehicles, no soldering or crimping – just plug and play
- › Choice of two control elements
- › German and European operating permit

#### Preconditions for installation

12 V vehicle electrics, electronic accelerator, comfort CAN bus

#### Scope of delivery

Electronic module, set of cables, fixing materials, installation and operating instructions

#### Product

MagicSpeed MS 900

Control elements are not included, please order separately.

#### Ref. No.

vehicle-specific\*

For vehicles with electronic accelerator and CAN bus

Designed for specific vehicles (see page 100)

Easy and very fast installation (0.5 – 1 hour)

For the most popular vehicles of the following brands: Citroën // Fiat // Nissan // Opel // Peugeot // Renault

\* For the current overview please refer to page 100 of this catalogue or [www.dometic-waeco.com](http://www.dometic-waeco.com)

## Control elements for MagicSpeed MS 900

### WAECO MagicSpeed Accessories

Control lever to be fitted on the steering column

3.06



#### Features & functions

- › Easy installation on the steering column (left), inclination variable with angle disks
- › ON/OFF switch with status indication fitted on the steering lever
- › Fine speed adjustment (tap up, tap down)

#### Test mark

e-approved to Automotive EMC Directive

#### Scope of delivery

Control lever, plug housing, fixing materials, installation instructions

#### Product

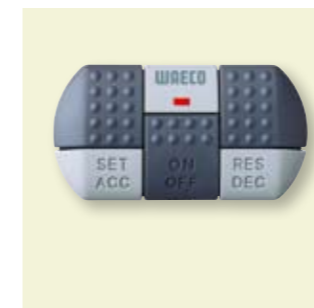
Control lever

#### Ref. No.

MS-BE6

Attractive design in original equipment quality

Control element to be fitted on the dashboard



#### Features & functions

- › Easy installation on the dashboard
- › ON/OFF switch
- › Fine speed adjustment (tap up, tap down)

#### Test mark

e-approved to Automotive EMC Directive

#### Scope of delivery

Control element, plug housing, fixing materials, installation instructions

#### Product

Control element

#### Ref. No.

MS-BE5

Easy installation on the dashboard



## Saves fuel and prevents speeding tickets!

Cruise control for vehicles with CAN bus and electronic accelerator

**Cruise controls help prevent accidental speeding and relieve drivers on long trips.** Driving at a constant speed also **saves fuel and your budget.** The **MagicSpeed MS 800** cruise control was designed for all modern cars with electronic transmission of the gas pedal position. The MS800 uses an interface module that is linked to the

electronic accelerator control. At the touch of a button it automatically keeps the speed at a constant level, even when you are driving up or down slope.

### WAECO MagicSpeed MS 800

Comfort cruise control for vehicles with electronic accelerator

3.06



#### Features & functions

- › Set speed set and reset previous speed
- › Fine speed adjustment (tap up, tap down)
- › Adjusts itself automatically to the vehicle parameters (speed signal and sensitivity)
- › Acoustic and visual self diagnosis
- › ON/OFF
- › Easy to fit with cable sets for specific vehicles
- › Choice of two control elements
- › German and European operating permit

**Preconditions for installation** 12 V vehicle electrics, electronic accelerator, electric speed or revs signal (only for vehicles with manual transmission), vehicle-specific cable set required

**Test mark** e-approved to Automotive EMC Directive

**Scope of delivery** Interface unit, electronic module, clutch switch, set of cables, fixing materials, installation and operating instructions

Product	Ref. No.
MagicSpeed MS 800	MS-800
MagicSpeed MS 800/HYU	MS-800/HYU
Kabelsätze für MS 800	vehicle-specific*
Signalverstärker	MS-SV

For vehicles with electronic accelerator

Easy to fit

Cable sets for specific vehicles (see page 100)

Choice of two control elements (see page 26)

#### For the most popular vehicles of the following brands:

Audi // Citroën // Ford // Fiat // Hyundai // Kia // Nissan // Opel // Peugeot // Renault // Seat // Skoda // Toyota // VW \* For the current overview please refer to page 100 of this catalogue or [www.dometic-waeco.com](http://www.dometic-waeco.com). You can also feel free to contact our technical service team.

## Chauffeur on board

Cruise controls with servo unit – for universal use

**Two comfort models you can rely on: the MagicSpeed MS 400 and MS 700 cruise controls take the horror out of long journeys and speed limits.**

**The MS 400 uses a vacuum servo for linkage to the accelerator cable. The MS 700 was conceived for vehicles without vacuum power source (e.g. petrol engine vehicles with turbo).** Both cruise control units

automatically adjust to the technical parameters of your vehicle (self-learn technology).

**Combine the basic module of your choice with the control element** that suits your idea of comfort: a control lever fitted to the steering column, or a control element integrated in the dashboard.

### WAECO MagicSpeed MS 400

Comfort cruise control for vehicles with vacuum servo

3.06



#### Features & functions

- › Set speed set and reset previous speed
- › Fine speed adjustment (tap up, tap down)
- › Adjusts itself automatically to the vehicle parameters (speed or revs signal and sensitivity) by means of self-learn technology
- › Acoustic and visual self diagnosis
- › ON/OFF
- › For all vehicles with 12-volt electrics

**Preconditions for installation** 12 V vehicle electrics, mechanical throttle linkage, vacuum power source, electric speed signal

**Test mark** e-approved to Automotive EMC Directive

**Scope of delivery** Vacuum servo unit with Bowden cable, electronic module, set of cables, clutch switch, installation and operating instructions

Product	Ref. No.
MagicSpeed MS 400	MS-400

With self-learn technology

Choice of two control elements (see page 26)

Universal unit for vehicles with vacuum power source

### WAECO MagicSpeed MS 700

Comfort cruise control for vehicles with electric servo

3.06



#### Features & functions

- › Set speed set and reset previous speed
- › Fine speed adjustment (tap up, tap down)
- › Adjusts itself automatically to the vehicle parameters (speed or revs signal and sensitivity) by means of self-learn technology
- › Acoustic and visual self diagnosis
- › ON/OFF
- › For all vehicles with 12-volt electrics

**Preconditions for installation** 12 V vehicle electrics, mechanical throttle linkage, electric speed signal. Especially for vehicles without vacuum power source (e.g. petrol engine vehicles with turbo or vehicles with hydropneumatic brakes)

**Test mark** e-approved to Automotive EMC Directive

**Scope of delivery** Electric servo unit with Bowden cable, electronic module, set of cables, clutch switch, installation and operating instructions

Product	Ref. No.
MagicSpeed MS 700	MS-700

With self-learn technology

Choice of two control elements (see page 26)

Universal unit for vehicles with vacuum power source

**Note:** If in doubt where to find the speedometer signal cable, contact our technical service team. They can also advise as to whether or not you will need a signal amplifier for your vehicle.

## Control elements for MagicSpeed MS 800, MS 700 and MS 400

### WAECO MagicSpeed Accessories

Control lever to be fitted on the steering column

3.06



<b>Features &amp; functions</b>	
<ul style="list-style-type: none"> <li>› Easy installation on the steering column (left), inclination variable with angle disks</li> <li>› ON/OFF switch with status indication fitted on the steering lever</li> <li>› Fine speed adjustment (tap up, tap down)</li> </ul>	
<b>Test mark</b>	
e-approved to Automotive EMC Directive	
<b>Scope of delivery</b>	
Control lever, plug housing, fixing materials, installation instructions	
<b>Product</b>	<b>Ref. No.</b>
Control lever	MS-BE4

Attractive design in original equipment quality

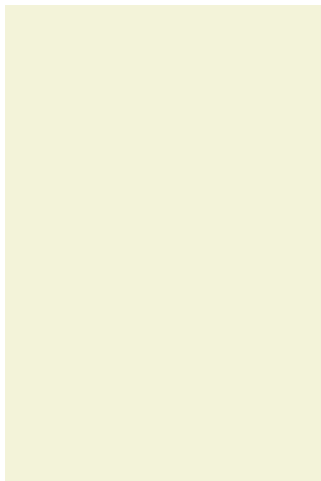
Control element to be fitted on the dashboard



<b>Features &amp; functions</b>	
<ul style="list-style-type: none"> <li>› Easy installation on the dashboard</li> <li>› ON/OFF switch</li> <li>› Fine speed adjustment (tap up, tap down)</li> </ul>	
<b>Test mark</b>	
e-approved to Automotive EMC Directive	
<b>Scope of delivery</b>	
Control element, plug housing, fixing materials, installation instructions	
<b>Product</b>	<b>Ref. No.</b>
Control element	MS-BE3

Easy installation on the dashboard

Bowden cable mounting kit and signal amplifier



<b>Product</b>	<b>Ref. No.</b>
<b>Bowden cable mounting kit</b> for Fiat Ducato JTD	MS-HA2
<b>Bowden cable mounting kit</b> for Renault Trafic from year 2001, Opel Vivaro and Nissan Primastar	MS-HA3
<b>Bowden cable mounting kit</b> für Ford Transit mit Kunststoffgaspedal	MS-HA4
<b>Signal amplifier</b>	MS-SV



Safe and secure operation from the steering wheel: the MS-BE4 control lever (optional extra)



Simply fitted to the dashboard: the MS-BE3 control element



## Driving stress? Not for me!

Cruise control

**When driving your car, why not sit back and relax? Driving at a constant, steady speed is not only easier on the nerves, it also saves fuel. So simply take your foot off the gas – and let MagicSpeed MS50 be your “chauffeur”.**

Whether driving on long, monotonous roads or on stretches with reduced speed limits – whatever speed you set with the press of a button will be precisely maintained

without you having to use the accelerator at all! With your “electronic chauffeur” you can always drive at the speed you want – and never faster than allowed.

**MagicSpeed MS50 works with a vacuum servo unit and comes at a truly affordable price.**

### WAECO MagicSpeed MS 50

Standard cruise control for universal use

3.06



<b>Features &amp; functions</b>	
<ul style="list-style-type: none"> <li>› Set speed and reset previous speed</li> <li>› Fine speed adjustment (tap up, tap down)</li> <li>› Function self-diagnosis</li> <li>› ON/OFF</li> </ul>	
<ul style="list-style-type: none"> <li>› For all vehicles with 12-volt electrics</li> <li>› Attractively designed control element</li> <li>› Detailed installation instructions</li> </ul>	
<b>Preconditions for installation</b>	12 V vehicle electrics, mechanical throttle linkage, vacuum power source
<b>Test mark</b>	e-approved to Automotive EMC Directive
<b>Scope of delivery</b>	Vacuum servo unit with Bowden cable, electronic module, speed sensor, set of cables, clutch switch, universal control element, installation and operating instructions
<b>Product</b>	<b>Ref. No.</b>
MagicSpeed MS 50	MS-50

Designed for universal use

With resume function



## Keep an eye on your speed

Drive safely and with full concentration thanks to the WAECO head-up display

**Keeping an eye on the speedometer and the road at the same time: it's possible with the WAECO head-up display.** The current speed is displayed on a non-reflecting projection film in front of the windscreen – right within the driver's field of view.

A glance at the vehicle speedometer takes about one second of your concentration. Say you are doing 100 km/h, that means you are driving 28 metres – blind! These metres may be crucial in critical situations ...

The system comes with an alarm function that can be activated to warn you when preset speed limits are exceeded. A convenience and safety feature that used to be reserved to the luxury class. Now available for retrofitting in WAECO quality.

**The head-up display is easy to install and operate.**

**Note:** If in doubt where to find the speedometer signal cable, contact our technical service team. They can also advise as to whether or not you will need a signal amplifier for your vehicle.

## Luxury-class comfort at the touch of a button – programmed in 5 steps



- 1 Stand-by mode**  
The display is ready for service as soon as you turn on the ignition. All indicator lamps flash for about two seconds.
- 2 Coarse adjustment**  
Adjust the speed readout of the display to that of the speedometer. To be done in four steps (10, 20, 40, 80 km/h).
- 3 Fine adjustment**  
Adjust the speed readout of the display to exactly that of the speedometer. To be done in a range from 50 to 250 km/h.
- 4 Set warning speed**  
Set at what speed limit the display is to emit an audible warning signal (eight stages, from 30 to 130 km/h).
- 5 Warning tone**  
Naturally, you can also disable the warning function.



### WAECO MagicSpeed HUD

Head-up display for projecting the speed to the windscreen

3.06



#### Features & functions

- > Displays current speed
- > Speed warning function (e.g. at 30, 50 or 70 km/h)
- > 4 programming buttons
- > Green LED lighting
- > Speaker on top of the housing to emit warning signal
- > Grey housing
- > 3-pole connection cable (ignition, earth, speed signal)
- > Single-coated projection film
- > Light sensor – display illumination dims as darkness sets in
- > Voltage supply via ignition plus

With speed warning function

Light sensor automatically adjusts LED illumination

#### Test mark

E-approved to Automotive EMC Directive

#### Scope of delivery

Head-up display, connection cable, projection film, installation fittings, installation and operating instructions

#### Product

MagicSpeed HUD

Optional extra: signal amplifier

Spare part: projection film

#### Ref. No.

MHUD-100

MS-SV

MHUD-100PF



## Unlocking, locking, safely home ...

Remote control with many extras for convenience

The tried and tested MagicTouch MT150 radio remote control is available in tailor-made versions for many common vehicle types. Each unit comes complete with a specific cable set for fast and easy installation. Even technical laymen will quickly succeed. The MT150 offers the basic functions "unlock" and "lock" in a range

up to 20 metres. In either case the indicators light up to confirm the respective command has been completed. A rolling code system provides high security against copying. In order that nobody in the family is left out in the cold, the MT150 can be upgraded to include up to five hand transmitters.

### A retrofit remote control that takes you right to your doorstep for safety's sake – that's MagicTouch MT350.

Apart from the basic functions "lock" and "unlock" it has very useful additional features. Like the coming home function for instance, which activates the dipped headlights so you can see your way home. MagicTouch MT350 is suitable for almost any type of vehicle with factory-fitted or retrofit central locking system. Here is an overview of the extra functions this convenient remote control provides:

#### „auto-relock“

Re-locks the car if none of the doors are opened after being unlocked by the hand transmitter.

#### Interior light

The interior light is switched on from unlocking the doors to starting the vehicle (for a maximum of 30 seconds).

#### Door locking from inside

Locks the doors while driving, unlocks the doors when the ignition is turned off.

#### Coming home function

Locking the vehicle activates the dipped headlights so you can see your way home.

### WAECO MagicTouch MT 150

Car-specific radio remote control, cable set for fast and easy installation

3.05



#### Features & functions

- › Unlocking and locking of the original central locking system indicated by blinking hazard lights
- › Maximum security against copying through rolling code system (4.3 billion codes)
- › Large range of the hand transmitter (up to 20 metres)
- › Can be upgraded to include up to five hand transmitters

#### Test mark

e-approved to Automotive EMC Directive, complies with R&TTE directive, certified for operation throughout Europe

#### Scope of delivery

1 hand transmitter, central unit with integrated receiver, set of cables, installation instructions

Product	Ref. No.
MagicTouch MT 150	MT-150 vehicle-specific*
Optional extra	
Radio hand transmitter for MT 150	MS-650TX

Triggers the hazard lights

Easy installation with cable sets for specific vehicles (see page 106)

### For the most popular vehicles of the following brands:

Audi // Ford // Mercedes-Benz // Opel // Seat // Skoda // VW \* For the current overview please refer to page 106 of this catalogue or [www.dometic-waeco.com](http://www.dometic-waeco.com). You can also feel free to contact our technical service team.

### WAECO MagicTouch MT 350

Radio remote control for universal retrofitting

3.05



#### Features & functions

- › Unlocking and locking of the central locking system via the hand transmitter
- › Coming home function (dipped headlights turned on for 10 seconds), or extra function, e.g. operation of power windows, boot locks, tank cap locks, independent vehicle heater, etc.
- › Unlocking and locking indicated by blinking hazard lights
- › Auto relock (after erroneous unlocking, e.g. when putting the hand transmitter into the pocket, the doors will be automatically re-locked after a time lag of about one minute if none of the doors are opened during this period of time)
- › Door locking with the hand transmitter while driving (without making the hazard lights blink; when the ignition is turned off, the doors will be automatically unlocked again)
- › Maximum security against copying through rolling code system (4.3 billion codes)
- › Large range of the hand transmitter (up to 20 metres)
- › Can be upgraded to include up to five hand transmitters

#### Test mark

e-approved to Automotive EMC Directive, complies with R&TTE directive, certified for operation throughout Europe

#### Scope of delivery

Control unit with receiver, two hand transmitters, set of cables, installation and operating instructions, fixing materials

Product	Ref. No.
MagicTouch MT 350	MT-350-CH
Optional extra	
Radio hand transmitter für MT 350	MT-350TX



Compatible with nearly all central locking systems

Designed for extra convenience and universal use!

Coming home function





## Touch and turn

A single touch will do

**Retrofitting your vehicle with the MT 2000 one-touch indicator control gives you double benefits in terms of safety and operating comfort.** All you need to do is connect the compact control unit to the indicators. A single touch of the indicator lever is enough to activate the blinking signal on the side you want – three or four times, depending on the selected sequence. **This is particularly convenient in roundabouts or when overtaking:** both leaving and filing back into the lane is clearly indicated by repeated blinking, just as traffic regulations require. The vehicles behind you receive sufficient warning, and you can entirely concentrate on the traffic situation while overtaking. What is more, the

**MT 2000 can also be connected to the central locking system.** When the system is activated – either directly or by remote control – the indicators light up to confirm the locking or unlocking action. The driver can then be sure that his “command” has been accepted – a convenience factor that used to be missing in many series-produced vehicles and could only be retrofitted individually until now.

**The MagicTouch one-touch indicator control is the first product in the market to combine the two functions of “sequence blinking” and “door lock confirmation”. And that at a very favourable price!**

### WAECO MagicTouch MT 2000

One-touch indicator control incl. CL door lock confirmation

3.05



#### Features & functions

- › A single touch activates the blinking sequence
- › Can be connected to existing central locking systems with or without remote control
- › Adds door lock confirmation (blinking indicators) to remote controls lacking this function
- › Controls all vehicle indicators
- › 12-volt power supply

**Test mark** e-approved to Automotive EMC Directive  
**Scope of delivery** Control unit, set of cables, installation and operating instructions

Product	Ref. No.
MagicTouch MT 2000	MT-2000

**Two safety and convenience functions in a single product**

**Blinking sequence activated at a single touch**

**Blinking confirms “locking” and “unlocking” commands**



## Daytime running lights prevents accidents

Automatic daytime light control with coming home function

**Driving with lights on at daytime is mandatory in many European countries and considered a matter of course in the interest of traffic safety. ECE R48 even stipulates that the parking lights and sidelights must be activated in addition to the dipped headlights. For vehicles without factory-fitted daytime running lights (DRL), WAECO offers the MagicTouch daytime light control for retrofitting. An easy way to make sure your vehicle cannot be overlooked, even during daylight hours.**

When you start the ignition **MagicTouch TFL 100** automatically activates the complete vehicle lighting (dipped headlights, parking lights, sidelights, number

plate lights). There is no need to operate the original light switch, but its function is completely retained. When the light is switched on manually, the daytime light control is deactivated.

**Once you have safely arrived at your destination, the coming home function lights your way to the doorstep.** When the ignition has been turned off, the dipped headlights stay on for a selectable period (0 to 120 sec.) – a convenient extra you will soon come to appreciate.

### WAECO MagicTouch TFL 100

Daytime light control with coming home function

3.05



#### Features & functions

- › Automatically activates the dipped headlights when the ignition has been turned on
- › Simultaneously activates the complete vehicle lighting (dipped headlights, parking lights, sidelights, number plate lights)
- › No need to operate the light switch
- › For dipped headlights up to 55 watts
- › With coming home function: dipped head lights stay on (for 0 to 120 seconds, as set beforehand)
- › Conforms with ECE R48 regulation
- › Daytime light control is switched off when the light switch is operated manually and during engine start
- › Voltage supply: 12 volts DC

**Scope of delivery** Control unit, set of cables, installation and operating instructions

Product	Ref. No.
MagicTouch TFL 100	2221300001

**Automatic light activation – including during daylight hours**

**Coming home function up to 120 seconds**

**Simple installation**

Looking for an effective way to stop car thieves? Treat yourself to a MagicSafe car alarm. It provides comprehensive theft protection for your vehicle, securing the doors, the tailgate and bonnet, and responding to the ignition. If the alarm is triggered, MagicWatch warns you with acoustic and visual signals (siren and hazard lights). The digital MS 670 model is fitted in record time – thanks to its vehicle-specific design and CAN bus compatibility. It communicates with your car's CAN bus data lines and is conveniently (de-)activated by the original remote control.

The analogue MagicSafe MS 650 universal car alarm is operated by means of two hand transmitters included with each unit. All inputs (door contact, bonnet, etc.) are connected manually. For extra convenience, a tilt sensor and a movement sensor are available as optional accessories.



**CAN bus compatible:**  
The top security concept for your car

## No chance for burglars

The top security concept for your car

### WAECO MagicSafe MS 670

CAN bus compatible car alarm

3.08



#### Features & functions

- › Monitors the interior with ultrasonic sensors
- › Universal unit, vehicle-specific programming by code
- › Electronic key for emergency switch-off
- › Connection to original remote control, door contact switches and tailgate via CAN bus lines
- › Backup siren

<b>Operating voltage</b>	9 to 15 volts
<b>Max. current consumption in alarm mode</b>	approx. 800 mA
<b>Current consumption in standby mode</b>	10 mA
<b>Indicator output</b>	8 A
<b>Operating temperature</b>	0°C to +70°C
<b>Alarm duration</b>	30 sec.
<b>Test mark</b>	e-approved to Automotive EMC Directive
<b>Scope of delivery</b>	Control electronics, backup siren, ultrasonic sensors, electronic key with base, installation and operating instructions
<b>Product</b>	<b>Ref. No.</b>
MagicSafe MS 670*	MS-670
<b>Optional extra:</b> magnetic contact switch	MS-650-SW

For CAN bus vehicles

Activated and deactivated via the original hand transmitter

Interior surveillance can be disabled

Backup siren

Easy and quick installation

#### For the most popular vehicles of the following brands:

Audi // BMW // Fiat // Mercedes // Opel // Seat // Skoda // VW \* For the current overview please refer to page 106 of this catalogue or www.dometic-waeco.com. You can also feel free to contact our technical service team.



### WAECO MagicSafe MS 650

Comfort car alarm

3.08



#### Features & functions

- › Monitoring of doors, bonnet, boot
- › Ultrasonic interior surveillance (can be switched off)
- › Visual alarm via hazard lights
- › Acoustic alarm via car horn
- › Activation and deactivation via radio remote control
- › Remote control of the central locking system
- › Separate remote control of original convenience functions
- › Panic function (alarm triggered by hand transmitter)
- › Programmable automatic activation, status indication by LED
- › Alarm memory function, for use with up to four programmable hand transmitters
- › Maximum security against copying through rolling code system (4.3 billion codes)
- › Large range of the hand transmitter (up to 20 metres)
- › Various programmable settings
- › Easy to install

**Test mark** e-approved to Automotive EMC Directive, complies with R&TTE directive, certified for operation throughout Europe

**Scope of delivery** 2 radio hand transmitters, alarm control unit, ultrasonic interior surveillance, bonnet contact switch, status LED, emergency switch, relay for vehicle horn, pre-assembled cable set and fixing materials, installation and operating instructions, 2 alarm stickers

Product	Ref. No.
MagicSafe MS 650	MS-650
<b>Optional extra</b>	
Siren	MS-620SI
Radio hand transmitter	MS-650TX
Tilt sensor	MS-650-NS
Magnetic contact switch	MS-650-SW

Also for 24 volts with additional adapter

Active protection of the vehicle interior

Acoustic alarm via car horn

### WAECO MagicSafe Accessory – Radio PIR movement sensor for MS 650

Radio PIR movement sensor

3.08



#### Features & functions

- › Add-on for all MS 650 models produced from year 2000
- › Simple and quick assembly, as there is no need to wire the sensor (radio link)
- › Additional sensors can be directly connected
- › Movement sensor with large monitoring area
- › Visual battery-low indication
- › Use of up to two movement sensors possible, if two hand transmitters are used
- › Movement sensor can be switched off with the hand transmitter, which means the user can stay in the car while the car alarm is activated

**Scope of delivery** Movement sensor with transmitter, fixing materials, installation instructions

Product	Ref. No.
Radio PIR movement sensor	MS-650PIR

No need to wire the sensor

Also suitable for surveillance of interiors, trailers and jet-bags



## Retrofit insert seat heater

Warmly recommended in the cold season

**Enjoy luxury-class seating comfort: the MagicComfort MSH 50 retrofit insert seat heater gets the driver's and front passenger's seat warm in a matter of seconds. Activation and heat stage setting are via two switches to be fitted, depending on the vehicle conditions, on the dashboard, the centre console or the door trim.**

MagicComfort MSH 50 offers all the benefits of an original part. As with seat heating integrated by the manufacturer, the heating elements for the seat and the backrest are fitted between the upholstery and the seat cover; the retrofit doesn't alter the shape of the seats. **Useful accessory: MSH-50-LIN control element for continuous temperature regulation. Can also be used with MSH 50 units already fitted!**

### WAECO MagicComfort MSH 50

Retrofit insert seat heater for driver and front passenger seat



Clearly marked operating switches: "L" stands for the driver's seat, "R" for the passenger's seat.



MSH-50-LIN

#### Features & functions

- › Pre-assembled set of cables with switching relay and two universal switches
- › Complete set for two seats
- › Heating elements of extremely flexible, coated wire
- › Two heat stages: stage I = pleasant permanent heat, stage II = heat-up
- › Integrated temperature guard
- › For seats with detachable cover

**Operating voltage** 12 volts

**Capacity** Stage I: 44 watts (2 seats)  
Stage II: 90 watts (2 seats)

**Dimensions** Seat: 400 x 280 mm (L x W)  
Backrest: 300 x 280 mm (L x W)

**Test mark** e-approved to Automotive EMC Directive

**Scope of delivery** 4 heating elements, pre-assembled set of cables with relay and 2 universal switches, fixing materials, installation instructions

Product	Ref. No.
MagicComfort MSH 50	MSH-50

Optional extra	Ref. No.
Continuously adjustable control element	MSH-50-LIN



Easy to fit, for seats with removable cover

Integrated temperature guard

3.23



## Heated seat – relaxed driving

Cosy warmth "from underneath"

**You can do better than getting seated in an icy cold car on a cool day in winter or autumn.**

Take the **heated seat covers of the MagicComfort series** for instance. Treat yourself – and your passenger – to the benefits of a warm seat. Feeling warm doesn't just add to the pleasure of driving, it is also **good for your health**. You'll be spared many bouts of "flu" thanks to MagicComfort.

**"Good heat regulation and a pleasant upholstery fabric are where the WAECO MagicComfort MH30GS excels,"** says Autozeitung magazine in its 01/08 issue. Rank 2 out of 12 seat heaters tested. The newly developed fastening system offers two easy options.

### WAECO MagicComfort – heated seat covers

Heated seat covers with two heat stages



MH30GS



MH30S

#### Features & functions

- › Comfortable, stable and safe seating position
- › Integrated lumbar support pad
- › High quality cotton/polyester fabric, breathable
- › Two simple and practical fastening options
- › Two heat stages: stage I = pleasant permanent heat, stage II = heat-up
- › Integrated temperature guard
- › Suitable for cars with side airbags in the seats as approved by TÜV Rheinland
- › Attractive zip-closure bag for storage in summer

**Operating voltage** 12 volts from cigarette lighter socket

**Capacity** Stage I: 20 watts  
Stage II: 45 watts

**Dimensions** 1000 mm x 450 mm (L x W)

**Test mark** e-approved to Automotive EMC Directive

**Scope of delivery** Seat cover with connection cable and fastening hooks, zip-closure storage bag

Product	Ref. No.
MagicComfort MH 30S 12 V, black	MH-30-S
MagicComfort MH 30GS 12 V, grey/black	MH-30-GS

3.23



Fits, warms and protects

Integrated temperature guard

With lumbar support pad



## Sit, don't sweat

Air-conditioned seat cover for gentle air circulation

Particularly in summer long journeys can bring out a cold sweat on you – especially on your back, rear and legs.

Take cool seating comfort on board: the MagicComfort MCS 10. At the touch of a button the air-conditioned seat cover creates gentle air circulation on the seat surface – a genuine blessing for the driver or for the passenger. The new, optimised model is even more effective. The structured surface of the air vents spread across the

entire surface gives you a pleasant, slightly massaging effect. The quiet-running fan can be controlled in two stages.

And there is also a plus in seating comfort: now the air-conditioned seat cover adapts even better to the contours of your vehicle seats. Its pulled-up edges provide pleasant support. High-grade, easy-care materials make for a long service life.



### WAECO MagicComfort MCS 10

Air-conditioned seat cover with two cooling stages

3.23



#### Features & functions

- › Comfortable, stable and safe seating position
- › High quality cotton/polyester fabric, breathable
- › Simple and practical fixing
- › Two cooling stages: quick chill and pleasant permanent cooling
- › Integrated fan, superbly quiet running
- › Optimised air circulation in the seat and backrest
- › Attractive zip-closure bag for storage in winter

<b>Operating voltage</b>	12 volts from cigarette lighter socket
<b>Capacity</b>	Stage I: 6 watts Stage II: 12 watts
<b>Dimensions</b>	1060 x 450 mm (L x W)
<b>Test mark</b>	e-approved to Automotive EMC Directive
<b>Scope of delivery</b>	Seat cover with connection cable and fastening hooks, zip-closure storage bag

<b>Product</b>	MagicComfort MCS 10	<b>Ref. No.</b>	MCS-10/N
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Suitable for cars with side airbags in the seats



## Battery-operated wet-and-dry vacuum cleaner

Get rid of that dirt!

The handy vacuum cleaner comes complete with integrated battery – no need for an external power supply. And it's strong enough to get rid of the most ground in dirt. Even liquids are no problem for the combined wet-and-dry cleaner. It doesn't require much room for storage, either: small and compact, the handy gadget slots in to the boot or vehicle interior, the garage or the storeroom. The WAECO PowerVac battery gives you 18 minutes of uninterrupted operation. Then

it's time to connect it to the mains for recharging. The charging process takes between 10 and 14 hours and is cut off automatically by the integrated electronic circuit. The vacuum cleaner comes with a 3.8-litre dust container and a reusable fabric filter, both of which are simply taken off for emptying and cleaning.

### WAECO PowerVac PV 100

Wet/dry vacuum cleaner with 12-volt rechargeable battery

3.31



#### Features & functions

- › Handy, battery-powered vacuum cleaner for mobile use in cars, motorhomes, caravans, boats and home
- › Maximum mobility with rechargeable 12-volt battery
- › Can be recharged from 12 and 230 volts
- › Easy-to-clean dust container and fabric filter
- › Cleaning power: 400 mm water column

<b>Material</b>	Handle: ABS Filter: polyester Dust container: PP	<b>Capacity</b>	3.8 litres
<b>Motor</b>	12 volts DC, 28,000 rpm	<b>Power consumption</b>	ca. 90 W
<b>Battery</b>	12 volts DC, 2.6 Ah	<b>Cleaning power</b>	ca. 400 mm Wassersäule (±10%)
<b>Operating time</b>	approx. 18 min ± 10%	<b>Operating temperature</b>	0°C to +40°C
<b>Charging time</b>	10 to 14 h (automatic cut-off)	<b>Dimensions</b>	(H x W x D) 320 x 270 x 198 mm
<b>Scope of delivery</b>	Vacuum cleaner, hose, attachments for upholstery, rugs and narrow gaps, carrying strap, mains adapter, 12-volt charging cable, operating instructions		
<b>Weight</b>	2150 g		

<b>Product</b>	PowerVac PV 100	<b>Ref. No.</b>	PV-100
----------------	-----------------	-----------------	--------

Extendible crevice nozzle for narrow gaps – also between the front seats

Brush attachment for doormats, rugs and upholstery

Easy cleaning thanks to detachable dust container and fabric filter



# Consoles

Navigation consoles

42 - 43

Phone consoles and monitor consoles

44 - 45

**WAECO**  
mobile solutions



## A better place for your navigation device

Firmly secured in the vehicle

If you have a mobile navigation system on board, make sure it is safely fixed in place. Suction cup mounts often won't give a reliable hold, and they are certainly not the best choice where functionality and looks are concerned. Vehicle-specific PerfectFit navigation consoles from WAECO are the perfect solution for all commonly used navigation devices.

PerfectFit consoles provide a safe and ergonomic mounting platform for PNAs, PDAs, smart phones and other touch-screen displays. They are designed to match the interior of specific vehicles, and not only in terms of appearance. All operating elements stay in easy reach, safe and convenient handling is guaranteed at all times.

The consoles are fastened to the vehicle's existing

mounting points: no need to drill holes – and 100% clean dismantling when the vehicle is to be sold.

**WAECO PerfectFit consoles will also fit your vehicle. Get yourself a safe place for your navigation device. You will love the cool design and enjoy the convenient handling while driving.**



**Note:**

WAECO PerfectFit navigation consoles can also be used as a mounting platform for displays of Bluetooth hands-free car kits.

For detailed information, vehicle-specific photos and our installation video visit:

[www.dometic-waeco.com/perfectfit](http://www.dometic-waeco.com/perfectfit)

### WAECO PerfectFit consoles for navigation devices

Brand	Model	Ref. No.
<b>Audi</b>		
Audi A3	03/03-, black, reproduction leather	AUR025
Audi A4	10/00-11/07, black, reproduction leather (not for soft-top)	AUR005
Audi A4	12/07-, black, reproduction leather	AUR045
Audi A5	07-, black, reproduction leather	AUR045
Audi A6	97-04/04, black, reproduction leather	AUR015
Audi A6	05/04-, black, reproduction leather	AUR035
<b>BMW</b>		
BMW E39 (5er)	98-, black, reproduction leather	BMR015
BMW E46 (3er)	98-, black, reproduction leather	BMR005
BMW E60 / E61 (5er)	03-, black, reproduction leather	BMR035
BMW E90/E91/E92 (3er)	03/05-, w/o navigation, black, reproduction leather	BMR055
BMW X5	04/07-, black, reproduction leather	BMR065
<b>Citroën</b>		
Citroën Berlingo II	06/08-, black, reproduction leather	CIR015
Citroën C5	06/08-, black, reproduction leather	CIR005
Citroën C-Crosser	08-, black, reproduction leather	PER035
Citroën Jumper	04/02-08/06, black, reproduction leather	FIR015
Citroën Jumper	09/06-, black, reproduction leather	FIR045
<b>Fiat</b>		
Fiat Ducato (244)	04/02-08/06, black, reproduction leather	FIR015
Fiat Ducato (250)	09/06-, black, reproduction leather	FIR045
<b>Ford</b>		
Ford Focus C-Max	03-, black, reproduction leather	FOR045
Ford Focus	98-10/04, black, reproduction leather	FOR015
Ford Focus (nicht Ghia)	11/04-, black, reproduction leather	FOR085
Ford Galaxy	00-04/06, black, reproduction leather	FOR155
Ford Galaxy	05/06-, black, reproduction leather	FOR125
Ford Kuga	06/08-, black, reproduction leather	FOR145
Ford Mondeo	01-04/07, black, reproduction leather	FOR005
Ford Mondeo	05/07-, black, reproduction leather	FOR135
Ford S-Max	05/06-, black, reproduction leather	FOR125
Ford Transit	06/94-02/00, black, reproduction leather	FOR035
Ford Transit	03/00-05/06, black, reproduction leather	FOR065
Ford Transit	06/06-, black, reproduction leather	FOR115
Ford Transit Connect / Tourneo Connect	03-, black, reproduction leather	FOR055
<b>Mazda</b>		
Mazda 2	03-08/07, black, reproduction leather	MAR025
Mazda 3	03-, black, reproduction leather	MAR015
Mazda 5	06/05-12/07, black, reproduction leather	MAR035
Mazda 5	01/08-, black, reproduction leather	MAR045
Mazda 6	02-07, black, reproduction leather	MAR005
Mazda 6	01/08-, black, reproduction leather	MAR055
Mazda CX-7	09/07-, black, reproduction leather	MAR065
Mazda MX-5	11/05-, black, reproduction leather	MAR075
<b>Mercedes-Benz</b>		
MB A-Klasse (W169)	09/04-, black, reproduction leather	MBR105
MB B-Klasse	06/05-, black, reproduction leather	MBR125
MB C-Klasse (W202)	93-00, black, reproduction leather	MBR015
MB C-Klasse (W203)	01-02/07, black, reproduction leather	MBR025
MB C-Klasse (W204)	03/07-, black, reproduction leather	MBR165
MB E-Klasse (W211)	metal grille, 02-, black, reproduction leather	MBR055
MB E-Klasse (W211)	plastic grille, 02-, black, reproduction leather	MBR175
MB Sprinter	00-04/06, black, reproduction leather	MBR005
MB Sprinter	05/06-, black, reproduction leather	MBR145
<b>Mitsubishi</b>		
Mitsubishi Carisma	00-06/06, black, reproduction leather	MIR005
Mitsubishi Pajero	02/07-, black, reproduction leather	MIR035
Mitsubishi Space Star	99-02, black, reproduction leather	MIR015
<b>Opel</b>		
Opel Agila	04/08-, black, reproduction leather	OPR095
Opel Antara	03/07-, black, reproduction leather	OPR085
Opel Astra	98-02/04, black, reproduction leather	OPR075
Opel Astra	03/04-, black, reproduction leather	OPR035
Opel Corsa	10/06-, w/o board computer, black, reproduction leather	OPR065

### 3.02

Brand	Model	Ref. No.
<b>Opel</b>		
Opel Meriva	04-, black, reproduction leather	OPR005
Opel Movano	11/03-, black, reproduction leather	PER065
Opel Vectra	04/02-07/05, black, reproduction leather	OPR015
Opel Vectra	08/05-10/08, black, reproduction leather	OPR055
Opel Zafira	99-06/05, black, reproduction leather	OPR025
Opel Zafira	07/05-, black, reproduction leather	OPR045
<b>Peugeot</b>		
Peugeot 207	05/06-, black, reproduction leather	PER015
Peugeot 307	03-, black, reproduction leather	PER005
Peugeot 308	10/07-, black, reproduction leather	PER025
Peugeot 4007	08-, black, reproduction leather	PER035
Peugeot Boxer	04/02-08/06, black, reproduction leather	FIR015
Peugeot Boxer	09/06-, black, reproduction leather	FIR045
Peugeot Partner	06/08-, black, reproduction leather	CIR015
<b>Renault</b>		
Renault Laguna II	01-03/05, black, reproduction leather	PER055
Renault Mégane	96-10/02, black, reproduction leather	PER005
Renault Master	11/03-, black, reproduction leather	PER065
<b>Seat</b>		
Seat Alhambra	00-, black, reproduction leather	VWR045
Seat Altea	06/04-, black, reproduction leather	SER015
Seat Ibiza	05/08-, black, reproduction leather	SER035
Seat Leon	09/05-, black, reproduction leather	SER025
<b>Skoda</b>		
Skoda Fabia	00-06, black, reproduction leather	SKR035
Skoda Fabia	07-, black, reproduction leather	SKR025
Skoda Octavia (1U)	00-04/04, black, reproduction leather	SKR005
Skoda Octavia (1Z)	05/04-, black, reproduction leather	SKR015
Skoda Roomster	04/06-, black, reproduction leather	SKR025
Skoda Superb	08-, black, reproduction leather	SKR045
<b>Toyota</b>		
Toyota Auris	03/07-, black, reproduction leather	TOR035
Toyota Avensis	03-, black, reproduction leather	TOR025
Toyota Corolla Verso	05/04-, black, reproduction leather	TOR015
Toyota RAV4	03/06-, black, reproduction leather	TOR005
<b>Volvo</b>		
Volvo C30	07-, black, reproduction leather	VOR025
Volvo FH-Series	01-, black, reproduction leather	VOR015
Volvo S40	03/04-, black, reproduction leather	VOR025
Volvo V50	03/04-, black, reproduction leather	VOR025
<b>Volkswagen</b>		
VW Caddy	04-, black, reproduction leather	VWR105
VW Caddy Life	05-, black, reproduction leather	VWR145
VW Crafter	06-, black, reproduction leather	MBR145
VW Eos	06/06-, black, reproduction leather	VWR185
VW Fox	04/05-, black, reproduction leather	VWR015
VW Golf III	91-97, black, reproduction leather	VWR055
VW Golf IV	98-, black, reproduction leather	VWR025
VW Golf V	03-, with Climatronic, black, reproduction leather	VWR155
VW Golf V	03-, w/o Climatronic, black, reproduction leather	VWR165
VW Golf VI	10/08-, black, reproduction leather	VWR215
VW Golf Plus	05-, black, reproduction leather	VWR115
VW Jetta	05-, black, reproduction leather	VWR085
VW Passat	11/96-02/05, black, reproduction leather	VWR035
VW Passat	03/05-, with auto A/C, black, reproduction leather	VWR125
VW Passat	03/05-, with manual A/C, black, reproduction leather	VWR135
VW Polo	02-, black, reproduction leather	VWR005
VW Scirocco	08-, black, reproduction leather	VWR185
VW Sharan	00-, black, reproduction leather	VWR045
VW Tiguan	11/07-, black, reproduction leather	VWR175
VW Touran	03-, black, reproduction leather	VWR075
VW Transporter T3	05/79-07/92, black, reproduction leather	VWR205
VW Transporter T4	10/90-04/03, black, reproduction leather	VWR195
VW Transporter T5	04/03-, black, reproduction leather	VWR065



## Phone consoles

Mobiles and hands-free kits – perfectly integrated in the car!

**If mobile communication equipment is essential to you, why not give it a safe and ergonomic place in your vehicle? WAECO PerfectFit phone consoles are just what you are looking for.** Your phone is always close at hand, the display is perfectly readable, glare- and vibrationfree. WAECO PerfectFit leather consoles can also be used for other digital terminals, such as **MP3-Player, iPod oder PDA**. Never put any of these on the passenger seat or the middle console. **PerfectFit consoles are great for communications, organisation and entertainment. Enjoy the benefits of optimal ergonomics, take pleasure in the beautiful design!**

WAECO phone consoles are designed to **match the interior of specific vehicles**. None of the air vents are covered, all operating elements stay in easy reach. The consoles are easy to fit and available in two design options.

**Reproduction leather consoles** look remarkably like leather but come at a price that is considerably lower.

**Genuine leather consoles** are coated in smooth cow-hide leather and excel for their fascinating soft feel.

WAECO PerfectFit phone consoles are available **for more than 500 different vehicle models**.

**Note:** Detailed info within easy reach: [www.dometic-waeco.com/perfectfit](http://www.dometic-waeco.com/perfectfit)



Mounting example: Audi



Mounting example: BMW



Mounting example: Opel

### Approved safety – high quality

Having inspected all console materials for use in vehicle interiors, the RW-TÜV confirms that WAECO PerfectFit consoles provide exemplary safety. **They are made of flame-retardant, shatter-proof materials and have no sharp edges.**

Perfect Fit consoles are custom-made for specific vehicle models and are hand-made in our own production plant. The connections for their installation are made to the existing fixing points of the vehicle; there is no need to drill holes. As a result, the consoles can easily be dismantled without leaving a mark – a decisive advantage if you have a leased vehicle or when it comes to reselling.



### Consoles

3.02

Product	Material /cover
Vehicle-specific phone console	Reproduction leather, black
Vehicle-specific phone console	Genuine leather, black
Vehicle-specific monitor console (see below)	Reproduction leather, black

**PerfectFit consoles are available for vehicles of the following makes:** Alfa Romeo // Audi // BMW // Chevrolet // Chrysler // Citroën // Dacia // Daewoo // Daihatsu // Fiat // Ford // Honda // Hyundai // Isuzu // Jaguar // Jeep // Kia // Lancia // Land Rover // Lexus // Mazda // Mercedes-Benz // Mitsubishi // Nissan // Opel // Peugeot // Porsche // Renault // Rover // Saab // Seat // Skoda // Smart // SsangYong // Subaru // Suzuki // Toyota // Volvo // Volkswagen

## Monitor consoles for your mobile equipment

A firm hold – safe and secure

**Monitors, MP3 players, iPods and PDAs are commonly used in vehicles these days. WAECO PerfectFit monitor consoles provide a safe and ergonomic mounting platform for your equipment. Regardless of what you are driving – a car, van or motorhome – there's bound to be a "perfect fit" console for your vehicle.**

WAECO PerfectFit consoles are custom-designed to suit specific vehicles. Shapes and materials perfectly match the interior design. All operating elements remain easily accessible, none of the air vents are covered. During installation connections are made to the vehicle's existing fixing points. This ensures 100% clean dismantling, e.g. when the vehicle is sold.

For safety's sake, the hand-made reproduction leather consoles are shatter-proof and flame-retardant (TÜV approved).



# Mobile refrigeration

Information	48 – 49
Overview thermoelectric coolers	50 – 51
Bottle cooler	52 – 53
Thermoelectric car coolers in compact format	54 – 61
Thermoelectric high-tech coolers	62 – 65
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**WAECO**  
mobile solutions



# WAECO coolers – just right for you!

## Thermoelectric or compressor cooling

**What's best about long journeys? Admiring the countryside, looking forward to your destination ... and the breaks, of course!** Cool drinks and crisp snacks are refreshing and give you new energy for the next part of the drive. It is just as well, then, that high-performance and convenient WAECO coolers keep cool refreshments ready at hand. WAECO offers two different technologies to suit every need: lightweight and favourably priced thermoelectrics and high-performance compressor cooling.



**Low-cost and versatile**

### Thermoelectrics

Thermoelectric coolers by WAECO are especially lightweight and easy to transport. Moreover, they offer a welcome bonus: almost all thermoelectric coolers can heat as well.



**Powerful and durable**

### Compressor cooling

Compressor coolers by WAECO excel for their excellent cooling performance. Covering a temperature range between +10°C and -18°C they match the performance of domestic refrigerators. For car, motorhome, office and home use.

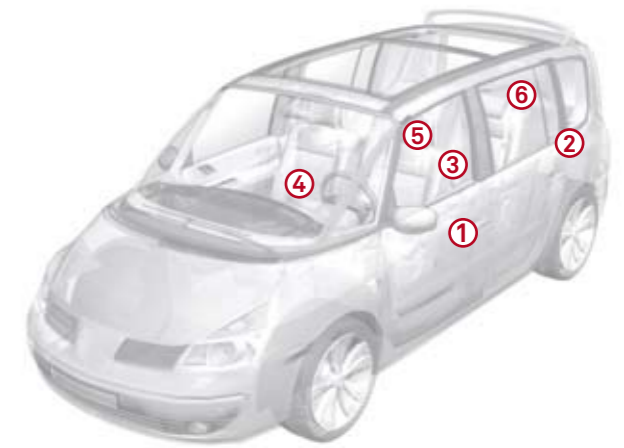
- › Lightweight and compact
- › Convenient to carry
- › Cooling capacity up to 30°C below ambient temperature
- › Can be switched to heating mode
- › For 12/24 volts DC as well as 230 volts AC (depending on the model)
- › Wear-resistant and maintenance-free
- › Favourably priced

- › Powerful and durable refrigeration
- › Deep-freezing up to -18°C
- › Spacious and functional
- › High-performance compressor technology
- › Intelligent CF special electronics with soft start and turbo cooler (CF-35 to CF-110)
- › Suitable for operation with a solar panel
- › Reliable and long-lasting

# Fixed for cooling: A safe place in the vehicle

**Different vehicles, different coolers, different needs – another field where WAECO excels** and comes up with the very solution that works.

Feel free to consult your specialist Dometic WAECO dealer for competent advice. Naturally, the Dometic WAECO team are happy to help, too.



**① Simple “push-in” fastening**

Small coolers like the TF-08 or TF-14 can be pushed between the front passenger seat and the backseat – a simple and effective means of keeping your cooler in place.

For example:  
**WAECO BordBar TF-08**


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**② Simply stored in the boot**

If the boot is filled with various items anyway, slip- and tilt-proof transport can normally be ensured by placing coolers amidst the luggage – without any additional means of fastening.

For example:  
**WAECO TropiCool TC-07**

 Page 63



**③ ISOFIX fastening**

Many vehicles are supplied with ISOFIX points for anchoring child seats on the rear bench. Using this well-established technology, WAECO has designed the TE-21-ISO car cooler for ISOFIX fastening.

**WAECO BordBar TE-21-ISO**


 Page 61




**④ Belt fastening on a seat**

The belt is either guided along the lid hinges (TB-08) or across the front of the cooler (TB-15). For the front passenger seat or backseat.

For example:  
**WAECO BordBar TB-08**

 Page 57



**⑤ Fastening between the seats**

In three-seat rows the cooler can also be fitted in place of the middle seat and secured in place with the WAECO universal fixing kit. Fits CDF-25, CF-35, CF-40 and CF-50.

For example:  
**WAECO CoolFreeze CF-35**


 Page 72




**⑥ Fastening in the boot**

WAECO fridge slides (long or wide version) can be fitted wherever required, e.g. in the boot or on the loading area of off-road vehicles. The cooler is kept securely in its place during the drive and can be moved in or out on the slides for convenient loading and unloading. Available in two sizes.

For example:  
**WAECO CoolFreeze CF-80**

 Page 74





low-cost and versatile

for cooling and keeping food warm

extra light and compact

wear resistant and maintenance-free

## Cooling comfort the easy way

Always ready at hand: thermoelectric coolers

**You are looking for a lightweight, versatile cooler you can take virtually everywhere? Then a thermoelectric cooler from the vast WAECO product range is just what you need.**

Lightweight and compact, your thermoelectric cooler takes up very little space and is easy to transport. It provides efficient cooling up to 30°C below the ambient temperature. Moreover, the unique thermoelectric technology gives you the option to keep food warm and appetising for hours.

Thermoelectric coolers from WAECO are the ideal companion for car journeys, camping or picnics, and they are a real treat in the office! The technology is maintenance-free and resists wear and tear – **for many years of undiminished enjoyment.**

### Bottle coolers / thermoelectric car cooler

Pages 52 – 55

#### WAECO MyFridge



MyFridge MF-1F

#### WAECO BordBar



BordBar BC-01



BordBar AS-25

### Thermoelectric car coolers

Pages 56 – 61

#### WAECO BordBar



BordBar TB-08



BordBar TB-15



BordBar TF-08



BordBar TF-14



BordBar TE-21-ISO

### Thermoelectric coolers

Pages 62 – 65

#### WAECO TropiCool



TropiCool TC-07



TropiCool TC-14FL



TropiCool TC-21FL



TropiCool TC-35FL

### Thermoelectric coolers

Pages 66 – 67

#### WAECO CoolFun



CoolFun CD-22



CoolFun CD-32

In-car catering at its best: WAECO bottle coolers keep drinks in convenient reach for car drivers. The BC-01 is an integrated bottle cooler combined with a telephone console. Fitted next to the gearshift lever, it is easily accessible. Designed to match specific vehicles, it blends harmoniously with the interior.

**For the most popular vehicles of the following brands:**

Audi // BMW // Ford // Mercedes-Benz // Opel // Seat  
Skoda // Toyota // VW

\* For the current overview please refer to page 109 in this catalogue or [www.dometic-waeco.com](http://www.dometic-waeco.com)



It's WAECO's thirst-quenching concept: thanks to the MyFridge MF-1F bottle cooler there's always a cool drink at hand. The compact unit keeps up to 1.5 litres of your favourite drink up to 22°C below the ambient temperature. And it will even heat if required (up to +60°C).

**WAECO MyFridge MF-1F – bottle holder with active cooling**

- › Illuminated keys
- › Capacity for 1.5-litre bottles
- › Cools up to 22°C below the ambient temperature
- › Aluminium interior: for fast cooling/heating
- › Fastened with screws for a firm hold in the vehicle

**Specific consoles available for the following vehicle models:**

- › Audi A4, 10/00 –, not for soft-top
- › BMW 3-Series (E90/E91), 03/05 –
- › Ford Mondeo, 07/03 – 04/07
- › Mercedes Benz C-Class (W203), 01 – 04/06
- › Opel Vectra (C), 04/02 –
- › VW Passat, 03/05 –



## Fresh and easy on the move

Vehicle-specific bottle cooler and phone console combined

## Thirst-quenching convenience

Elegant bottle cooler: holds drinks in place

**WAECO BordBar BC-01**

Thermoelectric bottle cooler with telephone console

4.08



<b>Material</b>	Coated with hand-sewn reproduction leather
<b>Colour</b>	Anthracite, specific colours available on request
<b>Voltage</b>	12 volts DC
<b>Gross capacity</b>	One standard 0.5-litre bottle
<b>Temperature range</b>	Up to 22°C below the ambient temperature, up to +60°C in the heating mode
<b>Insulation</b>	CFC-free polyurethane full-foam insulation
<b>Dimensions</b>	Depending on the model
<b>Weight</b>	Depending on the model
<b>System</b>	Wear-free thermoelectrics (Peltier system), cold transmission to the interior by aluminium container, heat dissipation to the outside by brushless, wear-free fan

**Quality features**  
Designed for specific vehicles, combined with telephone console, excellent cooling performance, hand-sewn reproduction leather coating, easy operation with LED-illuminated keys



Vehicle-specific design, combined with telephone console (see page 109)

Product	Ref. No.
BordBar BC-01	vehicle-specific*

**WAECO MyFridge MF-1F**

Thermoelectric bottle cooler for 12/24 volts

4.15



<b>Voltage</b>	12/24 volts DC
<b>Power consumption</b>	12 volts: 33 watts, 24 volts: 44 watts
<b>Temperature range</b>	Cooling mode up to 22°C below ambient temperature Heating mode up to +60°C beverage temperature
<b>System</b>	Wear-free thermoelectrics with exterior fan
<b>Material</b>	Outside: plastic; inside: aluminium
<b>Colour</b>	Grey/silver
<b>Dimensions (W x H x D)</b>	150 x 215 x 190 mm
<b>Weight</b>	1.2 kg
<b>Quality features</b>	Fits most commonly available 1 to 1.5-litre bottles, cooling and heating function, elegant design, sturdy construction, aluminium interior for fast cooling/heating, easy screw-mount installation

**Test marks**  
TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

Product	Ref. No.
MyFridge MF-1F	MF-1F-12/24
<b>Consoles for MF-1F-12/24</b>	
Audi A4, 10/00 – 11/07, not for soft-top	BCAU000
BMW 3-Series (E90 / E91), 03/05 –	BCBM000
Ford Mondeo, 07/03 – 04/07	BCFO000
MB C-Class (W203), 01 – 04/06	BCMB000
Opel Vectra (C), 04/02 –	BCOP000
VW Passat, 03/05 –	BCVW000
<b>Optional extra</b>	
Voltage monitor 12 volts 5 A	M-50U-12



Ready for connection to 12/24 volts



## Cost/benefit champion!

Universal car cooler with surprising extras



**Generous cooling capacity at a bargain price ... this alone speaks for the WAECO BordBar AS-25.** Add to this its versatility: shopping, picnic, sports, holiday, beach – the thermoelectric over-the-shoulder cooler copes without fuss. Fresh goodies, snacks and drinks stay superbly cool inside.



Velcro fasteners for a firm hold in the vehicle



A net pocket ...



... and two zip closure pockets



Adjustable shoulder strap for convenient transport

### Textile appeal, tough inside

If you are the adventurous sort, the **WAECO BordBar AS-25 is "your" cooler.** Its inside is the sturdy housing of a box. Its outside consists of a highly effective layer of insulation material with a wear-resistant textile coating – designed in unobtrusive greys to match every outfit and any car interior.

Picnic accessories can be stored in two closable pockets and a net pocket.

The AS-25 is also very flexible in terms of energy supply: **its cooling power comes either from a 12-volt car battery or the 230-volt mains.**

#### WAECO BordBar AS-25

Thermoelectric car cooler with DC/AC auto switch

4.08



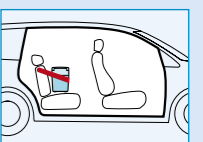
<b>Gross capacity</b>	approx. 24 litres
<b>Voltage</b>	12 volts DC and 230 volts AC
<b>Temperature range</b>	Up to 18°C below ambient temperature
<b>Dimensions (W x H x D)</b>	42.0 x 42.0 x 30.0 cm
<b>Weight</b>	approx. 4.3 kg
<b>Quality features</b>	DC/AC auto switch (12/230 V) for car and mains operation, two zip-closure pockets, one net pocket, one cable compartment, adjustable shoulder strap, vertical space for 2-litre bottles, Velcro fasteners for a firm hold in the car, hard-wearing outside material
<b>Test marks</b>	TÜV/GS, e-approved to 2006/28/EG (Automotive EMC Directive)



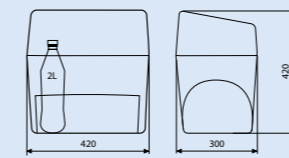
Up to 18°C below ambient temperature



12/230 volts



Velcro fasteners for a firm hold in the car



<b>Product</b>	<b>Ref. No.</b>
BordBar AS-25	AS-025AC



## Everybody on board?

Compact coolers for the car: TB-08 and TB-15

The compact BordBar TB-08 makes travelling fun: surprisingly spacious and convenient in the car, it is **small and light** on the way to a picnic. The EPS-817U mains adapter permits operation from the 230-volt socket.

Have fun on the move – and enjoy your breaks with the BordBar TB-15. With its smooth, gentle curves in subtle greys, this elegant car cooler blends harmoniously with the interior of most vehicles. It is placed on the front passenger seat or the centrepiece of the rear seat and fastened with the safety belt. **Both coolers will heat as well.**



**Available accessories:**

Mains adapter EPS-817U, 230 V > 12 V, voltage monitor M50U, 12 V, 5A

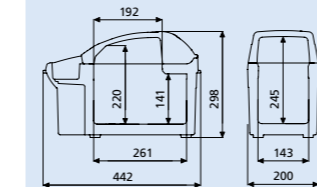
### WAECO BordBar TB-08

Thermoelectric car cooler with cooling and heating function

4.08



Mains adapter EPS-817U



<b>Gross capacity</b>	8 litres
<b>Voltage</b>	12 volts DC
<b>Average power consumption</b>	32 watts
<b>Temperature range in the cooling mode</b>	Up to 20°C below ambient temperature, in the heating mode: interior temperature limited by thermostat at +65°C
<b>Insulation</b>	ISOFOAM, CFC-free
<b>System</b>	Wear-free thermoelectrics (Peltier system)
<b>Material</b>	PP
<b>Colour</b>	Anthracite/grey
<b>Weight</b>	approx. 3.2 kg
<b>Quality features</b>	Accommodates 0.33-litre cans and 0.5-litre bottles standing upright, two drink holders, cold/warm option, fold-up lid that can be opened with one hand, cable compartment in the lid, fastened on the vehicle seat with the safety belt, additional belt for fastening between two seats, LED indicators for cooling/heating function
<b>Test marks</b>	TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

Product	Ref. No.
BordBar TB-08	TB-08G-12
<b>Optional extras</b>	
Mains adapter 230 V > 12 V	EPS-817U
Voltage monitor 12 V, 5 A	M-50U-12

Up to 20°C below ambient temperature

Up to +65°C in the heating mode

Simply strapped on a seat

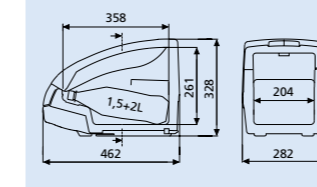
### WAECO BordBar TB-15

Thermoelectric car cooler with cooling and heating function

4.08



Mains adapter EPS-817U



<b>Gross capacity</b>	approx. 15 litres
<b>Voltage</b>	12 volts DC
<b>Average power consumption</b>	40 watts
<b>Temperature range</b>	In the cooling mode: up to 20°C below ambient temperature, in the heating mode: interior temperature limited by thermostat at +65°C
<b>Insulation</b>	Polyurethane full-foam insulation
<b>System</b>	Wear-free thermoelectrics (Peltier system)
<b>Material</b>	ABS
<b>Colour</b>	Pale grey/dark grey
<b>Weight</b>	approx. 5.2 kg
<b>Quality features</b>	LED indicators for cooling/heating function and battery monitor, safe fastening on the vehicle seat with the safety belt, extensible fastening rail to avoid tilting in case of a sudden stop, safe pressure closure, ABS (Active Battery Security), accommodates 1.5- and 2-litre returnable bottles, cold/warm option, fold-up grid tray, serves as an armrest for extra comfort when fitted on the rear seat
<b>Test marks</b>	TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

Product	Ref. No.
BordBar TB-15	TB-15G-12
<b>Optional extra</b>	
Mains adapter 230 V > 12 V	EPS-817U

Up to 20°C below ambient temperature

Up to +65°C in the heating mode

Active Battery Security

Passenger at the front or middle armrest in the rear



## Freshness for the taking

Super-cool, inside and out: the TF-08 and TF-14 car coolers

The **BordBar TF-08** is not only a convenient cooler but also a genuine eye-catcher with its soft and elegant textile cover. Extra comfort and convenience is provided by the shoulder strap and the **practical roller shutter closure**. Its Velcro fasteners can be used to fix the bag to the safety belt for a firm hold on a car seat.

The **BordBar TF-14** fits perfectly on the front passenger seat or one of the seats in the rear. It excels by its stylish, business-like looks and **super cooling performance up to 25°C below ambient**. Handy extra: **closing outside pockets** for anything that doesn't need cooling.



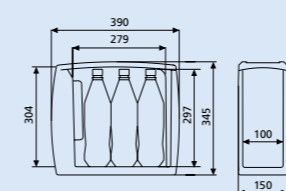
### WAECO BordBar TF-08

Thermoelectric car cooler with roller shutter closure

4.08



Mains adapter EPS-817U



<b>Gross capacity</b>	approx. 8 litres
<b>Voltage</b>	12 volts DC
<b>Average power consumption</b>	36 watts
<b>Temperature range</b>	20°C below the ambient temperature
<b>Insulation</b>	Polyurethane full-foam insulation
<b>System</b>	Wear-free thermoelectrics (Peltier system), cold/heat transmission to the interior by aluminium heat exchanger, heat dissipation to the outside by fan
<b>Material</b>	Frame components in plastic, textile cover in high-quality Oxford nylon
<b>Colour</b>	Black/grey
<b>Weight</b>	approx. 3.5 kg
<b>Quality features</b>	Easy-to-use roller shutter closure, practical shoulder strap, vertical space for three 1-litre bottles stored upright, soft textile cover, Velcro fasteners for a secure hold in the vehicle
<b>Test marks</b>	TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

Product	Ref. No.
BordBar TF-08	9105300001
<b>Optional extras</b>	
Mains adapter 230 V > 12 V	EPS-817U
Voltage monitor 12 V, 5 A	M-50U-12

Up to 25°C below ambient temperature

Kept tight behind the seat or fastened on a seat

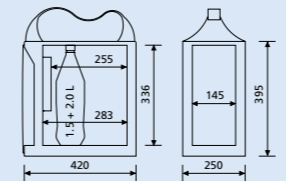
### WAECO BordBar TF-14

Thermoelectric car cooler with reinforced insulation

4.08



Mains adapter EPS-817U



<b>Gross capacity</b>	14 litres
<b>Voltage</b>	12 volts DC
<b>Average power consumption</b>	36 watts
<b>Temperature range</b>	Up to 25°C below the ambient temperature
<b>Insulation</b>	Polyurethane full-foam insulation
<b>System</b>	Wear-free thermoelectrics (Peltier system), cold/heat transmission to the interior by aluminium heat exchanger, heat dissipation to the outside by fan
<b>Material</b>	Exterior in high-quality Oxford nylon, sides in hard-wearing, rubber-coated nylon
<b>Colour</b>	Silver-grey/black
<b>Weight</b>	approx. 4.6 kg
<b>Quality features</b>	Three practical, spacious exterior pockets with zip or snap fastener, practical carrying strap, improved insulating effect through reinforced insulation and additional aluminium foil inside the cooler, vertical space for 2-litre bottles
<b>Test marks</b>	TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

Product	Ref. No.
BordBar TB-14	TF-14AU-12
<b>Optional extras</b>	
Mains adapter 230 V > 12 V	EPS-817U
Voltage monitor 12 V, 5 A	M-50U-12

Up to 25°C below ambient temperature

Kept tight behind the seat or fastened on a seat



## Kept safely in the passenger compartment

Car cooler for ISOFIX fastening

Many vehicles are supplied with ISOFIX points for anchoring child seats on the rear bench. Using this well-established technology, WAECO has designed the BordBar TE-21-ISO for ISOFIX fastening. This car cooler is placed on the seat and simply plugs into the ISOFIX

points using the existing insert device or the one included in the set. A simple and cost-effective solution with built-in safety.

### A firm hold at a click

- › Crash-tested and approved to standards equivalent to ECE-R44
- › Exclusive design: the WAECO BordBar TE-21-ISO with ISOFIX compatible fastening rail is protected by utility patent.



## Extra-sturdy – TE-21-ISO

A firm hold at a click

**WAECO BordBar TE-21-ISO**  
Thermoelectric car cooler for ISOFIX fastening

4.08



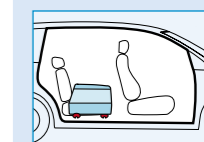
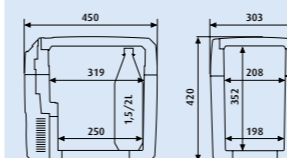
<b>Gross capacity</b>	approx. 21 litres
<b>Voltage</b>	<b>12/24 volts DC and 230 volts AC</b>
<b>Power consumption</b>	approx. 55 W at 12 V, approx. 60 W at 24 V, approx. 80 W at 230 V
<b>Average running time</b>	32% at +20°C ambient temperature
<b>Temperature range Cooling</b>	Cooling: +1°C to +15°C (up to 30°C below ambient temperature); heating: +50°C to +65°C
<b>Insulation</b>	Polyurethane full-foam insulation
<b>System</b>	Wear-free thermoelectrics (Peltier system), cold transmission to the interior by dynamically ventilated aluminium heat exchanger, heat dissipation to the outside by high-performance heat exchanger and brushless, wear-free fan
<b>Material</b>	Cabinet of sturdy injection-moulded parts
<b>Colour</b>	Dark grey/pale grey
<b>Weight</b>	approx. 6.0 kg
<b>Quality features</b>	<b>TC special electronics:</b> 7-stage electronic thermostat with LED indicators, memory function, soft-touch operating panel, intelligent power-save circuit, integrated mains supply unit with priority circuit, magnetic switch to deactivate the interior fan when the box is opened, detachable lid with snap closure, sturdy, fold-away handle, vertical space for 2-litre bottles, adjustable grid divider, <b>ISOFIX system</b>
<b>Test marks</b>	TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

  
Up to 30°C below ambient temperature

  
Up to +65°C in the heating mode

TC special electronics

ISOFIX system



Fitted on the rear seat with ISOFIX system

<b>Product</b>	<b>Ref. No.</b>
BordBar TE-21-ISO	TE-21-ISO



## Small classic and compact all-rounder

Always good for a surprise



**The TropiCool TC-07 is the kind of small, lightweight cooler to take wherever you go.** In the car it is kept on the floor between the seats, and when you are walking the comfortable shoulder strap keeps your hands free.

**Looking for a compact cooler to suit whichever whim might take you?** That means the TC-14FL is just the right thing. It's compact and light, easy to handle and a genuine all-round talent. **Designed to run on virtually any current, it will chill or heat as required.**

### WAECO TropiCool TC-07

Thermoelectric cooler with shoulder strap

4.01



<b>Gross capacity</b>	approx. 7 litres
<b>Voltage</b>	<b>12/230 volts DC/AC</b>
<b>Power consumption</b>	approx. 36 watts
<b>Temperature range</b>	Cooling: approx. +5°C (up to 25°C below ambient temperature); Heating: approx. +65°C
<b>Insulation</b>	Polyurethane full-foam insulation
<b>System</b>	Wear-free thermoelectrics (Peltier system), cold/heat transmission to the interior through coated aluminium container, heat dissipation to the outside by brushless, wear-free fan
<b>Colour</b>	Dark grey/pale grey
<b>Weight</b>	approx. 2.8 kg
<b>Quality features</b>	Fixed point thermostats, ready for connection to 230 volts, shoulder strap, 12-volt connection cable and 230-volt mains adapter included
<b>Test marks</b>	TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

Up to 25°C below ambient temperature

Up to +65°C in the heating mode

12/230 volts

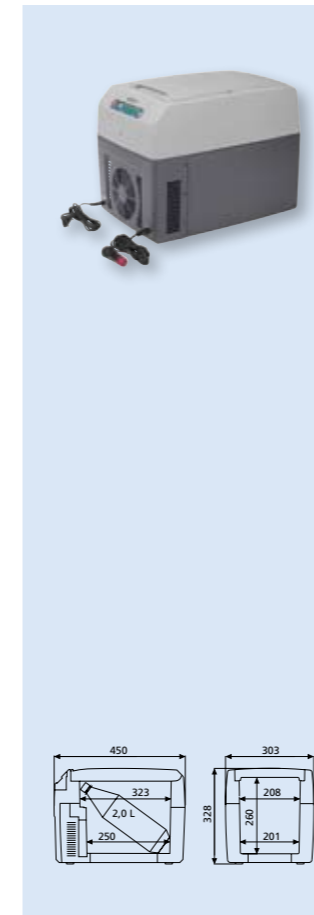
Kept tight behind the front passenger seat or in the boot

Product	Ref. No.
TropiCool TC-07	TC-07UG-12/230
<b>Optional extras</b>	
Voltage monitor 12 V, 5 A	M-50U-12

### WAECO TropiCool TC-14FL

Thermoelectric cooler with TC special electronics

4.01



<b>Gross capacity</b>	approx. 14 litres
<b>Voltage</b>	<b>12/24 volts DC and 230 volts AC</b>
<b>Power consumption</b>	approx. 55 watts at 12 V DC, approx. 60 watts at 24 V DC, approx. 80 watts at 230 V AC
<b>Temperature rang</b>	Cooling: +1°C to +15°C (up to 30°C below ambient temperature); Heating: +50°C to +65°C
<b>Insulation</b>	Polyurethane full-foam insulation
<b>System</b>	Wear-free thermoelectrics (Peltier system), cold transmission to the interior by dynamically ventilated aluminium heat exchanger, heat dissipation to the outside by high-performance heat exchanger and brushless, wear-free fan
<b>Material</b>	Sturdy injection moulded parts
<b>Colour</b>	Dark grey/pale grey
<b>Weight</b>	approx. 5.0 kg
<b>Quality features</b>	TC special electronics: 7-stage electronic thermostat with LED indicators, memory function, soft-touch operating panel, intelligent power-save circuit. Integrated mains supply unit with priority circuit, magnetic switch to deactivate the interior fan when the box is opened, detachable lid with magnetic closure, sturdy, fold-away handle
<b>Test marks</b>	TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

Up to 30°C below ambient temperature

Up to 65°C in the heating mode

12/24/230 volts

Can be fitted in the boot with the universal fixing kit

Product	Ref. No.
TropiCool TC-14FL	TC-14FL-AC
<b>Optional extras</b>	
Universal fixing kit	UFK-T
Voltage monitor 12 V, 5 A	M-50U-12





## Ample space for freshness

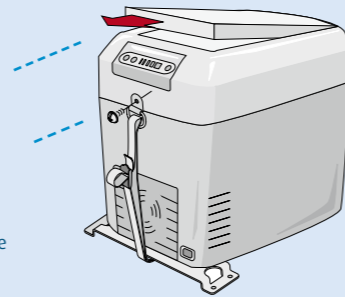
Easy living from the boot: TC-21FL and TC-35FL



**You like to enjoy life without compromising?** Fine, because these coolers excel for their generous size and finish. With many exclusive features to suit: TC special electronics, cooling & heating, memory function, easy handling ... just start enjoying!

The detachable pull-off lid enables fast and convenient access, even in confined spaces.

In the boot, the universal fixing kit provides a sound and secure hold for the coolers of the TC series. Its sturdy metal rails are screwed down, and the cooler is fastened with belts.



**A firm hold at a click**

Also as TE-21-ISO with ISOFIX fastening. Read more on this on pages 60 – 61.

### WAECO TropiCool TC-21FL

Thermoelectric cooler with TC special electronics

4.01



<b>Gross capacity</b>	approx. 21 litres
<b>Voltage</b>	<b>12/24 volts DC and 230 volts AC</b>
<b>Power consumption</b>	approx. 55 watts at 12 V DC, approx. 60 watts at 24 V DC, approx. 80 watts at 230 V AC
<b>Average running time</b>	32% at +20°C ambient temperature
<b>Temperature range</b>	Cooling: +1°C to +15°C (up to 30°C below ambient temperature); heating: +50°C to +65°C
<b>Insulation</b>	Polyurethane full-foam insulation
<b>System</b>	VWear-free thermoelectrics (Peltier system), cold transmission to the interior by dynamically ventilated aluminium heat exchanger, heat dissipation to the outside by high-performance heat exchanger and brushless, wear-free fan
<b>Material</b>	Sturdy, injection-moulded parts
<b>Colour</b>	Dark grey/pale grey
<b>Weight</b>	approx. 6.0 kg
<b>Quality features</b>	TC special electronics: 7-stage electronic thermostat with LED indicators, memory function, soft-touch operating panel, intelligent power-save circuit. Integrated mains supply unit with priority circuit, magnetic switch to deactivate the interior fan when the box is opened, detachable lid with magnetic closure, sturdy, fold-away handle, vertical space for 2-litre bottles, adjustable grid divider
<b>Test marks</b>	TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

Product	Ref. No.
TropiCool TC-21FL	TC-21FL-AC
<b>Optional extras:</b> Universal fixing kit	UFK-T
Voltage monitor 12 V, 5 A	M-50U-12

Up to 30°C below ambient temperature

Up to +65°C in the heating mode

12/24/230 volts

Can be fitted in the boot with the universal fixing kit

### WAECO TropiCool TC-35FL

Thermoelectric cooler with TC special electronics

4.01



<b>Gross capacity</b>	approx. 35 litres
<b>Voltage</b>	<b>12/24 volts DC and 230 volts AC</b>
<b>Power consumption</b>	approx. 55 watts at 12 V DC, approx. 60 watts at 24 V DC, approx. 80 watts at 230 V AC
<b>Average running time</b>	35% at +20°C ambient temperature
<b>Temperature range</b>	Cooling: +1°C to +15°C (up to 30°C below ambient temperature); heating: +50°C to +65°C
<b>Insulation</b>	Polyurethane full-foam insulation
<b>System</b>	Wear-free thermoelectrics (Peltier system), cold transmission to the interior by dynamically ventilated aluminium heat exchanger, heat dissipation to the outside by high-performance heat exchanger and brushless, wear-free fan
<b>Material</b>	Sturdy, injection moulded parts
<b>Colour</b>	Dark grey/pale grey
<b>Weight</b>	approx. 10.0 kg
<b>Quality features</b>	TC special electronics: 7-stage electronic thermostat with LED indicators, memory function, soft-touch operating panel, intelligent power-save circuit. Integrated mains supply unit with priority circuit, magnetic switch to deactivate the interior fan when the box is opened, detachable lid with snap closure, handy carrying grips, vertical space for 2-litre bottles, adjustable grid divider
<b>Test marks</b>	TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

Product	Ref. No.
TropiCool TC-35FL	TC-35FL-AC
<b>Optional extras:</b> Universal fixing kit	UFK-T
Voltage monitor 12 V, 5 A	M-50U-12

Up to 30°C below ambient temperature

Up to +65°C in the heating mode

12/24/230 volts

**Jumbo cooler for campers, travellers and truckers**

Can be fitted in the boot with the universal fixing kit



## Pit stop at bargain price

Affordable coolers with DC/AC connection and astonishing extras

WAECO CoolFun coolers are light and handy, yet they have a great deal to offer. Cheerfully blue in colour and compact in design, they are surprisingly roomy inside – large enough to accommodate even tall bottles.

The “trick” is that the innovative thermoelectric system takes up little space while providing impressive functionality. It will not only bring the temperature down to +5°C, but also raise it to +70°C if required. Thanks to the integrated 230-volt mains adapter you can run your cooler from the mains at home or the cigarette lighter of

your vehicle. The priority circuit for 230 volts reduces the strain on the vehicle battery to a minimum.

Additionally, the WAECO CoolFun CD-32 features a power-save circuit for maximum economy. The CoolFun CD-22 comes with an extra insulating lid for convenient transport without power supply.

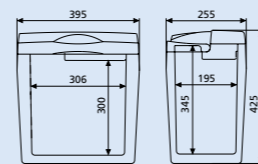
WAECO CoolFun adds pleasure to your break – in your free time and at work.

### WAECO CoolFun CD-22

Thermoelectric cooler at an entry-level price



Extra insulating lid (ideal for going to the beach)



<b>Gross capacity</b>	approx. 22 litres
<b>Voltage</b>	12/230 volts DC/AC
<b>Power consumption</b>	approx. 48 watts
<b>Temperature range</b>	Cooling: up to 20°C below the ambient temperature, heating: interior temperature limited by thermostat at +65 °C
<b>Insulation</b>	Polyurethane full-foam insulation
<b>System</b>	Wear-free thermoelectrics (Peltier system)
<b>Material</b>	Sturdy injection-moulded parts
<b>Colour</b>	Blue/white
<b>Weight</b>	approx. 4.8 kg
<b>Quality features</b>	Brushless fan, vertical space for standing 1.5-litre bottles, dynamic interior ventilation, cold/warm option, practical recessed grip in the lid, ready for connection to 12/230 volts with priority for 230 volts, additional insulating lid
<b>Test marks</b>	TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

Product	Ref. No.
CoolFun CD-22	CD-22-AC
Optional extra	
Voltage monitor 12 volts 5 A	M-50U-12

4.02

Up to 20°C below ambient temperature

Up to +65°C in the heating mode

12/230 volts

Placed e.g. between the driver's seat and the rear seat

### WAECO CoolFun CD-32

Thermoelectric cooler with spacious interior



<b>Gross capacity</b>	approx. 32 litres
<b>Voltage</b>	12/230 volts DC/AC
<b>Power consumption</b>	approx. 60 watts at 12 volts, approx. 70 watts at 230 volts
<b>Temperature range</b>	Cooling: +5°C to +15°C (up to 25°C below the ambient temperature); Heating: +55°C to +70°C
<b>Insulation</b>	Polyurethane full-foam insulation
<b>System</b>	Wear-free thermoelectrics (Peltier system), cold transmission to the interior by dynamically ventilated aluminium heat exchanger, heat dissipation to the outside with high-performance heat exchanger and brushless, wear-free fan
<b>Material</b>	Sturdy injection-moulded parts
<b>Colour</b>	Blue/white
<b>Weight</b>	approx. 8.0 kg
<b>Quality features</b>	Power-save circuit, interior temperature continuously variable with slide switch from 5°C to 15°C or 55°C to 70°C, ON/OFF and cold/warm switches on membrane keypad, vertical space for 2-litre bottles, can be used as a chest or upright fridge, ready for connection to 12/230 volts with priority for 230 volts
<b>Test marks</b>	TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

Product	Ref. No.
CoolFun CD-32	CD-32-AC
Optional extra	
Voltage monitor 12 volts 5 A	M-50U-12

4.02

Up to 25°C below ambient temperature

Up to +70°C in the heating mode

12/230 volts

Placed e.g. between the driver's seat and the rear seat



powerful, durable cooling  
suitable for deep-freezing  
spacious and functional  
for on-the-move and home use

## Refrigeration at its most powerful Compressor coolers

**Powerful cooling is a top priority for you? Then a WAECO compressor cooler is the obvious choice.** Covering a temperature range from +10°C to -18°C, these units are just as powerful as a domestic fridge. The difference is they can be used wherever you want: in cars and motorhomes, in holiday apartments ... and at home as well.

Intelligent CF special electronics (CF-35 to CF-100) with soft start, turbo cooler and digital temperature readout make for accurate regulation and convenient handling. WAECO compressor coolers are highly efficient and modest in power consumption. Moreover, they are suitable for operation with a solar panel. **A trend-setting technology concept – with compressor power and in excellent WAECO quality.**

### Compressor coolers with deep-freeze function

Pages 70 – 71

#### WAECO CoolFreeze



CoolFreeze CDF-18



CoolFreeze CDF-25

### The most powerful compressor coolers

Pages 72 – 77

#### WAECO CoolFreeze



CoolFreeze CF-35

CoolFreeze CF-40

CoolFreeze CF-50



CoolFreeze CF-80

CoolFreeze CF-110

#### “DC + AC” – WAECO products that are at home the world over

**Boundless mobility is the order of the day** – this goes for business as well as for all leisure activities. This is why more and more WAECO coolers come with the “DC + AC” logo, which shows they are designed for global use.

- › Operation on either 12/24 volts DC or 100 – 240 volts AC
- › Integrated priority circuit for mains operation



#### CF special electronics with digital temperature readout, soft start and turbo cooler

The five CoolFreeze coolers CF-35 to CF-110 are equipped with the CF special electronics system featuring the following functions:

- › Intelligent, automatic turbo cooler
- › 3-stage battery protection to be set on the digital display
- › 4-digit display readout
- › Digital readout in Celsius or Fahrenheit
- › Free temperature setting on the display
- › Display of current interior temperature
- › Status and error indication by 2 separate LEDs
- › Memory function saves the last settings



**Turbo power with economy.** The CF special electronics system gives the compressor a soft and power-saving start at 2500 rpm. If the preset temperature is not reached within a short period of time or a temperature below -12°C has been set, the turbo cooler switches on automatically to boost the compressor speed to 3500 rpm. As soon as a preset temperature up to -12°C has been reached, the system switches back to economy mode (except if a temperature below -12°C has been set). **The outcome:** fast yet economical cooling from +10°C to -18°C.

## Compressor cooling "light"

Fridge and freezer all in one

A flyweight of a compressor cooler with an empty weight of just 11.5 kg, and convenient to transport with the sturdy carrying handle: the WAECO CoolFreeze CDF-18 offers a full 18-litre capacity for snacks and drinks. This is due to the unit's optimised inside and outside dimensions and to the compact design of the high-tech compressor. In terms of performance, the CDF-18 qualifies as a true heavyweight: refrigeration and deep-freezing up to -18°C at minimal energy consumption!



The truly portable fridge/freezer

### WAECO CoolFreeze CDF-18

Portable compressor cooler for refrigeration and deep-freezing

4.29



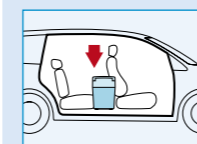
<b>Gross capacity</b>	approx. 18 litres
<b>Voltage</b>	12/24 volts DC
<b>Power input</b>	approx. 35 watts
<b>Average running time</b>	10% at +20°C ambient temperature 18% at +32°C ambient temperature both at +5°C interior temperature
<b>Power consumption</b>	Power input x average running time
<b>Temperature range</b>	+10°C to -18°C, continuously variable via electronic thermostat
<b>Insulation</b>	CFC-free polyurethane full-foam insulation
<b>System</b>	Compressor with integrated control electronics, low-voltage protection adjustable for leisure or starter battery by means of a slide switch, electronic fuse/automatic reverse pole protection, dynamically ventilated wire tube condenser, aluminium rollbond evaporator
<b>Material</b>	Cabinet: PP; lid: PE
<b>Colour</b>	Body: pale grey/dark grey; lid: dark grey
<b>Weight</b>	approx. 11.5 kg
<b>Quality features</b>	Detachable fold-up lid, sturdy carrying handle, vertical space for standing 2-litre bottles
<b>Scope of delivery</b>	DC connection cable
<b>Test marks</b>	TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

Temperature range +10°C to -18°C

Suitable for solar operation

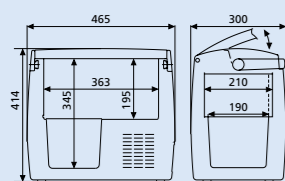
**Energy saver:** short running times with reinforced insulation: consumes only 0.29 Ah/h to reach +5°C interior temperature at +20°C ambient temperature

Protective cover as accessory (page 75)



Simply placed behind a seat

Product	Ref. No.
CoolFreeze CDF-18	9105100002
<b>Optional extras</b>	
Mains adapter 230 V > 24 V	EPS-100W
Mains adapter 230 V > 12 V	EPS-817U
Insulating protective cover	IC-CF-18



Easy to operate, secure closing mechanism



Robust, elegant, extremely comfortable carrying handle



Vertical insertion of the folding grid: space for standing 2-litre bottles



Salad underneath, bottles above: the horizontal folding grid arranges everything



Left: continuously variable electronic thermostat; right: two-stage battery monitor

## Fits into every niche

Slim size, nice price

It fits where others won't: slim and tall, the WAECO CoolFreeze CDF-25 neatly slots into narrow gaps and niches of your vehicle where it can be secured in place by a fixing kit. It is convenient to transport and provides 23 litres capacity for refrigeration or deep-freezing. Energy consumption is minimal. All in all, a cool insider tip for price-conscious buyers!



Extremely economical!

### WAECO CoolFreeze CDF-25

Portable compressor cooler for refrigeration and deep-freezing

4.29



<b>Gross capacity</b>	approx. 23 litres (19 l for refrigeration/deep-freezing, 4 l for fresh food)
<b>Voltage</b>	12/24 volts DC
<b>Power input</b>	approx. 35 watts
<b>Average running time</b>	15% at +20°C ambient temperature, 19% at +32°C ambient temperature, both at +5°C interior temperature
<b>Power consumption</b>	Power input x average running time
<b>Temperature range</b>	+10°C to -18°C, continuously variable via electronic thermostat
<b>Insulation</b>	CFC-free polyurethane full-foam insulation
<b>System</b>	Compressor with integrated control electronics, low voltage protection adjustable for leisure and starter battery by means of a slide switch, electronic fuse/automatic reverse pole protection, dynamically ventilated wire tube condenser, aluminium rollbond evaporator
<b>Material</b>	Cabinet: PP; lid: PE
<b>Colour</b>	Body: pale grey/dark grey; lid: dark grey
<b>Weight</b>	approx. 12.5 kg
<b>Quality features</b>	Detachable lid (lid mount at the front), vertical space for standing 2-litre bottles
<b>Scope of delivery</b>	DC connection cable, detachable wire basket
<b>Test marks</b>	TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

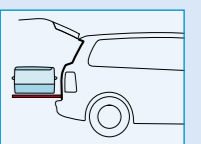
Temperature range +10°C to -18°C

Suitable for solar operation

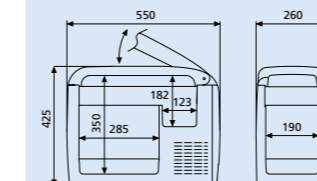
Slim body - minimal space consumption

Protective cover and fixing kit as accessories (page 75)

230-volt connection with low-priced mains adapters



Universal fixing kit for boot/cargo area



Closing mechanism: easy to use and super-safe



Left: continuously variable electronic thermostat; right: two-stage battery monitor



Robust lid hinge, sturdy injection moulded cabinet



Space for upright storage of 2-litre bottles across the entire base

## Concentrated cooling power

Premium boxes for all applications

The cooling power of CoolFreeze compressor coolers is unsurpassed – even in warm ambient conditions. The high-performance premium appliances provide ample space for cooling and deep freezing: **37 litres, 49, 80 ... yes, even 106 litres of volume** for your goodies. Ergonomically shaped recessed grips and sturdy carrying handles facilitate transport.

WAECO CoolFreeze coolers can be operated on almost any mains network in the world. Whether **12, 24, 110 or 240 volts** – the innovative electronic system recognises each voltage and adjusts itself accordingly.

**Available accessories:** insulating protective covers, fridge slides in two sizes for front or side slide-out access, universal fixing kit for CF-40 and CF-50.



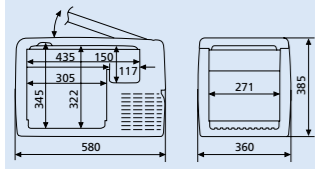
### WAECO CoolFreeze CF-35

Compressor cooler for refrigeration and deep-freezing with CF special electronics

4.10



<b>Gross capacity</b>	approx. 31 litres (26.5 l for refrigeration/deep-freezing, 4.5 l for fresh food)
<b>Voltage</b>	12/24 volts DC and 100 – 240 volts AC
<b>Power consumption</b>	approx. 45 watts
<b>Average running time</b>	15% at +20°C ambient temperature 19% at +32°C ambient temperature both at +5°C interior temperature
<b>Power consumption</b>	Power input x average running time
<b>Temperature range</b>	+10°C to –18°C, free temperature setting via electronic thermostat with digital temperature readout
<b>Insulation</b>	CFC-free polyurethane full-foam insulation
<b>System</b>	Fully hermetic Danfoss BD35F compressor with integrated control electronics, low voltage protection adjustable for leisure and starter battery via electronic system, electronic fuse/automatic reverse pole protection, dynamically ventilated wire tube condenser, aluminium rollbond evaporator
<b>Material</b>	Cabinet: PP, lid: PE
<b>Colour</b>	Body: pale grey/dark grey; lid: dark grey
<b>Weight</b>	approx. 15 kg
<b>Quality features</b>	Detachable lid (lid mount at the front), interior light, vertical space for standing 1.5-litre bottles. CF special electronics with soft start and turbo cooler (p. 69)
<b>Scope of delivery</b>	DC and AC connection cables, evaporator grille, detachable carrying handles
<b>Test marks</b>	TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)



Product	Ref. No.
CoolFreeze CF-35	CF-035AC
<b>Optional extras</b>	
Fridge slide, long	SLD-060
Fridge slide, wide	SLD-060W
Universal fixing kit	UFK-C
Insulating protective cover	IC-CF-35



Temperature range  
+10°C to –18°C



Suitable for solar operation



12/24 volts DC and  
100 – 240 volts AC

Protective cover, fridge  
slides and fixing kit  
as accessories  
(page 75)

CF special electronics  
with soft start and  
turbo cooler



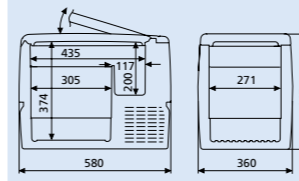
### WAECO CoolFreeze CF-40

Compressor cooler for refrigeration and deep-freezing with CF special electronics

4.10



<b>Gross capacity</b>	approx. 37 litres (31 l for refrigeration/deep-freezing, 6 l for fresh food)
<b>Voltage</b>	12/24 volts DC and 100 – 240 volts AC
<b>Power input</b>	approx. 45 watts
<b>Average running time</b>	18% at +20°C ambient temperature 22% at +32°C ambient temperature both at +5°C interior temperature
<b>Power consumption</b>	Power input x average running time
<b>Temperature range</b>	+10°C to –18°C, free temperature setting via electronic thermostat with digital temperature readout
<b>Insulation</b>	CFC-free polyurethane full-foam insulation
<b>System</b>	As for CF-35
<b>Material</b>	Cabinet: PP, lid: PE
<b>Colour</b>	Body: pale grey/dark grey, lid: dark grey
<b>Weight</b>	approx. 16 kg
<b>Quality features</b>	Detachable lid (lid mount at the front), interior light, vertical space for standing 2-litre bottles. CF special electronics with soft start and turbo cooler (p. 69)
<b>Scope of delivery</b>	DC and AC connection cables, removable wire basket, detachable carrying handles
<b>Test marks</b>	TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)



Product	Ref. No.
CoolFreeze CF-40	CF-040AC
<b>Optional extras</b>	
Fridge slide, long	SLD-060
Fridge slide, wide	SLD-060W
Universal fixing kit	UFK-C
Insulating protective cover	IC-CF-40



Temperature range  
+10°C to –18°C

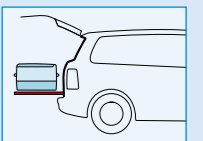


Suitable for solar operation



12/24 volts DC and  
100 – 240 volts AC

Protective cover, fridge  
slides and fixing kit  
as accessories  
(page 75)



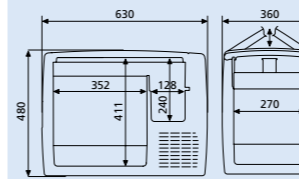
Universal fixing kit  
for boot/cargo area

### WAECO CoolFreeze CF-50

Compressor cooler for refrigeration and deep-freezing with CF special electronics



<b>Gross capacity</b>	approx. 49 litres (41 l for refrigeration/deep-freezing, 8 l for fresh food)
<b>Voltage</b>	12/24 volts DC and 110 – 240 volts AC
<b>Power input</b>	approx. 45 watts
<b>Average running time</b>	15% at +20°C ambient temperature 19% at +32°C ambient temperature both at +5°C interior temperature
<b>Power consumption</b>	Power input x average running time
<b>Temperature range</b>	+10°C to –18°C, free temperature setting via electronic thermostat with digital temperature readout
<b>Insulation</b>	CFC-free polyurethane full-foam insulation
<b>System</b>	As for CF-35
<b>Material</b>	Cabinet: PP, lid: PE
<b>Colour</b>	Body: pale grey/dark grey; lid: dark grey
<b>Weight</b>	approx. 18 kg
<b>Quality features</b>	Detachable lid (plug-in lid mount, variable left/right), interior light, vertical space for standing 2-litre bottles. CF special electronics with soft start and turbo cooler (p. 69)
<b>Scope of delivery</b>	As for CF-40
<b>Test marks</b>	TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)



Product	Ref. No.
CoolFreeze CF-50	CF-050AC
<b>Optional extras</b>	
Fridge slide, long	SLD-060
Fridge slide, wide	SLD-060W
Universal fixing kit	UFK-C
Insulating protective cover	IC-CF-50

CF-50:  
Detachable lid,  
folds up transversely,  
variable lid mounts



CF special electronics  
with soft start and  
turbo cooler



**WAECO CoolFreeze CF-80**

Large-capacity cooler for refrigeration and deep-freezing with CF special electronics

4.10



<b>Gross capacity</b>	approx. 80 litres (73 l for refrigeration/deep-freezing, 7 l for fresh food)
<b>Voltage</b>	12/24 volts DC and 100 – 240 volts AC
<b>Power input</b>	approx. 65 watts
<b>Average running time</b>	12% at +20°C ambient temperature 22% at +32°C ambient temperature both at +5°C interior temperature
<b>Power consumption</b>	Power input x average running time
<b>Temperature range</b>	+10°C to -18°C, free temperature setting via electronic thermostat with digital temperature readout
<b>Insulation</b>	CFC-free PU foam
<b>System</b>	Fully hermetic Danfoss BD50F compressor with integrated control electronics, low voltage protection adjustable for leisure and starter battery via electronic system, electronic fuse/automatic reverse pole protection, dynamically ventilated fin condenser, aluminium rollbond evaporator
<b>Material</b>	Cabinet: coated sheet steel, top and base: PP, lid: PE
<b>Colour</b>	Body: pale grey/dark grey, lid: pale grey
<b>Weight</b>	approx. 31 kg
<b>Quality features</b>	Detachable lid (screw-on lid mount, variable left/right), sturdy latches and hinges, interior light, vertical space for 2-litre bottles. CF special electronics with soft start and turbo cooler (p. 69)
<b>Scope of delivery</b>	DC and AC connection cables, removable wire basket, detachable carrying handles
<b>Test marks</b>	TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)



Temperature range  
+10 °C to -18 °C



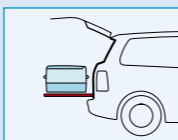
12/24 volts DC and  
100 – 240 volts AC

Protective cover  
and fridge slides  
as accessories  
(page 75)

CF special electronics  
with soft start and  
turbo cooler

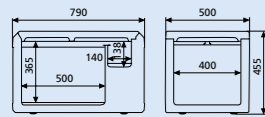
Jumbo coolers  
for personal and  
professional use

Convenient loading  
and unloading with  
fridge slides



Convenient loading  
and unloading with  
fridge slides

Product	Ref. No.
CoolFreeze CF-80	CF-080AC
Optional extras: Fridge slide, long	SLD-110
Fridge slide, wide	SLD-110W
Insulating protective cover	IC-CF-80

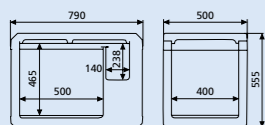


**WAECO CoolFreeze CF-110**



<b>Gross capacity</b>	approx. 106 litres (93 l for refrigeration/deep-freezing, 13 l for fresh food)
<b>Voltage</b>	12/24 volts DC and 100 – 240 volts AC
<b>Power input</b>	approx. 65 watts
<b>Average running time</b>	14% at +20°C ambient temperature 25% at +32°C ambient temperature both at +5°C interior temperature
<b>Power consumption</b>	Power input x average running time
<b>Temperature range</b>	+10°C to -18°C, free temperature setting via electronic thermostat with digital temperature readout
<b>Insulation</b>	CFC-free PU foam
<b>System</b>	As for CF-80
<b>Material</b>	Cabinet: coated sheet steel, top and base: PP, lid: PE
<b>Colour</b>	Body: pale grey/dark grey, lid: pale grey
<b>Weight</b>	approx. 33 kg
<b>Quality features</b>	Detachable lid (screw-on lid mount, variable left/right), sturdy latches and hinges, interior light, vertical space for 2-litre bottles. CF special electronics with soft start and turbo cooler (p. 69)
<b>Scope of delivery</b>	DC and AC connection cables, removable wire basket, detachable carrying handles
<b>Test marks</b>	TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

Product	Ref. No.
CoolFreeze CF-110	CF-110AC
Optional extras: Fridge slide, long	SLD-110
Fridge slide, wide	SLD-110W
Insulating protective cover	IC-CF-110



**Fridge slides (Slides)**

4.10



**SLD-060/060W: Fridge slides for CF-35/CF-40/CF-50**

**SLD-110/110W: Fridge slides for CF-80/CF-110**

For fastening of WAECO CoolFreeze coolers in vehicles and for convenient loading and unloading

<b>Material/colour</b>	Powder coated metal/grey
<b>Weight</b>	SLD-060/060W = 11.5 kg, SLD-110/110W = 19.4 kg

**Dimensions (W x H x D) mm**

<b>SLD-060</b>	Retracted:	421 x 85.4 x 760
	Extended:	421 x 85.4 x 1418

<b>SLD-060W</b>	Retracted:	789 x 85.3 x 475
	Extended:	789 x 85.3 x 938

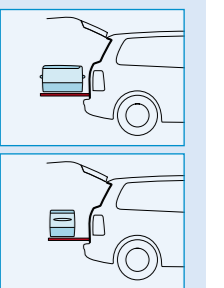
<b>SLD-110</b>	Retracted:	574 x 85.4 x 909
	Extended:	574 x 85.4 x 1677

<b>SLD-110W</b>	Retracted:	939 x 85.3 x 690
	Extended:	939 x 85.3 x 1368

**Quality features**  
SLD-060/060W: 50 kg max. load capability  
SLD-110/110W: 100 kg max. load capability  
tie-down straps included in the set

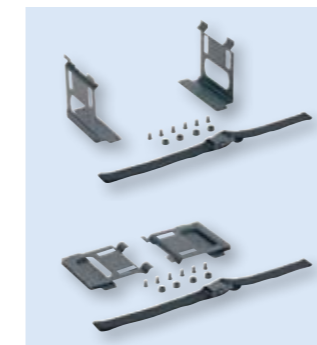
Product	Ref. No.
Fridge slide, long for CF-35/40/50	SLD-060
Fridge slide, wide for CF-35/40/50	SLD-060W
Fridge slide, long for CF-80/110	SLD-110
Fridge slide, wide for CF-80/110	SLD-110W

For convenient  
loading and unloading



**Universal fixing kit**

4.10



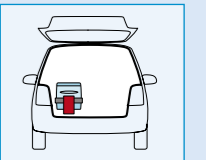
**For CoolFreeze CDF-25, CF-35, CF-40, CF-50**

For fastening of WAECO CoolFreeze coolers in vehicles

<b>Material</b>	Powder coated metal
<b>Colour</b>	Black

**Scope of delivery**  
Two frame sections, adjustable strap with snap lock, set of screws

Product	Ref. No.
Universal fixing kit	UFK-C



**Insulating protective covers**

4.10



**Insulating protective covers for CoolFreeze**

**CDF-18, CDF-25, CF-35, CF-40, CF-50, CF-80, CF-110**

Insulating protective covers with detachable lid and base. Outside pockets to store small items. Four fixing rings to secure the box safely in the vehicle.

<b>Material, outside</b>	High-quality silver-grey Oxford nylon, lid and base in robust, rubber-coated, black nylon
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<b>Material, inside</b>	Aluminium coated polyester
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<b>Colour</b>	Sides silver-grey, base black
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Product	Ref. No.
Protective cover for CoolFreeze CDF-18	30 x 10 x 50 cm IC-CF-18
Protective cover for CoolFreeze CDF-25	30 x 10 x 60 cm IC-CF-25
Protective cover for CoolFreeze CF-35	38 x 10 x 60 cm IC-CF-35
Protective cover for CoolFreeze CF-40	38 x 10 x 60 cm IC-CF-40
Protective cover for CoolFreeze CF-50	40 x 15 x 68 cm IC-CF-50
Protective cover for CoolFreeze CF-80	46 x 12 x 78 cm IC-CF-80
Protective cover for CoolFreeze CF-110	50 x 14 x 78 cm IC-CF-110

Extra protection  
and insulation  
for your cooler

# Mobile electronics

Product overview	78 – 79
Automatic battery chargers	80 – 83
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Smart inverters	88 – 89
Inverters	90 – 91
Sine wave inverters	92 – 93

**WAECO**  
mobile solutions



Automatic chargers with smart functions

Battery care for prevention

Mobile energy to "refuel"

Inverters for comfort

## Full power in your vehicle

Intelligent energy management on the move

**You are facing new challenges? Make sure you are always full of energy – just like your vehicle.**

The WAECO mobile electronics range ensures that you do not run out of energy when starting, or during the journey. For example with professional equipment for the care, maintenance and charge-up of your vehicle battery. **And with the new inverters for 230-volt power like from the domestic mains socket. Now in**

**a new premium design which is well worth viewing.**

Put your trust in intelligent energy management by WAECO – particularly in the damp, icy cold months. The comprehensive WAECO programme is the result of decades of experience and development, as you can tell by many details.

**WAECO technology works – simply, safely, always.**

Do you have any questions? We'll be happy to help. Detailed information on all products can be found at [www.dometic-waeco.com](http://www.dometic-waeco.com). You can also contact our technical service team.

### Automatic battery chargers

Pages 80 – 83

#### WAECO PerfectCharge



PerfectCharge IU 6



PerfectCharge IU 8



PerfectCharge IU 12



PerfectCharge W 2000

### Battery care

Pages 84 – 85

#### WAECO PerfectBattery



PerfectBattery BC 400



PerfectBattery BC 100



PerfectBattery BR 12

### Mobile energy supply

Pages 86 – 87

#### WAECO PowerPack



PowerPack MPS 500

### Smart inverter/smart sine wave inverter

Pages 88 – 89

#### WAECO PocketPower



PocketPower SI 102



PocketPower TSI 102

### Inverters

Pages 90 – 93

#### WAECO PerfectPower



PerfectPower PP 152 – PP 602

### Sine wave inverters

#### WAECO SinePower



SinePower MSP 162 + MSP 352





## The new class of automatic chargers

Lightweight, compact, functional

The new WAECO PerfectCharge battery chargers offer a decisive advantage over conventional chargers: the IU charging characteristics. The battery is initially charged at a constant current and subsequently at a constant voltage. On the IU 8 and IU 12 models, this process is followed by a retention charge, which qualifies

them as IU0U chargers. An ideal solution not only for commonly used wet lead batteries, but also for gel and AGM batteries. **Advanced design, highly functional down to the last detail: neat cable management instead of tangled cables, and a “garage” for battery clamps.**

### WAECO PerfectCharge IU 6, IU 8, IU 12 IU or IU0U automatic chargers

3.16



#### Features & functions

- > Realistic charging current specifications
- > High efficiency (up to 85%) with advanced switch-mode technology
- > Float charging after charge stop (IU6: automatic charge stop)
- > IU charging characteristics, 3-step (IU 6) or 4-step (IU 8, IU 12)  
Steps: 1. Battery check  
2. I-phase  
3. U-phase  
4. Float charging (IU 8 and IU 12)
- > Safety circuits (protection against overload, overheat, short circuit, reverse poling)
- > Automatic battery check (full or deep-discharged batteries won't be charged)
- > Advanced, functional WAECO design with cable management
- > High-grade finish in aluminium/plastic
- > Especially handy and lightweight

Suitable for wet, gel and AGM batteries

Advanced, lightweight and efficient technology

New, functional WAECO design

Neat cable management, no tangled cables

	IU 6	IU 8	IU 12
<b>Input voltage range</b>	207 to 253 volts AC		
<b>Max. input current</b>	1 A	1.5 A	2 A
<b>Energy efficiency</b>	up to 80%	up to 85%	up to 85%
<b>No-load power consumption</b>	6 watts	10 watts	10 watts
<b>Nominal battery voltage</b>	12 volts DC		
<b>Nominal charging current</b>	6 A	8 A	12 A
<b>Charging characteristics</b>	IU automatic, 3-step	IU0U automatic, 4-step	IU0U automatic, 4-step
<b>Ambient temperature</b>	0°C to +40°C		
<b>Dimensions (W x H x D) mm</b>	155 x 148 x 198 mm	155 x 148 x 228 mm	155 x 148 x 228 mm
<b>Weight</b>	1.53 kg	1.92 kg	1.92 kg
<b>Scope of delivery</b>	Battery chargers, operating instructions		

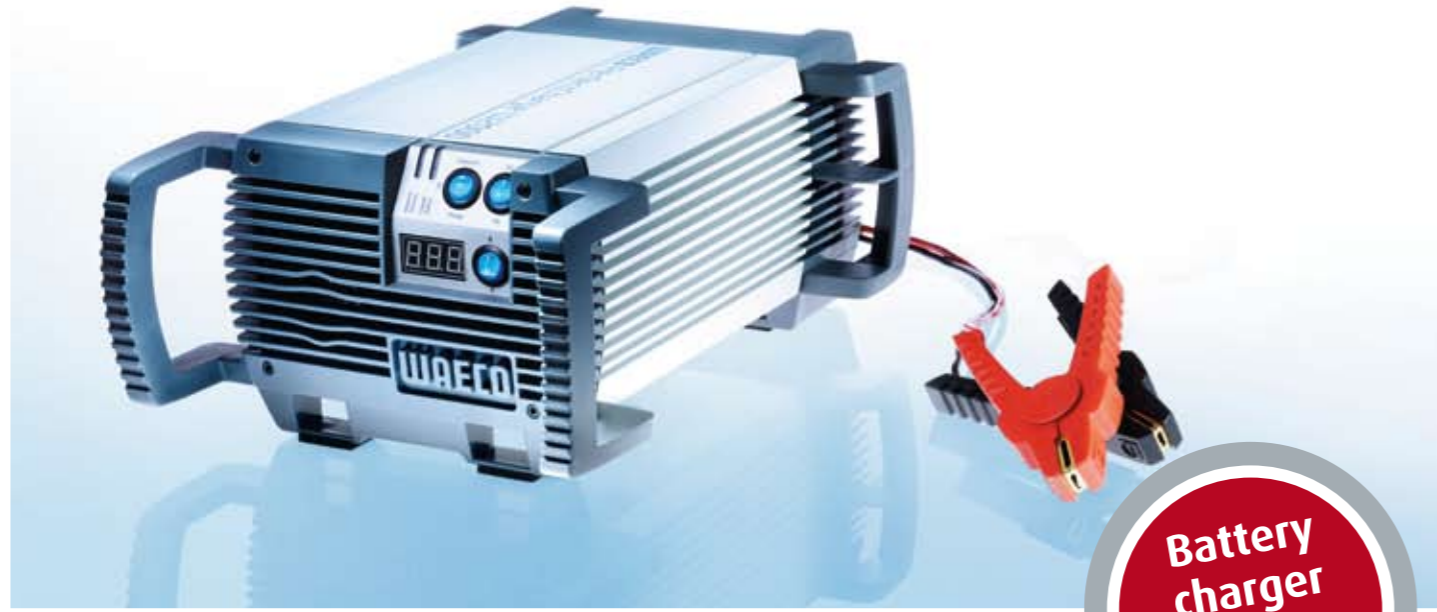
Product	Ref. No.
PerfectCharge IU 6, 6 A	MBC-IU6
PerfectCharge IU 8, 8 A	MBC-IU8
PerfectCharge IU 12, 12 A	MBC-IU12

### Automatic chargers with many intelligent features



**Compact and clever**

- › Battery charging function and starting aid in one unit
- › High-grade technology in advanced, functional WAECO design
- › Ideal for small workshops, forwarders, fleet operators and private users



**Gets flat batteries going**

PerfectCharge: battery charger and jump starter all in one

**A car mobility service in your own garage: the PerfectCharge W2000 automatic battery charger ensures that your vehicle battery is always fully charged – at wet and frosty times, too.**

It provides gentle and reliable charging for all 12-volt wet lead batteries with capacities ranging up to 200 Ah. The automatic charge stop prevents battery overcharging and makes surveillance of the charging process unnecessary.

**Moreover, you can use the PerfectCharge W2000 as a battery jump starter:** its 70-amp peak starting current gets any flat battery (12 or 24 volts) going again. The unit is extremely compact. Its well-thought-out, functional design makes handling easy and clean.



**Starting aid function and clever details**

More than just a high-performance battery charger: the WAECO PerfectCharge W2000 provides a convenient jump-start function: flat batteries are partly charged and then backed up in the charging process. As a result, the vehicle is remobilised more quickly, and the battery can be fully recharged by the electric generator. **The benefits are obvious:** short downtimes, full flexibility. Clever details such as the battery clamp “garage” add to perfect functionality.

**WAECO PerfectCharge W 2000**  
Automatic battery chargers

3.16



**Features & functions**

- › Starting aid function
- › Automatic charge stop
- › LED display can be switched between charging current and charging voltage
- › Advanced, functional WAECO design
- › Charging state indicated by LED
- › Efficient cable management, parking positions for battery clamps
- › High-grade design in aluminium/plastic, sturdy carrying handles
- › Can be operated in horizontal or vertical position
- › Safety circuits (protection against overload, overheat, short circuit, reverse poling)

**Automatic battery charger and jump starter all in one**

**Advanced, ergonomic WAECO design**

**Digital display**

**Charging state indication**

<b>Input voltage</b>	230 volts AC
<b>Nominal battery voltage</b>	12 volts DC / 24 volts DC
<b>Starting aid</b>	Yes
<b>Max. starting current</b>	70/35 A
<b>Charging characteristics</b>	Wa curve
<b>Max. battery capacity</b>	approx. 200/100 Ah
<b>LED display</b>	Switch-over between charging current/charging voltage
<b>Dimensions (W x H x D)</b>	295 x 175 x 423 mm
<b>Weight</b>	10.8 kg
<b>Scope of delivery</b>	PerfectCharge W 2000, operating instructions
<b>Product</b>	Ref. No.
PerfectCharge W2000	MBC-W20



PerfectBattery BC 400 is ideal for efficient recharging of smaller 12-volt lead batteries. The IU0U charging curve guarantees optimal charging. Small and compact, the BC 400 is “just right” for permanent installation. It comes with four fixing attachments for fast and easy fitting.

PerfectBattery BC100 is a multi-functional unit: it charges 12-volt batteries and keeps them in trim. When the starter battery has to be removed, the battery conditioner temporarily takes over the power supply.

The dream of an “eternal battery” is reality now, thanks to WAECO PerfectBattery BR 12. The battery refresher is suitable for all types of 12-volt batteries. It reduces sulphate build-up, which is so often the cause for premature battery failure. The unit can be permanently connected to the battery and gives it a refreshing training during the drive. A useful accessory, especially for seasonal vehicles.

## Battery chargers and conditioners

### Training for the battery

#### WAECO PerfectBattery BC 400

Battery charger and conditioner for 12-volt batteries

3.28



- Features & functions**
- › IU0U charging curve
  - › PVC cabinet
  - › 3 different connection cables
  - › Fast and efficient full charging of starter and leisure batteries up to 50 Ah
  - › Also suitable for recharging of batteries with larger capacity
  - › With 4 fixing attachments for permanent installation

<b>Battery connections</b>	1
<b>Input voltage</b>	230 volts AC
<b>Input voltage range</b>	180 – 253 volts AC/50 – 60 Hz
<b>End-of-charging voltage</b>	14.4 volts
<b>Float charging voltage</b>	13.7 volts
<b>Charging indicator</b>	LED
<b>Maximum charging current</b>	2 A/4 A (switch-over)
<b>Operating temperature</b>	-20°C – +50°C
<b>Dimensions (W x H x D)</b>	75 x 59 x 140 mm
<b>Weight</b>	0.5 kg
<b>Quality features</b>	Overload and short-circuit protection
<b>Test mark</b>	CE
<b>Scope of delivery</b>	Basic unit, 3 adapter cables with various connections (battery, clamps, cigarette lighter), operating instructions

<b>Product</b>	<b>Ref. No.</b>
PerfectBattery BC 400	MBCC-400

Super-compact charger with IU0U charging curve

For battery capacities up to 50 Ah and beyond

Ideal for permanent installation

#### WAECO PerfectBattery BC 100

Battery conditioner, 12 volts. Three functions in one unit: conditioning, charging, back-up

3.28



**Features & functions**

- › For service and maintenance of all 12-volts lead batteries
- › Simple connection to the cigarette lighter socket, or with battery clamps included in the delivery kit
- › For cars, motorhomes and boats
- › Conditions batteries with a capacity from 10 Ah to 150 Ah
- › Charges batteries with a capacity from 10 to 30 Ah

<b>Battery connections</b>	1
<b>Input voltage</b>	230 volts AC
<b>Input voltage range</b>	180 – 253 volts AC/50 – 60 Hz
<b>End-of charging voltage</b>	13.8 volts
<b>Float charging voltage</b>	13.0 volts
<b>Charging indicator</b>	3 LEDs
<b>Maximum charging current</b>	1.0 A
<b>Operating temperature</b>	0°C – +50°C
<b>Dimensions (W x H x D)</b>	70 x 100 x 60 mm
<b>Weight</b>	0.45 kg
<b>Quality features</b>	Overload and short circuit protection
<b>Test mark</b>	CE
<b>Scope of delivery</b>	Basic unit, adapter cable with battery clamps, operating instructions

<b>Product</b>	<b>Ref. No.</b>
PerfectBattery BC 100, 12 volts	MBCC-100

Can also be used as battery charger and back-up power supply

Protected against short-circuit and reverse polarity

Bridges long periods of standstill

#### WAECO PerfectBattery BR 12

Battery refresher 12 volts – extends the service life of batteries

3.28



**Features & functions**

- › Simply connected to the battery’s minus and plus poles
- › Extends the battery’s service life by reducing sulphate build-up
- › Reactivates apparently useless batteries by eliminating sulphate crystal build-ups
- › Prevents cold start problems
- › Maintains the full charging capacity for several years
- › Reduces hazardous waste and saves the environment
- › Suitable for batteries up to 300 Ah
- › Ideal for cars, motorhomes, boats

<b>Battery voltage</b>	12 volts DC
<b>Cut-in voltage</b>	> 12.6 volts +/- 0.2 volts
<b>Stand-by current</b>	< 0.2 mA
<b>Dimensions (W x H x D)</b>	100 x 67 x 25 mm
<b>Weight</b>	0.12 kg
<b>Test mark</b>	e-approved to Automotive EMC Directive
<b>Scope of delivery</b>	Basic unit, twin-sided adhesive tape, fastening screws, operating instructions

<b>Product</b>	<b>Ref. No.</b>
PerfectBattery BR 12, 12 volts	MBR-100-12

A long life for lead acid batteries (wet, gel and AGM)





**Starting aid  
for 12-volt  
batteries**

## Professional power for every situation

Great design, great functionality

**What do you do when you have a flat battery and there is nobody around to help? No problem, the practical PowerPack MPS 500 get your vehicle up and running in no time at all.**

At a short-time starting current of 400 amps, the **PowerPack MPS 500** has enough power to jump-start even large-capacity Diesel engines. The integrated 12-volt

socket can be used to operate or recharge portable coolers or other DC appliances. There's a second output for CD players and radios, plus a USB port for recharging of mobile phones, iPods®, etc. An integrated work lamp adds the finishing touch to this advanced multifunctional unit.



### WAECO PowerPack MPS 500

Multi-functional battery jump starter – high-quality all-round tool for workshop, garage and on-the-move use and on-the-move use

3.20



#### Features & functions

- › Starting aid function (400 A short-time)
- › Practical stowage compartment for accessories such as mains adapter, jump starter cable, etc.
- › Energy supply with 4.5 volts, 6 volts, 9 volts, 12 volts output
- › Parking position for battery clamps in the carrying handle
- › USB port for charging mobile phones, PDAs, etc.
- › High-quality design in aluminium/plastic
- › Can also be used on damp ground, e.g. on lawns (base section water-proof up to 7 cm height)

**Powerful jump starter with 18 Ah battery**

**Outputs for 12 volts as well as 4.5 volts, 6 volts, 9 volts**

**USB port**

**Integrated work lamp**

**Storage compartment for accessories**

**Compact, functional and handy**

<b>Max. starting current</b>	400 A short-time
<b>Output voltages</b>	4.5 volts, 6 volts, 9 volts, 12 volts 5 volts (USB)
<b>Max. continuous current</b>	10 A bei 12 volts 1 A bei 4,5 volts, 6 volts, 9 volts 0.5 A (USB)
<b>Lead gel battery</b>	12 volts/18 Ah, maintenance-free
<b>Dimensions (W x H x D)</b>	252 x 295 x 243 mm
<b>Weight</b>	10.5 kg
<b>Scope of delivery</b>	Basic unit, 230-volt mains adapter, DC cable, jump starter cable operating instructions

<b>Product</b>	<b>Ref. No.</b>
PowerPack MPS 500	PS-500-12





## Inverters in pocket-size format

Mobile power for notebooks and more

Sales representatives, craftsmen, technical service crews – more and more business travellers depend on their laptops. Mobile computers work on limited battery power. So they are likely to let you down when you need them most. PocketPower smart inverters put you on the safe side. Connected in the line between the laptop and the cigarette lighter, the compact units take power from the 12-volt car battery to ensure hassle-free operation of your mobile computer by keeping its battery fully charged

all the time. The inexpensive **PocketPower SI 102** generates a sine-wave-like 230-volt alternating voltage, which is perfectly adequate for many applications. The new **PocketPower TSI 102** is the best choice to ensure the safe and smooth operation of highly sensitive electrical appliances: its pure sine wave voltage, **earthed safety socket** and other comfort features place this product in a class of its own.

### Home-like power supply

It's unique in the market: the new **PocketPower TSI 102** is the first smart inverter that delivers a pure sine wave voltage and features an earthed safety socket. Treating yourself to this kind of "everyday luxury" means providing connected appliances with the best possible choice – and yourself, too ...



### NEW: WAECO PocketPower SI 102

Smart inverter for mobile use. Turns 12 volts battery voltage into 230 volts AC.

3.29



#### Features & functions

- › Lightweight, small, handy
- › For operation of laptops and other low-power appliances
- › Low-voltage and over-voltage cut-off
- › Overload and short-circuit protection
- › With USB charging port
- › Mounting bracket
- › Euro socket

Nominal input voltage	12 volts DC (11 – 15 volts)
Output voltage/curve	230 volts AC/modified sine wave
Output voltage USB	5 volts, 0.5 A
Output frequency	50 Hz
No-load current input	< 0.4 A
Continuous power	100 watts
Peak power	200 watts
Low-voltage cut-off	10.8 Volt
Cooling	Built-in fan
Energy efficiency	up to 90%
Dimensions (W x H x D)	67 x 43 x 125 mm
Weight	282 g
Test marks	Certified to ECE-R10, CE
Scope of delivery	Basic unit, mounting bracket, operating instructions

Product	Ref. No.
PocketPower SI 102 110 watts, 12 volts	2222600001

Ideal for mobile operation of laptops

Lightweight and compact

Smart features – small price!

USB charging port

LED status indication

PocketPower to suit every pocket



### NEW: WAECO PocketPower TSI 102

Smart inverter for mobile use. Turns 12 volts battery voltage into 230 volts AC.

3.29



#### Features & functions

- › Pure sine wave output voltage
- › For operation of laptops and other low-power appliances
- › Low-voltage and over-voltage cut-off
- › Overload and short-circuit protection
- › With USB charging port
- › Mounting bracket
- › Earthed safety socket

Nominal input voltage	12 volts DC (11 – 15 volts)
Output voltage/curve	230 volts AC/pure sine wave
Output voltage USB	5 volts, 0.5 A
Output frequency	50 Hz
No-load current input	< 0.8 A
Continuous power	120 watts
Peak power	200 watts
Low-voltage cut-off	10.8 volts
Cooling	Built-in fan
Energy efficiency	up to 90%
Dimensions (W x H x D)	92 x 64 x 180 mm
Weight	650 g
Test mark	Zertifiziert nach ECE-R10, CE
Scope of delivery	Basic unit, mounting bracket, operating instructions

Product	Ref. No.
PocketPower TSI 102 120 watts, 12 volts	2222600002

Ideal for mobile operation of laptop computers

Pure sine wave voltage

Earthed safety socket

Cigarette lighter connection

USB charging port and LED status indication

PocketPower to suit every pocket





## Inverters with modified sine wave voltage

230 volts for many commonly used appliances

**Completely new outfit, top technology, additional comfort features – the popular WAECO PerfectPower inverter series has changed a lot.** The units up to 550 watts are particularly light and compact. They turn 12-volt battery voltage into a sine-wave-like 230-volt alternating voltage, which is fully adequate for a multitude of applications.

The new inverter generation demonstrates great potential. Take installation for instance: adjustable clip-on mounts allow for perfect adaptation to individual needs. For those who are looking for extra comfort and prefer activating their inverter from the dashboard there is an additional outlet for an external switch.

### NEW: WAECO PerfectPower PP 152 / PP 402 / PP 602

3.18

Inverters turn 12 volts battery voltage into 230 volts AC.



	PP 152	PP 402	PP 602
<b>Input voltage</b>	12 volts DC (11 – 15 volts)		
<b>Output voltage/curve</b>	230 volts AC/modified sine wave		
<b>Output frequency</b>	50 Hz		
<b>No-load current input</b>	0.25 A	0.25 A	0.25 A
<b>Continuous power</b>	150 watts	350 watts	550 watts
<b>Peak power</b>	350 watts	700 watts	1100 watts
<b>Cooling</b>	Built-in fan		
<b>Efficiency</b>	Up to 90 %	Up to 90 %	Up to 90 %
<b>Dimensions (W x H x D)</b>	129 x 71 x 177 mm	129 x 71 x 192 mm	129 x 71 x 237 mm
<b>Weight</b>	approx. 0.84 kg	approx. 0.99 kg	approx. 1.4 kg
<b>Quality features</b>	Overload and short circuit protection, over-voltage and low-voltage cut-off, reverse pole protection by fuse, overheat cut-off, units can be switched on or off by external switch, individually adjustable clip-on mounts, PP152 with cigarette lighter plug		
<b>Test marks</b>	Certified to ECE-R10, CE		
<b>Scope of delivery</b>	Basic unit, clip-on mounts, plug for external ON/OFF switch, operating instructions		

Also suitable for appliances with PFC control

High peak output

Reverse pole protection by exchangeable fuse

Individually adjustable clip-on mounts

Can be switched on or off by external switch

PP 152 with cigarette lighter plug

Product	Ref. No.
PerfectPower PP 152 150 watts, 12 volts	PP152
PerfectPower PP 402 350 watts, 12 volts	PP402
PerfectPower PP 602 550 watts, 12 volts	PP602



**Back:** ON/OFF switch and outlet for an external ON/OFF switch



**Front:** earthed safety socket and LEDs for function check



**Mounting aid:** individually adjustable clip-on mounts



## Sine wave inverters

Pure sine wave voltage for sensitive appliances



The high-quality SinePower sine wave inverters feature the new, distinctive design of WAECO electronics, too. They turn 12 volts battery power into pure 230 volts AC, just like the power from your domestic source. This makes them ideal for electrical appliances that are sensitive to fluctuations in the on-board power supply.

Both model versions provide plenty of comfort details: adjustable mounts, an output for connection of a remote control and an external ON/OFF switch, soft-start function.



A "garage" for 12-volt plugs (MSP 162 model)



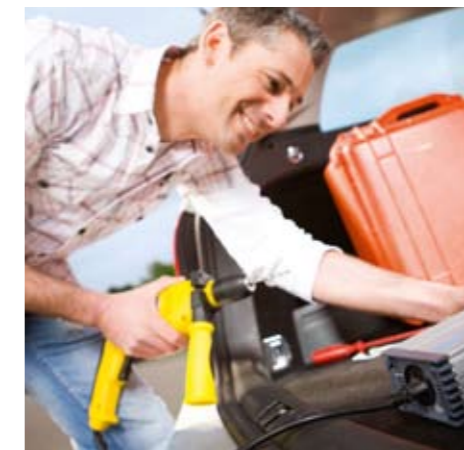
Back with output for remote control



Display with main switch and LEDs



Individually adjustable clip-on mounts



### NEW: WAECO SinePower MSP 162 / MSP 352

Sine wave inverters 150 / 350 watts turn 12 volts battery voltage into pure 230 volts AC.

3.30



MSP 162



MSP 352

	MSP 162	MSP 352
<b>Input voltage</b>	12 volts DC (11 – 15 volts)	
<b>Output voltage/curve</b>	230 volts AC/pure sine wave	
<b>Output frequency</b>	50 Hz	
<b>No-load current input</b>	12 volts: 1.2 A	
<b>Continuous power</b>	150 watts	350 watts
<b>Peak power</b>	300 watts	700 watts
<b>Energy efficiency</b>	Up to 90 %	
<b>Dimensions (W x H x D)</b>	157 x 64 x 243 mm	
<b>Weight</b>	approx. 2 kg	approx. 2.2 kg
<b>Quality features</b>	Overload and short circuit protection, over-voltage and low-voltage cut-off, reverse pole protection by fuse, can be switched on or off by external switch, output for remote control, MSP162 with 12-volt cigarette lighter plug	
<b>Test marks</b>	Certified to ECE-R10, CE	
<b>Scope of delivery</b>	Basic unit, clip-on mounts, plug for external ON/OFF switch, operating instructions	

- Microprocessor-controlled electronics for pure sine wave voltage
- Overload and short circuit protection
- Can be switched on or off by external switch
- Individually adjustable clip-on mounts
- Output for remote control

Product		Ref. No.
SinePower MSP 162	150 watts, 12 volts	MSP160-012
SinePower MSP 352	350 watts, 12 volts	MSP350-012
<b>Optional extra</b>		
Remote control		MCR-9



# Mobile kitchen equipment

One-cup coffee maker 12 or 24 volts

96 – 97

**WAECO**  
mobile solutions







## A fresh brew on board

It's coffee time – time for WAECO PerfectCoffee

**There's nothing better than a freshly brewed cup of coffee.** Especially if you've spent hours behind the wheel of your car. So head for the next parking area and get your PerfectCoffee one-cup coffee maker going. Place a spoon of ground coffee into the filter, pour in a cup of water – the same as at home. Then plug into the cigarette lighter socket and switch the unit on. Five minutes slim and your coffee is ready, served in a beautiful ceramic mug. The elegant coffee maker delivers exactly one cup (125 ml), which makes it ideal for trips on your own.



### WAECO PerfectCoffee MC01

One-cup coffee maker for 12 and 24 volts

3.13



Capacity	150 ml
Voltage	12 or 24 volt DC
Average power consumption	12 volts: 180 watts, 24 volts: 360 watts
Current consumption	approx. 15 A
Colour	Silver/black
Dimensions (W x H x D)	135 x 190 x 110 mm (incl. fixing kit)
Weight	750 g
Quality features	Short brewing time, switches off automatically when there's no water in the tank, LED indicator
Test marks	Complies with the German Foodstuff and Consumer Goods Act (LMBG), CE

**Scope of delivery** Coffee maker with connection cable and plug, ceramic mug, fixing kit

Product	Ref. No.
PerfectCoffee MC01, 12 volts	MC-01-12
PerfectCoffee MC01, 24 volts	MC-01-24

Fixing kit for desk mounting

Fresh coffee after 5 minutes brewing time

For cars, trucks, motorhomes or boats

Designed for mobile use

### Enjoy and save

Given the steep prices in motorway restaurants, your investment in the mini coffee machine pays off in no time at all. Moreover, having your own coffee maker on board, you can enjoy your favourite brand of coffee wherever you go. Small and compact, the PerfectCoffee one-cup brewer is ideal for use in the car. Each unit comes complete with a fixing kit for permanent desk mounting.

### Something hot is what you need

A hot cup of coffee or tea is one of the best ways to revive flagging spirits when you are on the road. Instant soups and baby's meal, too, are prepared in a trice with the help of PerfectCoffee and PerfectKitchen appliances. The product range encompasses coffee makers and car kettles in various designs and convenience standards – all easy to use and designed inside out for the rigours of mobile use.

More information about these products can be found at [www.dometic-waeco.com](http://www.dometic-waeco.com).



**WAECO MagicWatch**

Product	Description	Ref. No.	Page
<b>Vehicle accessories</b>			
<b>Parking aids</b>			
<b>MagicWatch MWE 910</b>	Parking aid, 8 built-in sensors	MWE-910-8PPS	Page 17
<b>MagicWatch MWE 900</b>	Parking aid, 4 built-in sensors	MWE-900-4PPS	Page 17
<b>MagicWatch MWE 810</b>	Parking aid, 4 built-in sensors	9101500001	Page 18
<b>MagicWatch MWE 850</b>	Parking aid, 4 built-in sensors	MWE-850-4DSM	Page 18
<b>MagicWatch MWE 880</b>	Parking aid for the front bumper	2221500003	Page 19
<b>MagicWatch MWE 850RV</b>	Parking aid with video input	2221500001	Page 21
<b>PerfectView LCD 350</b>	Reversing video system	RV-350	Page 21

**WAECO MagicSpeed**

<b>Cruise controls</b>			
<b>MagicSpeed MS 900</b>	Cruise control	vehicle-specific	Page 23
<b>MagicSpeed MS 800</b>	Cruise control	MS-800	Page 24
<b>MagicSpeed MS 400</b>	Cruise control	MS-400	Page 25
<b>MagicSpeed MS 700</b>	Cruise control	MS-700	Page 25
<b>MagicSpeed MS 50</b>	Cruise control	MS-50	Page 27
<b>MagicSpeed HUD</b>	Head-up display	MHUD-100	Page 29

**WAECO MagicTouch**

<b>Radio remote control/indicator control/daytime light control</b>			
<b>MagicTouch MT 150</b>	Remote control	vehicle-specific	Page 31
<b>MagicTouch MT 350</b>	Remote control	MT-350-CH	Page 31
<b>MagicTouch MT 2000</b>	One-touch indicator	MT-2000	Page 32
<b>MagicTouch TFL 100</b>	Daytime light control	2221300001	Page 33

**WAECO MagicSafe**

<b>Car alarms</b>			
<b>MagicSafe MS 670</b>	CAN bus car alarm	MS-670	Page 34
<b>MagicSafe MS 650</b>	CAN bus car alarm	MS-650	Page 35

**WAECO MagicComfort**

<b>Seating comfort</b>			
<b>MagicComfort MSH 50</b>	Retrofit insert seat heater	MSH-50	Page 36
<b>MagicComfort MH 30 S</b>	Heated seat cover, 12 volts	MH-30-S	Page 37
<b>MagicComfort MH 30 GS</b>	Heated seat cover, 12 voltst	MH-30-GS	Page 37
<b>MagicComfort MCS 10</b>	Air-conditioned seat cover, 12 volts	MCS-10/N	Page 38

**WAECO PowerVac**

<b>Vacuum cleane</b>			
<b>PowerVac PV 100</b>	Wet/dry vacuum cleaner	PV-100	Page 39

**WAECO PerfectFit**

<b>Navigation consoles/telephone consoles</b>			
<b>PerfectFit</b>	Navigation consoles	vehicle-specific	Page 42 – 43
<b>PerfectFit</b>	Telephone consoles	vehicle-specific	Page 44 – 45

**WAECO MyFridge/BordBar**

<b>Mobile refrigeration</b>			
<b>Bottle cooler</b>			
<b>BordBar BC-01</b>	Thermoelectric bottle cooler with telephone console	vehicle-specific	Page 52
<b>MyFridge MF-1F</b>	Thermoelectric bottle cooler	MF-1F-12/24	Page 53

**WAECO BordBar**

<b>Thermoelectric car coolers</b>			
<b>BordBar AS-25</b>	Thermoelectric car cooler	AS-025AC	Page 55
<b>BordBar TB-08</b>	Thermoelectric car cooler	TB-08G-12	Page 57
<b>BordBar TB-15</b>	Thermoelectric car cooler	TB-15G-12	Page 57
<b>BordBar TF-08</b>	Thermoelectric car cooler	9105300001	Page 59
<b>BordBar TF-14</b>	Thermoelectric car cooler	TF-14AU-12	Page 59
<b>BordBar TF-21-ISO</b>	Thermoelectric car cooler for ISOFIX fastening	TF-21-ISO	Page 61

**WAECO TropiCool**

<b>Thermoelectric coolers</b>			
<b>TropiCool TC-07</b>	Thermoelectric cooler	TC-07UG-12/230	Page 63
<b>TropiCool TC-14FL</b>	Thermoelectric cooler	TC-14FL-AC	Page 63
<b>TropiCool TC-21FL</b>	Thermoelectric cooler	TC-21FL-AC	Page 65
<b>TropiCool TC-35FL</b>	Thermoelectric cooler	TC-35FL-AC	Page 65

**WAECO CoolFun**

<b>CoolFun CD-22</b>	Thermoelectric cooler	CD-22-AC	Page 67
<b>CoolFun CD-32</b>	Thermoelectric cooler	CD-32-AC	Page 67

**WAECO CoolFreeze**

Product	Description	Ref. No.	Page
<b>Mobile refrigeration</b>			
<b>Compressor coolers</b>			
<b>CoolFreeze CDF-18</b>	Compressor cooler	9105100002	Page 71
<b>CoolFreeze CDF-25</b>	Compressor cooler	9105100003	Page 71
<b>CoolFreeze CF-35</b>	Compressor cooler	CF-035AC	Page 73
<b>CoolFreeze CF-40</b>	Compressor cooler	CF-040AC	Page 73
<b>CoolFreeze CF-50</b>	Compressor cooler	CF-050AC	Page 73
<b>CoolFreeze CF-80</b>	Compressor cooler	CF-080AC	Page 74
<b>CoolFreeze CF-110</b>	Compressor cooler	CF-110AC	Page 74

**WAECO PerfectCharge**

<b>Mobile Electronics</b>			
<b>Automatic battery chargers</b>			
<b>PerfectCharge IU 6</b>	IU automatic charger, 6 A	MBC-IU6	Page 81
<b>PerfectCharge IU 8</b>	IUOU automatic charger, 8 A	MBC-IU8	Page 81
<b>PerfectCharge IU 12</b>	IUOU automatic charger, 12 A	MBC-IU12	Page 81
<b>PerfectCharge W 2000</b>	W-curve automatic charger plus jump starter	MBC-W20	Page 83

**WAECO PerfectBattery**

<b>Battery care</b>			
<b>PerfectBattery BC 400</b>	Battery charger and conditioner, 12 V	MBCC-400	Page 84
<b>PerfectBattery BC 100</b>	Battery conditioner, 12 V	MBCC-100	Page 85
<b>PerfectBattery BR 12</b>	Battery refresher, 12 V	MBR-100-12	Page 85

**WAECO PowerPack**

<b>Mobile energy supply</b>			
<b>PowerPack MPS 500</b>	Multi-functional battery jump starter	PS-500-12	Page 87

**WAECO PocketPower**

<b>Smart inverters</b>			
<b>PocketPower SI 102</b>	Smart inverters	2222600001	Page 89
<b>PocketPower TSI 102</b>	Smart sine wave inverter	2222600002	Page 89

**WAECO PerfectPower**

<b>Inverters</b>			
<b>PerfectPower PP 152</b>	Inverters 150 watts, 12 volts	PP152	Page 91
<b>PerfectPower PP 402</b>	Inverters 350 watts, 12 volts	PP402	Page 91
<b>PerfectPower PP 602</b>	Inverters 550 watts, 12 volts	PP602	Page 91

**WAECO SinePower**

<b>Sine wave inverters</b>			
<b>SinePower MSP 162</b>	Sine wave inverters 150 watts, 12 volts	MSP160-012	Page 93
<b>SinePower MSP 352</b>	Sine wave inverters 350 watts, 12 volts	MSP350-012	Page 93

**WAECO PerfectCoffee**

<b>Mobile kitchen equipment</b>			
<b>PerfectCoffee MC01</b>	1-cup coffee maker, 12 volts	MC-01-12	Page 97
<b>PerfectCoffee MC01</b>	1-cup coffee maker, 24 volts	MC-01-24	Page 97

**WAECO MagicSpeed MS 900**

**3.06**

Cruise control for vehicles with comfort CAN bus and electronic accelerator (also see p. 22)

Maker	Model	Notes	Ref. No. OR controls only	Ref. No. WAECO controls only	Ref. No. OR or WAECO controls
<b>Citroën</b>					
	Jumper	Only for vehicles with ESP	-	MS-901	-
<b>Fiat</b>					
	Ducato 250	Only for vehicles with ESP	-	MS-901	-
<b>Nissan</b>					
	Interstar	2005 -	-	MS-902	-
	Primastar	2005 -	-	MS-902	-
<b>Opel</b>					
	Movano	2005 -	-	MS-902	-
	Vivaro	2005 -	-	MS-902	-
<b>Peugeot</b>					
	207	1.4	Only for vehicles with ESP and 5-pole plug	9101400005	-
		1.4 HDI	Only for vehicles with ESP and 5-pole plug	9101400005	-
		1.6 HDI 90	Only for vehicles with ESP and 5-pole plug	9101400005	-
		1.6 HDI 110	Only for vehicles with ESP and 5-pole plug	9101400005	-
		1.6	Only for vehicles with ESP and 5-pole plug	9101400005	-
		1.6 EP6 120	Only for vehicles with ESP and 5-pole plug	9101400005	-
		1.6 EP6 150	Only for vehicles with ESP and 5-pole plug	9101400005	-
	307 T6	1.4	Only for vehicles with ESP and 4-pole plug	9101400004	-
		1.6	Only for vehicles with ESP and 4-pole plug	9101400004	-
		2.0	Only for vehicles with ESP and 4-pole plug	9101400004	-
		1.6 HDI	Only for vehicles with ESP and 4-pole plug	9101400004	-
		2.0 HDI	Only for vehicles with ESP and 4-pole plug	9101400004	-
		1.4	Only for vehicles with ESP and 5-pole plug	9101400005	-
		1.6	Only for vehicles with ESP and 5-pole plug	9101400005	-
		2.0	Only for vehicles with ESP and 5-pole plug	9101400005	-
		1.6 HDI	Only for vehicles with ESP and 5-pole plug	9101400005	-
		2.0 HDI	Only for vehicles with ESP and 5-pole plug	9101400005	-
	308	1.6 BD2 120	Only for vehicles with ESP and 5-pole plug	9101400005	-
		1.6 HDI 90	Only for vehicles with ESP and 5-pole plug	9101400005	-
	407	1.8	Only for vehicles with ESP and 4-pole plug	9101400004	-
		2.0	Only for vehicles with ESP and 4-pole plug	9101400004	-
		1.6 HDI	Only for vehicles with ESP and 4-pole plug	9101400004	-
		2.0 HDI	Only for vehicles with ESP and 4-pole plug	9101400004	-
		1.8	Only for vehicles with ESP and 5-pole plug	9101400005	-
		2.0	Only for vehicles with ESP and 5-pole plug	9101400005	-
		1.6 HDI	Only for vehicles with ESP and 5-pole plug	9101400005	-
		2.0 HDI	Only for vehicles with ESP and 5-pole plug	9101400005	-
	Expert	2.0 HDI120	Only for vehicles with ESP and 5-pole plug	9101400005	-
		1.6 HDI	Only for vehicles with ESP and 5-pole plug	9101400005	-
	Boxer	Only for vehicles with ESP	-	MS-901	-
<b>Renault</b>					
	Master	2005 -	-	MS-902	-
	Trafic	2005 -	-	MS-902	-
	Kangoo	2003 - 2008	-	MS-902	-

**Available cable sets for WAECO MagicSpeed MS 800**

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Only for vehicles with electronic accelerator! (also see p. 24)

Maker	Model	Cable set	Notes
<b>Alfa Romeo</b>			
	147	MS-FI1	
	156	MS-FI1	Only for 6-pole, 1-row plug
	159	MS-NI1	
	156 Crosswagon	MS-FI1	
	GT	MS-FI1	
	Mito	MS-NI1	
	Brera	MS-NI1	
	Spider, 2007 -	MS-NI1	
<b>Audi</b>			
	A2	MS-FI2	Not for diesel models
	A2 1.2 TDI, 1.4 TDI	MS-VW1	Only for diesel models 1.2 + 1.4l
	A3, - 2005	MS-FI2	Not for diesel models
	A3 TDI, -2005	MS-VW1	
	A4, 2001 - 2007	MS-FI2	Only for petrol models and 2.0l TDI
	A4 1.9l + 2.5l TDI, 2001 - 2007	MS-VW1	Only for diesel model

**Available cable sets for WAECO MagicSpeed MS 800**

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Only for vehicles with electronic accelerator!

Maker	Model	Cable set	Notes
<b>Audi</b>			
	A6, - 2006	MS-FI2	Not for diesel models
	A6 1.9l + 2.5l, - 2006		
	Q7	MS-FI2	Only for petrol models and 3.0l TDI
<b>Cadillac</b>			
	BLS	MS-NI1	
<b>Chevrolet</b>			
	Captiva 2.0 VCDI, 2006 -	MS-CH2	
	Captiva 2.4 4WD, 2006 -	MS-CH2	
	HHR	MS-NI1	
	Lacetti TDCI, 2007 -	MS-CH3	
	Nubira TDCI, 2007 -	MS-CH3	
	Aveo, 2008 -	MS-CH3	
<b>Chrysler</b>			
	Sebring	MS-PE2	
<b>Citroën</b>			
	C5, - 2005	MS-PE1	Only for 4-pole plug
	C5, 2005 - 2007	MS-CI1	
	C5, 2008 -	MS-CI1	
	C4	MS-PE1	Only for 4-pole plug
	C4 Picasso	MS-CI1	
	C3, - 2006	MS-PE1	Only for 4-pole plug
	C3, 2006 -	MS-CI1	Only for 5-pole plug
	C2, - 2006	MS-PE1	
	C2, 2006 -	MS-CI1	
	C1	MS-PE1	Not for automatic transmission - only for diesel models
	Berlingo, 2006 - 2008	MS-CI1	Only for 5-pole plug
	Berlingo, 2008	MS-CI1	
	Jumper, 2004 - 2006	MS-FI2	
	Picasso, 2006 -	MS-CI1	Only for 5-pole plug
	Jumper, 2006 -	MS-FI1	MS-SV required
	Jumpy, 2007 -	MS-CI1	
	C-Crosser	MS-PE2	
	Nemo	MS-FI1	
<b>Dacia</b>			
	Logan	MS-RE1	Only for 1.5 dCI; please use MS-800/HYU
<b>Dodge</b>			
	Avenger	MS-PE2	
	Caliber	MS-PE2	
	Journey	MS-PE2	
<b>Ford</b>			
	Fiesta, 2002 - 2008	MS-F01	Except for 1.3l 8V
	Fusion	MS-F01	
	C-Max	MS-F02	
	Focus, 2004-2007	MS-F02	
	Focus, 2008	MS-F02	
	Galaxy TDI, - 2006	MS-VW1	
	Galaxy, 2006 -	MS-F02	Speed signal only via CAN bus adapter*
	Mondeo, 2007 -	MS-F02	Speed signal only via CAN bus adapter*
	S-Max, 2006 -	MS-F02	Speed signal only via CAN bus adapter*
	Transit, 2006 -	MS-F02	
	Transit Connect, 2007 -	MS-F02	
	Kuga	MS-F02	
<b>Fiat</b>			
	Doblo	MS-FI1	
	Bravo, 2006 -	MS-FI1	
	Idea	MS-FI1	
	Stilo, 2001 -	MS-FI1	Please use revs signal; only for manual transmission
	Multipla	MS-FI1	
	Ulysse, - 2005	MS-FI1	
	Ulysse 2.2 JTD, 2006 -	MS-CI1	
	Fiorino, 2008 -	MS-FI1	Not for automatic transmission or MMT
	Strada	MS-FI1	Except for 2.0l diesel
	Strada 2.0l diesel	MS-FI1	Please use MS-800/HYU
	Punto, - 2006	MS-FI1	
	Grande Punto	MS-NI1	
	Croma, 2005	MS-NI1	
	Ducato, - 2006	MS-FI2	Not for 250 model built 2006 or later
	Ducato 250, 2006 -	MS-FI1	MS-SV is required
	Sedici	MS-SU1	Use speed signal; control on steer. column PIN 12; manual transm. only
	Scudo, 2007 -	MS-CI1	
	500	MS-FI3	
	Panda, 2006 -	MS-FI3	

\* For supplier details please contact our technical service team.

Available cable sets for WAECO MagicSpeed MS 800

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Only for vehicles with electronic accelerator!

Maker	Model	Cable set	Notes
<b>Honda</b>			
	Civic, - 2006	MS-H01	Not for 1.7 diesel 74 KW EU9 models built 06/2004 or later
	CRV/FRV, - 2006	MS-H01	
	Civic, 2006 -	MS-H02	
	Civic Hybrid	MS-H02	
	Accord, 2006 - 2008	MS-H01	
	Accord, 2008 -	MS-H02	
	CRV, 2007 -	MS-H02	2.0, 2.4, 2.2 Ctdi
<b>Hyundai</b>			
	Elantra	MS-HY1	Only for diesel models
	Getz 1.5 dCi, - 2007	MS-HY1	
	Getz, 2008 -	MS-CH3	Only for diesel models
	Tucson	MS-HY1	
	Santa-Fe, - 2005	MS-HY1	
	Santa-Fe, 2006 -	MS-HY3	
	Matrix, - 2007	MS-HY1	
	Matrix, 2008 -	MS-HY2	Only for CRD
	Terracan 2.9 CRDI	MS-HY1	Only for vehicles with 2-row 2x3-PIN plug, use MS-800/HYU
	Terracan 2.9 CRDI	MS-HY2	Only for vehicles with 1-row 6-PIN plug, use MS-800/HYU
	Accent, 2006 -	MS-HY2	Only for diesel models
	Trajet	MS-HY1	For vehicles with 2-row 2x3-PIN plug - diesel models only
	Trajet	MS-HY2	For vehicles with 1-row 6-PIN plug - diesel models only
	H1 2.5 CRDI	MS-HY1	For vehicles with 2-row 2x3-PIN plug
	H1 2.5 CRDI	MS-HY2	For vehicles with 1-row 6-PIN plug
	H300/Satellite	MS-HY2	For vehicles with 1-row 6-PIN plug
	I30	MS-HY2	Only for diesel models
	Grandeur	MS-HY3	
	Sonata 2.0 CRDI	MS-HY3	
	Sonata 2.4	MS-HY3	
<b>Iveco</b>			
	Turbo Daily, 2006	MS-FI1	
<b>Jeep</b>			
	Compass, 2007 -	MS-PE2	
	Patriot	MS-PE2	
<b>Kia</b>			
	Cerato	MS-HY2	
	Ceed, 2006 -	MS-HY2	Only for 1.6 CRDI VGT - diesel models only
	Rio, - 2007	MS-HY2	1.5 diesel
	Rio, 2007 -	MS-HY1	Only for diesel models
	Sportage	MS-HY2	
	Sorento, 2006 -	MS-HY2	Only for 2.5 CRDI VGT engine
	Sorento, - 2005	MS-HY1	Only for 2.5 CRDI engine, use MS-800/HYU
	Carnival 2.9 CRDI, - 2005	MS-HY1	For vehicles with 2-row 2x3-PIN plug, use MS-800/HYU
	Carnival 2.9 CRDI, - 2005	MS-HY2	For vehicles with 1-row 6-PIN plug, use MS-800/HYU
	Carnival, 2006 -	MS-HY1	Only for 2.7l petrol engine - IMPORTANT: use standard MS-800
	Carnival, 2006 -	MS-HY1	Only for 2.9 CRDI VGT - IMPORTANT: use standard MS-800
	Carens, - 2005	MS-HY1	Only for diesel models
	Carens, 2006 -	MS-HY3	Only for diesel models
	Magentis 2006 -	MS-HY3	
	Picanto - 2007	MS-HY1	Only for diesel models
	Picanto 2008 -	MS-HY2	Only for diesel models
<b>Lancia</b>			
	Mussa	MS-FI1	
	Lybra 1.9 JTD	MS-FI1	
	Ypsilon, 2006 -	MS-FI3	
	Delta, 2008 -	MS-HY2	
<b>LDV</b>			
	Maxus	MS-FI2	
<b>Land Rover</b>			
	Freelander Td-4	MS-F01	
	Freelander, 2 2007 -	MS-F02	
<b>Mahindra</b>			
	Scorpio (GOA)	MS-FI1	
<b>Mazda</b>			
	2, - 2007	MS-F01	
	2, 2007 -	MS-MA1	Only for petrol models
	2, 2008 -	MS-F02	Only for diesel models
	3 CITD, MPS, 2.0 petrol model	MS-F02	
	6, - 2007	MS-MA2	
	MX5, 2006 -	MS-MA2	
	RX8	MS-MA2	
	CX7	MS-MA1	

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Maker	Model	Cable set	Notes
<b>Mitsubishi</b>			
	Colt, 2005	MS-NI1	
	L200, 2006	MS-MI1	
	Pajero, 2006 -	MS-MI1	
	Lancer, 2008 -	MS-PE2	
	Outlander, 2007 -	MS-PE2	
<b>Nissan</b>			
	Micra, - 2004	MS-NI1	
	Note	MS-NI3	
	Note 1.5 dCi	MS-NI3	Please use MS-800/HYU
	Micra, 2003 -	MS-NI3	Not for 1.5 dCi
	Micra, 2003 -, 1.5 dCi	MS-NI3	For 1.5 dCi please use MS-800/HYU
	Cabstar F24, 2007 -	MS-NI3	
	Cube	MS-NI3	
	Tida	MS-NI3	
	Almera	MS-NI1	Only for vehicles with 6-pole plug - not for 1.5 dCi
	Almera Tino	MS-NI1	Only for vehicles with 6-pole plug
	Primera	MS-NI1	Model P12 and successors with 6-pole plug
	Pathfinder	MS-NI1	
	Patrol, 2007 -	MS-NI3	Patrol Y61 Z.D 3.0 Euro4 Common Rail
	Navara (King Cab)	MS-NI1	D40 only - not for 2.5 diesel
	X-Trail, - 2007	MS-NI2	Only for vehicles with 6-pole plug
	X-Trail, 2007 -	MS-NI3	
	Primastar	MS-RE1	
	Kubistar	MS-RE1	
	Kubistar 1.5 CDI	MS-RE1	Please use MS-800/HYU
	Interstar	MS-RE1	
	QashQai, 2007 -	MS-NI3	
	350Z	MS-NI2	
<b>Opel</b>			
	Vivaro	MS-RE1	
	Movano	MS-RE1	
	Combo, 2006 -	MS-NI1	Only for engine codes starting with Z and ending with X
	Agila, 2003 - 2007	MS-NI1	Only for engine codes starting with Z and ending with X
	Agila, 2008 -	MS-SU1	Only for engine codes starting with Z and ending with X
	Tigra Twin Top	MS-NI1	Only for engine codes starting with Z and ending with X
	Corsa C + D	MS-NI1	Only for engine codes starting with Z and ending with X
	Meriva	MS-NI1	Only for engine codes starting with Z and ending with X
	Astra G + H	MS-NI1	Only for engine codes starting with Z and ending with X
	Zafira	MS-NI1	Only for engine codes starting with Z and ending with X
	Vectra	MS-NI1	Only for engine codes starting with Z and ending with X
	Antara	MS-CH2	
	Tour	MS-NI1	
<b>Peugeot</b>			
	1007, 2005 - 2006	MS-PE1	Only for 4-pole plug - only for manual transmission
	1007, 2006 -	MS-CI1	Only for manual transmission
	107	MS-PE1	Only for manual transmission, only for diesel models
	Partner	MS-PE1	Only for 4-pole plug
	Partner, 2006 - 2008	MS-CI1	Only for 5-pole plug
	Partner, 2008 -	MS-CI1	
	206 + SW + CC, 2005 - 2006	MS-PE1	Only for 4-pole plug
	206, 2006 -	MS-CI1	Only for 5-pole plug
	207, 2006 -	MS-CI1	Only for 5-pole plug
	307 + SW + CC, 2005 - 2006	MS-PE1	Only for 4-pole plug
	307, 2006 -	MS-CI1	Only for 5-pole plug
	308	MS-CI1	
	407 + SW	MS-PE1	Only for 4-pole plug
	407 Coupé	MS-PE1	Only for 4-pole plug
	407, 2006 -	MS-CI1	Only for 5-pole plug
	4007	MS-PE2	
	807 2.0l, 2008	MS-CI1	
	Boxer, - 2006	MS-FI2	
	Boxer, 2006 -	MS-FI1	MS-SV require
	Bipper	MS-FI1	Not for automatic transmission
<b>Porsche</b>			
	Cayenne	MS-FI2	
	911 Mod. 997	MS-FI2	
<b>Renault</b>			
	Laguna, 2001 - 2005	MS-RE1	
	Laguna, 2006 -	MS-NI3	
	Laguna, 2008 -	MS-NI3	
	Kangoo, 2003 - 2008	MS-RE1	
	Kangoo 1.5 dCi, 2003 - 2008	MS-RE1	Please use MS-800/HYU
	Kangoo 1.5 dCi, 2008 -	MS-NI3	Please use MS-800
	Koleos	MS-NI3	
	Trafic	MS-RE1	
	Twingo 1.2 16V engine code D4F, 2003 - 09/2007	MS-RE1	

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Maker	Model	Cable set	Notes
<b>Renault</b>			
	Twingo, 2007 -	MS-NI3	
	Avantime	MS-RE1	
	Master	MS-RE1	
	Modus	MS-NI3	
	Modus 1.5 dCi	MS-NI3	Please use MS-800/HYU, except for models built in 08 or later with Siemens
	Clio II	MS-RE1	
	Clio III, 2006 -	MS-NI3	
	Clio II 1.5 dCi	MS-NI3	Please use MS-800/HYU
	Clio III 1.5 dCi 105 PS	MS-NI3	Please use MS-800/HYU
	Laguna, 2001 - 2005	MS-RE1	
	Espace	MS-RE1	
	Mégane, 2003 -	MS-NI3	
	Mégane, 2005 -	MS-NI3	Only for manual transmission
	Mégane 1.5 dCi, 2005 -	MS-NI3	Please use MS-800/HYU; only for manual transmission
	Mégane 1.5 dCi 105 PS	MS-NI3	
	Scenic, 2005 -	MS-NI3	
	Scenic 1.5 dCi	MS-NI3	Please use MS-800/HYU
	Scenic 1.5 dCi 105 PS	MS-NI3	
	Vel Satis	MS-RE1	
<b>Saab</b>			
	9-3, 2002 -	MS-NI1	
<b>Seat</b>			
	Cordoba	MS-FI2	Not for diesel engines
	Cordoba 1.4 + 1.9 TDI	MS-VW1	Only for 1.4 + 1.9 TDI
	Ibiza, 2002 -	MS-FI2	Not for diesel engines
	Ibiza, 2002 - 1.4 + 1.9 TDI	MS-VW1	Only for 1.4 + 1.9 TDI
	Ibiza, 2008 -	MS-FI2	Only for petrol models
	Leon, - 2006	MS-FI2	Not for diesel engines
	Leon, - 2006 1.9 TDI	MS-VW1	Only for 1.9 TDI
	Alhambra	MS-FI2	Not for diesel engines
	Alhambra 1.9 TDI	MS-VW1	Only for 1.9 TDI
	Arosa, 2002 - 2004	MS-FI2	Not for diesel engines
	Arosa 1.4 TDI, 2002 - 2004	MS-VW1	Only for 1.4 TDI
	Toledo, - 2004	MS-FI2	Not for diesel engines
	Toledo 1.9 TDI, - 2004	MS-VW1	
<b>Skoda</b>			
	Fabia, 2000 - 2006	MS-FI2	Not for diesel engines
	Fabia 1.4 + 1.9 TDI, 2000 - 2006	MS-VW1	Only for 1.4 + 1.9 TDI
	Fabia, 2006 -	MS-FI2	Not for diesel engines
	Fabia 1.4 TDI, 1.9 TDI, 2006 -	MS-VW1	
	Octavia, - 2004	MS-FI2	Not for diesel engines
	Octavia 1.9 TDI, - 2004	MS-VW1	Only for 1.9 TDI
	Roomster	MS-FI2	Not for diesel engines
	Roomster 1.4 + 1.9 TDI	MS-VW1	Only for 1.4 + 1.9 TDI
<b>Smart</b>			
	Forfour	MS-NI1	Only for 1.0 l engine
<b>Suzuki</b>			
	Ignis 1.3 diesel	MS-NI1	Only for engine code Z13DT
	Wagon R diesel	MS-NI1	Only for engine code Z13DT
	New Swift 1.3 diesel	MS-SU1	Only for 1.3l diesel
	New Swift diesel, 2008 -	MS-SU1	Only for 1.3l diesel
	New Swift Benziner, 2008 -	MS-SU1	
	New Swift SPORT	MS-T02	Only for manual transmission, also for vehicles built in 2008 or later
	SX4	MS-SU1	Use speed signal; control on steer. column PIN 12; manual transm. only
	Splash	MS-SU1	
<b>Ssang Yong</b>			
	Rexon 270, - 2006	MS-SY1	Only for 1-row 6-PIN plug, not for EURO 4
	Rexon, 2006 -	MS-SY1	Only for 1-row 6-PIN plug, not for EURO 4
	Rodius 270, - 2006	MS-SY1	Only for 1-row 6-PIN plug, not for EURO 4
	Kyron M200Xdi	MS-SY1	Only for 1-row 6-PIN plug, not for EURO 4
	Actyon A230	MS-SY1	Only for 1-row 6-PIN plug
<b>Toyota</b>			
	Corolla, - 2007	MS-T01	
	Corolla, 2007 -	MS-T03	
	Corolla Verso	MS-T01	
	Avensis	MS-T01	
	Avensis Verso	MS-T01	
	Camry	MS-T01	
	RAV 4, - 2006	MS-T01	
	RAV 4, 2006 -	MS-T03	
	Hi-Ace	MS-T01	
	Hi-Lux, - 2005	MS-T01	
	Hi-Lux, 2005 -	MS-T02	
	Raider	MS-T02	
	Prius, 2005 -	MS-T02	
	Previa, 2000 -	MS-T01	

Available cable sets for WAECO MagicSpeed MS 800

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Only for vehicles with electronic accelerator!

Maker	Model	Cable set	Notes
<b>Toyota</b>			
	Hi-Lux, 2005 -	MS-T02	
	Aygo, 2006 -	MS-T03	Only for manual transmission and diesel
	Yaris D4D, - 2006	MS-T03	Except for 1.0l MM
	Yaris, 2006 -	MS-T03	Except for 1.0l MM
	Auris, 2007 -	MS-T03	
	Land Cruiser 90	MS-T01	
	Land Cruiser 100, 2005 -	MS-T02	Only for 4.2l TD
	Land Cruiser Prado, 2005 -	MS-T02	Only for 3.0l D4D
<b>Volkswagen</b>			
	Fox 1.2 / 1.4 2005 -	MS-FI2	Not for diesel engines
	VW Polo, 2001 -	MS-FI2	Not for diesel engines
	VW Polo 1.4 + 1.9 TDI, 2001 -	MS-VW1	Only for 1.4 + 1.9 TDI
	VW Golf 4	MS-FI2	Not for diesel engines
	VW Golf 4 1.9 TDI, - 2003	MS-VW1	Only for 1.9 TDI
	Caravelle, 1999 -	MS-FI2	2.5 - 5 cyl. 1999 not for diesel
	Multivan, 2003 -	MS-FI2	Not for diesel engines
	Multivan 1.9 + 2.5 TDI, 2003 -	MS-VW1	
	Touareg	MS-FI2	Not for diesel engines
	Bora	MS-FI2	Not for diesel engines
	Bora 1.9 TDI	MS-VW1	Only for 1.9 TDI
	Passat, Bj. 2000 - 2005	MS-FI2	Not for diesel engines
	Passat, Bj. 2000 - 2005 1.9 TDI	MS-VW1	Only for 1.9 TDI
	Lupo 1.0 + 1.4	MS-FI2	Not for diesel engines
	Lupo 1.2 + 1.4 TDI	MS-VW1	
	Sharan, 2000 -	MS-FI2	Not for diesel engines
	Sharan, 2000 - 1.9 TDI	MS-VW1	Only for 1.9 TDI
	VW Touran, 2003 - 2006	MS-FI2	Not for diesel engines
	VW Touran 1.9 TDI, 2003 - 2006	MS-VW1	Only for 1.9 TDI
	T5	MS-FI2	Not for diesel engines
	T5 1.9 + 2.5 TDI	MS-VW1	
<b>Volvo</b>			
	C30	MS-F02	
	S40	MS-F02	
	V50	MS-F02	
	C70	MS-F02	
	V70, 2007 -	MS-F02	
	XC70, 2007 -	MS-F02	
	S80, 2006	MS-F02	

Available cable sets for WAECO MagicTouch MT 150

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Radio remote control for specific vehicles

Maker	Model	Ref. No.	Notes	Version
<b>Audi</b>				
	A3	MT-150-AU4		A
	A4 without alarm**, - 97	MT-150-AU3		A
	A4 with alarm**, - 97	MT-150-AU4		A
	A4, 97 -	MT-150-AU4		A
	A6 without alarm**, 94 -	MT-150-AU3		A
	A6 with alarm**, 94 -	MT-150-AU4		A
	A8	MT-150-AU4		A
	Cabrio, - 01	MT-150-AU4		A
<b>Ford</b>				
	Fiesta, 96 - 02*	MT-150-F02		A
	Fiesta, 02 -*	MT-150-F03		A
	Focus, 98 - 04*	MT-150-F03		A
	Galaxy, - 00*	MT-150-VW2	Without triggering the hazard lights	S
	Ka, 98 -*	MT-150-F02		A
	Mondeo, 93 - 97*	MT-150-F02		A
<b>Mercedes-Benz</b>				
	W124	MT-150MB2		A
	W201	MT-150MB2		A
<b>Opel</b>				
	Astra F*	MT-150-OP2		S
	Corsa B*	MT-150-OP2		S
	Omega A*	MT-150-OP2		S
	Tigra*	MT-150-OP2		S

Available cable sets for WAECO MagicTouch MT 150

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Radio remote control for specific vehicles

Maker	Model	Cable set	Notes	Version
<b>Seat</b>	Arosa	MT-150-AU4		A
	Alhambra, - 00	MT-150-VW2	Without triggering the hazard lights	S
<b>Skoda</b>	Fabia	MT-150-VW10		A
	Octavia LX & SLX, - 00	MT-150-AU4		A
	Octavia SLXI & GLXI, - 00	MT-150-VW10		A
<b>Volkswagen</b>	Bora only with power windows	MT-150-VW8		A
	New Beetle 99 only with power windows	MT-150-VW8		A
	Golf III	MT-150-VW6		S
	Golf III Cabriolet, - 94	MT-150-VW6		S
	Golf IV only with power windows	MT-150-VW8		A
	Lupo	MT-150-AU4		A
	Passat Limousine, 94 - 96	MT-150-VW6		S
	Passat Variant, 94 - 97	MT-150-VW6		S
	Passat Limousine, Bj. 97 - 00	MT-150-VW10		A
	Passat Variant, 98 - 00	MT-150-VW10		A
	Polo, 95 - 01	MT-150-VW6		S
	Polo, 02	MT-150-VW10		A
	Sharan, 96 - 00	MT-150-VW2	Without triggering the hazard lights	S
	T4	MT-150-VW9		S
	Vento	MT-150-VW6		S

A = Wire connection, S = Plug connection, \* = Does not trigger the double lock and/or the factory-fitted alarm system., DWA\*\* = Factory-fitted car alarm

Table of models WAECO MagicSafe MS 670

3.08

CAN bus car alarm

Maker	Model	Functions	Code
<b>Citroen</b>	Jumper, 2006 -	1269	212
	Jumpy, 2007 -	12459	274
	C4, 2006 -	129	274
	Nemo, 2008 -	1269	244
	C-Crosser, 2007 -	12789	273
<b>Fiat</b>	500, 2007 -	1269	244
	Croma, 2005 -	1279	213
	Bravo, 2007 -	1269	212
	Idea, 2003 -	124579	211
	Idea, 2008 -	1269	212
	Panda, 2004 -	12*9	212
	Stilo, 2001 -	124579	210
	Stilo, 2006 -	12469	212
	Grande Punto, 2005 -	1269	244
	Scudo, 2007 -	12459	274
	Fiorino, 2008 -	1269	244
	Ducato, 2006 -	1269	212
<b>Ford</b>	Fiesta, 2007 -	12	266
	Focus, 2008 -	123	285
	Focus C-Max, 2005 - 2006	12	245
	Fusion, 2007 -	124	281
	Mondeo, 2007 -	123*5	262
	Kuga, 2008 -	1268	295
	S-Max, 2006 -	1235	262
<b>Honda</b>	Accord, 2007 -	123*5	280
	Civic, 2007 -	123*5	279
	CR-V, 2007 -	123*5	279
<b>Iveco</b>	Daily, 2007 -	1269	212
<b>Lancia</b>	Musa, 2004 -	124579	211
	Musa, 2008 -	1269	212
	Ypsilon, 2004 -	124579	211
	Ypsilon, 2006 -	1279	212
	Ypsilon, 2007 -	1279	212
<b>Jeep</b>	Grand Cherokee, 2006 -	12379	254
<b>Kia</b>	Carnival, 2007 -	1279	270
<b>Land Rover</b>	Freelander 2, 2007 -	123579	269
	Range Rover Sport, 2006 -	12359	249
<b>Mazda</b>	6, 2008 -	12	294
<b>Mercedes-Benz</b>	A-Class (W169), 2005 -	1259	230
	B-Class (W245), 2006 -	1259	233
	C-Class (W203), 2001 - 2006	123457	231
	C-Class Sportcoupé (W203), 2001 -	1235	231
	C-Class (W204), 2007 -	1257	272
	CL-Class (W216), 2007 -	123579	228
	CLS-Class (W219), 2007 -	1257	229
	E-Class (W211), 2005 -	123579	229
	G-Class (W463), 2006 -	12357	231
	GL-Class (X164), 2007 -	12357	230
	M-Class (W164) 2-key transmitter, 2006 -	12345	230
	R-Class (W251), 2006 -	12345	230
	S-Class (W220), 2000 - 2005	1256	258
	S-Class (W221), 2006 -	123579	228
	CLK (W209), 2004 -	1257	231
	SL (R230), 2006 -	123579	260
	SLK (R171), 2004 -	1257	231
	Sprinter, 2007 -	12356	264
	Vito, 2004 -	1256	232
	Viano, 2006 -	1256	232
<b>Mini</b>	without OE alam, 2007 -	12479	234
<b>Mitsubishi</b>	Outlander, 2007 -	129	273
	Lancer, 2008 -	1268	273

Table of models WAECO MagicSafe MS 670

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CAN bus car alarm (also see p. 34)

Maker	Model	Functions	Code
<b>Alfa Romeo</b>	159, 2005 -	12579	213
	Brera, 2005 -	12579	213
<b>Audi</b>	A3, 2004 -	124579	220
	A3 Sportsback, 2004 -	124579	220
	A4, 2002 - 2004	1234579	256
	A4, 2005 -	1234579	222
	A4 Cabrio, 2005 -	1234579	248
	A4, 2008 -	1234579	289
	A5, 2008 -	1234579	290
	A6, 2005 -	1234579	221
	A6, 2007 -	1234579	277
	A8, 2007 -	1235789	268
	Q7, 2006 -	1234579	221
	R8, 2008 -	1234579	292
	TT, 2006 -	1234579	252
<b>BMW</b>	1-Series (E87), 2005 -	12579	234
	3-Series (E90), 2005 -	1245789	234
	3-Series Coupé (E92), 2006 -	123789	250
	3-Series Cabrio (E93), 2008 -	1245789	234
	5-Series (E60-61), 2004 -	1245789	234
	6-Series (E63), 2006 -	12345789	250
	7-Series (E65), 2006 -	1234789	250
	X5 (E70), 2007 -	123479	250
	X6 (E71), 2008 -	123479	250
<b>Bentley</b>	Continental GT, 2008 -	12345789	291
<b>Chevrolet</b>	Captiva, 2006 -	126	257
<b>Chrysler</b>	300 C 2-key transmitter, 2006 -	1239	255

**Table of models WAECO MagicSafe MS 670**

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CAN bus car alarm

Maker	Model	Functions	Code
<b>Nissan</b>			
	Micra, 2007 -	12	283
	Navara, 2007 -	12	275
	Note, 2007 -	12	283
	Qashqai, 2007 -	128	284
	Qashqai, 2008 -	1259	296
	Pathfinder, 2007 -	123*	275
<b>Opel</b>			
	Antara, 2007 -	125	257
<b>Vauxhall</b>			
	Astra H, 2004 -	1259	225
	Astra H, 2007 -	12589	278
	Corsa D, 2006 -	1259	227
	Signum, 2002 -	1234579	226
	Vectra C, 2002 -	1234579	226
	Zafira, 2006 -	12589	227
<b>Peugeot</b>			
	207 <sup>®</sup> , 2007 -	129	247
	307, 2005 -	129	274
	308, 2007 -	287	129
	407, 2005 -	129	274
	4007, 2007 -	12789	273
	Expert, 2007 -	12459	274
	Bipper, 2008 -	1269	244
	Boxer, 2006 -	1269	212
<b>Porsche</b>			
	911 (Ver. 997), 2006 -	12357	253
	Cayman, 2007 -	12357	253
	Cayenne, 2005 -	12345789	218
<b>Saab</b>			
	9-3 (Cabrio SW), 2006 -	1269	261
<b>Seat</b>			
	Altea, 2004 -	123*459	242
	Altea XL, 2007 -	123*4579	242
	Cordoba, 2001 -	123*45	241
	Ibiza, 2001 -	123*45	243
	Ibiza, 2008 -	12579	293
	Leon, 2000 -	123*45	240
	Leon, 2006 -	123*4579	239
	Toledo, 2005 -	123*459	238
<b>Skoda</b>			
	Fabia, 2001 -	123*45	235
	Fabia, 2007 -	12457	259
	Octavia II, 2004 -	123*4579	236
	Roomster, 2006 -	12457	259
	Superb, 2003 -	123*457	237
<b>Subaru</b>			
	Legacy, 2007 -	12	282
	Outback, 2007 -	12	282
<b>Toyota</b>			
	RAV4, 2007 -	1258	263
	Auris, 2007 -	125	263
	Yaris, 2007 -	125	263
<b>Volkswagen</b>			
	Beetle, 2004 -	123457	216
	Caddy, 2005 -	124579	223
	Crafter, 2007 -	12356	264
	Eos, 2006 -	1234579	217
	Golf Plus, 2004 -	1234579	215
	Golf V, 2004 -	1234579	215
	Jetta, 2006 -	1234579	215
	Passat, 2001 -2005	123457	216
	Passat, 2006 -	1234579	217
	Passat CC, 2008 -	1234579	217
	Polo, 2001 - 2005	123457	219
	Polo, 2006 -	123457	214
	Phaeton, 2006 -	12357	265
	Touareg, 2005 -	1234579	218
	Touareg, 2007 -	1234579	267
	Touran, 2004 -	1234579	215
	Transporter, 2005 -	1234569	224
	Tiguan, 2008 -	1234579	217
	Transporter, 2005 -	1234569	224

**Table of models WAECO MagicSafe MS 670**

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CAN bus car alarm

Maker	Model	Functions	Code
<b>Volvo</b>			
	C30, 2007 -	126	271
	C70, 2008 -	1256	271
	S40, 2006 -	126	251
	S40, 2007 -	126	271
	S80, 2007 -	1259	286
	V50, 2006 -	126	251
	V50, 2007 -	126	271
	V70, 2008 -	1259	286
	XC70, 2008 -	1259	286
	XC90, 2005 -	123*569	246

**Alarm functions available via the comfort CAN bus system:**

Number / Code	Function
1	Door contact switch
2	Boot contact switch
3	Bonnet contact switch
4	Activation via door lock switch
5	Automatic deactivation (auto relock)
6	Deactivation when the boot lid is opened via the vehicle's original remote control
7	Deactivation when the boot lid is opened via the vehicle's original remote control and subsequent reactivation once the boot lid has been closed
8	Vehicle with "keyless go" system
9	Activation of the indicator lights via a cable link
*	* Depending on the model

WAECO BordBar

Bottle coolers

**Table of models WAECO BordBar BC-01**

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Thermoelectric bottle cooler with telephone console (also see p. 52)

Maker	Model	Ref. No.	Description
<b>Audi</b>			
	A4 10/00 -11/07	9106300002	
	A4 Cabriolet 09/01 -	9106300002	
	A6 05/04 -	9106300003	
<b>BMW</b>			
	3-Series (E90) 03/05 -	9106300005	without navigation, with and without bottle holder
	3-Series (E90) 03/05 -	9106300006	with navigation, with and without bottle holder
	5-Series (E60/61) 03 -	9106300004	
<b>Ford</b>			
	Focus 11/04 -	9106300007	
	Focus C-Max 03 -	9106300020	
	Galaxy 00 - 05/06	9106300017	
	Galaxy 06/06 -	9106300009	
	Mondeo 01 - 04/07	9106300010	
	S-Max 05/06 -	9106300009	
<b>Mercedes-Benz</b>			
	C-Class (W203) 01 - 02/07 -	9106300011	
	E-Class (W211) 02 -	9106300012	
<b>Opel</b>			
	Astra 03/04 -	9106300013	
	Meriva 03 -	9106300014	
	Signum 03 -	9106300015	
	Vectra C 04/02 -	9106300015	
	Zafira 07/05 -	9106300016	
<b>Seat</b>			
	Alhambra 00 -	9106300017	
<b>Skoda</b>			
	Octavia 05/04 -	9106300023	
<b>Toyota</b>			
	Avensis 03 -	9106300018	
	Corolla Verso 05/04 -	9106300019	
<b>Volkswagen</b>			
	Golf V 03 -	9106300021	
	Jetta 05 -	9106300021	
	Passat 03/05 -	9106300008	
	Sharan 00 -	9106300017	
	Touran 03 -	9106300022	

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