



- | Portable coolers
- | Refrigerators
- | Air conditioners
- | Electronics
- | Reversing video systems
- | Vehicle accessories
- | Lights
- | Windows
- | Kitchen solutions
- | Sanitation solutions

# On the Move

The large accessory range for caravans & motorhomes

| 2010



Here today ...

| 2010





## ... and there tomorrow!

You've made all the plans and suddenly find yourself on a new journey again. You live for the moment – the routine of everyday life is quickly forgotten. Life on the road is full of surprises and new experiences. Living at one with nature. Far from civilisation, you can enjoy peace and quiet. Foreign countries and new encounters that enrich you. We would like to help towards making you feel more comfortable when you're away from home. With Dometic WAECO, you travel with a partner who has been making innovative comfort solutions for original fittings for many years. High-quality is the hallmark of our entire product range, which has long been available for the aftermarket as well.

Discover the world's most comprehensive and versatile product range of easy-to-use equipment for motorhomes and caravans in this catalogue. Check out our new products: for instance, the newly adapted reversing video system, a patented ventilation system, energy-saving LED lights, an unbelievably compact compressor unit and many more.

**Welcome to the exciting world of Dometic WAECO products!**

# Contact

## 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.

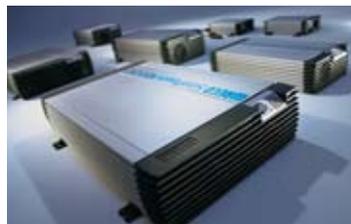
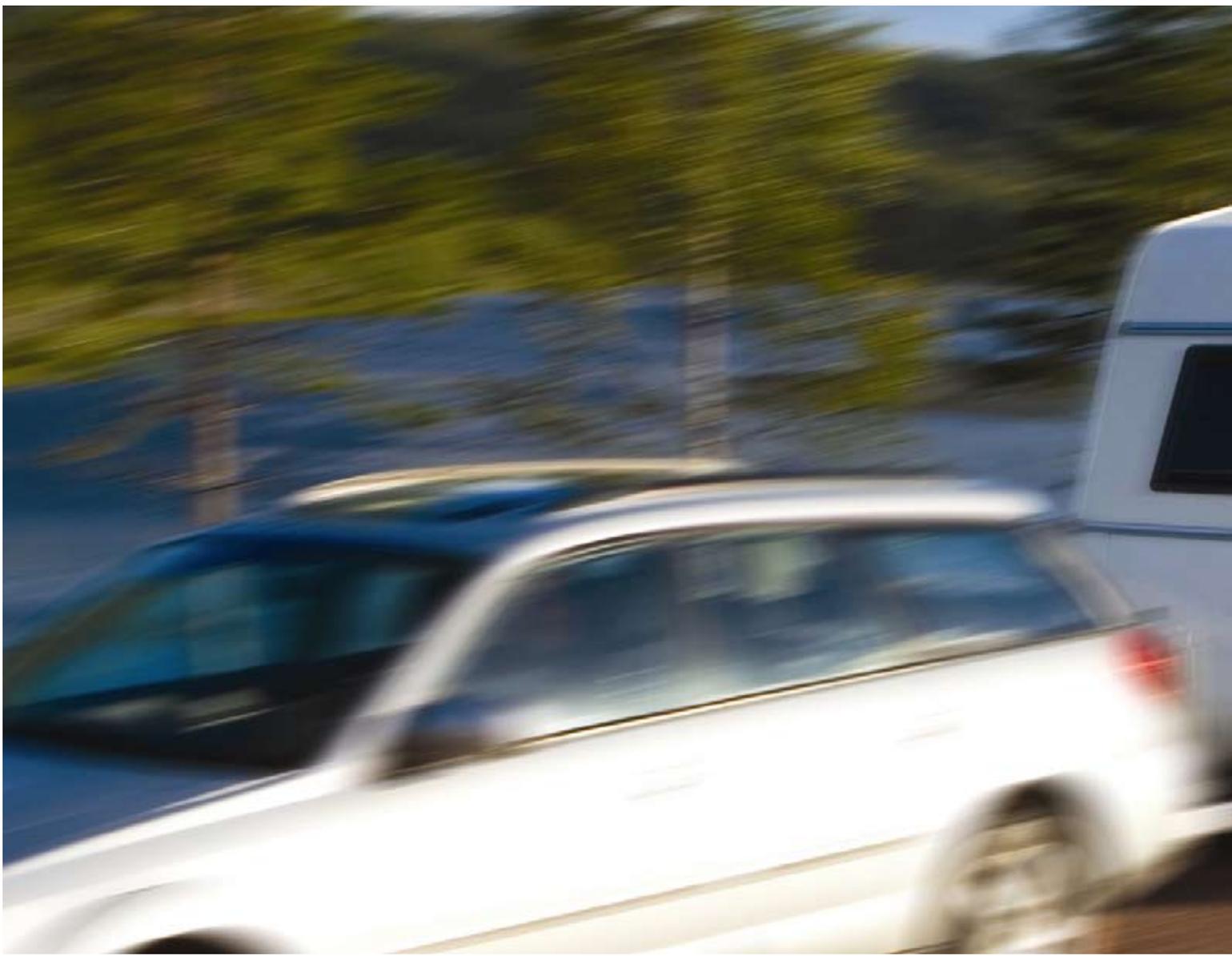


### A must-have for yacht and boat owners



The specialist marine catalogue  
**More comfort on board 2010**

Dometic WAECO is not just out and about on roads and campsites, but on all the seven seas as well. We would be happy to send you the counterpart to the caravan catalogue in front of you: the new specialist catalogue containing our complete range of marine products. From mobile refrigerators to sanitation, lighting and galley equipment to mobile power solutions – you will find all you need to make life on board more comfortable.



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Product overview

# Our new models for 2010

## Powerful technology for campers and caravaners

That's a good start. We have seldom had as many new products and developments as we have this season. We have gathered together a selection to show you on these two pages – but that is not the whole range, by far. Look forward to some new discoveries when you browse through our catalogue!

### Patented ventilation system

This innovative ventilation system works without using any power and ensures a fresh supply of air in the vehicle. An effective alternative to hinged and push-up roof windows!

Pages 184 – 185

**NEW**

With patented  
flow guiding  
element



**Dometic** AirQuad

### Deluxe air conditioners

Our first roof air conditioner with an energy-efficient heat pump system. Powerful cooling and heating performance at low energy consumption.



**Dometic** Pages 106 – 109

### Generators

As well as petrol and diesel generators, we now offer a liquid gas model for even more versatility for campers.



**Dometic** Pages 120 – 121

### Lights

The cosy comforts of home: a whole range of models for your own special lighting design. Extremely energy-saving LED technology.



**Dometic** Pages 174 – 181

## Absorption cooler

The first absorption cooler with aluminium housing – perfect design. Cooling performance up to 33°C below ambient temperature. 41 litre capacity.



**Dometic**

**Page 25**

## Compressor cooler

Sensational, compact design, lightweight and comfortable to carry with a shoulder strap. Standard and deep-freeze, 10.5 litre capacity.



**WAECO**  
by Dometic GROUP

**Page 35**

## Compressor cooler

High-tech cooling, now also available as a 60 litre model. Hallmark for the entire product design: premium quality and top performance.



**WAECO**  
by Dometic GROUP

**Page 41**

## Mobile safety solutions

**Pages 158 – 165**

LCD reversing video systems for various requirements. A completely new product range, consisting of two monitors and three colour cameras which can all be combined with one another.



**WAECO**  
by Dometic GROUP

## Charging technology

An addition to the high-quality range of IUOU automatic chargers: an 80 amp and 40 amp model complete the range.



**WAECO**  
by Dometic GROUP

**Page 137**

## Dry vacuum cleaner

Specially designed for motorhomes, ideal for hiding away in a storage cupboard – only a socket can be seen.



**Dometic**

**Pages 200 – 201**

## Sanitation solutions

PowerCare sanitation fluid is now also available as ready to use tabs. The new, fast-soluble toilet paper is ideal for camping toilets.



**Dometic**

**Pages 248 – 251**





# Mobile refrigeration

## Portable coolers

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# Thermoelectrics

Low-cost, light-weight, versatile

**Inexpensive coolers for personal and professional use**

**Thanks to their low weight, thermoelectric coolers are particularly easy to carry and transport.** Their astonishing cooling capacity of up to 30°C below the ambient temperature is more than sufficient for most purposes, including car journeys, camping or picnics.

Thermoelectrics offer an added bonus: most of the coolers equipped with this **wear- and maintenance-free technology** can be used for both **cooling and heating**. Cost-efficient and reliable, thermoelectric energy is “just right” for **small and medium-size portable coolers**.

## Aluminium cooler with music

Pages 14 – 15

## Low-cost portable coolers

Pages 16 – 17

This jumbo cooler is characterised by its indestructible aluminium housing and a sound system integrated into the lid, which comes complete with a dock for an MP3 player. For 12/230 volts.

Compact dimensions, large capacities, powerful technology, low price. With their innovative, fresh design the versatile units are perfect for trips into the great unknown.

### WAECO CoolFun MB 40



CoolFun MB 40

### WAECO CoolFun CD



CoolFun CD-22

CoolFun CD-32

## Comfortable high-tech coolers

Pages 18 – 21

WAECO TropiCool coolers provide powerful cooling (up to 30°C below the ambient temperature) and perfect design. TC special electronics with soft-touch operating panel and power-save mode. 12/24/230-volt connection as standard (TC-07: 12/230 volts).

### WAECO TropiCool



TropiCool TC-35FL



TropiCool TC-21FL



TropiCool TC-14FL

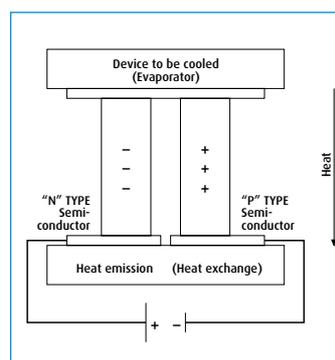


TropiCool TC-07

## Thermoelectrics

The thermoelectric principle was discovered in 1834 by J. C. A. Peltier. Hence, the temperature generating parts of thermoelectric systems are referred to as Peltier elements. Thermoelectrics are based on the fact that cold or heat energy is generated when the connection between different types of metals is linked to a DC power source. The heating or cooling capacity is further enhanced by heat exchangers and air fans. It is well suited to small and medium-sized coolers.

- | Ready for operation with 12/24 volts DC or 230 volts AC
- | Cooling performance up to 30°C below the ambient temperature (depending on the size and design of the appliance)
- | Can be used for cooling and for keeping food warm
- | Impeccable operation in inclined position
- | Low weight, convenient to transport
- | Wear-resistant and maintenance-free
- | Low investment cost





**NEW**  
With aluminium  
housing and  
sound system

## Heavy-duty and highly musical Jumbo cooler with an integrated sound system

**Easy listening, pop, classic – what’s your favourite? The new CoolFun MB 40 doesn’t just dish up snacks and cold drinks, but also your favourite music as well. A sound system integrated into the lid, with a connection for an MP3 player, makes it possible.**

Its sound quality is outstanding, the technology tolerates moisture and other effects of the weather. A super-cool aluminium housing also makes the thermoelectric cooler a vision of summer style, as well as unbreakable. It will enjoy many beach or camping holidays and the signs of wear and tear will only make it look even better. With a capacity of 40 litres, it can feed the whole family or friends and the fold-out side handles make it comfortable to carry. Further plus points: cooling performance up to 22 °C

below ambient temperatures and a two-part lid which, when opened, keeps the loss of cold to a minimum. It also conceals an extra panel for the CoolFun MB 40’s connection cable, which can be operated using 12 or 230 volts.

**Experience the great “music box” on video at [www.waeco.com/soundcooler/](http://www.waeco.com/soundcooler/)**

**WAECO CoolFun MB 40**

Thermoelectric cooler with an integrated sound system

4.02



<b>Gross capacity</b>	approx. 40 litres
<b>Voltage</b>	12 volts DC and 230 volts AC (220–240 V)
<b>Power input</b>	DC: 48 watts; AC: 47 watts
<b>Temperature range</b>	Refrigeration up to 22°C below ambient temperatures
<b>Insulation</b>	High-quality CFC-free polyurethane foam
<b>System</b>	Wear-free thermoelectrics (Peltier system)
<b>Material</b>	Aluminium housing
<b>Colour</b>	Aluminium finish/pale grey
<b>Weight</b>	approx. 9.6 kg
<b>Quality features</b>	Automatic DC/AC switch-over (12/230 V) for car and power socket, stable and indestructible aluminium housing, fold-out carry handles at the side, two-part lid to keep cold from escaping, cable compartment in the lid, vertical space for 2-litre bottles, 2 detachable grid dividers, exterior and interior fan, integrated and patented speaker system, ready for MP3 player connection, batteries not included
<b>Test marks</b>	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

**NEW**



Up to 22°C below ambient temperature



12/230 volts

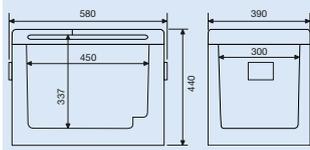
Integrated sound system with an MP3 player connection

Robust aluminium housing

Stable fold-out spring-mounted handles

Two-part lid to stop the cold from escaping

Cable compartment integrated in the lid



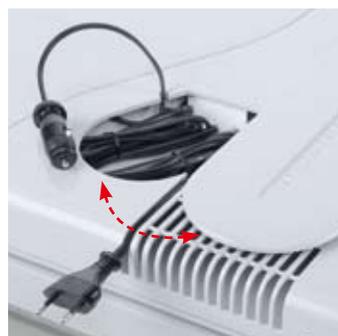
<b>Product</b>	<b>Ref. No.</b>
CoolFun MB40	9105300006



Two-part lid: easy to lift – minimal loss of cold



Details: spring-mounted plastic-sheathed handles



Practical detail: roomy cable compartment with a lid which swivels



Integrated sound system with an MP3 player connection



## Cool fun at bargain price

Affordable coolers with AC/DC 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 will bring pleasure – at work and at play.

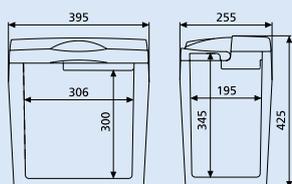
### WAECO CoolFun CD-22

Thermoelectric cooler with additional insulating lid

4.02



Extra insulating lid  
(ideal for going to the beach)



<b>Gross capacity</b>	approx. 22 litres
<b>Voltage</b>	<b>12/230 volts DC/AC</b>
<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, can be switched to cold/warm, practical recessed grip in the lid, ready for connection to 12/230 volts with priority for 230 volts
<b>Scope of delivery</b>	Additional insulating lid
<b>Test marks</b>	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

<b>Product</b>	<b>Ref. No.</b>
CoolFun CD-22	CD-22-AC



Up to 20°C below ambient temperature



Up to +65°C in the heating mode



12/230 volts

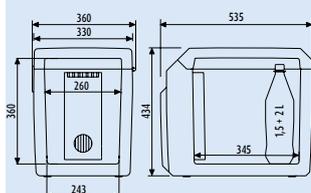
With additional insulating lid



### WAECO CoolFun CD-32

Thermoelectric cooler with power-save circuit

4.02



<b>Gross capacity</b>	approx. 32 litres
<b>Voltage</b>	<b>12/230 volts DC/AC</b>
<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>	Purpose-built, intelligent 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>	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

<b>Product</b>	<b>Ref. No.</b>
CoolFun CD-32	CD-32-AC



Up to 25°C below ambient temperature



Up to +70°C in the heating mode



12/230 volts

With power-save circuit



## The comfort series for cool enjoyment

High-tech coolers with DC/AC and special electronics

**Mobility, performance and convenience – these are the hallmarks of the WAECO TropiCool series.** State-of-the-art thermoelectrics make for outstanding cooling results up to 30°C below the ambient temperature. Add to this all the useful features and functions: 12/24/230 volts DC/AC as standard, individual

temperature regulation with LED display and memory function, to name but a few. At the touch of a button the coolers (+1°C to +15°C) can be turned into warmer boxes (+50°C to +65°C). WAECO TropiCool – the comfort class of thermoelectric refrigeration.



12/24 volts DC



230 volts AC

WAECO TropiCool coolers provide plug & play convenience, no matter whether you've got a 12/24-volt or 230-volt power source. The DC/AC feature is available as standard! (TC-07: 12/230 volts.)

## WAECO TropiCool – powerful luxury



TropiCool TC-07

TropiCool TC-35FL

TropiCool TC-14FL

TropiCool TC-21FL

### The intelligent power-save circuit

TropiCool coolers are great energy savers. As soon as the power is on, they **cool at full capacity** to reach the desired temperature. Once this has been achieved, they switch automatically to the **power-save mode**. In this mode, the Peltier element draws very little power. This gives rise to an insulation bridge that prevents heat from flowing

into the cooling compartment. **Example:** a conventional cooler operated in the 12-volt mode consumes between 4 and 4.5 Ah per hour to achieve an interior temperature of +5°C at an ambient temperature of +25°C, the WAECO TropiCool TC-21FL makes do with just 2.1 Ah per hour.

### Perfect down to the last detail – product benefits of the TropiCool series

- › **Highly effective insulation**  
Outstanding energy efficiency
- › **Dynamic interior ventilation**  
Significantly improved cooling performance
- › **Wear-free fans**  
Long service life
- › **Intelligent power-save circuit**  
Electronics switch automatically to power-save mode once the desired interior temperature has been reached (for TC-14FL, TC-21FL and TC-35FL, p. 20 – 21).
- › **12/24/230 volts as standard**  
With priority circuit for 230 volts
- › **Heat exchanger and high-performance Peltier element**  
Cooling performance up to 30°C below ambient temperature.\*
- › **Magnetic switch**  
Switches the interior fan off when you open the cooler
- › **Universal fixing kit**  
for TC-14FL, TC-21FL and TC-35FL (p. 20)



### TC special electronics with soft-touch operating panel

**WAECO TropiCool coolers\*** provide refrigeration up to 30°C below the ambient temperature and heating up to +65°C. Using the soft-touch operating panel, you can set the desired temperature in seven stages each: from +1°C to +15°C in the cooling mode, or from +50°C to +65°C in the heating mode. The memory function saves the last set parameters.

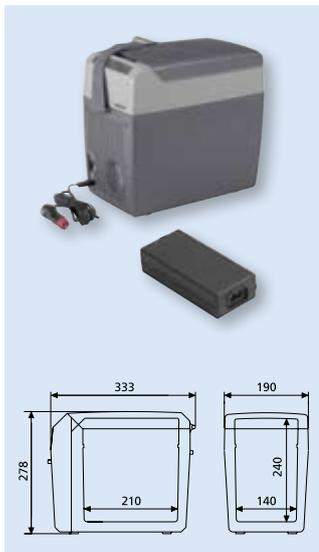
- › Cooling up to 30°C below ambient temperature
- › Heating up to +65°C
- › 7-stage temperature regulation for cooling and heating
- › LED temperature display
- › Memory function saves the last settings
- › Membrane keypad protects the electronics from dust and moisture

\* All models except TC-07

## WAECO TropiCool TC-07

Thermoelectric cooler

4.01



<b>Gross capacity</b>	approx. 7 litres
<b>Voltage</b>	<b>12/230 volts DC/AC</b>
<b>Power input</b>	approx. 36 watts at 12 volts DC approx. 40 watts at 230 volts AC
<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>	Temperature regulation for cooling and heating with fixed point thermostats, ready for connection to 230 volts
<b>Scope of delivery</b>	Shoulder strap, 12-volt connection cable and 230-volt mains adapter included
<b>Test marks</b>	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)
<b>Product</b>	<b>Ref. No.</b>
TropiCool TC-07	TC-07UG-12/230



Up to 25°C below ambient temperature



Up to +65°C in the heating mode

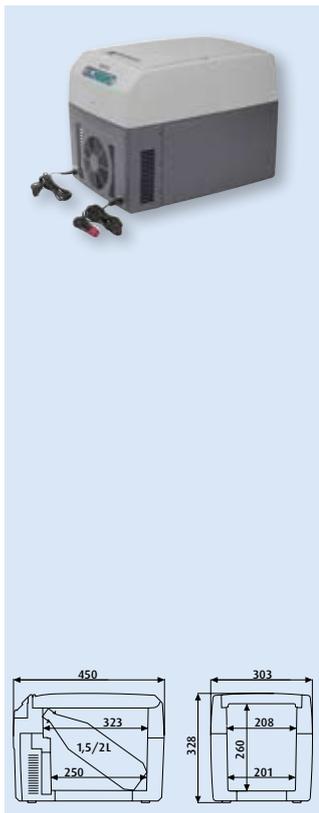


12/230 volts

## 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 volts DC approx. 60 watts at 24 volts DC approx. 80 watts at 230 volts AC
<b>Average running time</b>	30% 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. 5.0 kg
<b>Quality features</b>	TC special electronics: 7-stage electronic thermostat with LED indicators, memory function, ON/OFF and cold/warm option activated with soft-touch operating panel, intelligent power-save circuit. Integrated mains supply unit with priority circuit, outstanding cooling performance, 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>	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)
<b>Product</b>	<b>Ref. No.</b>
TropiCool TC-14FL	TC-14FL-AC
<b>Optional extra</b>	
Universal fixing kit	UFK-T



Up to 30°C below ambient temperature



Up to +65°C in the heating mode



12/24/230 volts

TC special electronics



## Universal fixing kit

For TropiCool TC-14FL, TC-21FL, TC-35FL: fastening of TropiCool coolers in vehicles.

4.01



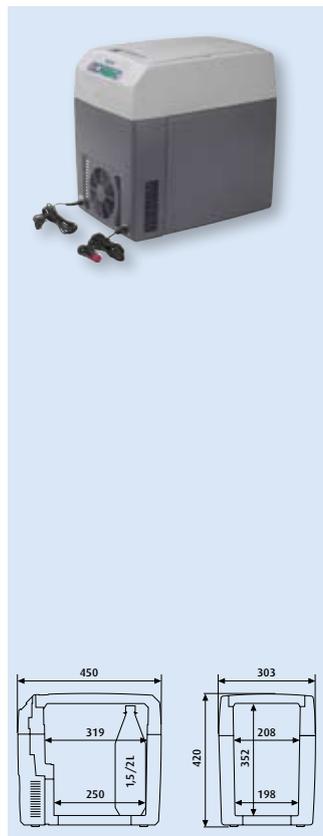
<b>Material</b>	Powder-coated metal
<b>Colour</b>	Black
<b>Scope of delivery</b>	Two base plates, two adjustable straps, set of screws
<b>Product</b>	<b>Ref. No.</b>
Universal fixing kit	UFK-T



### 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 volts DC approx. 60 watts at 24 volts DC approx. 80 watts at 230 volts 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>	As for TC-14FL
<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, ON/OFF and cold/warm option activated with soft-touch operating panel, intelligent power-save circuit. Integrated mains supply unit with priority circuit, outstanding cooling performance, 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>	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

Product	Ref. No.
TropiCool TC-21FL	TC-21FL-AC
<b>Optional extra</b> Universal fixing kit	UFK-T

Up to 30°C below ambient temperature

Up to +65°C in the heating mode

12/24/230 volts

TC special electronics

### 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 volts DC approx. 60 watts at 24 volts DC approx. 80 watts at 230 volts 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>	As for TC-14FL
<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, ON/OFF and cold/warm option activated with soft-touch operating panel, intelligent power-save circuit. Integrated mains supply unit with priority circuit, outstanding cooling performance, magnetic switch to deactivate the interior fan when the box is opened, detachable lid with snap lock closure, handy carrying grips, vertical space for 2-litre bottles, adjustable grid divider
<b>Test marks</b>	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

Product	Ref. No.
TropiCool TC-35FL	TC-35FL-AC
<b>Optional extra</b> Universal fixing kit	UFK-T

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 trucks

TC special electronics



3-way  
cooling

# Absorption technology

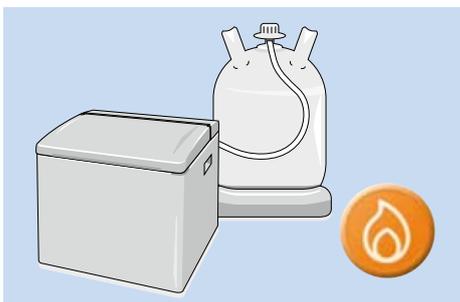
## Cooling with power and gas

### Universal leisure fridges

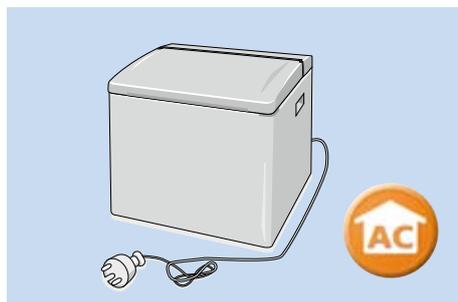
Silent and truly mobile, absorption coolers give camping enthusiasts all the freedom they need. **Gas operation** in a remote field, **convenient 230-volt hook-up** at the campsite, power supply from the **cigarette lighter socket in cars or motorhomes** –

anything is possible! Switch-over from one energy mode to another in a trice! Whether gas, 12 or 230 volts, the refrigeration system adjusts to suit your needs – up to 33°C below the ambient temperature.

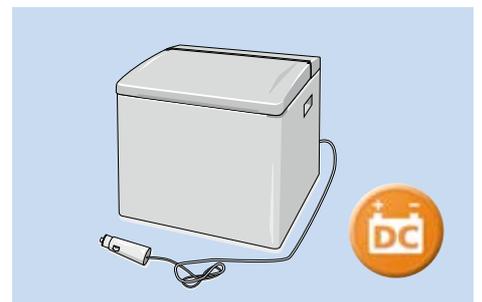
#### Gas operation



#### 230-volt connection



#### 12-volt connection



## High-end models from luxurious to low-cost

Pages 24 – 29

The new cooler with its classy, indestructible aluminium housing proves how attractive absorption cooling can be. Two tried-and-tested basic models and the cooler on wheels with its pull-out telescope handle round off the program. Cooling performance up to 33°C below ambient temperature. Hassle-free operation on 12 volts, 230 volts and gas.

### **Dometic** CombiCool



**NEW**

**CombiCool RC 2200 EGP**  
41 litres



**Pull-out telescopic handle**

**CombiCool RC 4000 EGP**  
33 litres



**Price hit!**

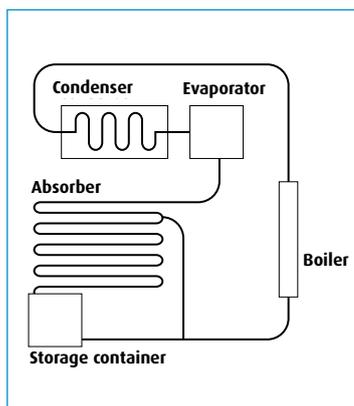
**CombiCool RC 1200 EGP**  
41 litres



**CombiCool RC 1600 EGP**  
33 litres

## How absorption cooling works

A concentrated ammonia solution is heated in a boiler and driven off as vapour. The pressurised ammonia gas is then liquefied in a condenser. Supplied with hydrogen, it evaporates and extracts heat from the storage container. The ammonia gas then enters the absorber where it is reabsorbed in a weak solution of ammonia. Finally, the saturated solution flows back to the boiler where the whole cycle starts again.





## Great outfit – great performance!

**A dazzling performance by the first absorption cooler with aluminium housing! The CombiCool RC 2200 EGP looks unbelievably good and is well-connected everywhere – at a barbecue on the terrace, at a picnic under the awning or far away from civilisation.**

Thanks to optimised absorption technology it provides excellent cooling performances up to 33°C below ambient temperature and is completely silent. The CombiCool RC 2200 EGP has a capacity of 41 litres and a perfect

interior design which allows you to cool up to eight 2-litre bottles. It features recessed side grips to make the unit comfortable to transport.



Elegant aluminium housing



3-stage flame regulation in gas mode, piezo ignition, thermostat regulation in 230-volt mode



Vertical space for 1.5- and 2-litre bottles

**Dometic CombiCool RC 2200 EGP**

Absorption coolers for 12 volts, 230 volts and gas

4.27



<b>Gross capacity</b>	41 litres	
<b>Connections</b>	230 volts AC 12 volts DC Gas	
<b>Input rating</b>	230 volts/12 volts gas	85 watts 10.5 g/h
<b>Consumption</b>	230 volts 12 volts gas min./max.	1.6 kWh/24 h 170 Ah/24 h 187/252 g/24 h
<b>Cooling capacity</b>	Up to 33°C below ambient temperature	
<b>Insulation</b>	CFC-free polyurethane foam	
<b>System</b>	Absorption cooling	
<b>Material</b>	Aluminium housing	
<b>Colour</b>	Aluminium finish/black	
<b>Weight</b>	14 kg	
<b>Quality features</b>	Piezo ignition, thermostat regulation in 230-volt mode, 3-stage flame regulation in gas mode, vertical space for 1.5- and 2-litre bottles, recessed grips, sturdy cabinet, ice cube tray	
<b>Test mark</b>	Certified to European Gas Appliance Directive 90/396/EEC	

**NEW**

Up to 33°C below ambient temperature



12/230 volts

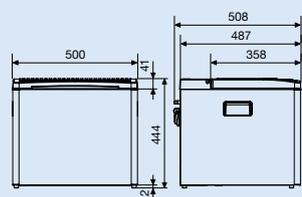


Gas

The only absorption cooler with aluminium housing – perfect design

Noiseless operation

Ice cube tray included



Product	Ref. No.
CombiCool RC 2200 EGP, 50 mbar	9105202809 D, CH, A
CombiCool RC 2200 EGP, 30 mbar with hose, only permitted for use on a gas socket [coupling]	9105202812 D, CH, A
CombiCool RC 2200 EGP, 30 mbar	9105202810 DK, FI, N, S
CombiCool RC 2200 EGP, 30 mbar	9105202817 F, I, E, NL
CombiCool RC 2200 EGP, 28–37 mbar	9105202808 UK

More country-specific models on request.





## Independence at an incredible price

**Chill wherever you want. The Dometic CombiCool RC 1200 EGP and RC 1600 EGP offer you a choice of power sources to suit any surroundings. The absorption coolers run on 12-volt supply in the vehicle, on 230-volt mains supply at home or at the campsite and can easily be switched to gas operation at remote locations.**

This useful cooler achieves cooling of up to 25°C below ambient temperature and can also make ice cubes for your drinks – an ice cube tray is included. With a capacity of 41 litres and room to store 1.5 and 2.0 litre bottles standing up, the CombiCool **RC 1200 EGP** is the perfect camping cooler. It is also extremely affordable, offering all this for an incredibly reasonable price!

And when space is short, the **RC 1600 EGP** shows its strengths: large interior capacity despite small dimensions, powerful cooling performance up to 30°C below ambient temperature.



3-stage flame regulation in gas mode, piezo ignition, thermostat regulation in 230-volt mode



The special lid construction of the RC 1200 RGP eliminates the need for a gasket



Evaporator provides space for an ice cube tray



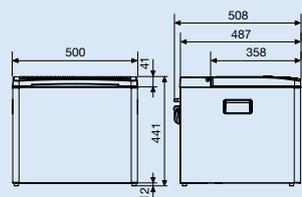
Vertical space for 1.5- and 2-litre bottles

**Dometic CombiCool RC 1200 EGP**

Absorption cooler for 12 volts, 230 volts and gas



<b>Gross capacity</b>	41 litres	
<b>Connections</b>	230 volts AC 12 volts DC Gas	
<b>Input rating</b>	230 volts/12 volts gas	85 watts 10.6 g/h
<b>Consumption</b>	230 volts 12 volts gas min./max.	1.6 kWh/24 h 170 Ah/24 h 197/255 g/24 h
<b>Cooling capacity</b>	Up to 25°C below ambient temperature	
<b>Insulation</b>	CFC-free polyurethane foam	
<b>System</b>	Absorption cooling	
<b>Material</b>	Housing made from coated sheet steel	
<b>Colour</b>	Silver/grey	
<b>Weight</b>	16 kg	
<b>Quality features</b>	Piezo ignition, thermostat regulation in 230-volt mode, 3-stage flame regulation in gas mode, vertical space for 1.5- and 2-litre bottles, recessed grips, sturdy cabinet, ice cube tray	
<b>Test mark</b>	Certified to European Gas Appliance Directive 90/396/EEC	



Product	Ref. No.
CombiCool RC 1200 EGP, 50 mbar	9105202819 D, CH, A
CombiCool RC 1200 EGP, 30 mbar with hose, only permitted for use on a gas socket [coupling]	9105202823 D, CH, A
CombiCool RC 1200 EGP, 30 mbar	9105202820 DK, FI, N, S
CombiCool RC 1200 EGP, 30 mbar	9105202822 F, I, E, NL
CombiCool RC 1200 EGP, 28–37 mbar	9105202821 UK

More country-specific models on request.



Up to 25°C below ambient temperature



12/230 volts



Gas

Sturdy housing and functional design

Noiseless operation

Ice cube tray included

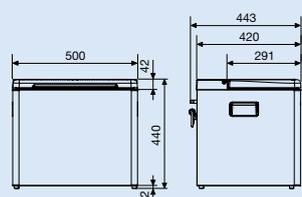
Value for money!

**Dometic CombiCool RC 1600 EGP**

Absorption coolers for 12 volts, 230 volts and gas



<b>Gross capacity</b>	33 litres	
<b>Connections</b>	230 volts AC 12 volts DC Gas	
<b>Input rating</b>	230 volts/12 volts gas	75 watts 10.5 g/h
<b>Consumption</b>	230 volts 12 volts gas min./max.	1.35 kWh/24 h 150 Ah/24 h 187/252 g/24 h
<b>Cooling capacity</b>	Up to 30°C below ambient temperature	
<b>Insulation</b>	CFC-free polyurethane foam	
<b>System</b>	Absorption cooling	
<b>Material</b>	Housing made from coated sheet steel	
<b>Colour</b>	Silver/grey	
<b>Weight</b>	16 kg	
<b>Quality features</b>	Piezo ignition, thermostat regulation in 230-volt mode, 3-stage flame regulation in gas mode, vertical space for 1.5- and 2-litre bottles, recessed grips, sturdy cabinet, ice cube tray	
<b>Test mark</b>	Certified to European Gas Appliance Directive 90/396/EEC	



Product	Ref. No.
CombiCool RC 1600 EGP, 50 mbar	9105200001 D, CH, A
CombiCool RC 1600 EGP, 30 mbar with hose, only permitted for use on a gas socket [coupling]	9105200021 D, CH, A
CombiCool RC 1600 EGP, 30 mbar	9105200002 DK, FI, N, S
CombiCool RC 1600 EGP, 28–37 mbar	9105200003 F, I, E, NL
CombiCool RC 1600 EGP, 28–37 mbar	9105200004 UK

More country-specific models on request.



Up to 30°C below ambient temperature



12/230 volts



Gas

Sturdy housing and functional design

Noiseless operation

Ice cube tray included



## Refrigeration on wheels ...

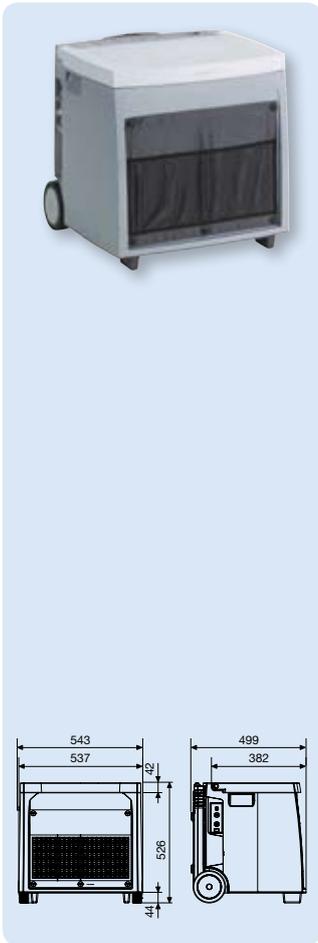
**The Dometic CombiCool RC 4000 EGP has been fitted with sturdy wheels and a pull-out telescopic handle. These make it so mobile it can follow you anywhere - you don't need to worry about how to carry drinks, snacks or food for the barbeque.**

Storage volume of 33 litres and refrigeration performance up to 30°C below ambient temperature are offered by this noiseless absorption cooler. It will also supply the ice cubes to go in your chilled drink, thanks to the ice cube tray that is included. Cutlery and serviettes can be stored in the practical nets on the front of the appliance. In common with all 3-way refrigerators the CombiCool RC 4000 EGP can be run on three different power sources: 12-volt car battery, 230-volt mains power and gas. Enjoy maximum mobility with this top quality absorption fridge.



Pull-out telescopic handle and sturdy wheels for convenient transport

**Dometic CombiCool RC 4000 EGP**  
Absorption cooler for 12 volts, 230 volts and gas



<b>Gross capacity</b>	33 litres	
<b>Energy supply</b>	230 volts AC 12 volts DC Gas	
<b>Input rating</b>	230 volts/12 volts Gas	80 watts 9.5 g/h
<b>Consumption</b>	230 volts 12 volts Gas min./max.	1.40 kWh/24 h 160 Ah/24 h 156/230 g/24 h
<b>Cooling capacity</b>	up to 30°C below ambient temperature	
<b>Insulation</b>	Full foam insulation in CFC-free polyurethane foam	
<b>System</b>	Absorption cooling	
<b>Material</b>	Injection-moulded plastic housing	
<b>Colour</b>	Grey	
<b>Weight</b>	16 kg	
<b>Quality features</b>	Piezo ignition, thermostat regulation in 230-volt mode, min-max regulation in gas mode, capacity for up to 56 cans [330 ml] or 10 large bottles [1.5 litres], vertical space for 1.5- and 2-litre bottles, ice cube tray, recessed grips, flat evaporator, sturdy cabinet, practical net pocket for magazines and accessories, pull-out telescopic handle, sturdy wheels	
<b>Test mark</b>	Certified to European Gas Appliance Directive 90/396/EEC	

Product	Ref. No.
CombiCool RC 4000 EGP, 50 mbar	9105200017 D, CH, A
CombiCool RC 4000 EGP, 30 mbar	9105200018 DK, FI, N, S
CombiCool RC 4000 EGP, 28–37 mbar	9105200019 F, I, E, NL
CombiCool RC 4000 EGP, 28–37 mbar	9105200020 UK

More country-specific models on request.

Up to 30°C below ambient temperature

12/230 volts

Gas

Sturdy wheels and pull-out telescopic handle

Two net pockets for accessories

Ice cube tray included

**Noiseless operation**



Recessed carrying grips for convenient transport by hand



Large, sturdy wheels



Spacious net pockets for accessories



Storage capacity: 10 1.5 litre bottles or 56 330 ml cans



The special lid construction of the RC 4000 EGP eliminates the need for a gasket



Evaporator provides space for an ice cube tray



Min-max regulation in gas mode, piezo ignition, thermostat regulation in 230-volt mode



Handy organiser for connection cables



Refrigeration  
and  
deep-freezing

# Compressor cooling

Powerful and durable

Even at extreme outside temperatures

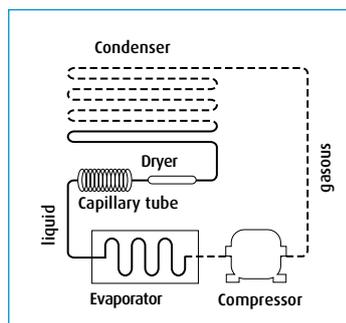
**Excellent cooling performance regardless of the ambient temperature, versatile use – these are the distinguishing features of a compressor cooler.** Choose from a large and well-proven range that leaves nothing to be desired. It extends from low-cost 230-volt basic models to built-in coolers for kitchenettes. All units are designed for mobile use and are as powerful as a domestic fridge.

- | **Most powerful and most durable cooling** in mobile and “stationary” use
- | **Excellent cooling performance** even at extreme ambient temperatures
- | **Suitable for deep-freezing**
- | **Energy saving and superbly quiet operation**
- | **Impeccable operation in inclined position**
- | **Suitable for operation with a solar panel**

## Compressor technology

Compressor cooling appliances work with a CFC-free refrigerant that changes from liquid to gas as it flows through the evaporator. In the process the evaporator extracts heat from the refrigeration compartment – it’s getting cold. The compressor draws in the gaseous refrigerant, compresses it and passes it on to the condenser. Here, the absorbed heat is released to the atmosphere. The refrigerant changes to the original liquid state and flows back to the evaporator, where the cycle starts again.

- | **Problem-free operation with 12/24 volts DC or 12/24 volts and 100 – 240 volts AC**
- | **Refrigeration and deep-freezing**
- | **Excellent cooling performance even at extreme outside temperatures**
- | **Minimal power consumption**
- | **Integrated battery protection**
- | **Ideal for solar operation**



## High-performance basic cooler

Excellent cooling and freezing performance regardless of the ambient temperature. Sturdy, functional, energy-saving, 40 litres capacity. Connection to 230 VAC mains socket – ideal for camping, leisure or as a stand-by freezer at home.

### WAECO CoolFun CK

Pages 32 – 33



CoolFun CK-40D

## Super-compact compressor coolers

Favourably priced entry-level compressor coolers. With performance and handling qualities that will ensure you will enjoy their benefits for years to come. Refrigeration and deep-freezing, 10.5 to 23 litre capacity. In addition, they feature a compact design which fits where others won't.

### WAECO CoolFreeze CDF

Pages 34 – 37



CoolFreeze CDF-11

CoolFreeze CDF-18

CoolFreeze CDF-25

## High-tech coolers

Pages 38 – 42

Unbeatable performance in all mobile applications. Excellent cooling and deep-freezing even at extreme ambient temperatures. Compact dimensions, energy-saving and quiet operation. Available in sizes from 31 to 106 litres, for 12/24 volts DC and 100 – 240 volts AC.

### WAECO CoolFreeze CF



CoolFreeze CF-35

CoolFreeze CF-40

CoolFreeze CF-50

CoolFreeze CF-60

CoolFreeze CF-80

CoolFreeze CF-110

## Fridge/freezer with rechargeable battery

Super-cool – even if there's no external power available. Up to 18 hours independent operation with integrated battery, which can be recharged from the vehicle battery or a mains socket (optional mains adapter). With mains priority circuit and other comfort features.

### WAECO CoolFreeze CF

Page 43



CoolFreeze CF-32UP

## Built-in coolers

WAECO CoolMatic CB built-in coolers are opened from the top. Featuring detachable cooling units, they are extremely compact and therefore ideal for installation in kitchenettes or benches.

### WAECO CoolMatic CB

Pages 48 – 49



CoolMatic CB-36



CoolMatic CB-40



## For camping, home and leisure

Powerful compressor cooler for 230 volts



This portable fridge not only cools your drinks, it will keep frozen food reliably "on ice". The temperature is continuously variable from  $+10^{\circ}\text{C}$  to  $-15^{\circ}\text{C}$ .

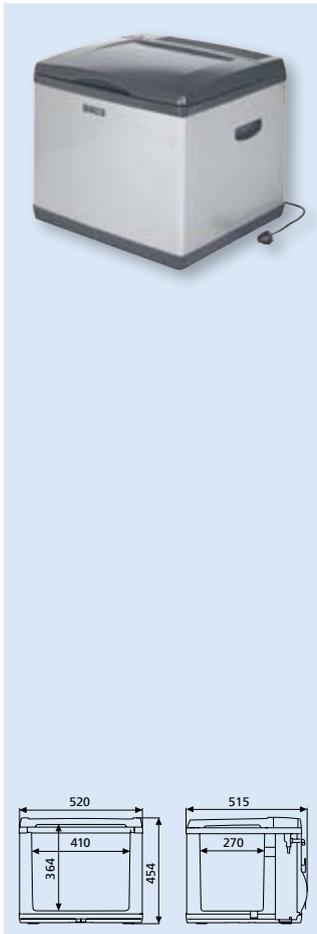
The WAECO CoolFun CK-40D compressor cooler can be a genuine alternative to an absorption unit. Ready for operation on 12 volts, 230 volts or gas, absorption coolers are very flexible in use. However, their cooling performance will largely depend on the ambient temperature.

The **CoolFun CK-40D**, by contrast, provides **extraordinary energy efficiency** even at high outside temperatures. It is the best choice if you are looking for a portable **230-volt cooler** with excellent performance and **low power consumption**.

**WAECO CoolFun CK-40D**

High-performance compressor cooler for 230 volts

4.21



<b>Gross capacity</b>	approx. 40 litres
<b>Voltage</b>	230 volts AC
<b>Power consumption</b>	approx. 75 watts
<b>Average running time</b>	20% at +20°C ambient temperature 25% at +32°C ambient temperature both at +5°C interior temperature
<b>Temperature range</b>	+10°C to -15°C
<b>Insulation</b>	CFC-free polyurethane foam
<b>System</b>	Powerful AC compressor, aluminium rollbond evaporator, statically ventilated wire tube condenser
<b>Material</b>	Cabinet in coated sheet steel Base and upper components in plastic
<b>Colour</b>	Silver/anthracite
<b>Weight</b>	approx. 22 kg
<b>Quality features</b>	Refrigeration and deep-freezing, electronic thermostat with digital temperature display, wear-free refrigeration circuit, lid with all-round rubber seal and magnetic closure, quick-chill functionality thanks to powerful AC compressor and extra-strong insulation
<b>Test marks</b>	CE, TÜV/GS



**Temperature range**  
+10°C to -15°C



**230 volts AC**

**With digital temperature display**

**Powerful AC compressor**



**at +5°C interior temperature and +25°C ambient temperature**

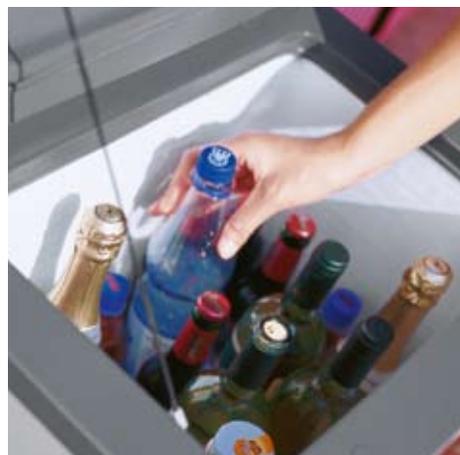
Product	Ref. No.
CoolFun CK-40D	CK-40D-230

**Cooler and freezer all in one:** for indoors or out, every day and holiday

The multi-purpose fridge/freezer CoolFun CK-40D is a **highly efficient** quick chiller. It comes with a **powerful AC compressor, extra-strong insulation and an all-round rubber seal**. The cooling temperature is continuously variable from +10°C to -15°C. Wear-free refrigeration circuit. Ready for connection to 230 volts.



Easy-to-read digital temperature display



Room for it all:  
even for 2-litre bottles standing upright



Safe storage of sensitive food:  
deep-freezing up to -15°C



## Ice-cold mobility!

Slimline compressor coolers at nice prices

The three coolers in the WAECO CoolFreeze CDF series like to travel as much as you do. And are as hassle-free to handle as a thermoelectric cooler. Its remarkably low weight, shoulder strap, and carry handle/s make it absolutely “portable” and ready to go anywhere. And stowage won’t ever be a problem: the highly compact design means it will fill any niche perfectly. Additional plus points really start to add up when it comes to performance: refrigeration and deep-freezing up to  $-18^{\circ}\text{C}$  with minimal energy consumption! And the pricing? So convincing that you won’t be able to resist ...

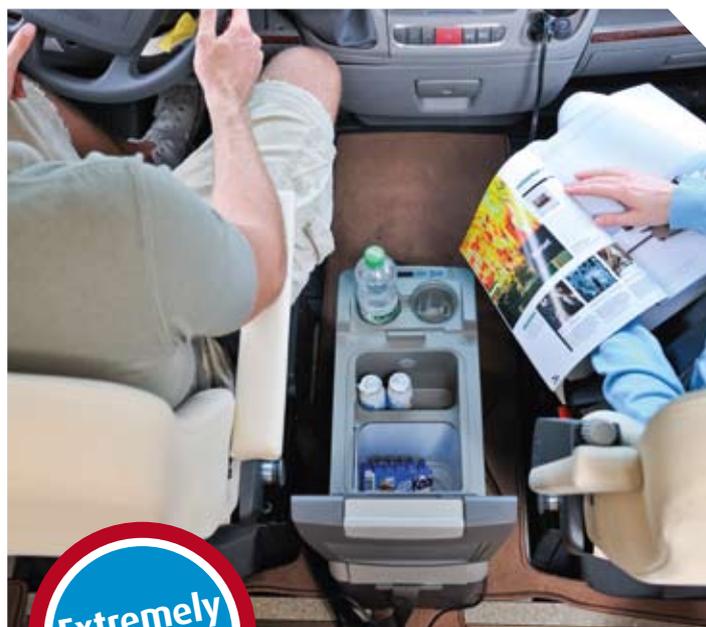
### The benefits of the WAECO CoolFreeze CDF at a glance:

- › **Excellent cooling and deep-freezing** even at extreme outside temperatures
- › **Slim, slender design**
- › **Very comfortable to carry**
- › **Energy saving and superbly quiet operation**
- › **Impeccable operation in inclined position**
- › **12/24 volts DC**
- › 230-volt connection with low-priced mains adapter
- › **Suitable for operation with a solar panel**

## The compressor sensation

All the advantages now available in pocket-size format!

The WAECO CoolFreeze CDF-11, which is suitable for deep-freezing, represents a new era in the world of compressor coolers. And that in a size which previously seemed impossible. As incredibly compact as a thermoelectric BordBar and therefore an optimum fit – in corners, cabinets and in (towing) vehicles – strapped in on the passenger or rear seat. 10.5 litre volume, refrigeration and deep-freezing down to  $-18^{\circ}\text{C}$ , regardless of high ambient temperatures. Only 8.8 kg in weight, and the shoulder strap makes it comfortable to carry.

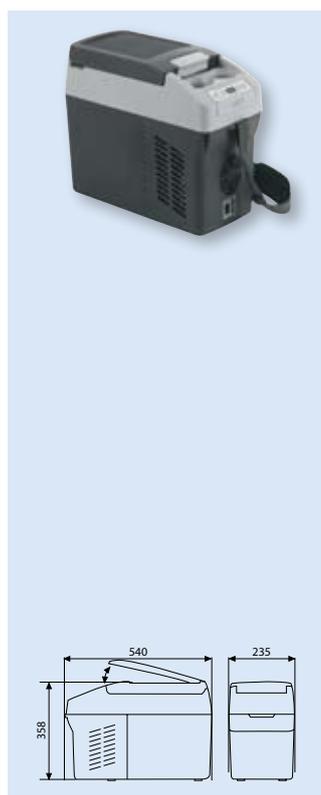


Extremely compact

### WAECO CoolFreeze CDF-11

Portable compressor cooler for refrigeration and deep-freezing

4.29



<b>Gross capacity</b>	approx. 10.5 litres
<b>Voltage</b>	12/24 volts DC
<b>Power input</b>	approx. 30 watts
<b>Temperature range</b>	+10°C to $-18^{\circ}\text{C}$ , continuously variable via electronic thermostat
<b>Power consumption</b>	0.36 kWh/24 h
<b>Insulation</b>	CFC-free polyurethane foam
<b>System</b>	Compressor with integrated control electronics, low voltage protection (can be disabled), electronic fuse/automatic reverse pole protection
<b>Material</b>	Housing and lid PP
<b>Colour</b>	Pale grey/dark grey
<b>Weight</b>	approx. 8.8 kg
<b>Quality features</b>	Electronic thermostat with digital temperature display, 3-stage battery monitor, LED interior light, adjustable shoulder strap, two drink holders, easy and secure fastening with the vehicle safety belt
<b>Scope of delivery</b>	DC connection cable
<b>Test mark</b>	CE, e-approved to 2006/28/EC (Automotive EMC Directive)

NEW



Temperature range  
+10°C to  $-18^{\circ}\text{C}$



Suitable for  
solar operation

Extremely compact  
design

Two integrated  
drink holders

Securely fastened in a  
vehicle using the  
vehicle's own seat belts

230-volt connection  
with low-priced  
mains adapter  
(pages 90 – 93)

Product	Ref. No.
CoolFreeze CDF-11	9105100007
<b>Optional extras:</b> Mains adapter 230 V > 24 V	EPS-100W



Two practical drink holders, convenient access with one hand



Enough room for the day's provisions, extra compartment for small snacks



Display with digital temperature readout



Connection cable for 12/24 volts DC, battery monitor can be disabled

## Compressor cooling "light"

Fridge and freezer all in one

Another "flyweight": the WAECO CoolFreeze CDF-18 is also remarkably light for a compressor cooler. At just 11.5 kg, it is extremely comfortable to transport using the sturdy carry handle. Thanks to optimised interior and exterior dimensions, the cooler provides a whopping 18 litre capacity and easily holds 2-litre bottles. In terms of performance, the CDF-18 qualifies as a true heavyweight: refrigeration and deep-freezing up to  $-18^{\circ}\text{C}$  with minimal energy consumption!



The truly portable fridge/freezer

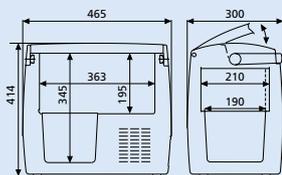
### WAECO CoolFreeze CDF-18

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 $+20^{\circ}\text{C}$ ambient temperature 18% at $+32^{\circ}\text{C}$ ambient temperature both at $+5^{\circ}\text{C}$ interior temperature
<b>Power consumption</b>	Power input x average running time
<b>Temperature range</b>	$+10^{\circ}\text{C}$ to $-18^{\circ}\text{C}$ , continuously variable via electronic thermostat
<b>Insulation</b>	CFC-free PU foam
<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>	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)



Temperature range  
 $+10^{\circ}\text{C}$  to  $-18^{\circ}\text{C}$



Suitable for  
solar operation

Energy saver:  
short running times with  
reinforced insulation:  
consumes only  
0.29 Ah/h to reach  $+5^{\circ}\text{C}$   
interior temperature  
at  $+20^{\circ}\text{C}$  ambient  
temperature

Insulating protective  
cover as accessory  
(page 45)

230-volt connection  
with low-priced  
mains adapters  
(pages 90 - 93)

Product	Ref. No.
CoolFreeze CDF-18	9105100002
<b>Optional extras</b>	
Mains adapter 230 V $\rightarrow$ 24 V	EPS-100W
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: with its tall and slim design, the WAECO CoolFreeze CDF-25 effortlessly slides into narrow gaps and niches in your (recreational) vehicle. It can be secured in place by a fixing kit – available as an optional extra. It is convenient to transport and provides 23 litres capacity for refrigeration or deep-freezing. Power consumption? Minimal. All in all, a cool insider tip for price-conscious buyers!



Extremely economical!

### WAECO CoolFreeze CDF-25

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 PU foam
<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, interior light
<b>Scope of delivery</b>	DC connection cable, detachable wire basket
<b>Test marks</b>	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)



Temperature range  
+10°C to -18°C

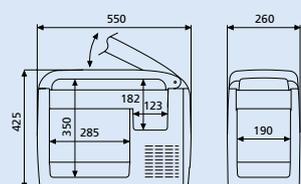


Suitable for  
solar operation

Slim body –  
minimal space  
consumption

Insulating protective  
cover and fixing kit as  
accessories  
(pages 44 – 45)

230-volt connection  
with low-priced  
mains adapters  
(pages 90 – 93)



Product	Ref. No.
CoolFreeze CDF-25	9105100003
<b>Optional extras</b>	
Mains adapter 230 V > 24 V	EPS-100W
Universal fixing kit	UFK-C
Insulating protective cover	IC-CF-25



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



## Premium boxes for all applications

### High-tech unlimited

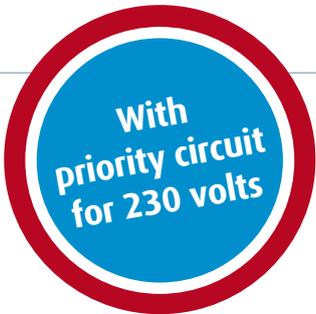
Compressor technology at its best – that's the term used to describe the **CoolFreeze series coolers CF-35 to CF-110**. **The high-performance appliances can be operated on almost any mains network**. Whether 12, 24, 100 or 240 volts – the integrated power supply unit recognises each voltage and adjusts itself accordingly.

CoolFreeze CF series coolers feature optimised dimensions and are easy to transport. Their generous capacity makes them ideal for use in motorhomes and caravans, on boats or yachts – wherever mobile refrigeration is required.

Optional accessories include **fridge slides** for convenient slide-out access and a **fixing kit** for a firm and secure hold in the vehicle.

**CoolFreeze CF-35 to CF-110 – the significant benefits at a glance:**

- › **CF special electronics with digital temperature display**
- › **12/24 volts DC and 100 – 240 volts AC**
- › **Excellent cooling performance** even at extreme ambient temperatures
- › **Deep-freeze functionality**
- › **Energy saving and superbly quiet operation**
- › **Impeccable operation in inclined position**
- › **Suitable for operation with a solar panel**



With  
Priority circuit  
for 230 volts



CoolFreeze CF-35

CoolFreeze CF-40

CoolFreeze CF-50

NEW! CoolFreeze CF-60

CoolFreeze CF-80

CoolFreeze CF-110

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

The six 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 display 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  $-12^{\circ}\text{C}$  has been set, the turbo cooler switches on automatically to boost the compressor speed. As soon as a preset temperature up to  $-12^{\circ}\text{C}$  has been reached, the system switches back to economy mode (except if a temperature below  $-12^{\circ}\text{C}$  has been set).

**The outcome:** fast yet economical cooling from  $+10^{\circ}\text{C}$  to  $-18^{\circ}\text{C}$ .



Standard interior light for a clear overview in the dark



Ready for connection to 12/24 volts DC and 100 – 240 volts AC with mains priority circuit



A smart organiser: detachable wire basket (all models except CF-35); CF-40/CF-50: wire basket with grid divider

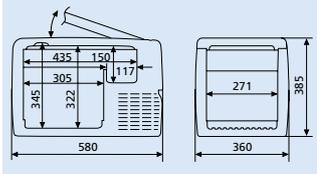


Convenient transport with ergonomically shaped recessed grips and sturdy, detachable handles

› Fridge slides and fixing kit as accessory (p. 44) › Insulating protective covers as accessory (p. 45)

## WAECO CoolFreeze CF-35

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



<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 PU foam
<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. 39)
<b>Scope of delivery</b>	DC and AC connection cables, evaporator grille, detachable carrying handles
<b>Test marks</b>	CE, 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

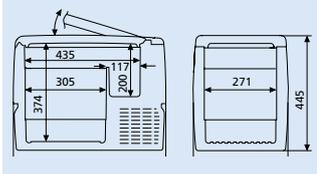


12/24 volts DC and  
100 – 240 volts AC

Protective cover, fridge  
slides and fixing kit  
as accessories  
(pages 44 – 45)

## WAECO CoolFreeze CF-40

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



<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 PU foam
<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. 39)
<b>Scope of delivery</b>	DC and AC connection cables, removable wire basket, detachable carrying handles
<b>Test marks</b>	CE, 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

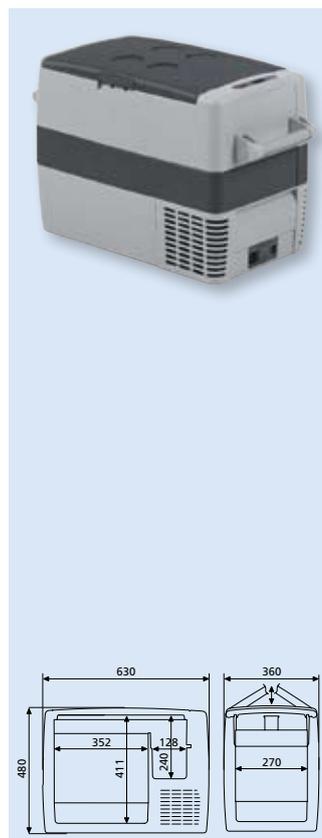
CF special electronics  
with soft start and  
turbo cooler



**WAECO CoolFreeze CF-50**

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

4.10



<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 PU foam
<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. 39)
<b>Scope of delivery</b>	As for CF-40
<b>Test marks</b>	CE, 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

**WAECO CoolFreeze CF-60**

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



<b>Gross capacity</b>	approx. 59 litres (51 l for refrigeration/deep-freezing, 8 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 foam
<b>System</b>	see CF-35
<b>Material</b>	Cabinet: PP; lid: PE
<b>Colour</b>	Body: pale grey/dark grey; lid: dark grey
<b>Weight</b>	approx. 21.6 kg
<b>Quality features</b>	Detachable lid (plug-in lid mount, variable left/right), interior light, vertical space for 2-litre bottles, CF special electronics with soft start and turbo cooler (p. 39)
<b>Scope of delivery</b>	DC and AC connection cables, removable wire basket, detachable carrying handles
<b>Test marks</b>	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

Product	Ref. No.
CoolFreeze CF-60	CF-060AC
<b>Optional extras</b>	
Fridge slide, long	SLD-060
Fridge slide, wide	SLD-060W
Universal fixing kit	UFK-C
Insulating protective cover	IC-CF-60



**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 (pages 44 – 45)**

**CF-50/CF-60: Detachable lid, folds up transversely, variable lid mounts**



**CF special electronics with soft start and turbo cooler**

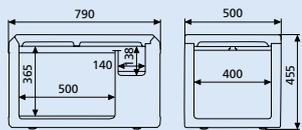


## WAECO CoolFreeze CF-80

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



<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. 39)
<b>Scope of delivery</b>	DC and AC connection cables, removable wire basket, detachable carrying handles
<b>Test marks</b>	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)



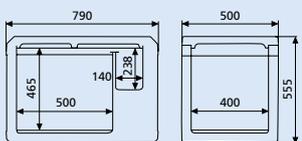
Product	Ref. No.
CoolFreeze CF-80	CF-080AC
<b>Optional extras:</b> Fridge slide, long	SLD-110
Fridge slide, wide	SLD-110W
Insulating protective cover	IC-CF-80

## WAECO CoolFreeze CF-110

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



<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. 39)
<b>Scope of delivery</b>	DC and AC connection cables, removable wire basket, detachable carrying handles
<b>Test marks</b>	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)



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



Temperature range  
+10°C to -18°C



Suitable for  
solar operation



12/24 volts DC and  
100 – 240 volts AC

Jumbo coolers  
for personal and  
professional use

Fridge slides and  
protective covers  
as accessories  
(pages 44 – 45)

CF special electronics  
with soft start and  
turbo cooler



## Truly independent

Integrated battery-run fridge/freezer

Tried-and-tested on Australia's most beautiful and loneliest beaches – and now available here: the CoolFreeze CF-32UP provides refrigeration and deep-freezing up to  $-18^{\circ}\text{C}$ . And that's for up to 18 hours without an external power supply!

Far from civilisation and even from your vehicle, the required power is delivered by the **integrated battery** in the compressor cooler. It is charged from the 12- or 24-volt car battery or the mains before use and simply switched on when necessary. The matching mains adapter comes as a separate accessory.



18 hours  
cooling without  
power supply

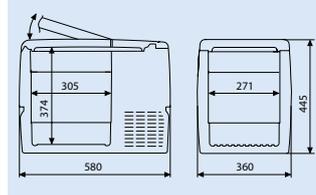
### WAECO CoolFreeze CF-32UP

Compressor cooler/freezer with rechargeable battery

4.10



<b>Gross capacity</b>	approx. 31 litres
<b>Voltage</b>	12/24 volts DC
<b>Power input</b>	approx. 45 watts (cooling only) approx. 72 watts (cooling and charging)
<b>Charging time</b>	12 to 15 hours
<b>Operation with battery</b>	Up to 18 hours with fully charged battery at $+5^{\circ}\text{C}$ interior and $+32^{\circ}\text{C}$ ambient temperature
<b>Average running time</b>	18% at $+20^{\circ}\text{C}$ ambient temperature 22% at $+32^{\circ}\text{C}$ ambient temperature both at $+5^{\circ}\text{C}$ interior temperature
<b>Power consumption</b>	Power input x average running time
<b>Temperature range</b>	$+10^{\circ}\text{C}$ to $-18^{\circ}\text{C}$ , continuously variable via electronic thermostat with digital temperature display
<b>Insulation</b>	CFC-free PU foam
<b>System</b>	Fully hermetic Danfoss BD35F compressor with integrated control electronics, low-voltage protection, 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. 24 kg
<b>Quality features</b>	Intelligent battery monitor to prevent excessive discharging of the vehicle battery, display with digital temperature readout, temperature adjustable with two buttons in $1^{\circ}\text{C}$ steps, simultaneous charging and cooling, battery charging state indicated by LED, battery low warning
<b>Scope of delivery</b>	DC connection cable, wire basket, detachable carrying handles
<b>Test marks</b>	CE, TÜV/GS, E-approved according to UN-ECE R10 directive



Product	Ref. No.
CoolFreeze CF-32UP	9105100001
<b>Optional extras</b>	
Mains adapter 110 – 240 V > 24 V	MPS-50
Fridge slide, long	SLD-060
Fridge slide, wide	SLD-060W
Universal fixing kit	UFK-C



Temperature range  
 $+10^{\circ}\text{C}$  to  $-18^{\circ}\text{C}$



Suitable for  
solar operation

With integrated battery  
for up to 18 hours  
operation without  
external power

Fridge slides and  
fixing kit as  
accessories  
(pages 44 – 45)

230-volt connection  
with low-priced  
mains adapters  
(pages 90 – 93)



An extra control panel  
for the battery:  
ON/OFF switch,  
LED display showing the  
battery charging state

## Fridge slides, long and wide version

For CoolFreeze CF-32UP / CF-35 / CF-40 / CF-50 / CF-60

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

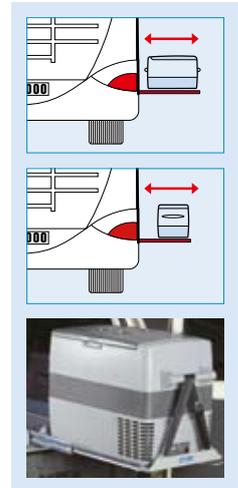
4.10



<b>Material/Colour</b>	Powder coated metal / grey
<b>Weight</b>	11.5 kg
<b>Dimensions (W x H x D) mm</b>	<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

**Quality features** 50 kg max. load capability, tie-down straps included in the set

Product	Ref. No.
Fridge slide, long for CF-32UP / CF-35 / 40 / 50 / 60	SLD-060
Fridge slide, wide for CF-32UP / CF-35 / 40 / 50 / 60	SLD-060W



## Fridge slides, long and wide version

For CoolFreeze CF-80 / CF-110

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

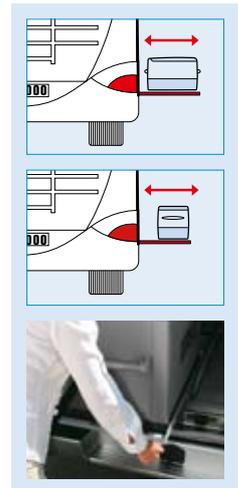
4.10



<b>Material/Colour</b>	Powder coated metal / grey
<b>Weight</b>	19.4 kg
<b>Dimensions (W x H x D) mm</b>	<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** 100 kg max load capability, tie-down straps included in the set

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

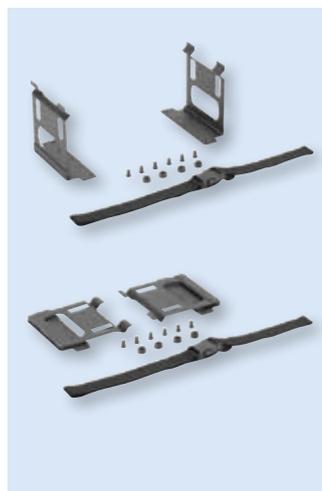


## Universal fixing kit

For CoolFreeze CDF-25, CF-32UP, CF-35, CF-40, CF-50, CF-60

For fastening of WAECO CoolFreeze coolers in vehicles

4.10



<b>Material</b>	Powder coated metal
<b>Colour</b>	Black
<b>Scope of delivery</b>	Two frame sections, adjustable strap with snap lock, set of screws

Product	Ref. No.
Universal fixing kit	UFK-C

For a firm and secure hold in the vehicle



# Protective covers for CoolFreeze coolers

The functional all-round protection for your coolers

Does the zest for outdoor adventure take you over rough terrain at times? Go ahead, the **insulating protective cover** makes your CoolFreeze cooler fit for tough challenges. The cover protects the valuable appliance from moisture, dust and dirt. It also provides effective insulation, improving the unit's cooling capacity by a full 2°C – at the same energy consumption. The robust and functional all-round protection is available for CoolFreeze models CDF-18 /25 and CF-35 to CF-110.



## Insulating protective covers

For CoolFreeze CDF-18, CDF-25, CF-35, CF-40, CF-50, CF-60, CF-80, CF-110

4.10



<b>Material, outside</b>	High-quality silver-grey Oxford nylon, lid and base in robust, rubber coated, black nylon
<b>Material, inside</b>	Aluminium coated polyester
<b>Colour, sides</b>	Silver grey
<b>Colour, lid and base</b>	Black
<b>Quality features</b>	Detachable lid and base, outside pockets to store small items, four fixing rings to secure the box safely in the vehicle

**Extra protection and insulation for your cooler**

Product	Weight (kg)	Ref. No.
Protective cover for CoolFreeze CDF-18	approx 1.0	IC-CF-18
Protective cover for CoolFreeze CDF-25	approx 1.1	IC-CF-25
Protective cover for CoolFreeze CF-35	approx 1.3	IC-CF-35
Protective cover for CoolFreeze CF-40	approx 1.5	IC-CF-40
Protective cover for CoolFreeze CF-50	approx 2.0	IC-CF-50
Protective cover for CoolFreeze CF-60	approx 2.0	IC-CF-60
Protective cover for CoolFreeze CF-80	approx 2.2	IC-CF-80
Protective cover for CoolFreeze CF-110	approx 2.4	IC-CF-110



Direct access to the controls ...



... and connection sockets



Practical outside pockets for small items



Top insulation in aluminium coated polyester



## Built-in coolers for mobile kitchens

Cooling comfort in confined spaces

**There's no space left on board your motorhome or yacht to accommodate a refrigerator?** Take a look at CoolMatic CB, two built-in coolers specifically designed for permanent fitting in confined spaces. Where height and width is limited, they use the depth of the cupboard space instead. In this way, they make optimum use of the available space, while perfectly matching the design of the interior.

A smart solution in confined spaces: the cooling unit can be fitted to the side of the cooler (left/right), or up to 1.5 metres away.

### CoolMatic CB-36 / CB-40

A matching built-in cooler for every demand:

**CoolMatic CB-36** and **CB-40** with **36 or 40 litres** volume for **refrigeration and deep-freeze cooling**. Both units owe their **extraordinary performance** to the tried and tested **Danfoss BD35F compressor**. This high-tech compressor ensures **minimal power consumption, impeccable operation in inclined positions and superbly quiet running**.

Designed for **connection to 12/24 volts** (automatic switch-over), the appliances are perfectly suited for operation with a solar unit. The energy required for cooling can just as easily come from the mains hook up. All you have to do is connect the low-priced mains adapter.



## WAECO CoolMatic CB-36 / CB-40

Built-in coolers for mobile kitchens

4.12



	CB-36	CB-40
<b>Gross capacity</b>	approx. 36 litres	approx. 40 litres
<b>Voltage</b>	12/24 volts DC	
<b>Average Power consumption</b>	approx. 45 watts	
<b>Average running time</b>	15% at +20°C ambient temperature, 25% at +32°C ambient temperature, both at +5°C interior temperature	17% at +20°C ambient temperature, 27% 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>	From normal refrigeration to **-deep-freezing	
<b>Insulation</b>	40 mm solid polyurethane foam	
<b>System</b>	Fully hermetic Danfoss BD35F compressor with integrated control electronics, low-voltage protection, electronic fuse/automatic reverse pole protection, detachable cooling unit (1.5 m supply cable), three-sided, statically ventilated wire tube condenser mounted on a base plate foamed tublar evaporator fitted inside (invisible)   foamed aluminium rollbond evaporator (invisible)	
<b>Material</b>	Outside: zinc coated sheet steel, inside: stainless steel, base: shock-resistant plastic	
<b>Colour</b>	Body: grey, decor panel: pale grey	
<b>Weight</b>	18.5 kg	20.0 kg
<b>Quality features</b>	Separate lid inside with sealing and insulation	
<b>Test marks</b>	CE, e-approved according to 2006/28/EC (Automotive EMC Directive)	

Product	Ref. No.
CoolMatic CB-36	CB-036
CoolMatic CB-40	CB-040
<b>Optional extras</b>	
Mains adapter 230 V > 24 V	EPS-100W
Mains adapter 110 – 240 V > 24 V	MPS-35



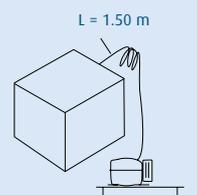
From normal refrigeration to \*\* -deep-freezing



Suitable for solar operation

Cool solutions in confined spaces

Room for 2-litre bottles standing upright



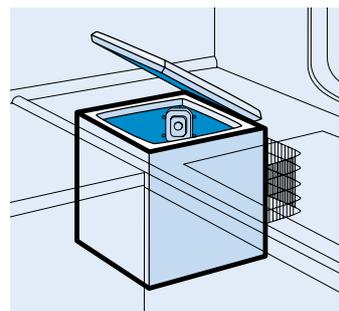
Detachable cooling unit (1.5 m supply cable)

230-volt connection with low-priced mains adapters (pages 90 – 93)

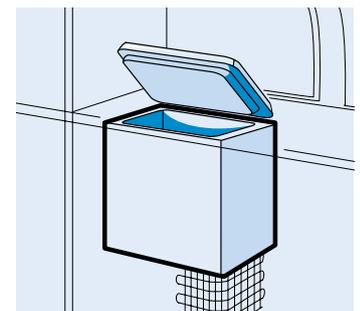
## Compact and adaptable

One of them is bound to fit the space: the CoolMatic CB-36 with the cooling unit attached to the side, or the CB-40 with the attachment underneath. Where space is restricted, the cooling units can be detached and installed up to 1.5 m away.

For elegant aesthetics, the lids can be supplied with decors to match the interior design of your onboard kitchen.



Plenty of space lengthwise? Then take the CB-36 with the cooling unit attached to the side.



Space to spare in the depth? That makes the CB-40 the ideal solution.



## Cool convenience on board

Refrigerators for your motorhome or caravan

### Two powerful cooling systems, each with a different emphasis:

Are you in the market for a new motorhome refrigerator? Choose from the most comprehensive range currently available.

For a better overview: the Dometic brand is synonymous with noiseless, efficient absorption refrigerators that can also be operated using gas. Compressor technology is found in WAECO brand refrigerators,

which are distinguished by their low energy consumption and are outstandingly suited to solar operation.

We provide both cooling systems in a wide range of different models. A solution which is tailor made for you and your recreational vehicle is bound to be among them!

# Maximum independence

## Refrigeration with gas and electricity

### Absorption refrigerators for greater freedom on the move

Do you always know where your journey will take you? You don't have to when you have a Dometic absorption refrigerator on board. It can easily cope with three different power sources. When you are far away from civilisation gas operation is recommended so as not to run down the vehicle battery. If a mains connection is available – all the better. Another huge advantage to Dometic absorption refrigerators: they are completely silent.



Gas operation



230-volt connection



12-volt connection

# High performance cooling ...

## ... even in the hottest conditions

### Compressor refrigerators – supercool in every situation

The legendary performance and reliability of WAECO compressor refrigerators is due to the high-tech Danfoss compressors built into all of its models. They ensure faultless service even when faced with tropical temperatures or inclined positions. All this at minimal energy consumption – WAECO compressor refrigerators are both efficient and quiet. They are ready for connection to 12/24 volts and supplied with a rectifier for mains operation. Alternatively you can tap into the sun's energy as they are ideally suited for solar operation.



12/24-volt connection



## Absorption refrigerators



Noiseless, durable, ready for use anywhere

**Tailor-made models for recreational vehicles, awnings, holiday homes**

**A long history of unparalleled success lies behind Dometic's absorption refrigerators. They have been the first choice in original fittings for leading motorhome manufacturers for decades now.** For good reason: thanks to a design that avoids the use of moving parts, they are completely silent, highly resistant to wear and tear, and easy to maintain.

Other advantages are ease of use and the freedom they afford camping and caravanning enthusiasts. With a choice of power options – battery, mains current or gas – and the widest possible range of models, anything and everything is possible with a Dometic absorption refrigerator.

## For awnings, hunting cabins, holidays homes

The free-standing absorption refrigerators even work in places without a mains supply. Because alongside electricity, they can also use gas as their energy source. Moreover, they also boast perfect interior features – just like your fridge at home.

### **Dometic** CombiCool / RGE

Pages 52 – 55



CombiCool RF 60



RGE 2000



RM 122



RM 123

## The slim size for old and new campervans

Well proven classics: the smallest RV absorption refrigerators ever built. A perfect fit for the tight kitchenettes of most campervan, old or new. Available in two versions: for gas and 12 volts, or for gas, 12 volts and 230 volts.

### **Dometic** RM 122 / RM 123

Pages 56 – 57

## The fridges of the future

Pages 58 – 69

They are here – the motorhome fridges of tomorrow! The 8-series from Dometic combines contemporary product design with maximum efficiency. **The removable freezer compartment** is the first of its kind in the world and the subject of an exclusive patent. Large décor panels lend the refrigerators a unique furniture character. Available in various design options to suit specific demands. Capacities from 80 to 190 litres, with or without wheel arch cut-out.

### **Dometic** 8-Series



RMS 8500



RM 8505



RMD 8555

## The classic models

Pages 70 – 75

The compact refrigerators in the legendary 4-series have been installed in millions of caravans and motorhomes around the world! Their optimised exterior dimensions conceal a surprisingly spacious interior. Available in capacities from 40 to 97 litres.

### **Dometic** 4-Series



RM 4181 M



RM 4211 LM



RM 4401 LM



## Fridges for awnings and holiday cottages

**The free-standing absorption refrigerators from Dometic give you all the comforts of home. Take a look inside: everything is tidy and in its place thanks to the well thought-out interior.**

Storage compartments, adjustable shelves, freezer compartment and multi-purpose boxes included in all larger-size models – just like your fridge at home. Though the absorption fridges have one significant advantage over domestic models – they can be gas operated. This is a major advantage when you are

right off the beaten track and mains power. Another pleasant feature is their silent running. They won't disturb your sleep even if your bed is right next to the fridge. Designed for use in holiday cottages, log cabins, outward bound centres and under awnings.

## Free-standing absorption refrigerators

Page 54

Hassle-free operation on 12 volts, 230 volts and gas. Powerful refrigeration performance up to 30°C below ambient temperature. Compact cabinet for easy transport. Functional interior with adjustable shelves.

### **Dometic** CombiCool



Gas operation



230-volt connection



12-volt connection



CombiCool RF 60

## Free-standing 2-way absorption refrigerator

Page 55

Generous cooling capacity, large freezer compartments. Operation with 230-volt mains power and gas. Well thought-out interior with home-style features. Cooling performance up to 30°C below ambient temperature; up to -12°C in the freezer compartment.

### **Dometic** RGE



Gas operation



230-volt connection



Dometic RGE 2000

## Powered by a dream team trio: Refrigerator for 230 V, 12 V, gas

**Mobile, convenient, versatile: the Dometic CombiCool RF 60 absorption refrigerator is a cool tip for camping and caravan enthusiasts. Its particular strength is its ability to transform three energy sources [12 volts, 230 volts or gas] into amazing cooling power.**

So flexible you can easily take it to wherever you need a refrigerator: to the awning, the patio, or to the summer-house. The CombiCool RF 60 has a spacious 60-litres interior – well equipped like your fridge at home.

Absorption refrigeration works noiselessly. Therefore, the RF 60 won't disturb anyone's sleep, even if it's placed close to a bed. Enjoy your sleep and have a great day starting with a fresh breakfast!

### Dometic CombiCool RF 60

Absorption refrigerator for 12 volts, 230 volts and gas

4.27



<b>Gross capacity</b>	approx. 60 litres	
<b>Energy supply</b>	230 volts AC 12 volts DC Gas	
<b>Input rating</b>	230 volts/12 volts Gas	110 watts 14.8 g/h
<b>Consumption</b>	230 volts 12 volts Gas min./max.	1.9 kWh/24 h 220 Ah/24 h 325/375 g/24 h
<b>Cooling capacity</b>	up to 30°C below ambient temperature	
<b>Insulation</b>	Full foam insulation in CFC-free polyurethane foam	
<b>System</b>	Absorption cooling	
<b>Material</b>	Cabinet of coated sheet steel, door in high-quality plastic	
<b>Colour</b>	Silver	
<b>Weight</b>	26 kg	
<b>Quality features</b>	Piezo ignition, thermostat regulation in 230-volt and gas mode, two door shelves, adjustable shelves, flame indicator, door locking with vent option	
<b>Test mark</b>	Certified to European Gas Appliance Directive 90/396/EEC	



Up to 30°C below ambient temperature



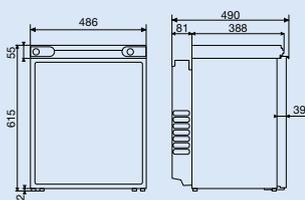
12/230 volts



Gas

Door locking with vent option

Noiseless operation



Product	Ref. No.
CombiCool RF 60, 50 mbar	9105700002 D, CH, A
CombiCool RF 60, 30 mbar supplied with hose, only permitted for use on a gas socket [coupling]	9105700057 D, CH, A
CombiCool RF 60, 30 mbar	9105700003 DK, FI, N, S
CombiCool RF 60, 28–37 mbar	9105700004 F, I, E, NL
CombiCool RF 60, 28–37 mbar	9105700005 UK

More country-specific models on request.

## Dual-energy refrigerators – high performance, ease of use

No power socket in sight? Never mind, because the free-standing absorption refrigerator **DOMETIC RGE 2000** can use alternative power sources. In locations without mains supply they can chill using gas. And without a sound.

And yet they give their all – and can chill to 30°C below ambient temperature. In the freezer compartment the temperature sinks to -12°C. At 97 litres, this appliance

provides the dimensions of a household refrigerator. And is just as well equipped: adjustable shelves, door racks and bottle fingers in the bottom door rack.

### Dometic RGE 2000

Absorption refrigerator for 230 volts and gas

4.28



<b>Gross capacity</b>	97 litres
with freezer compartment	10.5 litres
thereof freezer compartment	
<b>Energy supply</b>	230 volts AC/Gas
<b>Input rating</b>	230 volts 135 watts
Gas	18 g/h
<b>Consumption</b>	230 volts 2.6 kWh/24 h
Gas	270 g/24 h
<b>Cooling capacity</b>	up to 30°C below ambient temperature, freezer compartment up to -12°C
<b>Insulation</b>	Full foam insulation in CFC-free polyurethane foam
<b>System</b>	Absorption cooling
<b>Material</b>	Cabinet: coated sheet steel, door: coated sheet steel
<b>Colour</b>	White
<b>Weight</b>	33.3 kg
<b>Quality features</b>	Ergonomic door handle, door with magnetic seal, variable door mounts, flexible arrangement of shelves, bottom door rack with bottle fingers to hold larger bottles in place, thermostat control, gas operation with piezo ignition, control panel with protection cover for electric and gas thermostat
<b>Test mark</b>	Certified to European Gas Appliance Directive 90/396 EEC



Up to 30°C below ambient temperature



230 volts



Gas

Spacious freezer compartment

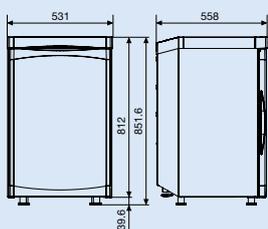
Adjustable door shelves

Bottom door rack with bottle fingers for holding large bottles in place

Adjustable shelves

Variable door hinge

Noiseless operation



<b>Product</b>	<b>Model</b>
Dometic RGE 2000	RGE 2000
Country-specific models on request.	



## The slim size for old and new campervans

Two compact classics that have stood the test of time: Dometic RM 122 and RM 123 absorption fridges are very popular with the owners of vintage campervans, such as VW split screen, bay window or VW T25. The predecessor models they are replacing have been installed millions of times over. Reason enough for many RV wholesalers and dealers in the UK to keep the Dometic classics on stock.

Just 380 mm wide, 440 mm deep and 585 mm tall, Dometic RM 122 and RM 123 are the smallest RV absorption refrigerators ever built worldwide. So they will easily fit in the tight kitchenettes of most campervan conversions, old and new.

Equal in size, weight and capacity, the two compact fridges vary in terms of energy supply and comfort features. The RM 122 piezo ignition model runs on 12 volts DC or gas, while the RM 123 copes with 12 volts DC, gas as well as mains power and comes with an electronic reignition device which automatically relights the flame if it blows out.

### Dometic RM 122 – with Piezo ignition

Absorption refrigerator for 12 volts and gas, single-door model, 380 mm wide

### Dometic RM 123 – with reigniter ignition

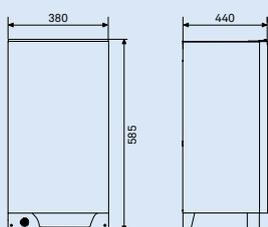
Absorption refrigerator for 12 volts, 230 volts and gas, single-door model, 380 mm wide



RM 122



RM 123



	RM 122	RM 123
<b>Gross capacity</b>	31 litres	
<b>Energy supply</b>	– 12 volts DC 28 mbar butane + 37 mbar propane	230 volts AC/50 Hz 12 volts DC 28 mbar butane + 37 mbar propane
<b>Input rating</b>	230 volts 12 volts Gas	– 75 watts 75 watts 8.6 g/h
<b>Consumption</b>	230 volts/12 volts Gas	1.3 kWh/24 h 140 g/24 h
<b>Cooling capacity</b>	Refrigerator +7°C at ambient temperatures up to 32°C [equivalent to climate class N]	
<b>Insulation</b>	Pentane-blown foam [CFC-/HFC-free]	
<b>Material</b>	Outside cabinet: skin plate Outside frame: polystyrene Inside cabinet: vacuum-moulded polystyrene	
<b>Colour</b>	silver-grey	
<b>Dimensions [W x H x D]</b>	380 x 585 x 440 mm	
<b>Weight</b>	15 kg	
<b>Quality features</b>	Super-compact outside dimensions, door with magnetic seal and security latch, flexible arrangement of shelves <b>RM 122:</b> thermostatic control for gas operation, gas operation with Piezo ignition <b>RM 123:</b> thermostatic control for 230-volt and gas operation, electronic reigniter ignition	
<b>Approvals</b>	Certified to European Gas Appliance Directive 90/396/EEC, e-approved to 2006/28/EC [Automotive EMC Directive]	



Refrigerator +7°C



RM 123:  
12/230 volts



Gas

Slim size – ideal for tight campervan kitchens

RM 122:  
Gas operation with Piezo ignition

RM 123:  
Electronic reigniter ignition

Product	Ref. No.
Dometic RM 122	9105201003
Dometic RM 123	9105202494



RM 8505



- 1** Removable freezer compartment for increased refrigerator capacity
- 2** Flexible arrangement of shelves to suit individual requirements
- 3** Innovative door system
- 4** Control panel with LED display incl. visual alarm signal [MES system] or visual and acoustic alarm signals [AES system]
- 5** Modular freshness system
- 6** 10% less weight with new, extra-light plastic cabinet  
Up to 20% less energy consumption when freezer compartment is removed

## The 8-series: the fridges of the future

Easy to use, stylish and ultra-efficient: the Dometic 8-series sets new standards for absorption refrigerators. Innovative designs and colourful accents transform the high-quality appliances into stylish design pieces. On the outside, décor panels help them blend in with the furniture while the inside is illuminated with energy-efficient LED lights that radiate a pleasantly cool blue light. A host of user-friendly features add the finishing touch.

## Product highlights at a glance



### 1. Removable freezer compartment – patented worldwide innovation

Thanks to an innovative clip system the freezer compartment can be removed quickly and easily to increase refrigerator capacity if required and reduce energy consumption. A world first that is exclusive to the 8-series.



### 2. Flexible arrangement of shelves

The improvements are clear to see. Easy-to-move shelves that can be positioned as needed. Just like at home ...



### 3. Innovative door system

Practical and convenient for daily use: the new locking system with fingertip opening. All models with AES system are equipped with an acoustic alarm that warns if the door is accidentally left ajar. 8-series refrigerators can be supplied with door hinges on the left or right as required.



### 4. New control panel design

Future-orientated design also distinguishes the control panel, which is integrated perfectly into the refrigerator cabinet. For extra comfort and convenience, the refrigerators feature a user-friendly LED display with intuitive menu as well as visual alarm [MES model] or, respectively, visual and acoustic alarms [AES models].



### 5. Modular freshness system

The vegetable compartment can be partitioned. Moreover, it can be removed and cleaned in the dishwasher, just like the ergonomically designed door shelves with leakage protection.

## Three ignition systems for a variety of demands



The **AES system** [ Automatic Energy Selector ] automatically selects the best source of energy, thereby guaranteeing efficient cooling performance. Alternatively, you can also set the energy type manually. Thermostatic regulation for all energy types. All AES refrigerator feature a solar input S+ for operation using 12 V solar voltage.



The **MES system** [ Manual Energy Selector ] is equipped with electronic reigniter ignition. This senses when the flame has gone out and reignites it. Simple, manual selection of the type of energy to be used. Thermostatic regulation for all energy types.



**Battery ignition** ignites the gas at the touch of a button. As soon as the flame goes out, the gas is automatically shut off. Thermostatic regulation with 230 volt and gas operation.

## The product name code for the 8-series

**Every fridge in this new series has a “name” that consists of a letter code followed by a four-digit number. These indicate the finish and features of that particular appliance.**

The letter code RM stands for a standard model, RMD for a two-door model, RMS means it is a wheel-arch model, and RML denotes a large-capacity fridge.

An initial 8 in the four-digit combination indicates that the refrigerator is part of the 8-series. If that is followed by a 4, it indicates that the fridge is 486 mm wide. A 5 refers to a width of 525 mm. The third digit stands for the depth, a 0 in this position indicates the standard depth of 569 mm, a 5 for 624 mm comfort depth.

The last digit reveals the type of ignition “your” refrigerator uses: 5 stands for AES, 1 for MES and 0 for battery-powered ignition.

**RMS 8505**

Model:  
wheel arch model

Ignition system: AES

Standard depth: 569 mm

Width: 525 mm

Series: 8



## Overview of replacement models for the 7-series

You already own a 7-series refrigerator and would like to replace it with the corresponding model from the 8-series? Here you can decide which models best suits your needs.

Old model	486 mm
RM 7270	Battery ignition, wheel-arch model
RM 7271	MES, wheel-arch model
RM 7360	Battery ignition
RM 7361	MES

New model	486 mm
<b>RMS 8400</b>	<b>Battery ignition, wheel-arch model</b>
<b>RMS 8401</b>	<b>MES, wheel-arch model</b>
<b>RM 8400</b>	<b>Battery ignition</b>
<b>RM 8401</b>	<b>MES</b>

Old model	525 mm
RM 7290	Battery ignition, wheel-arch model
RM 7291	MES, wheel-arch model
RM 7295	AES, wheel-arch model
RM 7400	Battery ignition
RM 7401	MES
RM 7405	AES
RM 7551	MES
RM 7555	AES
RM 7651	MES
RM 7655	AES
RM 7851	MES
RM 7855	AES

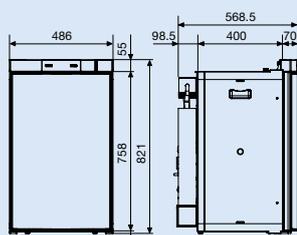
New model	525 mm
<b>RMS 8500</b>	<b>Battery ignition, wheel-arch model</b>
<b>RMS 8501</b>	<b>MES, wheel-arch model</b>
<b>RMS 8505</b>	<b>AES, wheel-arch model</b>
<b>RM 8500</b>	<b>Battery ignition</b>
<b>RM 8501</b>	<b>MES</b>
<b>RM 8505</b>	<b>AES</b>
<b>RM 8551</b>	<b>MES</b>
<b>RM 8555</b>	<b>AES</b>
<b>RMD 8501</b>	<b>MES</b>
<b>RMD 8505</b>	<b>AES</b>
<b>RMD 8551</b>	<b>MES</b>
<b>RMD 8555</b>	<b>AES</b>

**Dometic RM 8400** – with battery-powered ignition  
**Dometic RM 8401** – with Manual Energy Selector [MES]  
 8-series absorption refrigerator for 12 volts, 230 volts and gas  
 Single-door models, 486 mm wide



RM 8400

<b>Gross capacity</b>	without freezer compartment	95 litres
	with freezer compartment	90 litres
	incl. freezer compartment	8 litres
<b>Energy supply</b>	230 volts AC/50 Hz 12 volts DC Liquefied petroleum gas 30 mbar/category I <sub>3B/P</sub>	
<b>Input rating</b>	230 volts	125 watts
	12 volts	120 watts
	Gas	18.3 g/h
<b>Consumption</b>	230 volts/12 volts	2.0 to 2.2 kWh/24 h
	Gas	250 to 270 g/24 h
<b>Cooling capacity</b>	Refrigerator +7°C, freezer compartment up to -12°C at ambient temperatures up to 32°C [equivalent to climate class SN]	
<b>Insulation</b>	Pentane-blown foam [CFC-/HFC-free]	
<b>System</b>	Absorption cooling	
<b>Material</b>	Cabinet, door and panel: plastic	
<b>Colour</b>	Cabinet: black-grey, door: silver-grey	
<b>Dimensions [W x H x D]</b>	486 x 821 x 569 mm	
<b>Weight</b>	with freezer compartment	27.5 kg
<b>Quality features</b>	Patented removable freezer compartment, fingertip door opening, interior light, door with magnetic seal, replaceable door seals, door locking with vent option, user-friendly control panel, flexible arrangement of shelves, ergonomic door shelves with leakage protection <b>RM 8400:</b> Gas operation with battery-powered ignition, thermostatic control for 230-volt and gas operation <b>RM 8401:</b> Manual Energy Selector [MES] with electronic gas ignition, thermostatic control for all operating modes	
<b>Test marks</b>	Certified to European Gas Appliance Directive 90/396/EEC, e-approved to 2006/28/EC [Automotive EMC Directive]	



Product	Model
Dometic RM 8400, door hinge left	RM 8400, door hinge left
Dometic RM 8400, door hinge right	RM 8400, door hinge right
Dometic RM 8401, door hinge left	RM 8401, door hinge left
Dometic RM 8401, door hinge right	RM 8401, door hinge right



Refrigerator +7°C  
freezer compartment  
up to -12°C



12/230 volts



Gas

Replaceable door seals

**RM 8400:**  
Gas operation with  
battery-powered  
ignition

**RM 8401:**  
Manual Energy Selector  
[MES] with electronic  
gas ignition



Patented,  
easy-to-remove  
freezer compartment

## Dometic RMS 8400 – with battery-powered ignition

## Dometic RMS 8401 – with Manual Energy Selector [MES]

8-series absorption refrigerators for 12 volts, 230 volts and gas

Single-door models, 486 mm wide, **wheel-arch cut-out**



RMS 8401

<b>Gross capacity</b>		without freezer compartment	85 litres
		with freezer compartment	80 litres
		incl. freezer compartment	8 litres
<b>Energy supply</b>		230 volts AC / 50 Hz	
		12 volts DC	
		Liquefied petroleum gas 30 mbar/category I <sub>3 B/P</sub>	
<b>Input rating</b>	230 volts	125 watts	
	12 volts	120 watts	
	Gas	18.3 g/h	
<b>Consumption</b>	230 volts / 12 volts	2.0 to 2.2 kWh / 24 h	
	Gas	250 to 270 g / 24 h	
<b>Cooling capacity</b>		Refrigerator +7°C, freezer compartment up to -12°C at ambient temperatures up to 32°C [equivalent to climate class SN]	
<b>Insulation</b>		Pentane-blown foam [CFC- / HFC-free]	
<b>System</b>		Absorption cooling	
<b>Material</b>		Cabinet, door and panel: plastic	
<b>Colour</b>		Cabinet: black-grey, door: silver-grey	
<b>Dimensions [W x H x D]</b>		486 x 821 x 569 mm	
<b>Weight</b>		with freezer compartment	25.0 kg
<b>Quality features</b>		<p>Patented removable freezer compartment, fingertip door opening, interior light, door with magnetic seal, replaceable door seals, door locking with vent option, user-friendly control panel, flexible arrangement of shelves, ergonomic door shelves with leakage protection</p> <p><b>RMS 8400:</b> Gas operation with battery-powered ignition, thermostatic control for 230-volt and gas operation</p> <p><b>RMS 8401:</b> Manual Energy Selector [MES] with electronic gas ignition, thermostatic control for all operating modes</p>	
<b>Test marks</b>		Certified to European Gas Appliance Directive 90/396/EEC, e-approved to 2006/28/EC [Automotive EMC Directive]	



Refrigerator +7°C  
freezer compartment  
up to -12°C



12/230 volts



Gas

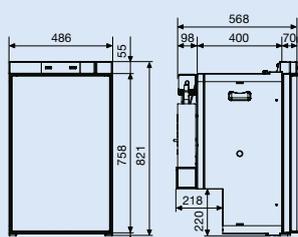
Replaceable door seals

**RMS 8400:**  
Gas operation with  
battery-powered  
ignition

**RMS 8401:**  
Manual Energy Selector  
[MES] with electronic  
gas ignition



Patented,  
easy-to-remove  
freezer compartment



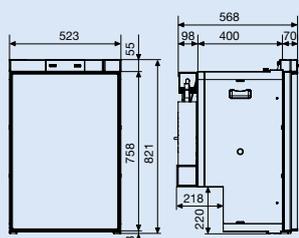
Product	Model
Dometic RMS 8400, door hinge left	RMS 8400, door hinge left
Dometic RMS 8400, door hinge right	RMS 8400, door hinge right
Dometic RMS 8401, door hinge left	RMS 8401, door hinge left
Dometic RMS 8401, door hinge right	RMS 8401, door hinge right

**Dometic RMS 8500** – with battery-powered ignition  
**Dometic RMS 8501** – with Manual Energy Selector [MES]  
**Dometic RMS 8505** – with Automatic Energy Selector [AES]  
 8-series absorption refrigerators for 12 volts, 230 volts and gas  
 Single-door models, 525 mm wide, **wheel-arch cut-out**



RMS 8500

<b>Gross capacity</b>	without freezer compartment	96 litres
	with freezer compartment	90 litres
	incl. freezer compartment	9 litres
<b>Energy supply</b>	230 volts AC/50 Hz 12 volts DC Liquefied petroleum gas 30 mbar/category I <sub>3B/P</sub>	
<b>Input rating</b>	230 volts	125 watts
	12 volts	120 watts
	Gas	18.3 g/h
<b>Consumption</b>	230 volts/12 volts	2.0 to 2.2 kWh/24 h
	Gas	250 to 270 g/24 h
<b>Cooling capacity</b>	Refrigerator +7°C, freezer compartment up to -12°C at ambient temperatures up to 32°C [equivalent to climate class SN]	
<b>Insulation</b>	Pentane-blown foam [CFC-/HFC-free]	
<b>System</b>	Absorption cooling	
<b>Material</b>	Cabinet, door and panel: plastic	
<b>Colour</b>	Cabinet: black-grey, door: silver-grey	
<b>Dimensions [W x H x D]</b>	525 x 821 x 569 mm	
<b>Weight</b>	with freezer compartment	25.5 kg
<b>Quality features</b>	Patented removable freezer compartment, fingertip door opening, interior light, door with magnetic seal, replaceable door seals, door locking with vent option, user-friendly control panel, flexible arrangement of shelves, ergonomic door shelves with leakage protection <b>RMS 8500:</b> Gas operation with battery-powered igniter, thermostatic control for 230-volts- and gas operation <b>RMS 8501:</b> Manual Energy Selector [MES] with electronic gas ignition, thermostatic control for all operating modes <b>RMS 8505:</b> Automatic Energy Selector [AES] with electronic gas ignition, thermostatic control for all operating modes	
<b>Test marks</b>	Certified to European Gas Appliance Directive 90/396/EEC, e-approved to 2006/28/EC [Automotive EMC Directive]	



Product	Model
Dometic RMS 8500, door hinge left	RMS 8500, door hinge left
Dometic RMS 8500, door hinge right	RMS 8500, door hinge right
Dometic RMS 8501, door hinge left	RMS 8501, door hinge left
Dometic RMS 8501, door hinge right	RMS 8501, door hinge right
Dometic RMS 8505, door hinge left	RMS 8505, door hinge left
Dometic RMS 8505, door hinge right	RMS 8505, door hinge right



Refrigerator +7°C  
freezer compartment up to -12°C



12/230 volts



Gas

Replaceable door seals

**RMS 8500:**  
Gas operation with battery-powered ignition

**RMS 8501:**  
Manual Energy Selector [MES] with electronic gas ignition

**RMS 8505:**  
Automatic Energy Selector [AES] with electronic gas ignition



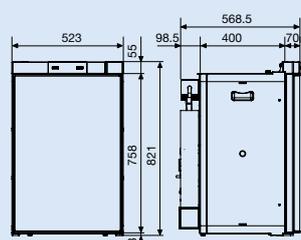
Patented, easy-to-remove freezer compartment

**Dometic RM 8500** – with battery-powered ignition  
**Dometic RM 8501** – with Manual Energy Selector [MES]  
**Dometic RM 8505** – with Automatic Energy Selector [AES]  
 8-series absorption refrigerators for 12 volts, 230 volts and gas  
 Single-door models, 525 mm wide



RM 8501

<b>Gross capacity</b>	without freezer compartment	106 litres
	with freezer compartment	100 litres
	incl. freezer compartment	9 litres
<b>Energy supply</b>	230 volts AC/50 Hz 12 volts DC Liquefied petroleum gas 30 mbar/category I <sub>3B/P</sub>	
<b>Input rating</b>	230 volts	135 watts
	12 volts	130 watts
	Gas	18.3 g/h
<b>Consumption</b>	230 volts/12 volts	2.0 to 2.2 kWh/24 h
	Gas	250 to 270 g/24 h
<b>Cooling capacity</b>	Refrigerator +7°C, freezer compartment up to -12°C at ambient temperatures up to 32°C [equivalent to climate class SN]	
<b>Insulation</b>	Pentane-blown foam [CFC-/HFC-free]	
<b>System</b>	Absorption cooling	
<b>Material</b>	Cabinet, door and panel: plastic	
<b>Colour</b>	Cabinet: black-grey, door: silver-grey	
<b>Dimensions [W x H x D]</b>	525 x 821 x 569 mm	
<b>Weight</b>	with freezer compartment	27.8 kg
<b>Quality features</b>	Patented removable freezer compartment, fingertip door opening, interior light, door with magnetic seal, replaceable door seals, door locking with vent option, user-friendly control panel, flexible arrangement of shelves, ergonomic door shelves with leakage protection  <b>RM 8500:</b> Gas operation with battery-powered igniter, thermostatic control for 230-volt and gas operation  <b>RM 8501:</b> Manual Energy Selector [MES] with electronic gas ignition, thermostatic control for all operating modes  <b>RM 8505:</b> Automatic Energy Selector [AES] with electronic gas ignition, thermostatic control for all operating modes	
<b>Test marks</b>	Certified to European Gas Appliance Directive 90/396/EEC, e-approved to 2006/28/EC [Automotive EMC Directive]	



Product	Model
Dometic RM 8500, door hinge left	RM 8500, door hinge left
Dometic RM 8500, door hinge right	RM 8500, door hinge right
Dometic RM 8501, door hinge left	RM 8501, door hinge left
Dometic RM 8501, door hinge right	RM 8501, door hinge right
Dometic RM 8505, door hinge left	RM 8505, door hinge left
Dometic RM 8505, door hinge right	RM 8505, door hinge right



Refrigerator +7°C  
 freezer compartment  
 up to -12°C



12/230 volts



Gas

Replaceable  
 door seals

**RM 8500:**  
 Gas operation with  
 battery-powered  
 ignition

**RM 8501:**  
 Manual Energy Selector  
 [MES] with electronic  
 gas ignition

**RM 8505:**  
 Automatic Energy  
 Selector [AES] with  
 electronic gas ignition



Patented,  
 easy-to-remove  
 freezer compartment

## Dometic RM 8551 – with Manual Energy Selector [MES]

## Dometic RM 8555 – with Automatic Energy Selector [AES]

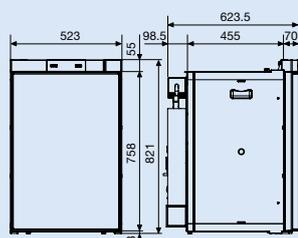
8-series absorption refrigerators for 12 volts, 230 volts and gas

Single-door models, 525 mm wide



RM 8551

<b>Gross capacity</b>	without freezer compartment	122 litres
	with freezer compartment	115 litres
	incl. freezer compartment	12 litres
<b>Energy supply</b>	230 volts AC/50 Hz 12 volts DC Liquefied petroleum gas 30 mbar/category I <sub>3B/P</sub>	
<b>Input rating</b>	230 volts	135 watts
	12 volts	130 watts
	Gas	18.3 g/h
<b>Consumption</b>	230 volts/12 volts	2.1 to 2.3 kWh/24 h
	Gas	250 to 270 g/24 h
<b>Cooling capacity</b>	Refrigerator +7°C, freezer compartment up to -12°C at ambient temperatures up to 32°C [equivalent to climate class SN]	
<b>Insulation</b>	Pentane-blown foam [CFC-/HFC-free]	
<b>System</b>	Absorption cooling	
<b>Material</b>	Cabinet, door and panel: plastic	
<b>Colour</b>	Cabinet: black-grey, door: silver-grey	
<b>Dimensions [W x H x D]</b>	525 x 821 x 624 mm	
<b>Weight</b>	with freezer compartment	29.0 kg
<b>Quality features</b>	Patented removable freezer compartment, fingertip door opening, interior light, door with magnetic seal, replaceable door seals, door locking with vent option, user-friendly control panel, flexible arrangement of shelves, ergonomic door shelves with leakage protection, thermostatic control for all operating modes	
	<b>RM 8551:</b> Manual Energy Selector [MES] with electronic gas ignition	
	<b>RM 8555:</b> Automatic Energy Selector [AES] with electronic gas ignition	
<b>Test marks</b>	Certified to European Gas Appliance Directive 90/396/EEC, e-approved to 2006/28/EC [Automotive EMC Directive]	



Product	Model
Dometic RM 8551, door hinge left	RM 8551, door hinge left
Dometic RM 8551, door hinge right	RM 8551, door hinge right
Dometic RM 8555, door hinge left	RM 8555, door hinge left
Dometic RM 8555, door hinge right	RM 8555, door hinge right



Refrigerator +7°C  
freezer compartment  
up to -12°C



12/230 volts



Gas

Replaceable door seals

**RM 8551:**  
Manual Energy Selector  
[MES] with electronic  
gas ignition

**RM 8555:**  
Automatic Energy  
Selector [AES] with  
electronic gas ignition



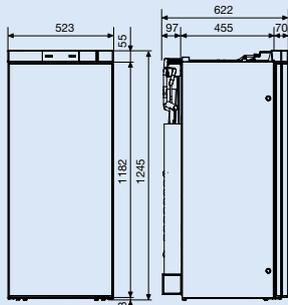
Patented,  
easy-to-remove  
freezer compartment



**Dometic RML 8551** – with Manual Energy Selector [MES]  
**Dometic RML 8555** – with Automatic Energy Selector [AES]  
 8-series absorption refrigerators for 12 volts, 230 volts and gas  
 Single-door model, 525 mm wide



RML 8555



<b>Gross capacity</b>	without freezer compartment	189 litres
	with freezer compartment	179 litres
	incl. freezer compartment	33 litres
<b>Energy supply</b>	230 volts AC / 50 Hz	
	12 volts DC	
	Liquefied petroleum gas 30 mbar/category 1 <sub>3 B/P</sub>	
<b>Input rating</b>	230 volts	190 watts
	12 volts	170 watts
	Gas	22.5 g/h
<b>Consumption</b>	230 volts / 12 volts	3.0 to 3.2 kWh/24 h
	Gas	360 to 380 g/24 h
<b>Cooling capacity</b>	Refrigerator +7°C, freezer compartment up to -12°C at ambient temperatures up to 32°C [equivalent to climate class SN]	
<b>Insulation</b>	Pentane-blown foam [CFC- / HFC-free]	
<b>System</b>	Absorption cooling	
<b>Material</b>	Cabinet: coated sheet steel Door and panel: plastic	
<b>Colour</b>	Cabinet: black-grey, door: silver-grey	
<b>Dimensions [W x H x D]</b>	525 x 1245 x 626 mm	
<b>Weight</b>	with freezer compartment	44.5 kg
<b>Quality features</b>	Patented removable freezer compartment, fingertip door opening, interior light, door with magnetic seal, replaceable door seals, door locking with vent option, user-friendly control panel, flexible arrangement of shelves, ergonomic door shelves with leakage protection, thermostatic control for all operating modes	
	<b>RML 8551:</b> Manual Energy Selector [MES] with electronic gas ignition	
	<b>RML 8555:</b> Automatic Energy Selector [AES] with electronic gas ignition	
<b>Test marks</b>	Certified to European Gas Appliance Directive 90/396/EEC, e-approved to 2006/28/EC [Automotive EMC Directive]	

Product	Model
Dometic RML 8551, door hinge left	RML 8551, door hinge left
Dometic RML 8551, door hinge right	RML 8551, door hinge right
Dometic RML 8555, door hinge left	RML 8555, door hinge left
Dometic RML 8555, door hinge right	RML 8555, door hinge right

**Refrigerator +7°C  
freezer compartment  
up to -12°C**

**12/230 volts**

**Gas**

**Replaceable door seals**

**RML 8551:  
Manual Energy Selector  
[MES] with electronic  
gas ignition**

**RML 8555:  
Automatic Energy  
Selector [AES] with  
electronic gas ignition**

**Patented,  
easy-to-remove  
freezer compartment**



Removable, spacious freezer compartment



XXL-size refrigerator compartment

RMD 8501  
RMD 8551

The **largest**  
freezer compartment  
on the market

- 1 Separate freezer compartment with switch-operated frame heater
- 2 Ergonomic door shelves with leakage protection
- 3 Innovative opening system [ "fingertip opening" ]
- 4 Stay-fresh system and flexible shelf arrangement
- 5 Integrated control panel with indicator lamp visible on the outside



Integrated control panel with indicator lamp visible on the outside



Open the door using the tips of your fingers, LED display



New design, enhanced technology and materials mean more space and less weight at the same output compared to two-door refrigerators of the same size from the 7-series.



## New in the 8-series: Large-volume two-door model

The same dimensions and the same performance as the successfully tried-and-tested Dometic 7-series, but with 9% more volume and weighing up to 4 kg less. By repositioning the control panel in a recess, the volume could be increased. An indicator lamp remains visible on the outside to warn you in an emergency. Technical improvements and the use of extra-lightweight materials have allowed a considerable reduction in weight.

Behind separate doors for the cooler and freezer compartments, the RMD models in the 8-series provide just as much room for keeping produce fresh as a refrigerator at home. The interior features are absolutely perfect. The spacious freezer compartments feature frame heating, which can be switched on at the touch of a button and prevent the doors from freezing to the housing.

## Dometic RMD 8501 / RMD 8551 – with Manual Energy Selector [MES]

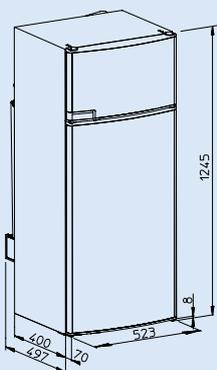
## Dometic RMD 8505 / RMD 8555 – with Automatic Energy Selector [AES]

8-series absorption refrigerators for 12 volts, 230 volts and gas

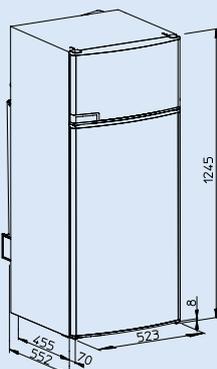
Two-door model, 525 mm wide



RMD 8555  
Décor panel with frame



RMD 8501/8505



RMD 8551/8555

		RMD 8501/5	RMD 8551/5
<b>Gross capacity</b>	with freezer	160 litres	190 litres
	compartment thereof	30 litres	35 litres
<b>Connections</b>		230 volts AC/50 Hz	
		12 volts DC	
		Liquefied petroleum gas 30 mbar/category I <sub>3 B/P</sub>	
<b>Input rating</b>	230 volts	190 watts	
	12 volts	170 watts	
	Gas	22.5 g/h	
<b>Consumption</b>	230 volts/12 volts	3.2 kWh/24 h	
	Gas	380 g/24 h	
<b>Cooling capacity</b>		Refrigerator +7°C, freezer compartment up to -12°C at ambient temperatures up to +32°C [equivalent to climate class SN]	
<b>Insulation</b>		Pentane-blown foam [CFC-/HFC-free]	
<b>Material</b>		Housing: coated sheet steel, Door and panel: plastic	
<b>Colour</b>		Housing: black-grey, door: silver-grey	
<b>Dimensions [W x H x D]</b>		525 x 1245 x 568 mm	525 x 1245 x 623 mm
<b>Weight</b>		37.0 kg	38.5 kg
<b>Quality features</b>		Separate doors for the refrigerator and freezer compartment, fingertip door opening, doors with magnetic seals, replaceable door seals, door locking with vent option, LED interior light, integrated user-friendly control panel, LED display visible from the outside, flexible arrangement of shelves with anti-slip, easy-care surfaces, ergonomic door shelves with leakage protection	

**Test marks**  
Certified to European Gas Appliance Directive 90/396/EEC, e-approved to 2006/28/EC [Automotive EMC Directive]

Product	Model
Dometic RMD 8501, left-hinged door	RMD 8501, left-hinged door
Dometic RMD 8501, right-hinged door	RMD 8501, right-hinged door
Dometic RMD 8551, left-hinged door	RMD 8551, left-hinged door
Dometic RMD 8551, right-hinged door	RMD 8551, right-hinged door
Dometic RMD 8505, left-hinged door	RMD 8505, left-hinged door
Dometic RMD 8505, right-hinged door	RMD 8505, right-hinged door
Dometic RMD 8555, left-hinged door	RMD 8555, left-hinged door
Dometic RMD 8555, right-hinged door	RMD 8555, right-hinged door



Refrigerator +7°C  
freezer compartment  
up to -12°C



12/230 volts



Gas

Separate doors for  
freezer compartment  
and refrigerator

Freezer compartments  
with switch-operated  
frame heater

More volume thanks to  
the integrated  
operating panel

Replaceable door seals

RMD 8501/8551:  
Manual Energy Selector  
[MES] with electronic  
gas ignition

RMD 8505/8555:  
Automatic Energy  
Selector [AES] with  
electronic gas ignition

RM 4401 LM

Robust design  
at a good price



- 1 Separate freezer compartment [except RM 4181 M]
- 2 Plenty of room for fruit and vegetable, or drinks
- 3 Practical shelves inside the door
- 4 User-friendly control panel
- 5 Space for large bottles in the door rack

## The 4-series: compact classics

**Their reputation is legendary. The tried and tested refrigerators of the 4-series have won innumerable fans among owners of small motor-homes and caravans. They offer astounding value for money and are designed to suit the limited space available in compact leisure vehicles yet are themselves astonishingly roomy.**

Food storage capacity ranges from 40 litres up to as much as 97 litres and is easily divided into temperature zones – vegetables at the bottom, meat and dairy products at the top. Nearly all models in the 4-series are equipped with a freezer compartment [except RM 4181 M] and are available with an easy-to-use electronic reignition [except RM 4230 L, RM 4210 and RM 4400 L].

- Designed for smaller recreational vehicles
- Low weight, optimised interior and exterior dimensions
- Secure door locking with vent option
- Adjustable shelves, additional shelves inside the door
- Available with Piezo or reighniter ignition

## Product highlights at a glance



### User-friendly control panel

ON/OFF switch and turning knob for all functions – the control panel combines functionality with aesthetics.



### Adjustable shelves

The refrigerator room can be divided as desired – thanks to the adjustable shelf system. The shelves are easy to clean and feature a retaining bar at the front edge to hold the fridge content in place when the vehicle is in inclined position.



### Secure door locking with vent option

The fridge models RM 4211 LM, RM 4281 LM and RM 4401 LM feature a locking system that keeps the door firmly shut tight in every situation. In vent position it provides sufficient ventilation when the refrigerator is not in use.

## The product name code for the 4-series

**Every fridge in this series has a “name” that consists of the letter code RM followed by a four-digit number and one or two additional letters. These indicate the finish and features of that particular appliance.**

An initial 4 in the four-digit combination indicates that the refrigerator is part of the 4-series.

If that is followed by a 1 it indicates that the fridge is 401 mm wide. If the second digit is a 2 then the fridge is 486 mm wide while a 4 indicates a width of 525 mm.

The last digit refers to the type of ignition. A 0 indicates Piezo ignition while a 1 stands for reigniter ignition.

If the four-digit combination is followed by the letter L then the fridge has an interior light. An M indicates a double lock top and bottom. The combination LM indicates that both features are “on board”.

### RM 4281 LM

Series: 4				Double locking top and bottom
Width: 486 mm				
Ignition system: reigniter				Interior light

**Dometic RM 4181 M** – with reigniter ignition  
 4-series absorption refrigerator for 12 volts, 230 volts and gas  
 Single-door model, 401 mm wide



<b>Gross capacity</b>	40 litres	
<b>Energy supply</b>	230 volts AC/50 Hz 12 volts DC Liquefied petroleum gas 30 mbar/category I <sub>3B/P</sub>	
<b>Input rating</b>	230 volts 12 volts Gas	105 watts 100 watts 14.7 g/h
<b>Consumption</b>	230 volts/12 volts Gas	2.2 kWh/24 h 240 g/24 h
<b>Cooling capacity</b>	+7°C at ambient temperatures up to 32°C [equivalent to climate class SN]	
<b>Insulation</b>	Pentane-blown foam [CFC-/HFC-free]	
<b>System</b>	Absorption cooling	
<b>Material</b>	Cabinet: coated sheet steel Door: plastic, panel: coated aluminium	
<b>Colour</b>	Cabinet: grey, door: grey	
<b>Dimensions [W x H x D]</b>	401 x 617 x 451 mm	
<b>Weight</b>	18.0 kg	
<b>Quality features</b>	Door with magnetic seal, variable door hinge, double door locking top and bottom with vent option, user-friendly control panel, adjustable shelf, thermostatic control for 230-volt operation, electronic reigniter ignition, 3-stage manual gas control	
<b>Test marks</b>	Certified to European Gas Appliance Directive 90/396/EEC, e-approved to 2006/28/EC [Automotive EMC Directive]	



Refrigerator +7°C



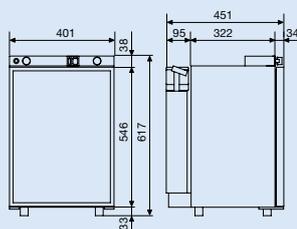
12/230 volts



Gas

Electronic reigniter ignition

Extremely compact absorption refrigerator



<b>Product</b>	<b>Model</b>
Dometic RM 4181 M	RM 4181 M

**Dometic RM 4210** – with Piezo ignition**Dometic RM 4211 LM** – with reigniter ignition

4-series absorption refrigerators for 12 volts, 230 volts and gas

Single-door models, 486 mm wide



RM 4211 LM

<b>Gross capacity</b>	with freezer compartment 60 litres incl. freezer compartment 5 litres	
<b>Energy supply</b>	230 volts AC/50 Hz 12 volts DC Liquefied petroleum gas 30 mbar/category I <sub>3B/P</sub>	
<b>Input rating</b>	230 volts 12 volts Gas	125 watts 120 watts 18.3 g/h
<b>Consumption</b>	230 volts/12 volts Gas	2.3 kWh/24 h 310 g/24 h
<b>Cooling capacity</b>	Refrigerator +7°C, freezer compartment up to -12°C at ambient temperatures up to 32°C [equivalent to climate class SN]	
<b>Insulation</b>	Pentane-blown foam [CFC-/HFC-free]	
<b>System</b>	Absorption cooling	
<b>Material</b>	Cabinet: coated sheet steel Door: plastic, panel: coated aluminium	
<b>Colour</b>	Cabinet: grey, door: grey	
<b>Dimensions [W x H x D]</b>	486 x 618 x 474 mm	
<b>Weight</b>	20.7 kg	
<b>Quality features</b>	Door with magnetic seal, variable door hinge, user-friendly control panel, flexible arrangement of shelves, thermostatic control for 230-volt operation, 3-stage manual gas control <b>RM 4210:</b> Gas operation with Piezo ignition, door locking with vent option <b>RM 4211 LM:</b> electronic reigniter ignition, interior light, double door locking top and bottom with vent option	
<b>Test marks</b>	Certified to European Gas Appliance Directive 90/396/EEC, e-approved to 2006/28/EC [Automotive EMC Directive]	



Refrigerator +7°C  
freezer compartment  
up to -12°C



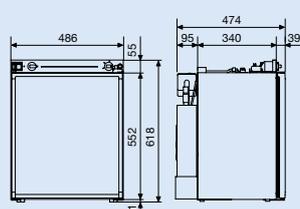
12/230 volts



Gas

**RM 4210:**  
Gas operation with  
Piezo ignition

**RM 4211 LM:**  
Electronic reigniter  
ignition



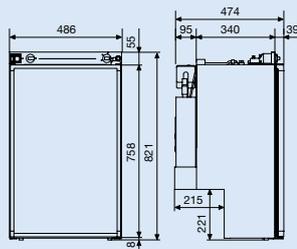
Product	Model
Dometic RM 4210	RM 4210
Dometic RM 4211 LM	RM 4211 LM

**Dometic RM 4230 L** – with Piezo ignition  
4-series absorption refrigerator for 12 volts, 230 volts and gas  
Single-door model, 486 mm wide, **wheel arch cut-out**

4.28



RM 4230 L



<b>Gross capacity</b>	with freezer compartment 70 litres incl. freezer compartment 5 litres	
<b>Energy supply</b>	230 volts AC/50 Hz 12 volts DC Liquefied petroleum gas 30 mbar/category I <sub>3B/P</sub>	
<b>Input rating</b>	230 volts 12 volts Gas	125 watts 120 watts 18.3 g/h
<b>Consumption</b>	230 volts/12 volts Gas	2.4 kWh/24 h 310 g/24 h
<b>Cooling capacity</b>	Refrigerator +7°C, freezer compartment up to -12°C at ambient temperatures up to 32°C [equivalent to climate class SN]	
<b>Insulation</b>	Pentane-blown foam [CFC-/HFC-free]	
<b>System</b>	Absorption cooling	
<b>Material</b>	Cabinet: coated sheet steel Door: plastic, panel: coated aluminium	
<b>Colour</b>	Cabinet: grey, door: grey	
<b>Dimensions [W x H x D]</b>	486 x 821 x 474 mm	
<b>Weight</b>	22.2 kg	
<b>Quality features</b>	Interior light, door with magnetic seal, variable door hinge, door locking with vent option, flexible arrangement of shelves, thermostatic control for 230-volt operation, gas operation with Piezo ignition, 3-stage manual gas control	
<b>Test marks</b>	Certified to European Gas Appliance Directive 90/396/EEC, e-approved to 2006/28/EC [Automotive EMC Directive]	

Product	Model
Dometic RM 4230 L	RM 4230 L



Refrigerator +7°C  
freezer compartment  
up to -12°C



12/230 volts



Gas

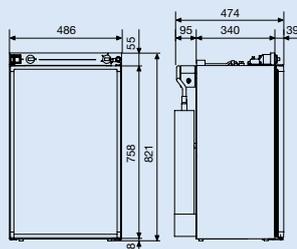
Gas operation with  
Piezo ignition

**Dometic RM 4281 LM** – with reigniter ignition  
4-series absorption refrigerator for 12 volts, 230 volts and gas  
Single-door model, 486 mm wide, straight door

4.28



RM 4281 LM



<b>Gross capacity</b>	with freezer compartment 80 litres incl. freezer compartment 5 litres	
<b>Energy supply</b>	230 volts AC/50 Hz 12 volts DC Liquefied petroleum gas 30 mbar/category I <sub>3B/P</sub>	
<b>Input rating</b>	230 volts 12 volts Gas	125 watts 120 watts 18.3 g/h
<b>Consumption</b>	230 volts/12 volts Gas	2.5 kWh/24 h 270 g/24 h
<b>Cooling capacity</b>	Refrigerator +7°C, freezer compartment up to -12°C at ambient temperatures up to 32°C [equivalent to climate class SN]	
<b>Dimensions [W x H x D]</b>	486 x 821 x 474 mm	
<b>Weight</b>	23.0 kg	
<b>Quality features</b>	Interior light, door with magnetic seal, variable door hinge, double door locking top and bottom with vent option, flexible arrangement of shelves, thermostatic control for 230-volt and gas peration, electronic reigniter ignition	
<b>Further technical data</b>	As for Dometic RM 4230 L	

Product	Model
Dometic RM 4281 LM	RM 4281 LM



Refrigerator +7°C  
freezer compartment  
up to -12°C



12/230 volts



Gas

Electronic  
reigniter ignition

## Dometic RM 4400 L – with Piezo ignition

## Dometic RM 4401 LM – with reigniter ignition

4-series absorption refrigerators for 12 volts, 230 volts and gas

Single-door models, 525 mm wide



RM 4401 LM

<b>Gross capacity</b>	with freezer compartment 97 litres including freezer compartment 10.5 litres	
<b>Energy supply</b>	230 volts AC/50 Hz 12 volts DC Liquefied petroleum gas 30 mbar/category I <sub>3B/P</sub>	
<b>Input rating</b>	230 volts 12 volts Gas	125 watts 120 watts 18.3 g/h
<b>Consumption</b>	230 volts/12 volts Gas	2.6 kWh/24 h 270 g/24 h
<b>Cooling capacity</b>	Refrigerator +7°C, freezer compartment up to -12°C at ambient temperatures up to 32°C [equivalent to climate class SN]	
<b>Insulation</b>	Pentane-blown foam [CFC-/HFC-free]	
<b>System</b>	Absorption cooling	
<b>Material</b>	Cabinet: coated sheet steel Door: plastic, panel: coated aluminium	
<b>Colour</b>	Cabinet: grey, door: grey	
<b>Dimensions [W x H x D]</b>	525 x 805,5 x 537 mm	
<b>Weight</b>	<b>RM 4400 L:</b> 29.0 kg, <b>RM 4401 LM:</b> 29.0 kg	
<b>Quality features</b>	Interior light, door with magnetic seal, variable door hinge, flexible arrangement of shelves, thermostatic control for 230-volt and gas operation <b>RM 4400 L:</b> gas operation with Piezo ignition, door locking with vent option <b>RM 4401 LM:</b> electronic reigniter ignition, double door locking top and bottom with vent option	
<b>Test marks</b>	Certified to European Gas Appliance Directive 90/396/EEC, e-approved to 2006/28/EC [Automotive EMC Directive]	



Refrigerator +7°C  
freezer compartment  
up to -12°C



12/230 volts

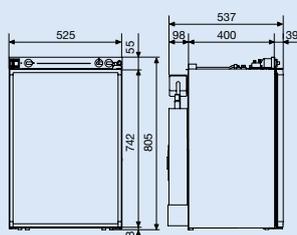


Gas

**RM 4400 L:**  
gas operation with  
Piezo ignition

**RM 4401 LM:**  
electronic reigniter  
ignition

Full-width  
freezer compartment

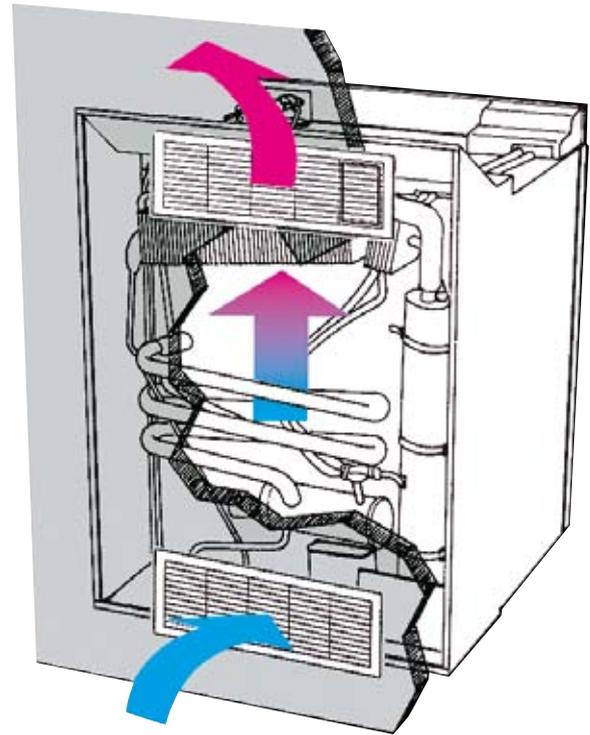


Product	Model
Dometic RM 4400 L	RM 4400 L
Dometic RM 4401 LM	RM 4401 LM

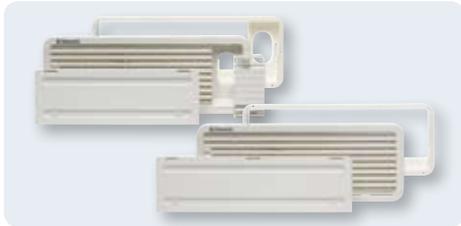
## Perfect ventilation for perfect performance

**Sufficient ventilation prevents heat build-up behind the refrigerator and contributes decisively to functioning at its maximum cooling capacity.**

Further advantages of the specially-developed ventilation systems: it facilitates service and maintenance, e.g. for cleaning the burner, easy access **without** having to remove the refrigerator. The ventilation grills are attached on the outside of the vehicle. The lower grill guides cool air to the rear of the refrigerator, the upper grill allows heated air to escape. Both ventilation grills feature a comfortable sliding lid and a bracket for the condensation hose.



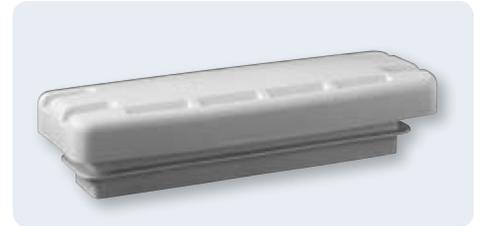
## Optional extras for ventilation for the 8- / 4-series



**Ventilation grill for one-door models:** Upper ventilation grill LS 100 and lower ventilation grill LS 200. Attached to the outside of the vehicle.



**Ventilation grill for two-door models:** The ventilator grill LS 300 can be used as an upper and lower ventilation grill. Attached to the outside of the vehicle.



**Roof ventilation:** When your vehicle's awning is on the same side as the refrigerator we recommend you use the R 500 roof ventilation. It is installed in combination with the ventilation grills LS 200 or LS 300, depending on the type of refrigerator.



**Ventilation set:** It speeds up the airflow, cools the condenser and so provides perfect air intake and outlet for the absorption refrigerator. Extremely easy to install. Particularly recommended for high outside temperatures or intense sunlight.

Dometic ventilation is thermostat-controlled and runs on 12 volts. The only product of its type which fulfils the e1 regulations.



**Winter set for LS 300 for two-door models:** The polyurethane foam ventilation grill gives this refrigerator particularly high insulation values. Even at ambient temperatures as low as  $-30^{\circ}\text{C}$  the winter set ensures maximum performance from the absorption unit when running on gas or electricity. At temperatures above  $5^{\circ}\text{C}$  we recommend using a standard cover.

## Comfort and replacement accessories for the 8- / 4-series



No cracked eggs! Up to six eggs can be stored in the **egg shelf** with no risk of breakage! Simply place it on the grid or in the door rack. Suitable for all refrigerators in the 4-, 7- and 8-series.



A breath of fresh air! The Dometic **active carbon filter** eliminates smells in all refrigerators, coolers and other closed receptacles such as wardrobes or storage compartments. It is effective for up to one year, can be easily replaced and disposed of in an ecologically sound manner with the household rubbish.



Instantaneous ignition: The **battery ignition** can be retrofitted for all Piezo ignition refrigerators with plastic dashboard holders which were manufactured after the 1st July, 1998. Simply press and hold the button until the gas has ignited. Easy installation, fast battery change.

### Optional extras for ventilation for the 8- / 4-series

4.28

Ventilation grill / winter set / roof ventilation / ventilation set



Product	Ref. No.
<b>Ventilation grill with frame and winter cover</b>	
LS 100, top, white	9105900012
LS 100, top, beige	9105900011
LS 200, bottom, white	9105900014
LS 200, bottom, beige	9105900013
LS 300, white	9105900015
<b>Roof ventilation</b>	
R 500, white	9105900020
<b>Ventilator</b>	
Ventilation set	9105900007
<b>Winter covers</b>	
WA 120/130 [set] top/bottom, for LS100/LS200, white	9105900018
WA 120/130 [set] top/bottom, for LS100/LS200, beige	9105900019
EWS 300 for LS 300, white	9105900017

Components for perfect ventilation

### Convenience and replacement accessories for the 8- / 4-series

4.28

Egg shelf / active carbon filter / battery ignition



Product	Ref. No.
Egg shelf	9105900009
Active carbon filter	9105900008
Battery ignition	9105900010



# Compressor refrigerators

Unbeatable performance

## Home-like cooling comfort

Equipped with Danfoss high-tech compressors, the well-proven refrigerators of the WAECO CoolMatic series provide outstandingly intensive, long-lasting refrigeration for mobile applications. Their operation is perfectly reliable even in tilted positions and high ambient temperatures. They work economically, extremely quietly, and on solar energy, too.

The various models of the CoolMatic series satisfy all requirements a camper fridge has to meet. There's a matching appliance for every size of vehicle and for every room situation. The interior features compare extremely well with your domestic fridge too ...



## Premium refrigerators

Pages 80 – 84

Tropical-rated compressor refrigerators with luxury equipment: separate \*\*\* freezer compartment, double door lock, Cool Blue interior light and a lot more. Excellent, functional design in stainless steel look.

### WAECO CoolMatic CR



CoolMatic CR-65

CoolMatic CR-110

CoolMatic CR-50

CoolMatic CR-80

CoolMatic CR-140

## Compact entry-level model

Page 85

39-litre capacity and cool CR looks: the CRP-40 built-in refrigerator is ideal for smaller recreational vehicles and for confined spaces.

### WAECO CoolMatic CRP



CoolMatic CRP-40

## Camper fridges with absorption dimensions

Pages 86 – 89

The same dimensions as commonly used absorption refrigerators – but considerably more useful capacity and cooling performance. MDC refrigerators need no gas supply, and no ventilation either. Ideal for operation with a solar unit.

### WAECO CoolMatic MDC



CoolMatic MDC-50

CoolMatic MDC-65

CoolMatic MDC-110

CoolMatic MDC-90



## First class, please!

Premium refrigerators in stainless look

**Elegant matt silver, award-winning design, features galore, perfect finish, well-proven compressor technology: the exclusive WAECO CoolMatic CR refrigerators satisfy the most discriminating demands.**

Take for example their excellent cooling performance: the compressor appliances are tropical-rated equivalent to DIN EN ISO 7371. The separately insulated \*\*\* freezer compartment keeps a constant  $-18^{\circ}\text{C}$  even at an ambient

temperature of  $+43^{\circ}\text{C}$ , while the rest of the refrigerator maintains the desired  $+5^{\circ}\text{C}$  to  $+7^{\circ}\text{C}$ .

Features include a bottle holder, functional trays, vegetable bins – the same equipment as your fridge at home. The double door-locking device (top and bottom) provides safety in every position, even on a tilt. The door can be hung on either side and provides a dual “close-or-vent” function.



## Premium design with Cool Blue light inside

You prefer to travel in style? The perfect finish and high-grade interior of CoolMatic CR refrigerators is very impressive. First-class materials, sparkling surfaces and the aesthetic Cool Blue interior light are all part of the elegant CoolMatic CR design. A feast for the eye.



## Recessed door grips

Comfort to get hold of: the recessed door grips allow for gentle and easy opening of CoolMatic doors. Slightly lifting the grip is enough to unlock the door. You can feel the difference: there is no protruding handle to catch yourself on. Slim grips blend harmoniously with the elegant design of the refrigerator doors.



## Functional cooling space

The interior design of CoolMatic CR refrigerators is both intelligent and functional. A large bottle holder and a lidded container on the inside door, a vegetable bin and a storage tray provide ample space for fresh food. The CR-110 and the CR-140 feature an additional storage tray, two drawers and one or, respectively, two open door trays.



## Separately insulated \*\*\* freezer compartment – tropical-rated

Cool cocktails with ice-cubes? Any time! All CoolMatic CR refrigerators feature a separately insulated \*\*\* freezer compartment. The thickly foamed evaporator and the extra-strong insulation ensure that a constant  $-18^{\circ}\text{C}$  is maintained in the freezer compartment and the desired  $+5^{\circ}\text{C}$  to  $+7^{\circ}\text{C}$  in the rest of the refrigerator – even when ambient temperatures reach tropical ratings ( $+43^{\circ}\text{C}$ ).



## Patented lock: close or vent

The doors of CoolMatic CR refrigerators feature a patented locking mechanism. In cooling mode, the door is fastened top and bottom for double safety. Thus CoolMatic refrigerators will be firmly shut tight – even if the fridge contents push against the door from inside. The “vent” position keeps the door slightly open and provides ventilation when the fridge is not in use.



## Installation with standard or flush-mount frame

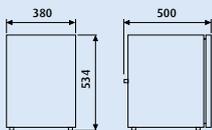
To install a CoolMatic CR refrigerator in your galley choose the standard or flush-mount installation frame from WAECO's range of accessories. Both options will keep your refrigerator securely in place. Using the flush-mount frame makes for a particularly elegant solution, as the refrigerator door is fitted flush with the other units rather than protruding.

## WAECO CoolMatic CR-50

Premium built-in refrigerator in stainless steel finish for motorhomes, caravans, yachts and boats



**CR-50**  
**Built-in dimensions** (W x H x D)  
 380 x 534 x 447 mm (without door)  
**With standard frame:**  
 384 x 536 x 447 mm  
**With flush-mount frame:**  
 406 x 536 x 495 mm



<b>Gross capacity</b>	approx. 48 litres including 5-litre freezer compartment
<b>Voltage</b>	12 / 24 volts DC
<b>Average power consumption</b>	approx. 40 watts
<b>Current consumption</b>	1.4 Ah / h at +25°C ambient temperature 1.7 Ah / h at +32°C ambient temperature both at +5°C interior temperature and -18°C in the freezer compartment
<b>Insulation</b>	CFC-free polyurethane foam
<b>System</b>	Fully hermetic Danfoss BD35F compressor with integrated control electronics, low-voltage protection, electronic fuse / automatic reverse pole protection, dynamically ventilated wire tube condenser, mechanical, continuously variable thermostat
<b>Material</b>	Stainless steel fittings, plastic interior, plastic door frame, body with coated metal frame
<b>Colour</b>	Body: black, door frame: silver, door panel: matt-silver (brushed stainless steel appearance)
<b>Weight</b>	19 kg
<b>Quality features</b>	Interior light, door with magnetic seal, variable door mounts and locks right / left, door with double lock (top / bottom) and dual function (locking / ventilation), separately insulated *** freezer compartment, additional, foamed rear-wall evaporator in the interior, easy-to-change decor panel
<b>Test marks</b>	CE, TÜV/GS, e-approved to 2004/104/EC (Automotive EMC Directive)

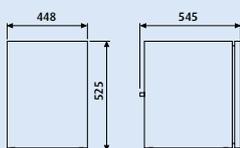
Product	Ref. No.
CoolMatic CR-50	CR-0050E
Standard installation frame for CR-50	EST-0050E
Flush-mount installation frame for CR-50	EFM-0050E
<b>Additional optional extra</b>	
Mains adapter 110-240 V > 24 V	MPS-35

## WAECO CoolMatic CR-65

Premium built-in refrigerator in stainless steel finish for motorhomes, caravans, yachts and boats



**CR-65**  
**Built-in dimensions** (W x H x D)  
 448 x 525 x 492 mm (without door)  
**With standard frame:**  
 452 x 527 x 492 mm  
**With flush-mount frame:**  
 474 x 527 x 540 mm



<b>Gross capacity</b>	approx. 64 litres including 7.2-litre freezer compartment
<b>Voltage</b>	12 / 24 volts DC
<b>Average power consumption</b>	approx. 45 watts
<b>Current consumption</b>	1.6 Ah / h at +25°C ambient temperature 1.9 Ah / h at +32°C ambient temperature both at +5°C interior temperature and -18°C in the freezer compartment
<b>Insulation</b>	CFC-free polyurethane foam
<b>System</b>	As for CR-50
<b>Material</b>	Stainless steel fittings, plastic interior, plastic door frame, body with coated metal frame
<b>Colour</b>	Body: black, door frame: silver, door panel: matt-silver (brushed stainless steel appearance)
<b>Weight</b>	20 kg
<b>Quality features</b>	As for CR-50
<b>Test marks</b>	CE, TÜV/GS, e-approved to 2004/104/EC (Automotive EMC Directive)

Product	Ref. No.
CoolMatic CR-65	CR-0065E
Standard installation frame for CR-65	EST-0065E
Flush-mount installation frame for CR-65	EFM-0065E
<b>Additional optional extra</b>	
Mains adapter 110-240 V > 24 V	MPS-35



Normal cooling and freezer compartment \*\*\*



Suitable for solar operation



Tropical-rated (equivalent to DIN EN ISO 7371)

Condensation drainage via hose connection or collection tank

Separately insulated \*\*\* freezer compartment

4 installation points for fastening from inside

Easy-to-change decor panel

Right-hinged door as standard

Standard or flush-mount installation frame available as accessory

230-volt connection with low-priced mains adapters (p. 90 - 93)

**WAECO CoolMatic CR-80**

Premium built-in refrigerator in stainless steel finish for motorhomes, caravans, yachts and boats

**CR-80****Built-in dimensions (W x H x D)**

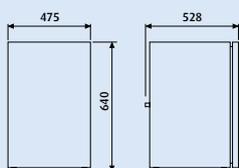
475 x 640 x 475 mm (without door)

**With standard frame:**

479 x 642 x 475 mm

**With flush-mount frame:**

501 x 642 x 523 mm



<b>Gross capacity</b>	approx. 80 litres including 7.9-litre freezer compartment
<b>Voltage</b>	12 / 24 volts DC
<b>Average power consumption</b>	approx. 48 watts
<b>Current consumption</b>	1.8 Ah/h at +25°C ambient temperature 2.1 Ah/h at +32°C ambient temperature both at +5°C interior temperature and -18°C in the freezer compartment
<b>Insulation</b>	CFC-free polyurethane foam
<b>System</b>	Fully hermetic Danfoss BD35F compressor with integrated control electronics, low-voltage protection, electronic fuse / automatic reverse pole protection, dynamically ventilated wire tube condenser, mechanical, continuously variable thermostat
<b>Material</b>	Stainless steel fittings, plastic interior, plastic door frame, body with coated metal frame
<b>Colour</b>	Body: black, door frame: silver, door panel: matt-silver (brushed stainless steel appearance)
<b>Weight</b>	23 kg
<b>Quality features</b>	Interior light, door with magnetic seal, variable door mounts and locks right / left, door with double lock (top / bottom) and dual function (locking / ventilation), separately insulated *** freezer compartment, additional, foamed rear-wall evaporator in the interior, easy-to-change decor panel
<b>Test marks</b>	CE, TÜV/GS, e-approved to 2004/104/EC (Automotive EMC Directive)

Product	Ref. No.
CoolMatic CR-80	CR-0080E
Standard installation frame for CR-80	EST-0080E
Flush-mount installation frame for CR-80	EFM-0080E
<b>Additional optional extra</b>	
Mains adapter 110–240 V > 24 V	MPS-35

**WAECO CoolMatic CR-110**

Premium built-in refrigerator in stainless steel finish for motorhomes, caravans, yachts and boats

**CR-110****Built-in dimensions (W x H x D)**

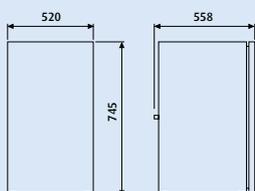
520 x 745 x 505 mm (without doors)

**With standard frame:**

524 x 747 x 505 mm

**With flush-mount frame:**

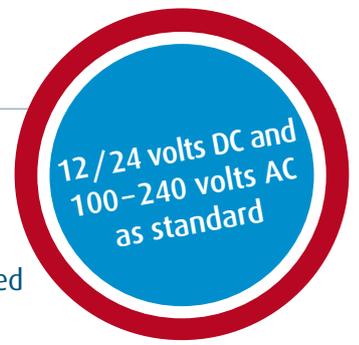
546 x 747 x 553 mm



<b>Gross capacity</b>	approx. 108 litres including 10.2-litre freezer compartment
<b>Voltage</b>	12 / 24 volts DC
<b>Average power consumption</b>	approx. 50 watts
<b>Current consumption</b>	2.2 Ah/h at +25°C ambient temperature 2.5 Ah/h at +32°C ambient temperature both at +5°C interior temperature and -18°C in the freezer compartment
<b>Insulation</b>	CFC-free polyurethane foam
<b>System</b>	As for CR-80
<b>Material</b>	Stainless steel fittings, plastic interior, plastic door frame, body with coated metal frame
<b>Colour</b>	Body: black, door frame: silver, door panel: matt-silver (brushed stainless steel appearance)
<b>Weight</b>	28 kg
<b>Quality features</b>	As for CR-80
<b>Test marks</b>	CE, TÜV/GS, e-approved to 2004/104/EC (Automotive EMC Directive)

Product	Ref. No.
CoolMatic CR-110	CR-0110E
Standard installation frame for CR-110	EST-0110E
Flush-mount installation frame for CR-110	EFM-0110E
<b>Additional optional extra</b>	
Mains adapter 110–240 V > 24 V	MPS-35

**Normal cooling and \*\*\* freezer compartment****Suitable for solar operation****Tropical-rated (equivalent to DIN EN ISO 7371)****Condensation drainage via hose connection or collection tank****Separately insulated \*\*\* freezer compartment****4 installation points for fastening from inside****Easy-to-change decor panel****Right-hinged door as standard****Standard or flush-mount installation frame available as accessory****230-volt connection with low-priced mains adapters (p. 90 – 93)**



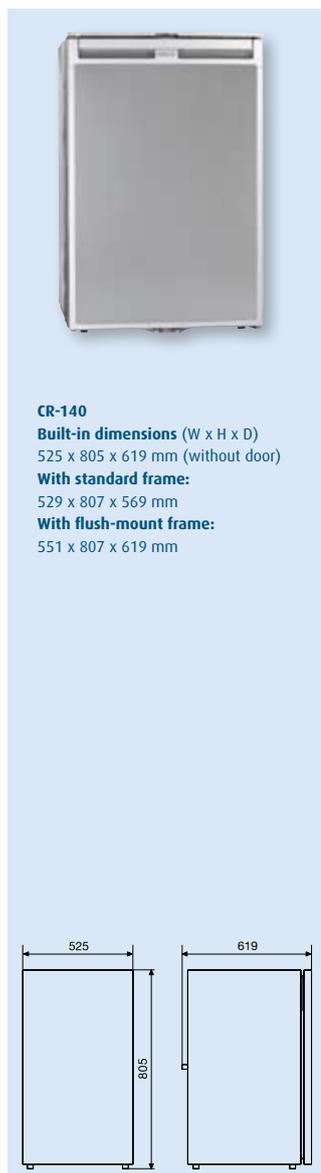
## CoolMatic CR-140

- › 136-litre capacity including 11.5-litre \*\*\* freezer compartment
- › Enhanced equipment: bottle holder, two spacious drawers, diverse storage trays
- › Ideal temperature regulation, optimal temperature distribution due to additional evaporator integrated in the interior
- › Tropical-rated equivalent to DIN EN ISO 7371
- › Double door lock (top/bottom), door lock with dual function (locking/ventilation)

### WAECO CoolMatic CR-140

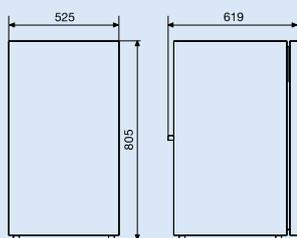
Premium built-in refrigerator in stainless steel finish for motorhomes, caravans, yachts and boats

4.24



#### CR-140

**Built-in dimensions (W x H x D)**  
525 x 805 x 619 mm (without door)  
**With standard frame:**  
529 x 807 x 569 mm  
**With flush-mount frame:**  
551 x 807 x 619 mm



<b>Gross capacity</b>	approx. 136 litres including 11.5-litre freezer compartment
<b>Voltage</b>	12 / 24 volts DC and 100–240 volts AC
<b>Average power consumption</b>	approx. 65 watts
<b>Current consumption</b>	2.3 Ah/h at +25°C ambient temperature 2.6 Ah/h at +32°C ambient temperature both at +5°C interior temperature and –18°C in the freezer compartment
<b>Insulation</b>	CFC-free polyurethane foam
<b>System</b>	Fully hermetic Danfoss BD50F compressor with integrated control electronics, low-voltage protection, electronic fuse / automatic reverse pole protection, dynamically ventilated wire tube condenser, mechanical, continuously variable thermostat
<b>Material</b>	Stainless steel fittings, plastic interior, plastic door frame, body with coated metal frame
<b>Colour</b>	Body: black, door frame: silver, door panel: matt-silver (brushed stainless steel appearance)
<b>Weight</b>	32 kg
<b>Quality features</b>	Interior light, door with magnetic seal, variable door mounts and locks right/left, door with double lock (top/bottom) and dual function (locking/ventilation), separately insulated *** freezer compartment, additional, foamed rear-wall evaporator in the interior, easy-to-change decor panel
<b>Test marks</b>	CE, TÜV/GS, e-approved to 2004/104/EC (Automotive EMC Directive)

Product	Ref. No.
CoolMatic CR-140	9105600002
Standard installation frame for CR-140	9105900001
Flush-mount installation frame for CR-140	9105900003



Normal cooling  
and \*\*\* freezer  
compartment



Suitable for  
solar operation



Tropical-rated  
(equivalent to  
DIN EN ISO 7371)



12 / 24 volts DC and  
100–240 volts AC

Condensation drainage  
via hose connection or  
collection tank

Separately insulated \*\*\*  
freezer compartment

Right-hinged door  
as standard

Standard or flush-mount  
installation frame  
available as accessory



## Small and smart at a good price

Compact refrigerator, elegant looks

With its matt-silver door panel the WAECO CoolMatic CRP-40 adds an elegant touch to the interior of smaller recreational vehicles. Inside, it is amazingly spacious: 39 litres cooling capacity including a generously dimensioned

freezer compartment. Well-proven Danfoss compressor technology makes for excellent cooling results, tailor-made installation frames for a flawless finish.

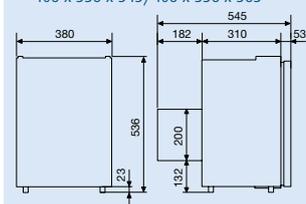
### WAECO CoolMatic CRP-40

Premium built-in refrigerator in stainless steel finish for motorhomes, caravans, yachts and boats

4.24



**Built-in dimensions** (without door, mm)  
**with / without cooling unit:**  
 380 x 534 x 492/380 x 534 x 310  
**With standard frame**  
**with / without cooling unit:**  
 384 x 536 x 492/384 x 536 x 310  
**With flush-mount frame**  
**with / without cooling unit:**  
 406 x 536 x 545/406 x 536 x 363



<b>Gross capacity</b>	approx. 39 litres including 5.3-litre freezer compartment
<b>Voltage</b>	12 / 24 volts DC
<b>Average power input</b>	approx. 40 watts
<b>Average running time</b>	23% at +20°C ambient temperature, 35% at +32°C ambient temperature, both at +5°C interior temperature
<b>Current consumption</b>	Power input x average running time
<b>Insulation</b>	CFC-free polyurethane foam
<b>System</b>	Fully hermetic Danfoss BD35F compressor with integrated control electronics, low-voltage protection, electronic fuse / automatic reverse pole protection, aluminium rollbond evaporator, mechanical, continuously variable thermostat, statically ventilated wire tube condenser
<b>Material</b>	Stainless steel fittings, plastic interior, body of coated sheet steel
<b>Colour</b>	Body: black, door frame: silver, door panel: matt-silver (brushed stainless steel appearance)
<b>Weight</b>	18 kg
<b>Quality features</b>	Door with magnetic seal, variable door mounts and locks right / left, door with double lock (top / bottom) and dual function (locking / ventilation), easy-to-change decor panel. <b>Where space is limited, the cooling unit can be fitted up to 1.5 m away from the refrigerator.</b>
<b>Test marks</b>	CE, E-approved to 2006/28/EC (Automotive EMC Directive)



Normal cooling and \*\*\* freezer compartment



Suitable for solar operation

Easy-to-change decor panel

Right-hinged door as standard

Standard or flush-mount installation frame available as accessory

Ideal in confined spaces: The cooling unit can be fitted separately



Product	Ref. No.
CoolMatic CRP-40	9105600001
Standard installation frame	EST-0050E
Flush-mount installation frame	EFM-0050E
<b>Additional optional extra</b>	
Mains adapter 110-240 V > 24 V	MPS-35



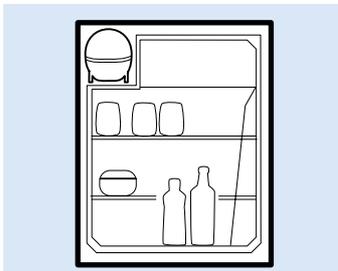
## Compressor refrigerators in absorption dimensions

Tailor-made for your motorhome or caravan

**CoolMatic MDC compressor refrigerators fit into your recreational vehicle as if they had been made to measure. This is because they have the same outer dimensions as commonly used absorption refrigerators but offer a considerably larger useful capacity. So they can easily replace them.**

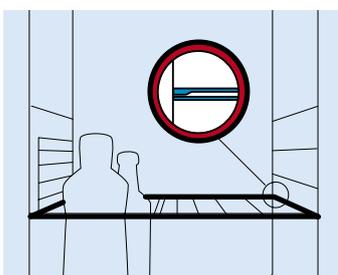
Here are some more reasons to convert: CoolMatic MDC refrigerators provide excellent cooling performance at extreme ambient temperatures and in inclined position. They work quietly and economically. Due to their outstanding energy efficiency, CoolMatic MDC refrigerators are ideally suited for operation with a solar unit.

## Optimum utilisation of space



### Interior

Space is in short supply on board a motorhome or caravan. Therefore, it's important to make the most of what's available. The interior design of the **CoolMatic MDC refrigerators** is a good example of how this can be done. Its optimum utilisation of space in height, width and depth, the **spacious freezer compartments**, the vertical space for **1.5-litre bottles** as well as the absence of unnecessary decorative elements illustrate the **well thought-out design**.



### Details

All **interior shelves are adjustable in height** and have a **retaining bar** at the front edge. A **special fixing device** makes sure that they stay firmly in place in all situations. **Fold-up sections in the shelves** provide additional room for large bottles or bulky items.

With patented  
**door lock** –  
safe and secure



CoolMatic MDC-50



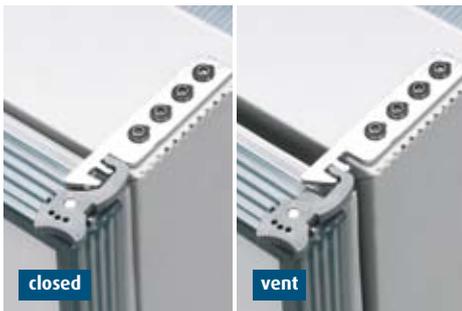
CoolMatic MDC-65



CoolMatic MDC-110



CoolMatic MDC-90



closed

vent



Spacious, separate freezer compartments for frozen food



Convenience day and night: interior light as standard



Left or right opening – either is possible with the variable door mounts

## Ventilation

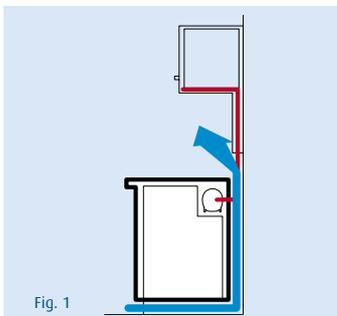


Fig. 1

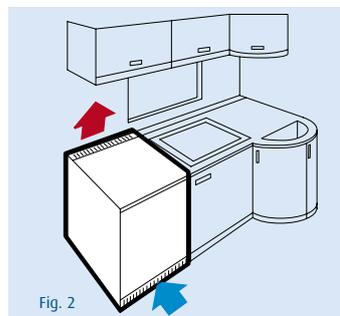


Fig. 2

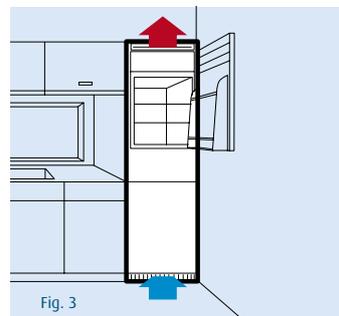


Fig. 3

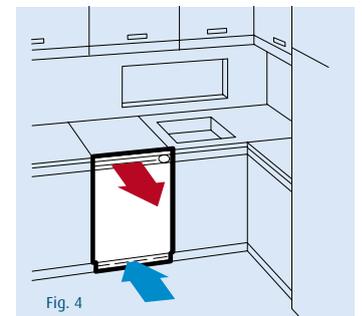


Fig. 4

**A big advantage with the CoolMatic MDC series: there is no need to install a gas supply,** and no need to drill holes in the body of your motor-home or caravan! An air intake/outlet is unnecessary either, provided you ensure adequate ventilation elsewhere.

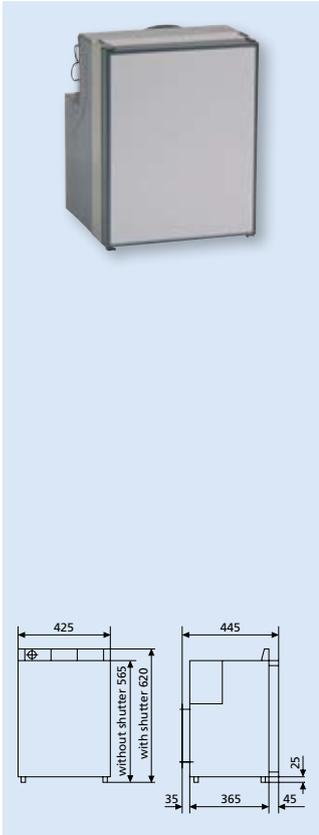
When installing your MDC refrigerator, you should always leave a small gap between it and the wall (**Fig. 1**). In the example given in **Fig. 2**, air intake is ensured by the gap between the fridge bottom and the floor. Air outlet is via

the shutter at the top rear of the refrigerator. Of course, you can also install your refrigerator at eye level. In that case, there should be enough space for air intake between the floor and the wall. Air outlet is via the shutter at the refrigerator front (**Fig. 3**).

Another example of how to provide optimum ventilation is shown in **Fig. 4**: air intake and outlet is through two shutters, at the top and bottom of the refrigerator front.

## WAECO CoolMatic MDC-50

Compressor refrigerator in absorption dimensions



<b>Gross capacity</b>	approx. 43 litres including approx. 4-litre freezer compartment
<b>Voltage</b>	12 / 24 volts DC
<b>Average power input</b>	approx. 45 watts
<b>Average running time</b>	25% at +20°C ambient temperature, 40% at +32°C ambient temperature, both at +5°C interior temperature
<b>Insulation</b>	35 mm solid polyurethane foam
<b>System</b>	Fully hermetic Danfoss BD35F compressor with integrated control electronics, low-voltage protection, electronic fuse / automatic reverse pole protection, statically ventilated wire tube condenser, aluminium rollbond evaporator, mechanical, continuously variable thermostat
<b>Material</b>	Body in plastic, middle section in coated sheet steel, inside door lining and interior: polystyrene
<b>Colour</b>	Door frame / body: grey, door panel: pale grey
<b>Weight</b>	15 kg
<b>Quality features</b>	Interior light, door with magnetic seal, variable door hinges and locks (right / left), door with double lock (top / bottom) and dual function (locking / ventilation)
<b>Scope of delivery</b>	Height-adjustable, coated folding grille with retaining bar and fixtures
<b>Test marks</b>	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

Product	Ref. No.
CoolMatic MDC-50	MDC-050
<b>Optional extras</b>	
Ventilation panel	8000G-003
Mains adapter 230 V > 24 V	EPS-100W
Mains adapter 110–240 V > 24 V	MPS-35

## WAECO CoolMatic MDC-65

Compressor refrigerator in absorption dimensions



<b>Gross capacity</b>	approx. 64 litres including approx. 10-litre freezer compartment
<b>Voltage</b>	12 / 24 volts DC
<b>Average power consumption</b>	approx. 45 watts
<b>Average running time</b>	30% at +20°C ambient temperature, 45% at +32°C ambient temperature, both at +5°C interior temperature
<b>Insulation</b>	35 mm solid polyurethane foam
<b>System</b>	Fully hermetic Danfoss BD35F compressor with integrated control electronics, low-voltage protection, electronic fuse / automatic reverse pole protection, statically ventilated wire tube condenser, aluminium rollbond evaporator, mechanical, continuously variable thermostat
<b>Material</b>	Body in plastic, middle section in coated sheet steel, inside door lining and interior: polystyrene
<b>Colour</b>	frame / body: grey, door panel: pale grey
<b>Weight</b>	20 kg
<b>Quality features</b>	Interior light, door with magnetic seal, variable door hinges and locks (right / left), door with double lock (top / bottom) and dual function (locking / ventilation)
<b>Scope of delivery</b>	Height-adjustable, coated folding grille with retaining bar and fixtures
<b>Test marks</b>	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

Product	Ref. No.
CoolMatic MDC-65	MDC-065
<b>Optional extras</b>	
Ventilation panel	8000G-002
Mains adapter 230 V > 24 V	EPS-100W
Mains adapter 110–240 V > 24 V	MPS-35



Normal cooling  
+10°C to +2°C and \*\*\*  
freezer compartment  
0°C to -18°C



Suitable for  
solar operation

Ventilation panel  
available as accessory

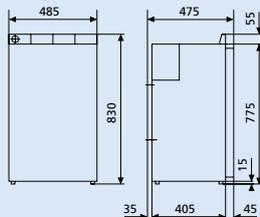
Large freezer  
compartment in the  
MDC-65

Right-hinged door  
as standard

230-volt connection  
with low-priced  
mains adapters  
(p. 90 – 93)

**WAECO CoolMatic MDC-90**

Compressor refrigerator in absorption dimensions



<b>Gross capacity</b>	approx. 90 litres including approx. 10-litre freezer compartment
<b>Voltage</b>	12 / 24 volts DC
<b>Average power consumption</b>	approx. 45 watts
<b>Average running time</b>	35% at +20°C ambient temperature, 50% at +32°C ambient temperature, both at +5°C interior temperature
<b>Insulation</b>	35 mm solid polyurethane foam
<b>System</b>	Fully hermetic Danfoss BD35F compressor with integrated control electronics, low-voltage protection, electronic fuse / automatic reverse pole protection, statically ventilated wire tube condenser, aluminium rollbond evaporator, mechanical, continuously variable thermostat
<b>Material</b>	Body in plastic, middle section in coated sheet steel, inside door lining and interior: polystyrene
<b>Colour</b>	Door frame / body: grey, door panel: pale grey
<b>Weight</b>	28 kg
<b>Quality features</b>	Interior light, door with magnetic seal, variable door hinges and locks (right/left), door with double lock (top/bottom) and dual function (locking / ventilation)
<b>Scope of delivery</b>	Two height-adjustable, coated folding grilles with retaining bar and fixtures, ventilation panel
<b>Test marks</b>	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

Product	Ref. No.
CoolMatic MDC-90	MDC-090
<b>Optional extras</b>	
Mains adapter 230 V › 24 V	EPS-100W
Mains adapter 110–240 V › 24 V	MPS-35



**Normal cooling**  
+10°C to +2°C and \*\*\*  
freezer compartment  
0°C to -18°C



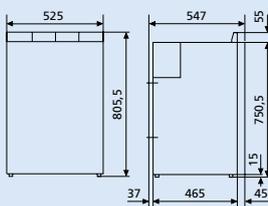
**Suitable for**  
solar operation

**Ventilation panel**  
included  
Large freezer

**Right-hinged door**  
as standard

**WAECO CoolMatic MDC-110**

Compressor refrigerator in absorption dimensions



<b>Gross capacity</b>	approx. 110 litres including approx. 13-litre freezer compartment
<b>Voltage</b>	12 / 24 volts DC
<b>Average power consumption</b>	approx. 45 watts
<b>Average running time</b>	40% at +20°C ambient temperature, 55% at +32°C ambient temperature, both at +5°C interior temperature
<b>Insulation</b>	35 mm solid polyurethane foam
<b>System</b>	Fully hermetic Danfoss BD35F compressor with integrated control electronics, low-voltage protection, electronic fuse / automatic reverse pole protection, statically ventilated wire tube condenser, aluminium rollbond evaporator, mechanical, continuously variable thermostat
<b>Material</b>	Body in plastic, middle section in coated sheet steel, inside door lining and interior: polystyrene
<b>Colour</b>	Door frame / body: grey, door panel: pale grey
<b>Weight</b>	30.5 kg
<b>Quality features</b>	Interior light, door with magnetic seal, variable door hinges and locks (right/left), door with double lock (top/bottom) and dual function (locking / ventilation)
<b>Scope of delivery</b>	Two height-adjustable, coated folding grilles with retaining bar and fixtures, ventilation panel
<b>Test marks</b>	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

Product	Ref. No.
CoolMatic MDC-110	MDC-110
<b>Optional extras</b>	
Mains adapter 230 V › 24 V	EPS-100W
Mains adapter 110–240 V › 24 V	MPS-35

**230-volt connection**  
with low-priced  
mains adapters  
(p. 90 – 93)



## Electronic accessories for coolers and refrigerators

### Handy helpers on board

Limitations on using your mobile fridge? Don't accept them, but overcome them – with the right kind of product from the WAECO CoolPower range. WAECO CoolPower stands for electronic accessories which decisively expand the application possibilities of mobile refrigeration – regardless of whether you've got a thermoelectric or compressor-powered cooling appliance.

The CoolPower voltage monitor keeps the cooler going without exhausting the vehicle battery. You'd like to run your 12-volt thermoelectric cooler from the 24-volt

battery of your utility vehicle? Go ahead – it's no problem with a CoolPower voltage converter. You want a mains connection for your portable compressor cooler, if possible worldwide? Even if that connection is not provided as standard, you can enjoy fresh snacks and cool drinks in your holiday home or hotel room thanks to the CoolPower mains adapter.

**The CoolPower range offers a solution to any refrigeration problem and to any on-board situation – a solution to depend on!**



## Mobile cooling with 230 volts!

Mains hook-up for your thermoelectric 12-volt cooler. With the CoolPower EPS 817 mains adapter, you can run your cooler from a mains supply in a hotel room, at a campsite or at home.

### WAECO thermoelectric coolers

WAECO CoolPower EPS 817, mains adapter 230 volts > 12 volts

Page 92



For operating WAECO compressor appliances at 230 volts, the CoolPower EPS 100 is the product to use. It provides an automatic mains priority circuit for 12 / 24 volt vehicle batteries, is suitable for mobile use and for permanent installation in the vehicle.

### WAECO compressor coolers:

WAECO CoolPower EPS 100, mains adapter 230 volts > 24 volts

Page 93



## Mains power worldwide!

Boundless energy: WAECO CoolPower multi-voltage mains adapters operate in an input voltage range from 110 to 240 volts AC. Therefore, you and your WAECO cooling appliance will cope with the mains supplies of nearly all continents (Europe, America, Asia).

### WAECO compressor cooling appliances with Danfoss BD35F compressor:

WAECO CoolPower MPS 35 mains adapter 110–240 volts > 24 volts

Page 93

### WAECO compressor cooling appliances and all models with BD50F compressor:

WAECO CoolPower MPS 50 mains adapter 110–240 volts > 24 volts

Page 93



## Always the perfect battery voltage!

WAECO CoolPower voltage monitors make sure you won't have any problems, even if you forgot to disconnect your cooler when you parked the car. When the battery voltage drops, the unit automatically switches the cooler off – and back on again when the voltage returns to normal.

### WAECO thermoelectric coolers:

WAECO CoolPower M 50U voltage monitor 12 volts

Page 92

### WAECO compressor coolers:

Good for you – these units come with an integrated voltage monitor as standard!



## How you turn 24 volts into 12 volts!

You've got a 12-volt cooler, but your motorhome, your truck or your boat has a 24-volt connection? Don't worry. Take the cooler anyway, but don't forget the voltage converter. That way you can be sure your 12-volt unit is supplied with the right type of voltage.

### WAECO thermoelectric coolers:

WAECO CoolPower 804K, voltage converter 24 volts > 12 volts

Page 92

### WAECO compressor coolers:

12 / 24-volt connection available as standard; no need for a converter!

## WAECO CoolPower M 50U

3.17

Voltage monitor for 12-volt applications

Always the perfect battery voltage: voltage monitor integrated in the supply cable, for universal 12-volt applications with cigarette lighter socket as output.

Enables automatic cut-off at low battery voltage and cut-in at normal voltage. Status indicated by LEDs.



<b>Cut-off voltage</b>	<b>11.6 volts DC</b>
<b>Cut-in voltage</b>	12.8 volts DC
<b>Current</b>	5 A max
<b>Quality features</b>	Status read-out by LEDs, ready for connection with cigarette lighter plug
<b>Test marks</b>	e-approved to 2006/28/EC (Automotive EMC Directive)

Protects the vehicle battery from excessive discharging

Designed for universal use

Product	Ref. No.
Voltage monitor 12 V 5 A	M-50U-12

## WAECO CoolPower 804 K

3.17

Voltage converter 24 volts > 12 volts

For operation of thermoelectric coolers and other insulated electric consumers that are connected to the battery for longer times.



<b>Input voltage</b>	<b>20–30 volts DC</b>
<b>Output voltage</b>	12.5 volts DC $\pm 10\%$
<b>Energy efficiency</b>	max. 90%
<b>Short-time load</b>	6 A / 70 watts
<b>Continuous load</b>	4 A / 48 watts
<b>No-load current input max.</b>	60 mA
<b>Dimensions (W x H x D)</b>	53 x 45 x 120 mm
<b>Weight</b>	0.25 kg
<b>Quality features</b>	Energy-saving switch mode design with connection socket
<b>Test marks</b>	e-approved to 2006/28/EC (Automotive EMC Directive)

12-volt coolers in 24-volt vehicles

Product	Ref. No.
Voltage converter 24 V > 12 V	804K-2412

## WAECO CoolPower EPS 817

3.17

Mains adapter for connecting thermoelectric 12-volt cooling appliances to the 230-volt mains supply.

Ideal for use at home, in a hotel, on a campsite, in a weekend cottage etc.



<b>Input voltage</b>	<b>230 volts AC / 50 Hz</b>
<b>Output voltage</b>	13 volts DC
<b>Continuous load</b>	6 A
<b>Dimensions (W x H x D)</b>	115 x 65 x 170 mm
<b>Weight</b>	0.6 kg
<b>Test marks</b>	GS, CE

Problem-free mains operation for thermoelectric 12-volt cooling appliances

Product	Ref. No.
Mains adapter 230 V > 12 V	EPS-817U

## WAECO CoolPower EPS 100

3.17

Mains adapter for hassle-free connection of 12-/24-volt cooling appliances to the 230-volt mains.  
Suitable for all WAECO compressor cooling appliances – except for those with Danfoss BD50F compressor.



<b>Input voltage</b>	<b>230 volts AC</b>
<b>Output voltage</b>	25 volts DC
<b>Automatic priority</b>	100 watts
<b>Battery voltage</b>	12 / 24 volts DC
<b>Output current</b>	4 A
<b>Dimensions (W x H x D)</b>	115 x 65 x 170 mm
<b>Weight</b>	approx. 0.7 kg
<b>Quality features</b>	Switch mode, automatic priority for mains operation
<b>Test mark</b>	CE

Mains power for all WAECO compressor appliances – except those with Danfoss BD50F compressor

Ideal for permanent installation

Automatic priority circuit for mains operation

Product	Ref. No.
Mains adapter 230 V > 24 V	EPS-100W

## WAECO CoolPower MPS 35

3.17

Mains adapter for hassle-free connection of 12-/24-volt cooling appliances to 110–240-volt mains systems.  
Suitable for all WAECO cooling appliances with Danfoss BD35F compressor.



<b>Input voltage</b>	<b>110–240 volts AC</b>
<b>Output voltage</b>	25 volts DC
<b>Output power</b>	110 watts
<b>Battery voltage</b>	12 / 24 volts DC
<b>Output current</b>	3 A
<b>Dimensions (W x H x D)</b>	115 x 55 x 160 mm
<b>Weight</b>	approx. 0.7 kg
<b>Quality features</b>	Switch mode, automatic priority for mains operation
<b>Test marks</b>	GS, CE

Mains power for all WAECO compressor appliances with Danfoss BD35F compressor

Ideal for permanent installation

Automatic priority circuit for mains operation

Product	Ref. No.
Mains adapter 110–240 V > 24 V	MPS-35

## WAECO CoolPower MPS 50

3.17

Mains adapter for hassle-free connection of 12-/24-volt cooling appliances to 110–240-volt mains systems.  
Suitable for all WAECO cooling appliances with Danfoss BD35F / BD50F compressor.



<b>Input voltage</b>	<b>110–240 volts AC</b>
<b>Output voltage</b>	27 volts DC
<b>Output power</b>	150 watts
<b>Battery voltage</b>	12 / 24 volts DC
<b>Output current</b>	6 A
<b>Dimensions (W x H x D)</b>	120 x 70 x 200 mm
<b>Weight</b>	approx. 1 kg
<b>Quality features</b>	Switch mode, automatic priority for mains operation
<b>Test mark</b>	CE

Mains power for all WAECO compressor appliances with Danfoss BD35F / BD50F compressor

Ideal for permanent installation

Automatic priority circuit for mains operation

Product	Ref. No.
Mains adapter 110–240 V > 24 V	MPS-50



# Mobile climate solutions

Roof air conditioners

102 – 111

Under-bench air conditioner

112 – 113





## Dometic air conditioners: Travelling the pleasant way

The idea of going on holiday in your recreational vehicle is to explore new ground – not going without the comfort you are used to at home. A Dometic air conditioner enables you to enjoy the same pleasant temperatures wherever you are. Powered by strong and energy-saving technology it offers high cooling performance for optimum comfort. The humidity in the air is effectively reduced, dirt and dust particles are filtered out. That's how Dometic air conditioners ensure you always travel in comfort.

# Climate as desired

**Take your pick:** the Dometic range offers air conditioners in all performance categories – including models with manual temperature control or automatic air conditioning, with integrated heating or a heat pump. Roof mounting allows for maximum efficiency and use of space. An ingenious system based on nature's own example: warm air is drawn in and cooled down, while cool air sinks down naturally. The under-bench air conditioner is a genuine innovation in climate control technology: supplied with a heat pump, it offers cooling as well as heating.

**Hot or cold days, roof mounting or installation inside the vehicle: Dometic has the right solution for every situation!**

## ■ Roof air conditioners



Dometic B 1500S

## ■ Under-bench air conditioners



Dometic HB 2500

- **Fast and easy roof mounting:** normally the air conditioners simply replaces the existing roof window. Dometic roof air conditioners have been adapted to the measurements of commonly used roof windows.
- **Efficient operation:** roof air conditioners use the physical principle that cold air sinks. The cold air streams are spread in the vehicle interior in an energy-saving manner and without performance loss.

- **Under-bench installation:** retain full use of the roof window of your caravan or motorhome. The roof load and outside dimensions of the vehicle are not affected. The air distribution can be flexibly adapted to the specific situation inside the vehicle.
- **High energy efficiency:** the heat pump principle enables a cooling capacity of 2500 watts and an amazing 3000 watts of heating power – at a maximum power draw of 1100 watts!



Best for  
vehicle length Page

Model	Best for vehicle length	Page
Dometic CA 1000	up to 5 m	102 – 103
Dometic B 1100S	up to 5 m	104 – 105
Dometic B 1500S	up to 6 m	104 – 105
Dometic B 1600PLUS	up to 6 m	106 – 109
Dometic B 2200	up to 7 m	106 – 109
Dometic B 2600	up to 8 m	106 – 109
Dometic B 3200	8 m plus	110 – 111



Best for  
vehicle length Page

Model	Best for vehicle length	Page
Dometic HB 2500	up to 8 m	112 – 113



## Extras for refreshing independence

The Dometic air conditioning programme gives wide scope for individual planning: it has the matching solution for every installation need, every desired comfort level and every budget. A comprehensive range of accessories guarantees total independence from an external power supply. Regardless of where you decide to stop, the right type of Dometic generator makes you independent from the 230-volt mains supply. A DC kit powers your air conditioner during the journey.

### ■ Generators – autonomous 230-volt stationary operation

Enjoy your holidays, far from all the crowds and noise – yet still in perfect comfort. A Dometic generator allows you to run your air conditioner wherever you are, even when no mains supply is available. The well-proven units are

available in different performance ratings. Choose the model to match your Dometic air conditioner, and remember to add a little “extra” capacity for tools, domestic appliances, or charging the vehicle batteries.

### Which generator matches which air conditioner?

	TEC 29/29LPG/30EV	TEC 40	T 2500 H	T 4000 H
CA 1000	■	■	■	
B 1100S	■	■	■	
B 1500S	■	■	■	
B 1600PLUS	■	■	■	
B 2200	■	■	■	
B 2600	■	■		■
B 3200	■	■		■
HB 2500	■	■		■

For more information about generators and technical details see p. 118 – 125, or visit [www.dometic-waeco.com/en/generators](http://www.dometic-waeco.com/en/generators)



Dometic TEC 29

■ 12-volt DC kits for air conditioning while driving

**Dometic air conditioners give you perfect climate control wherever you are: at your holiday destination and on the way there. For many models we offer matching DC kits for mobile operation from the 12-volt vehicle battery.**

With a DC kit you can run your Dometic air conditioner while driving to boost the capacity of your vehicle A/C. You can choose from three models with different performance levels, features and functions [not designed for heating].

**Which kit matches which air conditioner?**

	DC-Kit-1	DC-Kit-2	DC-Kit-3
CA 1000	■		■
B 1600PLUS		■	■
B 2200		■	■
HB 2500			■



DC-Kit-1



DC-Kit-3

**DC-Kit-1 / DC-Kit-2**

Standard model with 1000 or 1600 watts continuous output. Inverter with sinusoidal output voltage. Charging current distributor with low-voltage protection. Mains priority circuit. Remote control.

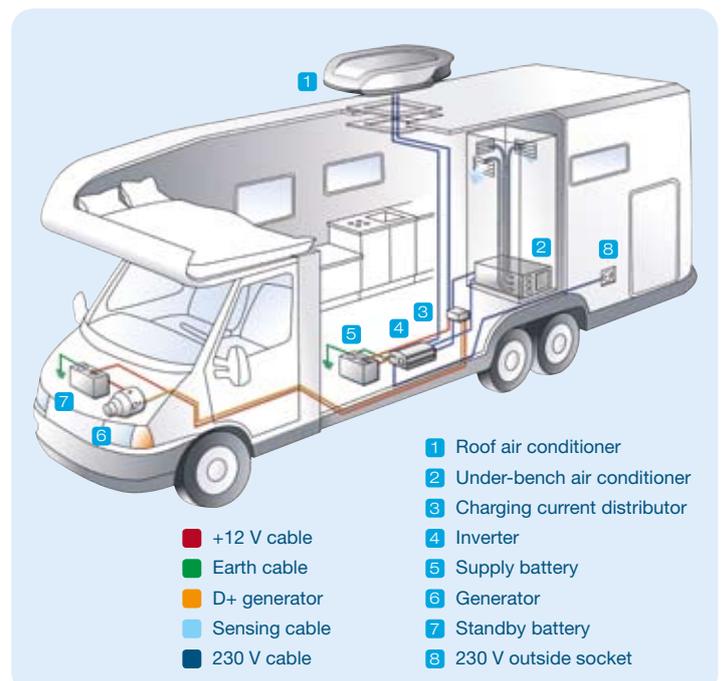
**DC-Kit-3**

Comfort model with 1500 watts continuous output. High-quality sine wave inverter. Additional 230-volt socket for other electric appliances. Charging current distributor with low-voltage protection. Mains priority circuit. Remote control.

■ Perfect energy management with charging current distributor

All three DC kits come standard with a charging current distributor with low-voltage protection. The charging current distributor enables optimal energy efficiency while driving. With its assistance, the air conditioner can be perfectly integrated into the vehicle's energy management system. The unit regulates the current distribution between the starter battery, supply battery and the generator. At the same time, it prevents overload of batteries or onboard electronics. If the generator's capacity is insufficient and the energy required is drawn from the batteries, the charging current distributor turns the air conditioner off for a short period of time to prevent excessive discharging of the starter battery.

Once the batteries have been recharged, the system is automatically turned on again.



## Air conditioners

### CA 1000



### B 1100S



### B 1500S

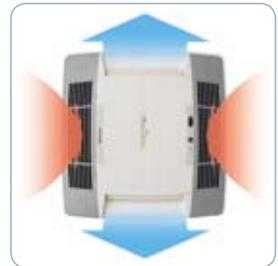


### B 1600PLUS



<b>Cooling capacity</b> [watts/Btu/h]	1000/3400	1000/3400	1500/5200	1500/5200
<b>Heating capacity</b> [watts]	—	800	800	800
<b>Power consumption</b> Cooling/heating [watts] Heat pump [watts]	450/— —	500/800 —	650/800 —	650/800 —
<b>Input voltage</b>	230 volts AC/50 Hz	230 volts AC/50 Hz	230 volts AC/50 Hz	230 volts AC/50 Hz
<b>Current consumption</b> Cooling/heating [A] Heat pump [A]	2.3/— —	2.1/3.5 —	2.9/3.5 —	2.9/3.5 —
<b>Necessary circuit protection</b> [Campsite, A, delay fuse]	3	4	4	4
<b>Refrigerant</b>	R134a	R407c	R407c	R407c
<b>Dimensions</b> [W x H x D mm]	565 x 199 x 690	650 x 235 x 980	650 x 235 x 980	650 x 235 x 980
<b>Roof opening</b> [W x D mm]	400 – 435 x 400 – 435	400 x 400	400 x 400	400 x 400
<b>Roof thickness</b> [mm]	35 – 50	25 – 45	25 – 45	30 – 80
<b>Weight</b> [kg]	22	29	33	33
<b>Test marks</b>	TÜV/GS, e-approved to EMC automotive directive	E-approved to EMC automotive directive	E-approved to EMC automotive directive	E-approved to EMC automotive directive

## Air distribution



<b>Remote control</b>	No	No	No	Yes
<b>Number of blower speeds</b>	2	2	2	4
<b>Functions</b>	Temperature pre-setting [+17°C to +30°C] Automatic mode Cooling	Thermostat temperature control Cooling/heating Air filter	Thermostat temperature control Cooling/heating Air filter	Night-time control Timer Temperature pre-setting [+18°C to +40°C] Automatic mode Cooling/heating Lighting ON/OFF
<b>Number of air vents</b>	4	1 [front]	1 [front]	2 [1 each front/rear]
<b>Air vent functions</b>	Can be closed separately, turned or adjusted in tilt	Adjustable in tilt	Adjustable in tilt	Continuous air flow regulation for all outlets
<b>Special features</b>	Super-compact design, 22 kg, just 20 cm high	Extra-flat air diffuser system	Extra-flat air diffuser system	Air diffuser with integrated lighting

### Best for vehicle length



up to 5 m



up to 5 m



up to 6 m



up to 6 m

### Optional: DC kits for 12-volt operation

DC-Kit-1  
DC-Kit-3

—

—

DC-Kit-2  
DC-Kit-3

### Optional: Matching generators

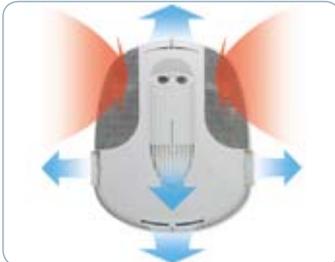
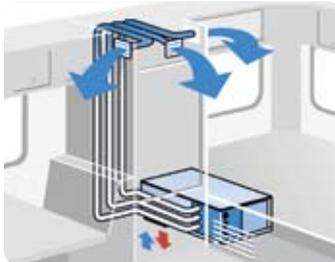
TEC 29, TEC 29LPG,  
TEC 30EV, TEC 40, T 2500H

TEC 29, TEC 29LPG,  
TEC 30EV, TEC 40, T 2500H

TEC 29, TEC 29LPG,  
TEC 30EV, TEC 40, T 2500H

TEC 29, TEC 29LPG,  
TEC 30EV, TEC 40, T 2500H

B 2200	B 2600	B 3200	HB 2500
	<b>NEW</b> 		
2200/7500	2500/8500	3200/10900	2500/8500
1200	3300*	1600	3000**
910/1200 —	1200/1350 1350	1350/1600 —	900/1100 1100
230 volts AC/50 Hz	230 volts AC/50 Hz	230 volts AC/50 Hz	230 volts AC/50 Hz
4.0/5.2 —	4.0/5.2 5.2	6.3/6.9 —	3.9/4.8 4.8
6	6	10	6
R407c	R407c	R407c	R410a
650 x 235 x 980	650 x 235 x 980	737 x 245 x 1025	400 x 280 x 710
400 x 400	400 x 400	355 x 355	—
30 – 80	30 – 80	110	—
34	40.5	45	24.9
E-approved to EMC automotive directive	e-approved to EMC automotive directive	E-approved to EMC automotive directive	E-approved to EMC automotive directive

			
Yes	Yes	No	Yes
4	4	3	3
Night-time control Timer Temperature pre-setting [+18°C to +40°C] Automatic mode Cooling/heating Lighting ON/OFF	Night-time control Timer Temperature pre-setting [+18°C to +40°C] Automatic mode Cooling/heating Lighting ON/OFF	Thermostat temperature control Cooling/heating/ recirculating air	Clock Temperature pre-setting [+18°C to +40°C] Automatic mode Cooling/heating
2 [1 each front/rear]	2 [1 each front/rear]	5 [1 each front/rear/ left/right/bottom]	3 air outlets [optional] to be fitted as required
Continuous air flow regulation for all outlets	Continuous air flow regulation for all outlets	Can be closed separately	
Air diffuser with integrated lighting	Energy-efficient heat pump system	Air circulation mode can be activated separately	Energy-efficient heat pump system

			
up to 7 m	up to 8 m	8 m plus	up to 8 m
DC-Kit-2 DC-Kit-3	—	—	DC-Kit-3
TEC 29, TEC 29LPG, TEC 30EV, TEC 40, T 2500H	TEC 29, TEC 29LPG, TEC 30EV, TEC 40, T 4000H	TEC 29, TEC 29LPG, TEC 30EV, TEC 40, T 4000H	TEC 29, TEC 29LPG, TEC 30EV, TEC 40, T 4000H



## The clever compact class

This air conditioner fits any RV and any budget! The favourably priced Dometic CA 1000 is amazingly **compact**. At a flat height of 20 cm it is ideal for installation in **smaller caravans, motorhomes and panel vans**.

The powerful compressor system is quick and easy to install – in an existing or newly cut roof opening. Due to its low starting current, the CA 1000 works simply everywhere and without fail, even on campsites with low electrical circuit protection. Two optional DC kits are available for mobile operation. **Small is smart – welcome to the compact class of vehicle air conditioning!**

- Super compact, aerodynamic design, low weight
- Perfect installation results, air conditioner adjusts to the roof thickness
- Energy-saving, pleasantly quiet running
- Two blower speeds, manual or automatic operation
- Temperature and blower speed set by control panel
- Designed for stationary operation [230 volts]
- In combination with DC-Kit-1 or DC-Kit-3 also for mobile operation [12 volts]
- Impeccable operation on all European campsites due to low starting current [ $< 3\text{ A}$ ]



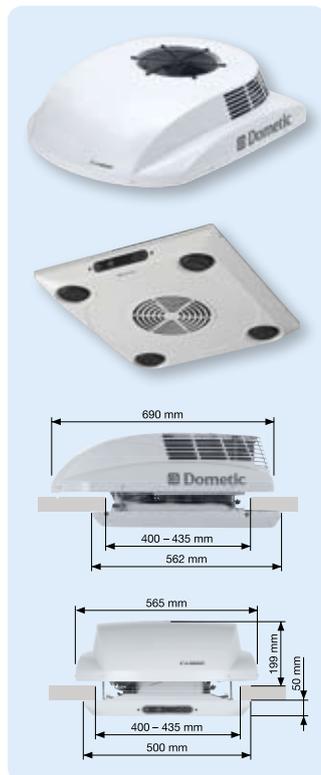
### ■ Two different air zones in one vehicle

Optimum conditions for living and sleeping: Dometic CA 1000 brings domestic standards to your mobile home. The ultra-compact, space-saving design allows for problem-free installation of two units on the roof of larger caravans to create separate air zones inside. The roof load is relatively low, as the weight of two CA 1000s is virtually the same as a conventional single roof air conditioner. Given you have a large enough vehicle, you can also combine the CA 1000 with other Dometic air conditioners.

## Domestic CA 1000

Roof air conditioner with 1000-watt cooling capacity, for 230-volt stationary operation, 12-volt mobile operation with optional DC kit

2.08



<b>Cooling capacity</b>	1000 watts/3400 Btu/h
<b>Power consumption</b>	450 watts
<b>Input voltage</b>	230 volts AC/50 Hz
<b>Current consumption</b>	2.3 A
<b>Necessary circuit protection</b> [campsite]	3 A delay fuse
<b>Number of blower speeds</b>	2/automatic
<b>Thermostat temperature control</b>	yes
<b>Refrigerant</b>	R134a
<b>Dimensions [W x H x D]</b>	565 x 199 x 690 mm
<b>Roof opening/roof thickness</b>	400 – 435 x 400 – 435 mm/35 – 50 mm For a smaller roof thickness, use shorter bolts
<b>Weight</b>	approx. 22 kg*
<b>Test marks</b>	TÜV/GS, e-approved to EMC automotive directive
<b>Scope of delivery</b>	Roof air conditioner, mounting frame, air diffuser unit, fixing materials, installation and operating instructions

\* plus fixing materials

Product	Ref. No.
Domestic CA 1000	9100100003
<b>Optional extra</b> Protective cover	9100300004



For vehicles up to 5 m long



Cooling



For 230 V AC stationary operation

Four individually adjustable air vents

Digital control panel display shows temperature and blower speed

## DC-Kit-1

Standard kit for 12-volt mobile operation, optional accessory

2.08



<b>Current consumption [12 volts DC]</b>	30 to 40 A
<b>Recommended generator capacity</b>	≥ 75 A
<b>Recommended total battery capacity</b>	≥ 80 Ah
<b>Continuous output</b>	1000 watts
<b>Dimensions [W x H x D]</b> Inverter	210 x 77 x 300 mm
<b>Scope of delivery:</b> Inverter [sine-wave-like output voltage, with mains priority circuit], remote control incl. 5 m control cable, 2 battery cables 16 mm <sup>2</sup> [1.5 m long], 230-volt connection cable, charging current distributor with relay	

Product	Ref. No.
DC-Kit-1 standard kit for 12-volt mobile operation	9100300003



For operation on 12 volts DC

## DC-Kit-3

Comfort kit for 12-volt mobile operation, optional accessory

2.08



<b>Current consumption [12 volts DC]</b>	30 to 40 A
<b>Recommended generator capacity</b> [depending on the power drawn by additional electrical appliances]	≥ 75 A
<b>Recommended total battery capacity</b>	≥ 80 Ah
<b>Continuous output</b>	1500 watts
<b>Dimensions [W x H x D]</b> Inverter Mains priority circuit	191 x 88 x 415 mm 190 x 80 x 80 mm
<b>Scope of delivery:</b> Sine wave inverter, remote control incl. 7.5 m control cable, mains priority circuit with 2 power sockets, 2 battery cables 35 mm <sup>2</sup> [1.5 m long], 2 pieces of 230-volt connection cable, charging current distributor with power relay	

Product	Ref. No.
DC-Kit-3 comfort kit for 12-volt mobile operation	9100300002



For operation on 12 volts DC



## With extra-flat air diffuser unit

**Flat, aerodynamic and pleasantly quiet: the B 1100S roof air conditioner excels with its high performance and low energy consumption.** That means it is even better than the well-proven forerunner model, which has been chosen by leading manufacturers of recreational vehicles for years. Its ultra-flat design reduces vibration and, what's more, makes installation even easier.

**With the Dometic B 1500S, we offer you an optimised version of one of the most popular air conditioners in Europe.** Having the same size and aerodynamics as the B 1100S, it offers an extra 500 watts in performance. Both models feature an **extra flat air diffuser unit** which gives you more headroom, for example, when opening the bathroom door without catching at the top.



- Flat, aerodynamic design
- Perfect installation results, air conditioner adjusts to the roof thickness
- Extra-flat air diffuser unit
- Pleasantly quiet operation
- Two-speed blower with improved air circulation
- Temperature and blower speed set by control panel
- Additional heating function
- Safe operation, tilt-insensitive up to 10 degrees
- Designed for stationary operation [230 volts]
- Circuit protection for campsites: 4 A delay fuse

### ● Easy-fit system

Safe fastening with just four bolts – the easy-fit system makes it possible [available for Dometic B 1100S and B 1500S models].

Perfect installation results are guaranteed, because your air conditioner will adjust to any roof thickness between 25 and 45 mm. For roof thicknesses up to 75 mm thick you can use an adapter to get a neat finish.

### Dometic B 1100S / B 1500S

Roof air conditioners with 1000- or 1500-watt cooling capacity, for 230-volt stationary operation

2.10



	B 1100S	B 1500S
<b>Cooling capacity</b>	1000 watts/3400 Btu/h	1500 watts/5200 Btu/h
<b>Heating capacity</b>	800 watts	800 watts
<b>Power consumption</b> cooling/heating mode	500/800 watts	650/800 watts
<b>Input voltage</b>	230 volts AC/50 Hz	
<b>Current consumption</b> cooling/heating mode	2.1/3.5 A	2.9/3.5 A
<b>Necessary circuit protection</b> [campsite]	4 A delay fuse	
<b>Number of blower speeds</b>	2	
<b>Thermostat temperature control</b>	yes	
<b>Refrigerant</b>	R407c	
<b>Dimensions [W x H x D]</b>	650 x 235 x 980 mm	
<b>Roof opening</b>	400 x 400 mm	
<b>Roof thickness</b> without/with adapter	25 – 45 mm/up to 75 mm	
<b>Weight</b>	approx. 29 kg	approx. 33 kg
<b>Test marks</b>	E-approved to EMC automotive directive	
<b>Scope of delivery</b>	Roof air conditioner, mounting frame, air diffuser unit, fixing materials, installation and operating instructions	

Product	Ref. No.
Dometic B 1100S	9100100004
Dometic B 1500S	9100100005
<b>Accessories</b>	
Adapter set for B 1100S + B 1500S	9100300020



For vehicles  
B 1100S: up to 5 m long  
B 1500S: up to 6 m long



Cooling and heating



For 230 V AC  
stationary operation

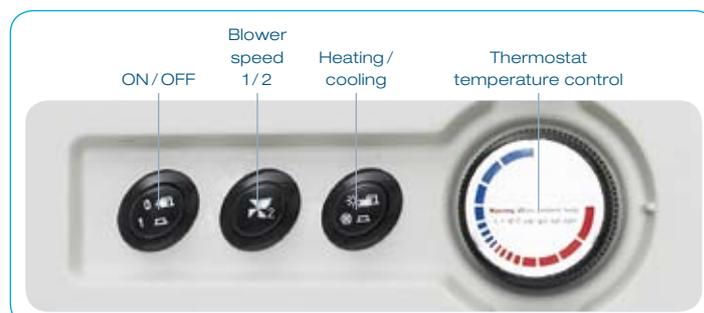
Extra-flat  
air diffuser

Pleasantly quiet  
running

#### ■ Extra-flat and easy to operate



A comfortable climate – it's child's play now: the air diffuser unit of the S series uses three sensor switches and one rotary knob. ON, select blower speed, activate cooling or heating mode, set the desired temperature – then lean back and relax. **The extra-flat design saves valuable space inside.**





## Air conditioning comfort for larger vehicles

**One of the most popular air conditioners in Europe has been improved, equipped with additional luxury features and is available in three different output versions. The result is the Dometic B 1600PLUS, B 2200 and B 2600 compressor roof air conditioners.**

Designed for medium and large recreation vehicles, it is easy to install with perfect results. Additional benefits include the user-friendly remote control and integrated lighting. This compact unit delivers fresh, dehumidified air free from dust and dirt. Thanks to a patented diffuser system, air distribution is possible front or back separately, or both front and back together. Heating? That's also easy for this deluxe air conditioner which quickly becomes an absolute must-have accessory on board.

- Flat, aerodynamic design
- Perfect installation results, air conditioner adjusts to the roof thickness
- Pleasantly quiet operation
- Individual air flow regulation with automatic blower control
- Convenient remote control
- Control panel with integrated lighting
- Additional heating function
- Energy-efficient heat pump system [B 2600 only]
- Safe operation, tilt-insensitive up to 10 degrees
- Designed for stationary operation [230 volts]
- B 1600PLUS/B 2200 can also be used with DC-Kit-2 or DC-Kit-3 accessories for mobile operation [12 volts]
- Circuit protection for campsites: 4 A [B 1600PLUS] or 6 A [B 2200, B 2600] delay fuse

## Innovative air distribution

What makes the Dometic B 1600PLUS, B 2200 and B 2600 air conditioners so convenient? They are equipped with an elegant diffuser unit which offers several extras. You can direct the air flow just as you want using a slide switch on the air diffuser unit:

front only, back only, or front and back together. Four lamps fitted and concealed behind the cover produce a gentle, unobtrusive light.



### Convenient remote control

At the touch of a button, you can control all the functions of your Dometic air conditioner easily with the remote control. The digital display shows the selected settings, such as temperature, fan speed, battery status, timer etc.



- 1 ON/OFF
- 2 Temperature setting
- 3 Fan speed
- 4 Operating mode
- 5 Digital status display

## B 2600: air conditioner with efficient heat pump technology

**From a technical point of view, the B 2600 offers a special feature as it is the very first Dometic roof air conditioner to be fitted with an energy-efficient heat pump system.**

That means the B 2600 provides extremely powerful cooling and heating in particular, despite using less energy

than other comparable systems. The innovative Dometic air distribution allows you to direct the flow of air and the amount as and when you need it. All the major features can be controlled using the multi-functional remote control.

## Dometic B 1600PLUS

Roof air conditioners with 1500-watt cooling capacity, for 230-volt stationary operation, **12-volt mobile operation with optional accessory kit**

2.10



<b>Cooling capacity</b>	1500 watts/5200 Btu/h
<b>Heating capacity [230-volt mode only]</b>	800 watts
<b>Power consumption</b> for cooling/heating mode	650/800 watts
<b>Input voltage</b>	230 volts AC/50 Hz
<b>Current consumption</b> for cooling/heating mode	2.9/3.5 A
<b>Necessary circuit protection</b> [campsite]	4 A delay fuse
<b>Number of blower speeds</b>	4/automatic
<b>Thermostat temperature control</b>	yes
<b>Refrigerant</b>	R407c
<b>Dimensions [W x H x D]</b>	650 x 235 x 980 mm
<b>Roof opening/roof thickness</b>	400 x 400 mm/30 to 80 mm
<b>Weight</b>	approx. 33 kg
<b>Test marks</b>	E-approved to EMC automotive directive
<b>Scope of delivery</b>	Roof air conditioner, remote control, air diffuser unit, mounting frame, fixing materials, installation and operating instructions

Product	Ref. No.
Dometic B 1600PLUS	9100100007



up to 6 m vehicle length



Cooling and heating mode



For 230-volt AC stationary operation

Control panel with integrated lighting

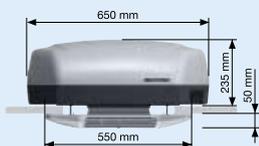


Remote control

## Dometic B 2200

Roof air conditioner with 2200-watt cooling capacity for 230-volt stationary operation, **12-volt mobile operation with optional accessory kit**

2.10



<b>Cooling capacity</b>	2200 watts/7500 Btu/h
<b>Heating capacity [230-volt mode only]</b>	1200 watts
<b>Power consumption</b> for cooling/heating mode	910/1200 watts
<b>Input voltage</b>	230 volts AC/50 Hz
<b>Current consumption</b> for cooling/heating mode	4.0/5.2 A
<b>Necessary circuit protection</b> [campsite]	6 A delay fuse
<b>Number of blower speeds</b>	4/automatic
<b>Thermostat temperature control</b>	yes
<b>Refrigerant</b>	R407c
<b>Dimensions [W x H x D]</b>	650 x 235 x 980 mm
<b>Roof opening/roof thickness</b>	400 x 400 mm/30 to 80 mm
<b>Weight</b>	approx. 34 kg
<b>Test marks</b>	E-approved to EMC automotive directive
<b>Scope of delivery</b>	Roof air conditioner, remote control, air diffuser unit, mounting frame, fixing materials, installation and operating instructions

Product	Ref. No.
Dometic B 2200	9100100009



up to 7 m vehicle length



Cooling and heating mode



For 230-volt AC stationary operation

Control panel with integrated lighting

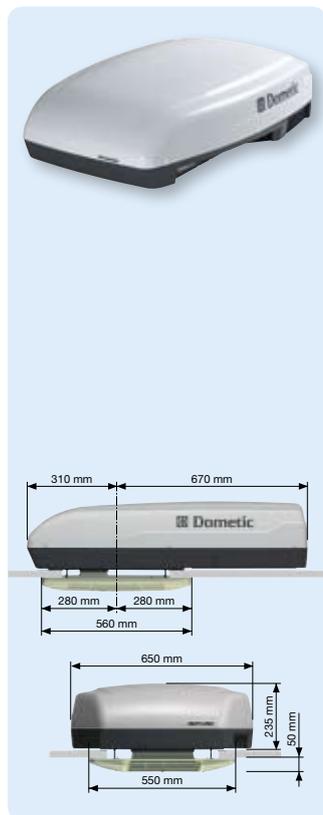


Remote control

## Dometic B 2600

2.10

Roof air conditioner with 2500-watt cooling capacity, for 230-volt stationary operation



<b>Cooling capacity</b>	2500 watts/8500 Btu/h
<b>Heating capacity*</b> [heat pump capacity]	3300 watts
<b>Power consumption</b> for cooling/heating mode	1200/1350 watts
<b>Input voltage</b>	230 volts AC/50 Hz
<b>Current consumption</b> for cooling/heating mode	4.0/5.2 A
<b>Fuse</b>	6 A delay fuse
<b>Number of blower speeds</b>	4/automatic
<b>Thermostat temperature control</b>	yes
<b>Refrigerant</b>	R407c
<b>Dimensions [W x H x D]</b>	650 x 235 x 980 mm
<b>Roof opening/roof thickness</b>	400 x 400 mm/30 to 80 mm
<b>Weight</b>	approx. 40.5 kg
<b>Test marks</b>	E-approved to EMC automotive directive
<b>Scope of delivery</b>	Roof air conditioner, remote control, air diffuser unit, mounting frame, fixing materials, installation and operating instructions

\* Maximum heating capacity = heat pump capacity  
Whenever the ambient temperature drops, the heat pump reduces its energy efficiency.

Product	Ref. No.
Dometic B 2600	9102900102

**NEW**



up to 8 m vehicle length



Heat pump technology



For 230-volt AC stationary operation

Control panel with integrated lighting



Remote control

## DC-Kit-2

2.08

Standard kit for 12-volt mobile operation, optional accessory kit for B 1600PLUS and B 2200



<b>Current consumption [12 volts DC]</b>	100 to 150 A
<b>Recommended generator capacity</b>	≥ 150 A
<b>Recommended total battery capacity</b>	≥ 250 Ah
<b>Continuous output</b>	1600 watts
<b>Dimensions [W x H x D]</b> Inverter	210 x 77 x 410 mm

**Scope of delivery:** Inverter [sine-wave-like output voltage, with mains priority circuit], remote control incl. 5 m control cable, 2 battery cables 25 mm<sup>2</sup> [1.5 m long], 230-volt connection cable, charging current distributor with power relay

Product	Ref. No.
DC-Kit-2 standard kit for 12-volt mobile operation	9100300001



For 12-volt mobile operation

## DC-Kit-3

2.08

Deluxe kit for 12-volt mobile operation, optional accessory kit for B 1600PLUS and B 2200



<b>Current consumption [12 volts DC]</b>	81 to 113 A
<b>Recommended generator capacity</b>	≥ 120 A
<b>Recommended total battery capacity</b>	≥ 200 Ah
<b>Continuous output</b>	1500 watts
<b>Dimensions [W x H x D]</b> Inverter Mains priority circuit	191 x 88 x 415 mm 190 x 80 x 80 mm

**Scope of delivery:** Sine wave inverter, remote control incl. 7.5 m control cable, mains priority circuit with 2 power sockets, 2 battery cables 35 mm<sup>2</sup> [1.5 m long], 2 pieces of 230-volt connection cable, charging current distributor with power relay

Product	Ref. No.
DC-Kit-3 deluxe kit for 12-volt mobile operation	9100300002



For 12-volt mobile operation



## Air conditioning in a class of its own

### Welcome to the professional class!

**Its powerful cooling capacity makes the Dometic B 3200 ideal for using in utility vehicles and large motorhomes.**

It doesn't matter whether it's scorching hot or freezing cold outside, you can always rely on the B 3200. It cools or heats effectively and quietly – delivering filtered, pleasant dehumidified air. The new, ergonomic air diffuser unit is extremely easy to use.

- The most powerful air conditioner in the Dometic range
- Perfect installation results, air conditioner adjusts to the roof thickness
- Pleasantly quiet running
- Three blower speeds for maximum flexibility
- Temperature and blower speed set by control panel
- Additional, powerful heating function [1600 watts]
- Safe operation, tilt-insensitive up to 8 degrees
- Designed for stationary operation [230 volts]
- Mobile operation [230 volts] possible with generators
- Circuit protection for campsites: 7 A delay fuse



### ■ Top performance under extreme conditions

Plenty of power: the Dometic B 3200 has energy to spare even under extreme conditions. Its 3200-watt cooling capacity is easily sufficient for a mobile home with several rooms. Which makes it ideal for large motorhomes and commercial vehicles, for journeys into regions with a hot climate or high temperature fluctuations.

By selecting the right accessories, you can use your B 3200 just about everywhere. A Dometic generator, for instance, makes you independent from the 230-volt mains [see p. 118 – 125].

## Dometic B 3200

2.10

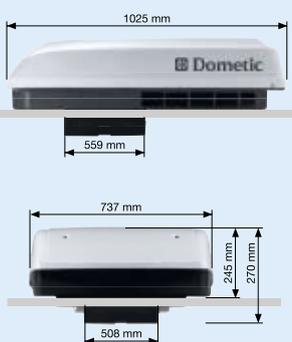
Roof air conditioner with 3200-watt cooling capacity, for 230-volt stationary operation



B 3200 Roof air conditioner



B 3200 Air diffuser



<b>Cooling capacity</b>	3200 watts / 10900 Btu/h
<b>Heating capacity</b>	1600 watts
<b>Power consumption</b> cooling/heating mode	1350 / 1600 watts
<b>Input voltage</b>	230 volts AC / 50 Hz
<b>Current consumption</b> cooling/heating mode	6.3 / 6.9 A
<b>Necessary circuit protection</b> [campsite]	7 A delay fuse
<b>Number of blower speeds</b>	3
<b>Thermostat temperature control</b>	yes
<b>Refrigerant</b>	R407c
<b>Dimensions [W x H x D]</b>	737 x 245 x 1025 mm
<b>Roof opening/roof thickness</b>	355 x 355 mm / 110 mm
<b>Weight</b>	approx. 45 kg
<b>Test marks</b>	E-approved to EMC automotive directive, CE
<b>Scope of delivery</b>	Roof air conditioner, mounting frame, air diffuser unit, fixing materials, installation and operating instructions



For vehicles  
8 m long or beyond



Cooling and heating



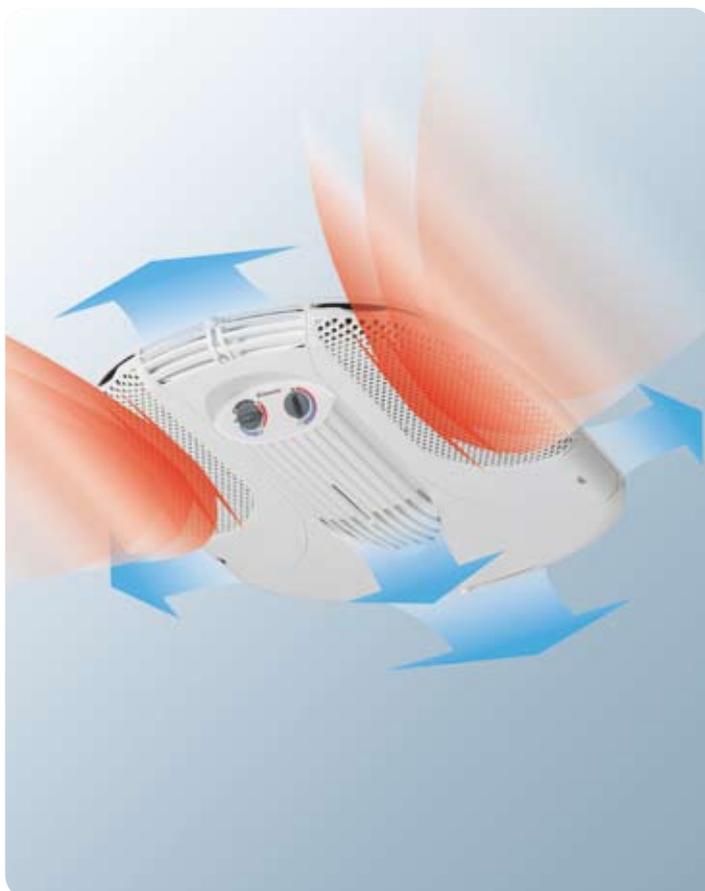
For 230 V AC  
stationary operation

Air circulation mode  
can be activated  
separately

Product	Ref. No.
Dometic B 3200 [Roof air conditioner + air diffuser]	9108555544 + 9108556585*

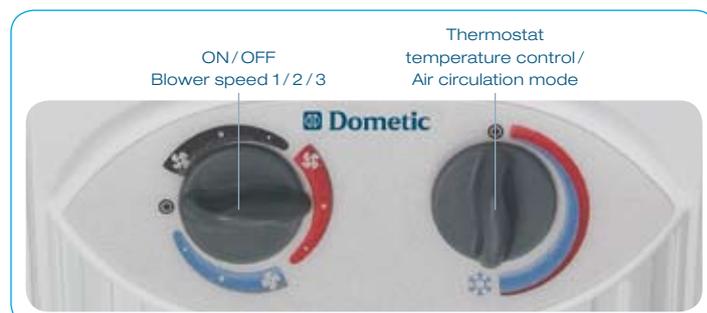
\* When ordering, please specify both reference numbers.

### ■ The new control panel: elegant, ergonomic, easy to operate



Simply ingenious: the flat, ergonomic air diffuser of the B 3200 series has two rotary switches – one for the temperature and one for the blower speed. The air stream is vented in the vehicle interior via five nozzles and can be distributed by complete or partial opening or closing of the vents, respectively – just set it to what you find most comfortable.

Pleasantly flexible: the B 3200 cools or heats and purifies the air in the vehicle interior at the same time. The filter function may be activated even when the air conditioner and heater are switched off. Just turn to the grey symbol for circulation and breathe in purified air!



Cooling & heating



## The unique under-bench air conditioner

**Experience the world's first under-bench air conditioner with genuine heating function! Regardless of whether it is tropically hot or unpleasantly cold outside: the climate inside your vehicle is always just right.**

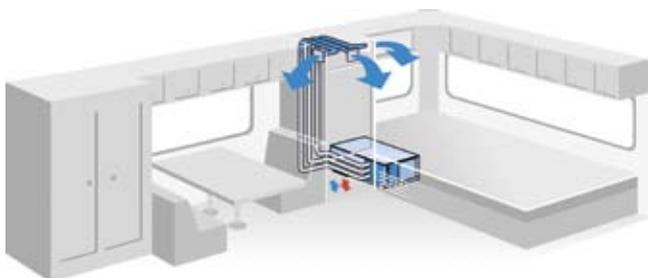
Based on efficient heat pump technology the Dometic HB 2500 provides high performance at low energy consumption. It purifies and dehumidifies the air, cools or warms it.

The air is evenly distributed to the different areas of the vehicle via three outlets. The position of these outlets is variable and can be individually adapted to your vehicle. All functions, which include night-time control and time programming, can be comfortably set by remote control. The benefits of under-bench installation are obvious: roof window, outer dimensions and the physical properties of your vehicle remain unaffected.

- Energy-efficient heat pump system for cooling and heating
- No extra roof load, roof window is retained
- Three blower speeds, air distribution can be adjusted as required
- Variable position of the air outlets
- Low-noise air circulation
- Low weight
- High operating comfort with multi-functional remote control
- Designed for stationary operation [230 volts]
- In combination with DC-Kit-3 also for mobile operation [12 volts]
- Circuit protection for campsites: 6 A delay fuse

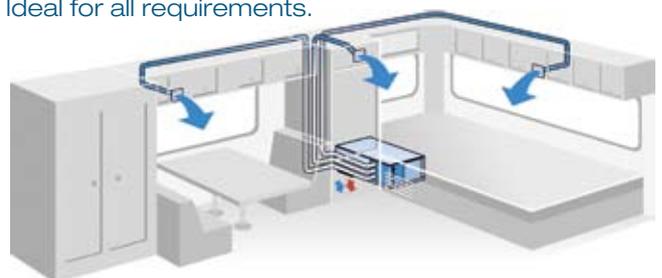
### Central air distribution

High-performance, efficient air distribution



### All-round solution

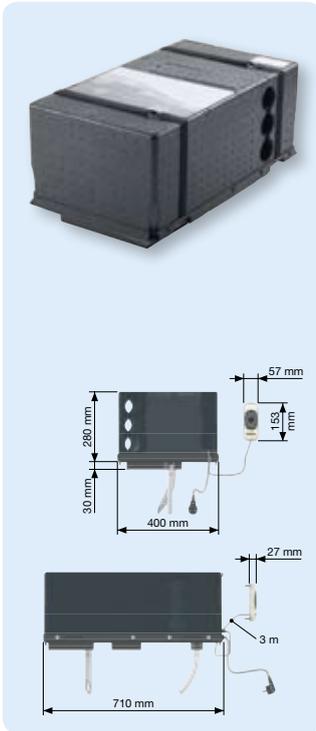
Even air distribution in each part of the vehicle. Ideal for all requirements.



## Dometic HB 2500

Under-bench air conditioner with 2500-watt cooling capacity, for 230-volt stationary operation, 12-volt mobile operation with optional DC kit

2.10



<b>Cooling capacity</b>	2500 watts/8500 Btu/h
<b>Heating capacity</b> [heat pump capacity* plus heating resistor capacity]	3000 watts
<b>Power consumption</b> cooling/heating mode	900/1100 watts
<b>Input voltage</b>	230 volts AC/50 Hz
<b>Current consumption</b> cooling/heating mode	3.9/4.8 A
<b>Necessary circuit protection</b> [campsite]	6 A delay fuse
<b>Number of blower speeds</b>	3
<b>Thermostat temperature control</b>	yes
<b>Refrigerant</b>	R410a
<b>Dimensions [W x H x D]</b>	400 x 280 x 710 mm
<b>Weight</b>	approx. 24.9 kg
<b>Test marks</b>	E-approved to EMC automotive directive
<b>Scope of delivery</b>	Air conditioner, remote control, IR receiver, fixing materials, installation and operating instructions

\* Whenever the ambient temperature drops, the heat pump reduces its energy efficiency.

Product	Ref. No.
Dometic HB 2500	9100100010



Up to 8 m vehicle length



Heat pump technology



For 230 V AC stationary operation



Remote control

## Accessories

for customised air distribution solutions



Product	Ref. No.
Circular air inlet grille [2 pieces] ø 190 mm	9100300018
Rectangular air inlet grille 240 x 240 mm	9100300017
Air outlet grille kit [3 pieces] ø 60 mm	9100300016
Curve 90°, ø 60 mm	9100300015
Flexible hose ø 60 mm x 10 m length	9100300019

## DC-Kit-3

Comfort kit for 12-volt mobile operation, optional accessory

2.08



<b>Current consumption [12 volts DC]</b>	90 A max
<b>Recommended generator capacity</b>	≥ 150 A
<b>Recommended total battery capacity</b>	≥ 250 Ah
<b>Continuous output</b>	1500 watts
<b>Dimensions [W x H x D]</b>	
Inverter	191 x 88 x 415 mm
Mains priority circuit	190 x 80 x 80 mm
<b>Scope of delivery:</b> Sine wave inverter, remote control incl. 7.5 m control cable, mains priority circuit with 2 power sockets, 2 battery cables 35 mm² [1.5 m long], 2 pieces of 230-volt connection cable, charging current distributor with power relay	

Product	Ref. No.
DC-Kit-3 comfort kit for 12-volt mobile operation	9100300002



For operation on 12 volts DC



# Mobile energy systems

Generators	118 – 125
Mobile energy supply	126 – 127
Battery care	128 – 129
Charging converters	130 – 131
Battery chargers	132 – 139
Inverters	140 – 151
Voltage converters	152 – 153





# Home comfort away from home

## With professional electronic accessories

### From mobile power supply to voltage converters

**Enjoy the same home comforts on the road. The Dometic WAECO “Mobile Energy Systems” range includes everything you need for perfect power supply on the road.**

Six powerful generators which supply the air conditioner with continuous power in stationary mode let you enjoy complete independence from the mains or on-board power supply. Battery care products prolong the service life of your on-board battery or batteries.

Charging converters and IUOU battery chargers ensure they are fully and gently charged. You don't have to go without the convenience of a 230-volt power socket when you are travelling – a wide range of inverters lets you use all the equipment you usually use at home. Voltage converters turn 12-volts into 24-volts (or vice versa), helping you to make more flexible use of your mobile equipment.

## Generators

Mobile power generators by Dometic provide energy where mains power is unavailable.

## Mobile energy supply

High-quality, multi-functional device for camping and leisure. Power source for many commonly used appliances and high-performance battery jump starter.

### **Dometic** Generators **Pages 118 – 125**



**Dometic TEC 29**

### **WAECO PowerPack** **Pages 126 – 127**



**PowerPack MPS500**

## Battery care

WAECO PerfectBattery accessories keep batteries in ship-shape condition, even after long periods of standstill. By recharging and float charging, they prevent premature battery ageing.

## Charging converters

WAECO PerfectCharge IU charging converters – ideal for voltage stabilisation and for charging the leisure battery while driving.

### **WAECO PerfectBattery** **Pages 128 – 129**



**PerfectBattery BR12**

### **WAECO PerfectCharge** **Pages 130 – 131**



**PerfectCharge DC08**

## Battery chargers

This comprehensive range covers a wide scope of applications. WAECO PerfectCharge automatic chargers with IU0U or IU characteristics have been designed for fast and gentle charging of gel, AGM and wet batteries.

## Inverters

230 volts on board – for laptops, espresso machines and more. Depending on the type of appliance, you can choose a WAECO inverter with modified sine voltage, or opt for a pure sine wave inverter.

## Voltage converters

They combine what was never intended to be combined: 12-volt appliances and 24-volt board batteries – and vice versa. The converters can also be used for battery charging.

### **WAECO PerfectCharge**



**Pages 132 – 139**

**PerfectCharge IU152A**

### **WAECO SinePower** **WAECO PerfectPower** **WAECO PocketPower**



**Pages 140 – 151**

**SinePower MSP352**

### **WAECO PerfectPower**



**Pages 152 – 153**

**PerfectPower DCDC10**



## Dometic generators

### Mobile power generators for universal use

**Dometic generators ensure reliable power supply wherever mains power is unavailable. This makes them a must-have accessory for outdoor enthusiasts seeking maximum freedom and independence.**

High performance, modest fuel consumption and excellent product quality are the hallmarks of the entire series. Driven by petrol, diesel or gas engines, the tried and tested generators provide 230-volt power for use on the road or at the campsite. Ideal for

operating your air conditioner when there's no mains hook-up around, they will also supply your kitchen gadgets, office equipment or power tools.

The compact units can be fitted under the flooring or in an outside storage compartment. Operation is via the multi-information display included with each generator.

## **Dometic** TEC 29

The top seller in the range! Super-compact dimensions, light weight of just 44 kg and, with its 2600-watt capacity, just as powerful as conventional predecessor models. Petrol-fuelled engine, modest energy consumption, very quiet running. Suitable as a power source for all Dometic air conditioners.



Pages 120 – 121

Dometic TEC 29

## **Dometic** TEC 29LPG

The tried and tested TEC 29 is now also available as a gas model. The same benefits, same performance, minimal noise and odour emissions, extremely high efficiency.



Pages 120 – 121

Dometic TEC 29LPG

## **Dometic** TEC 30EV

Environment-friendly with diesel fuel, and the most economical generator in the range with a fuel consumption of 0.7 litres per hour. Purpose-designed for use in larger motorhomes and utility vehicles. Low-noise operation thanks to excellent sound insulation. Suitable as a power source for all Dometic air conditioners.



Pages 122 – 123

Dometic TEC 30EV

## **Dometic** TEC 40D

This low-noise diesel generator is new in the camping/caravan range and has already proved itself to be highly reliable in tough everyday use. It can get something going with 3500 watt continuous output using very little fuel. That is also enough to run two Dometic motorhome air conditioners at the same time.



Pages 122 – 123

Dometic TEC 40D

## **Dometic** T 2500H

Favourably priced, reliable appliance. Compact design, light weight. Low-noise, high-performance petrol engine [5.5 HP], economical consumption. 2000 watts continuous output – enough to supply several electrical appliances at the same time, or Dometic air conditioners of matching power rating.



Pages 124 – 125

Dometic T 2500H

## **Dometic** T 4000H

A genuine mobile power station! Generous 3500-watt continuous output – plenty of power for two Dometic motorhome air conditioners. Tried and tested unit with high-performance petrol engine [9.0 HP].



Pages 124 – 125

Dometic T 4000H



## For normal unleaded petrol and liquid gas

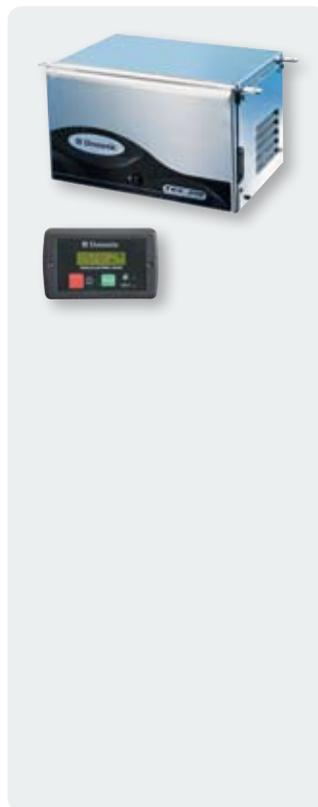
### **TEC 29 / TEC 29LPG - full power in the smallest of space**

It is the most compact and the lightest unit in the range with only 44 kg. So it is easily accommodated in or on the vehicle. Providing 2600 watts of continuous output, it is as powerful as the conventional predecessor models, yet far quieter to run. High efficiency even at low revs or after a cold start. Hardly surprising that this economical TEC 29 petrol generator has become an absolute top seller. But it now has to compete with the new TEC 29LPG gas model. This achieves the same output with a modest fuel consumption, minimal noise and odour emissions. It offers campers even more flexibility because gas is always available on board.

- High continuous output ratings of 2.6 kW
- Low fuel consumption by adjusting the generator rpm according to the load applied
- Innovative inverter technology allows for parallel use of two units
- 12-volt output for battery charging with integrated charging regulator [10 amps max.]
- Robust design in stainless steel cabinet
- Easy to operate with illuminated multi-information display showing all the essential operating parameters
- High operating safety with integrated alarm functions
- Suitable as a power source for all Dometic air conditioners

**Dometic TEC 29**

2.6 kW generator for 230 volts alternating current, fuelled by unleaded petrol

**3.39**

<b>Output voltage</b>	230 volts AC $\pm$ 1% [continuous]/ pure sine wave
<b>Total distortion factor</b>	1%
<b>Frequency</b>	50 Hz $\pm$ 1%
<b>Max. starting current</b>	33 A
<b>Continuous output</b>	2600 watts
<b>Peak output</b>	2900 watts
<b>Engine output</b>	4.0 kW [5.5 PS]
<b>Fuel</b>	Normal unleaded RON 91 petrol
<b>Consumption</b>	max. 1.2 l/h
<b>Sound level at 7 m</b>	54/59 dBA
<b>Guaranteed sound level</b>	86 dBA
<b>Dimensions [W x H x D]</b>	480 x 290 x 385 mm
<b>Width with suspension</b>	580 mm
<b>Net weight</b>	44.0 kg
<b>Quality features</b>	Remote control, 12-volt output for battery charging, automatic low-oil cut-off, electrical starter, protected against overload and short circuit, sound absorbing housing
<b>Test marks</b>	CE, E13

Product	Ref. No.
Dometic TEC 29	9102900007
<b>Optional extras</b>	
15-litre plastic tank, AG 101	9102900009
20-litres stainless steel tank, AG 100	9102900011
Hose set for AG 100/101, AG 150	9102900003
Flexible metal hose 25 mm, AG 125	9102900020

**High continuous power output**

Suitable as a power source for all Dometic air conditioners

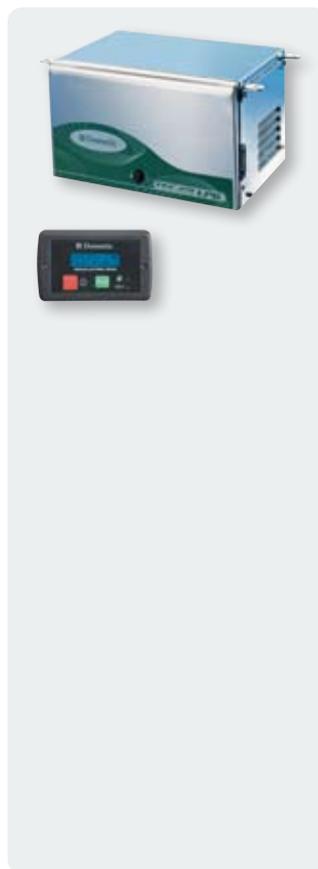
**Low consumption**

Parallel operation of 2 x TEC 29 to double the output

Remote control for operating and displaying all the essential operating parameters

**Fuelled by unleaded petrol****Dometic TEC 29LPG**

2.6 kW gas generator for 230-volts alternating current

**3.39**

<b>Output voltage / curve</b>	230 volts AC $\pm$ 1% [continuous]/ pure sine wave
<b>Total distortion factor</b>	1%
<b>Frequency</b>	50 Hz $\pm$ 1%
<b>Max. starting current</b>	33 A
<b>Continuous output</b>	2600 watts
<b>Peak output</b>	2900 watts
<b>Engine output</b>	4.0 kW [5.5 PS]
<b>Fuel</b>	LPG with min. 60% propane
<b>Consumption</b>	max. 1.0 kg/h
<b>Sound level at 7 m</b>	54 – 59 dBA
<b>Guaranteed sound level</b>	86 dBA
<b>Dimensions [W x H x D]</b>	480 x 290 x 385 mm
<b>Width with suspension</b>	580 mm
<b>Weight</b>	44.0 kg
<b>Quality features</b>	Remote control, 12-volt output for battery charging, automatic low-oil cut-off, electric ignition, electrical starter, protected against overload and short circuit, sound absorbing housing
<b>Test marks</b>	CE, E13

Product	Ref. No.
Dometic TEC 29LPG	9102900179
<b>Optional extra</b>	
Flexible metal hose 25 mm, AG 125	9102900020

**NEW****High continuous output**

Suitable as a power source for all Dometic air conditioners

**Low consumption**

Parallel operation of 2 x TEC 29LPG to double the output

Remote control for operating and displaying all the essential operating parameters

**Gas operation**

3500 watt  
continuous  
output!



## Power pack with diesel engines

### TEC 30EV - extremely economical and low-noise

Specially designed for use in larger motorhomes and utility vehicles, the TEC 30EV provides powerful performance at minimal fuel consumption [0.7 litres diesel/h]. Excellent sound insulation makes for low-noise operation. State-of-the-art inverter technology prevents over- and under-supply of connected electrical appliances.

### TEC 40D - powerful professional appliances

3500 watts continuous output with perfect sine wave voltage: Advanced inverter technology protects the connected appliances from voltage peaks and the generator from short circuiting. The TEC 40D has been tried and tested many times in tough everyday use due to its high reliability at low levels of power consumption. For a diesel generator of its class, it is extremely quiet [only 64 dBA at 7 metres].

- High continuous output ratings of 2.5 kW [TEC 30EV] or 3.5 kW [TEC 40EV]
- Low fuel consumption by adjusting the generator rpm according to the load applied
- Innovative inverter technology allows for parallel use of two TEC 30 or two TEC 40D units
- 12-volt output for battery charging with integrated charging regulator [10 amps max.]
- Robust design in stainless steel cabinet
- Easy to operate with illuminated multi-information display showing all the essential operating parameters
- High operational safety thanks to the integrated alarm function
- Suitable as a power source for all Dometic air conditioners

**Dometic TEC 30EV**

2.5 kW generator for 230 volts alternating current, fuelled by diesel

**3.39**

<b>Output voltage/curve</b>	230 volts AC $\pm$ 1% [continuous]/ pure sine wave
<b>Total distortion factor</b>	1%
<b>Frequency</b>	50 Hz $\pm$ 1%
<b>Max. starting current</b>	33 A
<b>Continuous power</b>	2500 watts
<b>Peak output</b>	2900 watts
<b>Engine output</b>	3.3 kW [4.5 PS]
<b>Fuel</b>	Diesel
<b>Consumption</b>	max. 0.7 l/h
<b>Sound level at 7 m</b>	60 dBA
<b>Guaranteed sound level</b>	84 dBA
<b>Dimensions [W x H x D]</b>	465 x 465 x 466 mm
<b>Width with suspension</b>	572 mm
<b>Net weight</b>	70.0 kg
<b>Quality features</b>	Remote control, 12-volt output for battery charging, automatic low-oil cut-off, electrical starter, protected against overload and short circuit, sound absorbing housing
<b>Test marks</b>	CE, E13

Product	Ref. No.
Dometic TEC 30EV	9102900033
<b>Optional extras</b>	
15-litre plastic tank, AG 101	9102900009
20-litres stainless steel tank, AG 100	9102900011
Hose set for AG 100/101, AG 150	9102900003
Flexible metal hose 25 mm, AG 125	9102900020

**High continuous power output**

Suitable as a power source for all Dometic air conditioners

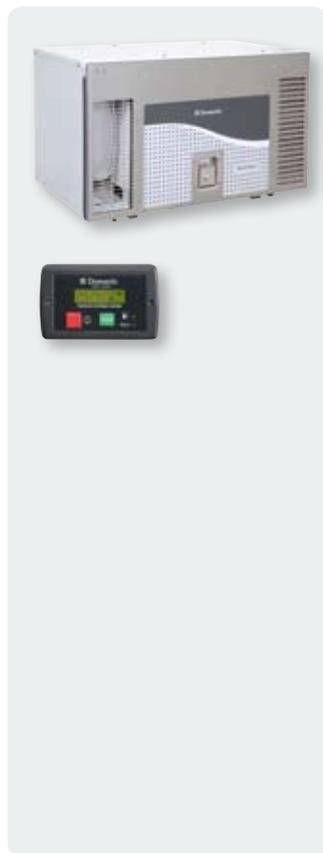
**Very low consumption**

Parallel operation of 2 x TEC 30EV [for continuous output of approx. 4800 watts]

Remote control for operating and displaying all the essential operating parameters

**Fuelled by diesel****Dometic TEC 40D**

3.5 kW generator for 230 volts alternating current, fuelled by diesel

**3.39**

<b>Output voltage/curve</b>	230 volts AC $\pm$ 1% [continuous]/ pure sine wave
<b>Total distortion factor</b>	1%
<b>Frequency</b>	50 Hz $\pm$ 1%
<b>Max. starting current</b>	45 A
<b>Continuous power</b>	3500 watts
<b>Peak output</b>	3900 watts
<b>Engine output</b>	4.7 kW [6.4 PS]
<b>Fuel</b>	Diesel
<b>Consumption</b>	max. 1.4 l/h
<b>Sound level at 7 m</b>	64 dBA
<b>Guaranteed sound level</b>	64 dBA
<b>Dimensions [W x H x D]</b>	765 x 457 x 467 mm
<b>Width with suspension</b>	765 mm
<b>Weight</b>	96.5 kg
<b>Quality features</b>	Remote control, 12-volt output for battery charging, automatic low-oil cut-off, electrical starter, protected against overload and short circuit, sound absorbing housing
<b>Test marks</b>	CE, E24

Product	Ref. No.
Dometic TEC 40D	9102900036
<b>Optional extras</b>	
15-litre plastic tank, AG 101	9102900009
20-litres stainless steel tank, AG 100	9102900011
Hose set for AG 100/101, AG 150	9102900003
Flexible metal hose 25 mm, AG 125	9102900020

**NEW****High continuous output**

Suitable as a power source for all Dometic air conditioners

**Very low power consumption**

Parallel operation of 2 x TEC 40D [for continuous output of approx. 7000 watts]

Remote control for operating and displaying all the essential operating parameters

**Fuelled by diesel**



Enjoy your  
independence!

## Enough “juice” for two Dometic air conditioners

### **T 2500H - cost-efficient and reliable**

Tried and tested petrol generator with compact design and relatively low weight. Reliable, economical and ideal for supplying several appliances at the same time with 2000 watt continuous output. It is also suitable for operating the Dometic B 1100S, B 1500S, B 1600PLUS and B 2200 air conditioners.

### **T 4000H - power for two air conditioners**

A mobile “power station” with a continuous output of 3500 watts – enough for two air conditioners [for example, Dometic B 1500S, B 1600PLUS, B 2600 or B 3200]. Or for other powerful appliances which require 230-volts alternating current. Powerful petrol engine [9.0 PS].

- High continuous output ratings of 2.0 kW [T 2500H] or 3.5 kW [T 4000H]
- 12-volt output for battery charging with optional charging regulator [10 amps max.]
- Robust design in stainless steel cabinet
- Remote control panel in the passenger compartment
- Innovative technology with electric ignition, electrical starter and automatic low-oil cut-off
- Wide choice of accessories including petrol tanks, exhaust extensions and silencers
- T 2500H: suitable for running selected Dometic air conditioners
- T 4000H: sufficient power for running two Dometic air conditioners

**Dometic T 2500H**

2.0 kW generator for 230 volts alternating current, fuelled by unleaded petrol

**3.39**

<b>Output voltage/curve</b>	230 volt AC $\pm$ 10% / pure sine wave voltage $\sim$
<b>Total distortion factor</b>	5%
<b>Frequency</b>	50 Hz $\pm$ 5%
<b>Max. starting current</b>	24 A
<b>Continuous power</b>	2000 watts
<b>Peak output</b>	2200 watts
<b>Engine output</b>	4.0 kW [5.5 PS]
<b>Fuel</b>	Normal unleaded RON 91 petrol
<b>Consumption</b>	max. 1.2 l/h
<b>Sound level at 7 m</b>	60 dBA
<b>Guaranteed sound level</b>	86 dBA
<b>Dimensions [W x H x D]</b>	530 x 290 x 385 mm
<b>Width with suspension</b>	640 mm
<b>Net weight</b>	50.0 kg
<b>Quality features</b>	Remote control, 12-volt output for battery charging, automatic low-oil cut-off, electric ignition, electrical starter, protected against overload and short circuit, sound absorbing housing
<b>Test marks</b>	CE, E3

Product	Ref. No.
Dometic T 2500H	9102900005
<b>Optional extras</b>	
15-litre plastic tank, AG 101	9102900009
20-litres stainless steel tank, AG 100	9102900011
Hose set for AG 100/101, AG 150	9102900003
Flexible metal hose 25 mm, AG 125	9102900020
Battery charging regulator, AG 111	9102900014
Generator exhaust extension, AG 106	9102900023

**High continuous output****Low consumption****Remote control for operating and displaying all the essential operating parameters****Fuelled by normal unleaded petrol****Dometic T 4000H**

3.5 kW generator for 230 volts alternating current, fuelled by unleaded petrol

**3.39**

<b>Output voltage/curve</b>	230 volt AC $\pm$ 10% / pure sine wave voltage $\sim$
<b>Total distortion factor</b>	5%
<b>Frequency</b>	50 Hz $\pm$ 5%
<b>Max. starting current</b>	41 A
<b>Continuous output</b>	3500 watts
<b>Peak output</b>	3800 watts
<b>Engine output</b>	6.6 kW [9.0 PS]
<b>Fuel</b>	Normal unleaded RON 91 petrol
<b>Consumption</b>	max. 2.3 l/h
<b>Sound level at 7 m</b>	62 dBA
<b>Guaranteed sound level</b>	89 dBA
<b>Dimensions [W x H x D]</b>	660 x 355 x 480 mm
<b>Width with suspension</b>	775 mm
<b>Net weight</b>	102.0 kg
<b>Quality features</b>	see T 2500H
<b>Test marks</b>	CE, E3

Product	Ref. No.
Dometic T 4000H	9102900006
<b>Optional extras</b>	
15-litre plastic tank, AG 101	9102900009
20-litres stainless steel tank, AG 100	9102900011
Hose set for AG 100/101, AG 150	9102900003
Flexible metal hose 25 mm, AG 125	9102900020
Battery charging regulator, AG 111	9102900014

**High continuous output****For instance, suitable for operating two Dometic B 2200 air conditioners****Powerful engine****Remote control for operating and displaying all the essential operating parameters****Fuelled by normal unleaded petrol**



## A “power station” that makes your holiday

Multi-functional device for camping and leisure

**When the PowerPack MPS500 is on-board then everything runs smoothly on your holiday. Campers are always impressed with this “mobile power station” that provides you with indispensable functions when you're away from home.** You can use the built-in 12-volt socket to run portable coolers or compressors for pumping up bike tyres or rubber rings. There's a second output for CD players and radios etc. Plus

a USB port for recharging mobile phones, iPods®, digital cameras, navigation systems. There's even a work lamp which you can use to illuminate awnings, storage compartments or the boot of your car at night. And if the vehicle battery ever goes flat, the MPS500 functions as a jump starter. At a short-time starting current of 400 amps, it has enough power to jump-start even large-capacity diesel engines.

### WAECO PowerPack MPS 500

3.20

Multifunctional unit, can be used for supplying power to the most diverse appliances and as a jump starter



#### 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)

<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>	<b>10 A at 12 volts</b> 1 A at 4.5 volts, 6 volts, 9 volts <b>0.5 A (USB)</b>
<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

#### Scope of delivery:

PowerPack MPS 500, 230 V mains adapter, DC cable, jump starter cable operating instructions

Product	Ref. No.
PowerPack MPS 500	PS-500-12

Connections for 12 volts, as well as 4.5 volts, 6 volts and 9 volts

USB port

High-performance PowerPack with 18 Ah battery

Integrated work lamp

Storage compartment for accessories

Compact, functional and handy





## Battery refresher

A refreshing cure for your battery

**All drivers dream of owning an “eternal battery”, one that will never let them down.** Their dream is reality now, thanks to the battery refresher. The super-compact appliance reduces sulphate build-up, which is so often the cause of premature failure in lead cell batteries. Even apparently useless batteries can be given a new lease of life. The refresher can be permanently connected to the vehicle battery. It treats the battery to an invigorating training programme – fully automatically, while you are driving.

When you switch the ignition off, the integrated voltage monitor deactivates the appliance.

**The battery refresher is suitable for all types of 12-volt lead batteries.** Ideal for passenger cars, it can also be used on motorhomes and boats. Given the long periods of standstill, the batteries in those vehicles are particularly susceptible to sulphate build-up.

### 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>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)**

# Battery conditioner

## Training for the battery

### Three functions: conditioning – charging – back-up

PerfectBattery BC100 is an inexpensive **battery conditioner that maintains lead batteries** from 10 to 150 Ah by gently simulating driving. As a result, the full capacity can be maintained even after months of standstill. Battery conditioners are ideal for summer vehicles such as soft-tops, motor cycles and motorhomes.

The BC100 conditioner offers two useful extra functions. It serves as a **battery charger** for lead batteries (motor cycles, vintage cars) and can also be used as a **back-up power supply** unit. When a vehicle's starter battery has to be removed, the conditioner temporarily takes over the power supply to the appliances. In this way, stored data – e. g. in car radios – can be retained.

#### 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
- › Short-circuit and reverse pole protection
- › 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 to 253 volts AC / 50 to 60 Hz
<b>End-of charging voltage</b>	13.8 volts DC
<b>Float charging voltage</b>	13.0 volts DC
<b>Charging indicator</b>	3 LEDs
<b>Maximum charging current</b>	1.0 A
<b>Operating temperature</b>	0°C to +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

Product	Ref. No.
PerfectBattery BC100, 12 volts	MBCC-100

**Fitness training for 12-volt batteries**

**Bridges long periods of standstill**

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





## IU-charging converters

Full leisure battery recharge on the move

Many vehicle owners expect the electric generator to completely recharge leisure batteries during the drive. When the battery is beginning to fail, however, they quickly realise it often doesn't work that way. The reason is insufficient cabling (supply cables too long, cross

section too small), as frequently encountered in caravans. Electronics specialist WAECO has developed a neat solution for this problem: the **PerfectCharge IU charging converter**, available in **three performance categories**.



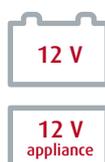
On-board supply  
12 V



WAECO



or



The IU charging converter is simply integrated into the wiring of the starter and leisure batteries. Raising the charging voltage to 14.2 volts, it ensures optimal charging during the drive.

The converter can be **switched on or off** by an external control signal, e.g. the D+ from the generator. You can also use a 12-volt switch.

Moreover, the charging converter **stabilises the voltage supply**. This makes it ideal for sensitive 12-volt appliances (e.g. navigation systems, LCD monitors), which require a **constant and stable voltage**.

To benefit from the stabilising effect, the IU charging converter is integrated into the supply cord of the appliance. The unit **compensates for over- and under-voltage** in a range between 8 and 16 volts, thus preventing failure of or damage to the appliance.

## WAECO PerfectCharge DC08 / DC20 / DC40

Charging converters and battery chargers in three performance categories, 8 A, 20 A and 40 A  
Ideal for charging the leisure battery while driving



### Features & functions

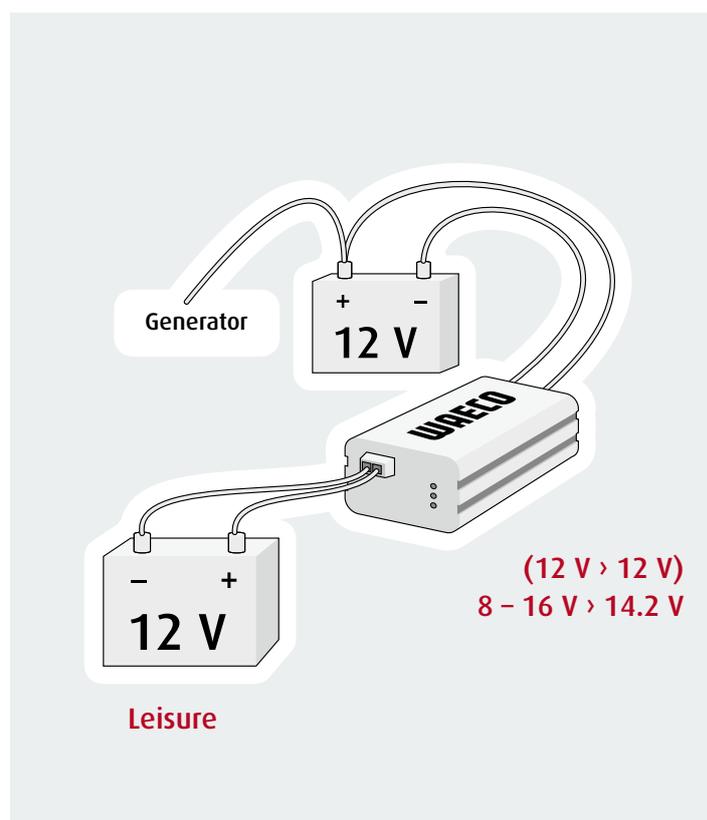
- › High energy efficiency
- › Electrically isolated output voltage
- › Clean output voltage
- › Parallel operation possible
- › IU battery charging curve
- › Additional ON/OFF input
- › Stabilises the battery/generator voltage
- › Stabilises the on-board power supply during engine start
- › EMC optimised for the automotive industry

	DC 08	DC 20	DC 40
<b>Input voltage</b>	12 volts DC		
<b>Input voltage range</b>	8 – 16 volts DC		
<b>Output current</b>	8 A	20 A	40 A
<b>Output voltage</b>	14.2 volts DC ± 0.1 volts		
<b>Energy efficiency</b>	Up to 87%		
<b>Ripple &amp; Noise</b>	20 mA		
<b>Dimensions (W x H x D)</b>	115 x 70 x 100 mm	115 x 70 x 160 mm	115 x 70 x 270 mm
<b>Weight</b>	0.75 kg	1.2 kg	2.1 kg
<b>Quality features</b>	Electrically isolated output voltage, wide input voltage range, high accuracy of the output voltage		
<b>Test mark</b>	e-approved to Automotive EMC Directive		

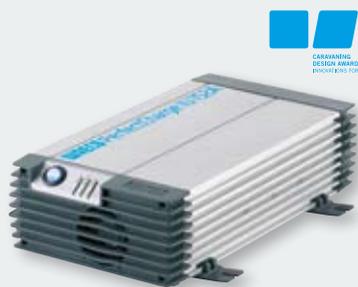
Product	Ref. No.
PerfectCharge DC08, 8 A, 12 volts » 12 volts	DC1212-08
PerfectCharge DC20, 20 A, 12 volts » 12 volts	DC1212-20
PerfectCharge DC40, 40 A, 12 volts » 12 volts	DC1212-40

**Gives the battery a full charge while driving**

**Stable voltage supply for sensitive 12-volt devices**



## IU0U automatic chargers in premium quality



PerfectCharge IU 152A to IU 802A  
Pages 134 – 137

## IU0U automatic chargers



PerfectCharge IU 812  
Page 138

## IU / IU0U automatic chargers



PerfectCharge IU 6  
Page 139

## IU0U chargers by WAECO

... give your batteries a longer life!

**Starter batteries and supply batteries are designed for different tasks.** To start the engine, starter batteries must initially supply a high current level and will then serve as an energy buffer with smaller partial cycles. Supply or on-board batteries, in contrast, are discharged at lower current levels over longer periods of time and then charged again. This means they are subjected to considerably higher loads. **Optimum charging technology is therefore the key to success.**

IU0U battery chargers from WAECO ensure your batteries have a longer life, and prevent battery damage. They provide optimum charging for all types of leisure batteries (gel, AGM and wet), because they charge quickly and gently at the same time.

Our comprehensive product range covers everything from inexpensive compact chargers to professional units for simultaneous charging of several batteries.

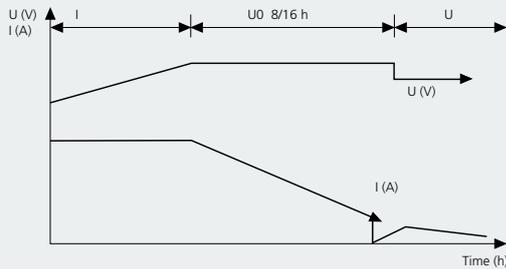
### IU0U battery chargers – the benefits at a glance

- › **Fast and gentle charging** with IU0U charging technology
- › **Suitable for all types of lead batteries** (gel, AGM and wet batteries)
- › **High energy efficiency** with switch-mode technology
- › **Stable voltage supply** without power fluctuations
- › **Safe to use** with overload and short-circuit protection
- › **Compact design**, low weight
- › **Easy to fit**

### Why fully charging the battery regularly is important

You expect a battery to have full capacity and high starting currents. However, it can only supply these when it is properly cared for. This includes regular recharging. This occurs during the journey, allowing the battery to serve its purpose for a number of days. A 100% full charge, as battery manufacturers stipulate, usually can't be attained this way. However it is still imperative to prevent sulphation and premature ageing of the battery. Using a WAECO battery charger with IU0U charging characteristics solves the problem, charging the battery gently and to 100% capacity. We recommend fully charging your battery at least once a month, which will maintain its condition at the same time. If you are not planning to use your leisure vehicle for a while, you should fully charge the battery beforehand.

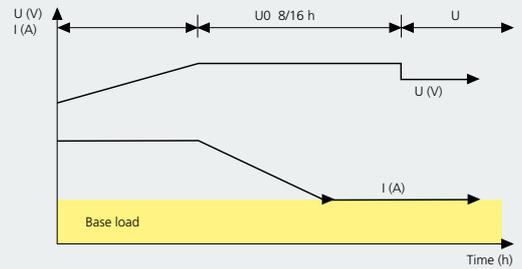
### IU0U charging characteristics



**This fast and gentle charging technology represents an extension of the well-proven IU charging curve.**

It includes the additional time constant 0 and a further constant voltage U for compensation charging. Like with IU charging characteristics charging is initially performed with a constant current. When the gas development voltage has been reached, the voltage is maintained at the same level until the charging current has fallen to a minimum. At that point the charging voltage is reduced to the float charging level – the charging process is completed.

### Limited time of the U0 phase

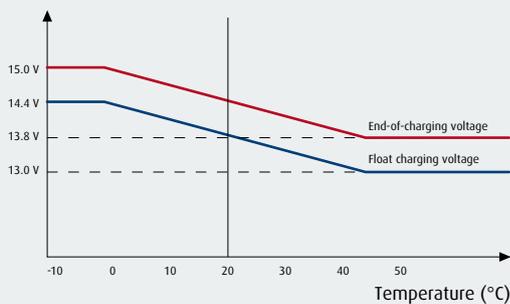


To prevent overcharging when power is drawn from the battery while charging, the duration of the U0 phase is limited.

Ideally, the system should switch from the main charging voltage U0 to the float charging voltage U when the battery is 100% charged. A good indication for a fully charged battery is a low current intake. If an electrical appliance exerts a current load on the battery during the charging phase (e.g. when a light is on), the charging current will never reach the low current value required by the system to switch over to the U phase. As the U0 phase is limited to a finite time, the switch-over to the U phase occurs regardless of the charging voltage level. This makes it impossible to overcharge the battery.

### The advantages of a temperature sensor

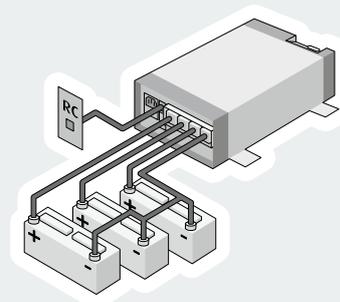
Temperature compensation



A temperature sensor is recommended when battery charging takes place in varying or extreme ambient temperatures. This is because the optimal charging voltage for a battery largely depends on the temperature conditions. In cold batteries, for instance, the gas development voltage is higher than in warm batteries. The sensor is fitted on the battery or close to it and measures the temperature. Depending on the result, the battery charger adjusts the main charging and float charging voltage. At high temperatures the voltage is reduced to prevent battery gassing. At low temperatures the voltage is increased to improve the battery charge. The diagram shows how the temperature sensor adjusts the charging voltage to the temperature of the battery.

The TF-500 temperature sensor (p. 137) is available as an optional accessory for all PerfectCharge IU0U charger models of series IU 152A to IU 802A.

### Simultaneous charging of several batteries



When two or more batteries are used independently of one another, the load on them will be different and so will the required extent of recharging.

This is taken into account by our double and triple charger models (series IU 152A to IU 802A, p. 136 – 137). These units feature two or three battery outputs, and an additional one for charging the starter battery.

The chargers incorporate diodes to divide the charging current and prevent charge compensation between the batteries. While charging the weaker battery is initially brought to the charge of the stronger one. Both (or all three) batteries are then charged at the same voltage level until the full charge is reached. Naturally, it is also possible to connect just one or two batteries to a double or triple charger.

## Charging technology in a class of its own

Perfection in every detail

Premium quality, long service life and an award-winning design ... nothing has been left to chance when it comes to the current generation of PerfectCharge battery chargers. They leave nothing to be desired – any on-board situation is easily mastered. Whether multi-stage charging characteristics, adjustable charging capacity, overcharge

protection, battery conditioning /refreshing function, sleep mode function, IEC power point and ease of installation – these and many other details contribute to the high quality of the WAECO automatic chargers.

- 1 IEC socket
- 2 Output for temperature sensor
- 3 Output for remote control
- 4 DIP switches for configuring the charging characteristics
- 5 Battery + connections for simultaneous charging of up to 3 batteries
- 6 Battery – connection



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### Display

A particularly well-designed detail including the main switch (ON/OFF/sleep mode) and three status LEDs to indicate the current charging level. The display is integrated in the unit at a 45° angle so that it can easily be checked from various positions.



### DIP switches

Four DIP switches to select the optimum charging characteristics – this is where charging voltages and times can be configured for wet, gel and AGM batteries according to the manufacturer's specifications. Conditioning/refreshing of "low" batteries is possible, too.



### Cable organiser

With cable guides ready at hand and all connections on one side, everything can be kept nice and neat.



### Sleep mode

In sleep mode the charging capacity is cut by half and the ventilator is switched off. This allows for noiseless charging. The reduced power consumption ensures hassle-free operation at campsites with low circuit protection.



### Clip-on mounts

Individually adjustable clip-on mounts permit adaptation to special installation requirements with perfect results. Additionally, each unit is supplied with a mounting plate, especially helpful for (vertical-) mounting the heavier units.



Remote control and temperature sensor

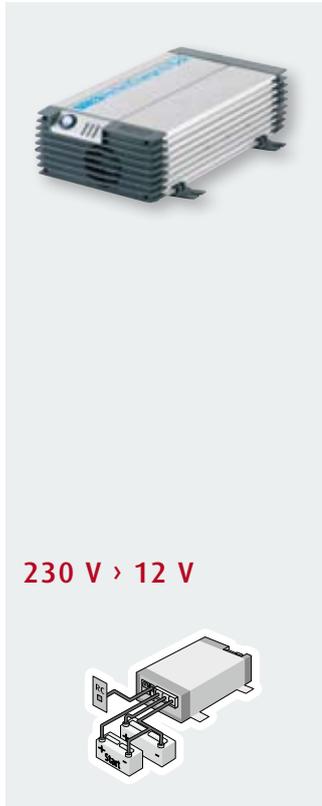
### Accessories

Two extras to make the assets of the PerfectCharge automatic battery charger complete: the remote control enhances operating comfort. The temperature sensor is recommended when charging operations have to be carried out in widely varying or extremely high or low ambient temperatures. See further details on page 137.

## WAECO PerfectCharge IU 152A

IU0U automatic charger 15 A / 12 volts for mobile use

Ideal for motorhomes, motor and sailing yachts, ambulance and emergency service vehicles



230 V › 12 V

<b>Battery outputs</b>	One plus 1 A output for starter battery
<b>Input voltage range</b>	207 – 253 volts AC / 50 – 60 Hz
<b>End-of-charging voltage</b>	14.4 / 14.8 volts DC
<b>Float charging voltage</b>	13.8 volts DC
<b>Maximum battery capacity</b>	150 Ah
<b>U0 phase limited at</b>	8 h or 16 h
<b>Maximum charging current</b>	<b>15 A</b>
<b>Operating temperature</b>	0°C to +50°C
<b>Dimensions (W x H x D)</b>	175 x 91 x 310 mm
<b>Weight</b>	approx. 3.1 kg
<b>Quality features</b>	Overload and short circuit protection, sleep mode, individually adjustable clip-on mounts, mounting aid with cable organiser, exhaust air adapter
<b>Test mark</b>	CE
<b>Type of protection</b>	Equivalent to IP 21

Product	Ref. No.	Ref. No. UK
PerfectCharge IU 152A, 15 A, 12 volts	2222500001	9102500006
<b>Optional extras</b>		
Remote control	901-RC	
Temperature sensor	TF-500	

For simultaneous charging of 1 battery + starter battery

Multi-stage IU0U curve, optimised for charging wet, gel and AGM batteries

Prevent battery overcharging due to limited time of the U0 phase (8 / 16 h)

Quick charging without power fluctuations

Sleep mode

Individually adjustable clip-on mounts

Mounting aid with cable organiser

Exhaust air adapter

Remote control and temperature sensor accessories

## WAECO PerfectCharge IU 252A / IU 154A

IU0U automatic chargers 25 A / 12 volts or 15 A / 24 volts for mobile use

Ideal for motorhomes, motor and sailing yachts, ambulance and emergency service vehicles



IU 252A

IU 154A

230 V › 12 V

230 V › 24 V

	IU 252A	IU 154A
<b>Battery outputs</b>	Two plus one 1 A output for starter battery	
<b>Input voltage range</b>	207 – 253 volts AC / 50 – 60 Hz	
<b>End-of-charging voltage</b>	14.4 / 14.8 volts DC	28.8 / 29.6 volts DC
<b>Float charging voltage</b>	13.8 volts DC	27.6 volts DC
<b>Maximum battery capacity</b>	300 Ah	200 Ah
<b>U0 phase limited at</b>	8 h or 16 h	
<b>Maximum charging current</b>	<b>25 A</b>	<b>15 A</b>
<b>Operating temperature</b>	0°C to +50°C	
<b>Dimensions (W x H x D)</b>	208 x 96 x 332 mm	
<b>Weight</b>	approx. 3.8 kg	
<b>Quality features</b>	as for IU 152A	
<b>Test mark</b>	CE	
<b>Type of protection</b>	Equivalent to IP 21	

Product	Ref. No.	Ref. No. UK
PerfectCharge IU 252A, 25 A, 12 volts	2222500002	9102500007
PerfectCharge IU 154A, 15 A, 24 volts	2222500003	9102500008
<b>Optional extras</b>		
Remote control	901-RC	
Temperature sensor	TF-500	

For simultaneous charging of 2 batteries + starter battery



**WAECO PerfectCharge IU 452A / IU 254A / IU 802A / IU 404A**

IU0U automatic charger, 45 A / 12 volts or 25 A / 24 volts and 80 A / 12 volts or 40 A / 24 volts for mobile use  
Ideal for motorhomes, motor and sailing yachts, ambulance and emergency service vehicles

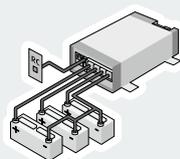


IU 452A



IU 802A

230 V > 12 V  
230 V > 24 V



	IU 452A	IU 254A
<b>Battery outputs</b>	Three	
<b>Input voltage range</b>	207 – 253 volts AC / 50 – 60 Hz	
<b>End-of-charging voltage</b>	14.4 / 14.8 volts DC	28.8 / 29.6 volts DC
<b>Float charging voltage</b>	13.8 volts DC	27.6 volts DC
<b>Max. battery capacity</b>	500 Ah	300 Ah
<b>U0 phase limited at</b>	8 h or 16 h	
<b>Max. charging current</b>	<b>45 A</b>	<b>25 A</b>
<b>Operating temperature</b>	0°C to +50°C	
<b>Dimensions (W x H x D)</b>	208 x 96 x 418 mm	
<b>Weight</b>	approx. 5.5 kg	
<b>Quality features</b>	Overload and short circuit protection, sleep mode, individually adjustable clip-on mounts, mounting aid with cable organiser, exhaust air adapter	
<b>Test marks</b>	CE	
<b>Type of protection</b>	Equivalent to IP 21	

	IU 802A	IU 404A
<b>Battery outputs</b>	Three	
<b>Input voltage range</b>	207 – 253 volts AC / 50 – 60 Hz	
<b>End-of-charging voltage</b>	14.4 / 14.8 volts DC	28.8 / 29.6 volts DC
<b>Float charging voltage</b>	13.8 volts DC	27.6 volts DC
<b>Max. battery capacity</b>	800 Ah	400 Ah
<b>U0 phase limited at</b>	8 h or 16 h	
<b>Max. charging current</b>	<b>80 A</b>	<b>40 A</b>
<b>Operating temperature</b>	0°C to +50°C	
<b>Dimensions (W x H x D)</b>	208 x 96 x 453 mm	
<b>Weight</b>	approx. 6.5 kg	
<b>Quality features</b>	see above	
<b>Test marks</b>	CE	
<b>Type of protection</b>	Equivalent to IP 21	

Product	Ref. No.	Ref. No. UK
PerfectCharge IU 452A, 45 A, 12 volts	2222500004	9102500009
PerfectCharge IU 254A, 25 A, 24 volts	2222500005	9102500010
PerfectCharge IU 802A, 25 A, 12 volts	2222500006	9102500016
PerfectCharge IU 404A, 45 A, 24 volts	2222500007	9102500017
<b>Optional extras</b>		
Remote control	901-RC	
Temperature sensor	TF-500	

**For simultaneous charging of 3 batteries**

- Multi-stage IU0U curve, optimised for charging wet, gel and AGM batteries
- Prevent battery overcharging due to limited time of the U0 phase (8 / 16 h)
- Quick charging without power fluctuations
- Sleep mode
- Individually adjustable clip-on mounts
- Mounting aid with cable organiser
- Exhaust air adapter
- Remote control and temperature sensor accessories



**WAECO PerfectCharge Accessories**

Remote control for IU0U automatic chargers of series IU152A to IU802A



<b>Dimensions (W x D x H)</b>	65 x 110 x 25 mm (22 mm built-in depth)
<b>Quality features</b>	LED for status indication, ON / OFF switch for sleep mode
<b>Scope of delivery</b>	Connection cable, approx. 5 m
<b>Product</b>	<b>Ref. No.</b>
Remote control	901-RC

Temperature sensor with 5 m supply cable



The IU0U chargers of series IU 152A to IU 802A can be equipped with a temperature sensor available as optional extra. This ensures a better charge at cold temperatures and prevents battery gassing at high temperatures.

<b>Product</b>	<b>Ref. No.</b>
Temperature sensor	TF-500

# IU0U charging technology at entry-level prices

Compact units for fast and gentle charging

**Great performance, great price. The PerfectCharge “Compact class” offers all the benefits of IU0U charging technology.** This tried and tested device was designed for charging leisure batteries up to 100 Ah.

Ideal, for example, for mover batteries. With its large input voltage range, the charger compensates for power fluctuations. Advanced switch-mode design ensures high energy efficiency.

WAECO IU0U automatic chargers: perfect technology for charging leisure batteries up to 100 Ah



## WAECO PerfectCharge IU 812

3.16

IU0U automatic charger, 12 volts

Optimal charging technology for 12-volt wet, gel and AGM batteries



<b>Input voltage</b>	230 volts AC
<b>Input voltage range</b>	180 to 253 volts AC / 50 to 60 Hz
<b>Nominal battery voltage</b>	12 volts DC
<b>End-of-charging voltage</b>	14.4 volts DC
<b>Float charging voltage</b>	13.6 volts DC
<b>Maximum battery capacity</b>	100 Ah
<b>Charging curve</b>	IU0U with limited IU0 phase
<b>Maximum charging current</b>	8 A
<b>Operating temperature</b>	0°C to +50°C
<b>Dimensions (W x H x D)</b>	120 x 70 x 200 mm
<b>Weight</b>	approx. 0.9 kg
<b>Quality features</b>	Overload and short-circuit protection
<b>Test mark</b>	CE

Modified IU0U curve, optimised for charging gel, wet and AGM batteries

Prevents battery overcharging due to limited time of the IU0 phase

Quick charging without power fluctuations

Can also be used as mains adapter

<b>Product</b>	<b>Ref. No.</b>
PerfectCharge IU812, 8 A, 12 volts	808-012/1

# Chargers for starter batteries

“Portable” power technology from WAECO – light, compact and functional

Here is professional help for the starter battery of your motorhome or towing vehicle. 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. The IU8 and IU12 models give your battery an additional float charge, which qualifies them as IU0U

chargers. This charging process is ideal for commonly used wet lead batteries as well as for gel and AGM batteries.

The highly functional portable chargers come in a high-quality aluminium / plastic cabinet. Available in three nominal charging current ratings, 6 A, 8 A and 12 A. Indispensable on the move and a must-have in every garage.



A firm hold on charging technology: WAECO PerfectCharge automatic chargers feature an ergonomically shaped carrying handle and are light weight for convenient handling.

Advanced WAECO 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

Ergonomically shaped carrying handle

Neat cable management, no tangled cables

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

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

## Inverters with pure sine wave voltage



SinePower MSP 2012

Pages 142 – 147



## Inverters with modified sine wave voltage



PerfectPower PP 402

Pages 148 – 149

## Inverter in pocket-size format



PocketPower TSI 102

Pages 150 – 151

## Inverters from XS to XXL

### Mobile power sockets

**Whether it's for a car, motorhome or a boat – it makes sense to have 230 volts on board your leisure vehicle.**

After all, enjoying your holiday means being able to use the electrical gadgets you are used to. The problem is they work on 230 volt sockets. Here the vehicle battery or leisure battery can be the power source for the on board system.

How do you turn 12 or 24 volts direct current into 230 volt alternating current? Quite simply: **by using a WAECO**

**inverter.** The comprehensive range of inverters has been tailored to suit a variety of applications. It accounts for all your needs – if you just want a reasonably priced compact unit to run your laptop or if you are often on the road and would like to run your microwave or espresso machine using an inverter. All units feature outstanding quality and a contemporary, user-friendly design.

### Inverter or sine wave inverter?

**The right inverter for you depends on the type and power rating of the appliance to be connected.** The low-priced inverters from the **WAECO PerfectPower** product range provide modified output voltage. This is perfectly adequate for all appliances with a wide input voltage range (hairdryers, vacuum cleaners).

**Sensitive high-tech appliances** with special start-up characteristics, e.g. audio/video devices, require a perfectly stable voltage supply. Fluctuations may cause failure or even damage them. You'll always be on the safe side with the sine wave inverters from the **WAECO SinePower** product range, as they supply stable 230 volt input voltage just like from a home power socket.

Modified or pure sine wave voltage supply is also provided by the small **PocketPower smart inverters**, designed for mobile use of laptops and the like.

Basically, the most demanding electrical appliance determines the choice of inverter. A single appliance on board requiring a pure sine wave voltage is reason enough for you to opt for a sine wave inverter. You should also consider the starting current of the devices. Compressor refrigerators, for example, can consume up to ten times more than their nominal power consumption.



Most frequent applications include: charging mobile phone batteries, cameras, torch lights, power tools, satellite aerials, DVD players, TV sets ...

## Minimal power requirements for some electrical appliances

Device	Power rating	Quality of the output voltage
Coffee maker (filter)	800 – 1500 watts	modified sine wave voltage
Coffee maker (pads)	1200 – 1600 watts	pure sine wave voltage
Espresso machine	1200 – 1600 watts	pure sine wave voltage
Microwave oven	1000 – 1600 watts	modified sine wave voltage
Toaster	1000 – 1500 watts	modified sine wave voltage
Electric kettle	1000 – 1500 watts	modified sine wave voltage
Reading lamp	50 – 100 watts	modified sine wave voltage
Energy-saving bulb	10 – 20 watts	pure sine wave voltage
Fluorescent tube	50 – 100 watts	pure sine wave voltage
Audio / video device	100 – 200 watts	pure sine wave voltage
Laptop computer	100 – 200 watts	modified sine wave voltage
Power drill / circular saw	500 – 1500 watts	modified sine wave voltage
Vacuum cleaner	1000 – 1600 watts	modified sine wave voltage
Electrical toothbrush	50 watts	pure sine wave voltage

### Example:

- › Largest appliance on board is a toaster with 1400 watts
- › The technically most demanding appliance is an electric toothbrush with 50 watt output

### Our recommendation:

A sine wave inverter with at least 1400 watts:

**WAECO SinePower MSP 1512**

### Alternatively:

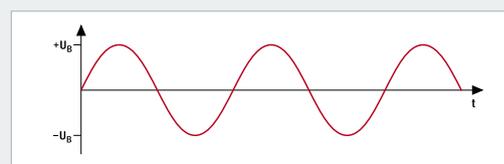
**WAECO PerfectPower PP 2002** for the toaster and an additional sine wave inverter **SinePower MSP 162** for the toothbrush

## Pure or modified sine wave voltage?

### Pure sine wave voltage

The voltage is precisely controlled by a microprocessor.  
The result: a clean sine wave voltage, like that from a home power socket

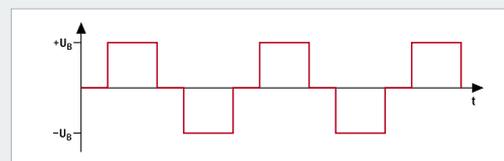
- › **WAECO SinePower sine wave inverters (p. 142 – 147)**



### Modified sine wave voltage

The voltage produces a stepped curve simulating a sine wave.  
The result: an output voltage of stable amplitude and frequency

- › **WAECO PerfectPower inverters (p. 148 – 149)**



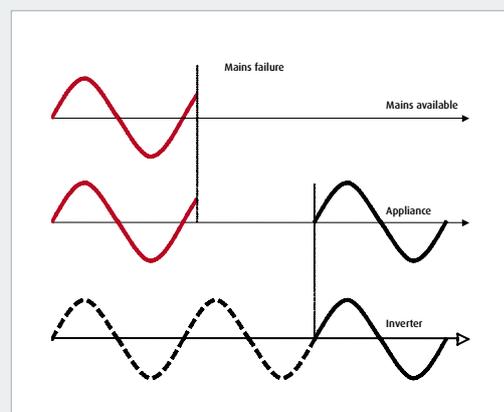
## What are the advantages of a mains priority circuit with voltage synchronisation?

All larger inverters in the PerfectPower and SinePower series feature an integrated mains priority circuit. This automatically gives priority to mains power as soon as it is available. Consequently, the inverter is switched off and the battery saved as soon as your boat or motorhome has access to an external mains supply.

### Mains priority circuit with voltage synchronisation

All high-performance inverters of the WAECO SinePower series have been equipped with this technical highlight. Here's why it makes sense. Many 230-volt appliances depend on an uninterrupted power supply. Moreover, it is vital to ensure a "smooth" voltage switch-over, which is exactly what the **MSP 702 to 2524 sine wave inverters** provide. In these units the inverter voltage is synchronised to match the mains voltage, and the switchover takes place in a fraction of a second.

Only this integrated solution – the combination of inverter and mains priority circuit – permits a smooth switch-over and provides optimum protection for electrical appliances.



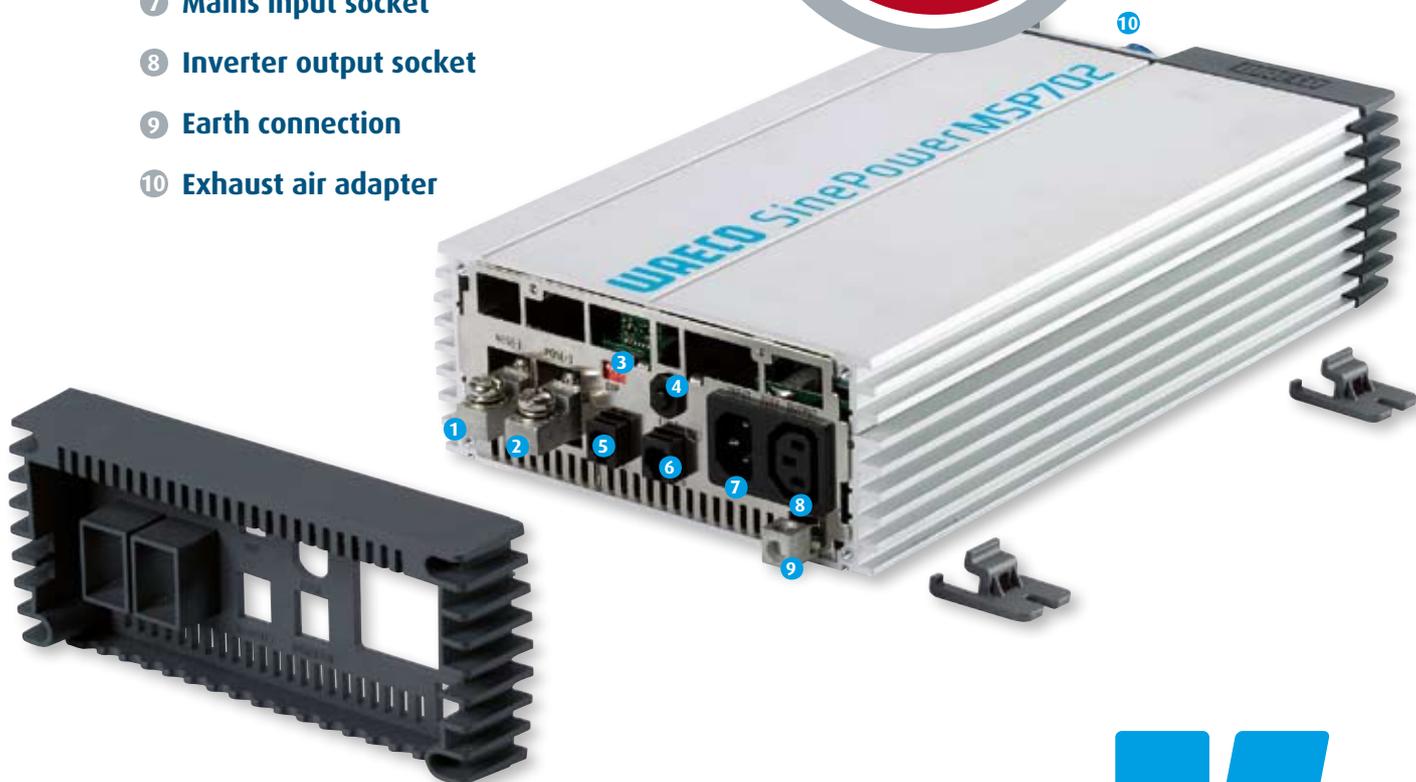
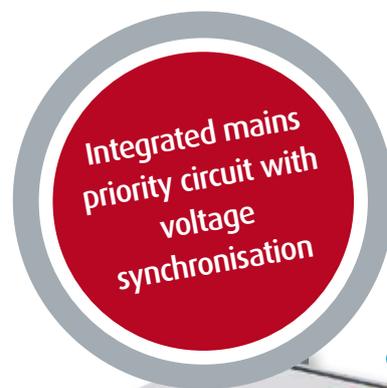
## Sine wave inverters, 700 watts and above

High-performance inverters with pure sine wave voltage

Prize-winning prior to market launch, it hardly comes as a surprise that the SinePower inverter series has been able to convince the most demanding jurors. The units with continuous power ratings of 700 watts and more clearly come up to **professional standards**. Delivering pure sine wave voltage, they are the best possible choice for highly sensitive and powerful electrical appliances. They meet industry standards and combine ultimate user comfort with

invaluable technical features. The **mains supply priority circuit with voltage synchronisation**, for example, switches to the mains power as soon as it is available and ensures uninterrupted voltage supply to the connected appliances with a smooth switch-over. Or the automatic activation of the "sleep mode" when no 230 volt appliances are being operated – saving energy and reducing the strain on the on-board battery!

- 1 Battery – connection
- 2 Battery + connection
- 3 Switch for configuration
- 4 Mains input fuse
- 5 Output for remote control 1
- 6 Output for remote control 2 (RS232)
- 7 Mains input socket
- 8 Inverter output socket
- 9 Earth connection
- 10 Exhaust air adapter



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## Display

A particularly well-designed detail including the main switch (ON/OFF/remote) and three LEDs to indicate the charging level, power output and input voltage range. The display is integrated in the unit at a 45° angle so that it can easily be checked from various positions.



## Sleep mode

When no 230 volt appliance is operated the sine wave inverter automatically turns to sleep mode to reduce the strain on the vehicle battery.



## Cable organiser

With cable guides ready at hand and all connections on one side, everything can be kept nice and neat.



## DIP switches

Using the DIP switches you can activate the power-save mode and set the desired output rating. When a connected appliance requires an output higher than the set value, the inverter will run in normal mode. When the output is lower than the one set it will run in the power-save mode.



## Clip-on mounts

Individually adjustable clip-on mounts permit adaptation to special installation requirements with perfect results. Additionally, each unit is supplied with a mounting plate, especially helpful for (vertical-) mounting the heavier units.



## Accessories

Two remote control models make the assets of the SinePower sine wave inverters complete. You can choose the inexpensive standard model or opt for the high-end version, either is suitable for switchboard mounting.

## WAECO SinePower MSP 702 / MSP 704 / MSP 1012 / MSP 1024 / MSP 1512 / MSP 1524

3.30

Sine wave inverters 700 / 1000 / 1500 watts

Turn 12 or 24 volts battery voltage into pure 230 volts AC



	MSP 702 / MSP 704	MSP 1012 / MSP 1024	MSP 1512 / MSP 1524
<b>Input voltage</b>	12 volts DC (10.5 – 15 volts) or 24 volts DC (21 – 30 volts)		
<b>Output voltage / curve</b>	230 volts AC / pure sine wave 		
<b>Output frequency</b>	50 Hz		
<b>Sleep mode current input</b>	0.25 / 0.15 A	0.25 / 0.15 A	0.28 / 0.15 A
<b>No-load current input</b>	1.2 / 0.6 A	1.25 / 0.65 A	1.4 / 0.7 A
<b>Continuous power</b>	<b>700 watts</b>	<b>1000 watts</b>	<b>1500 watts</b>
<b>Peak power</b>	1400 watts	2000 watts	3000 watts
<b>Efficiency up to</b>	90% / 92%	90% / 93%	90% / 93%
<b>Dimensions (W x H x D mm)</b>	190 x 90 x 380	225 x 117 x 435	225 x 117 x 465
<b>Weight</b>	approx. 5.5 kg	7.6 kg	8.4 kg
<b>Quality features</b>	Integrated mains priority circuit with voltage synchronisation, over-voltage and low-voltage cut-off, overload and short circuit protection, outputs for remote control and external ON / OFF switch, adapter for heat dissipation hose, IEC socket / plug, individually adjustable clip-on mounts, cable organiser and mounting plate, three-colour LED for status indication, microprocessor-controlled output voltage, sleep-mode function, AC connection cable with earthed safety plug, AC connection cable with earthed safety socket		
<b>Test marks</b>	Certified to ECE-R10, CE		
<b>Type of protection</b>	Equivalent to IP 21		

Microprocessor-controlled electronics for pure sine wave voltage

Integrated mains priority circuit with voltage synchronisation

Overload and short circuit protection

RS232 output for remote control or computer and output for connection of an external switch

Individually adjustable clip-on mounts

Product	Ref. No.	Ref. No. UK
SinePower MSP 702, 700 watts, 12 volts	MSP700-012	9102600020
SinePower MSP 704, 700 watts, 24 volts	MSP700-024	9102600021
SinePower MSP 1012, 1000 watts, 12 volts	MSP1000-012	9102600008
SinePower MSP 1024, 1000 watts, 24 volts	MSP1000-024	9102600009
SinePower MSP 1512, 1500 watts, 12 volts	MSP1500-012	9102600010
SinePower MSP 1524, 1500 watts, 24 volts	MSP1500-024	9102600011
<b>Optional extras</b>		
DC connection cable for MSP 702 / 704, 25 mm <sup>2</sup> , 1.5 m	9102700001	
DC connection cable for MSP 1012 / 1024 and MSP 1512 / 1524, 35 mm <sup>2</sup> , 1.5 m	9102700002	



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**WAECO SinePower MSP 2012 / MSP 2024 / MSP 2512 / MSP 2524****3.30**

Sine wave inverters 2000 watts / 2500 watts

Turn 12 or 24 volts battery voltage into pure 230 volts AC



MSP2012



MSP2512

	MSP 2012 / MSP 2024	MSP 2512 / MSP 2524
<b>Input voltage</b>	12 volts DC (10.5 to 15 volts) or 24 volts DC (21 to 30 volts)	
<b>Output voltage / curve</b>	230 volts AC / pure sine wave 	
<b>Output frequency</b>	50 Hz	
<b>Sleep mode current input</b>	0.6 / 0.3 A	0.6 / 0.35 A
<b>No-load current input</b>	2.3 / 1.1 A	2.4 / 1.5 A
<b>Continuous power</b>	<b>2000 watts</b>	<b>2500 watts</b>
<b>Peak power</b>	4000 watts	5000 watts
<b>Efficiency up to</b>	90% / 93%	90% / 93%
<b>Dimensions (W x H x D mm)</b>	349 x 116 x 516	349 x 116 x 546
<b>Weight</b>	approx. 15.5 kg	16.9 kg
<b>Quality features</b>	Integrated mains priority circuit with voltage synchronisation, over-voltage and low-voltage cut-off, overload and short circuit protection, outputs for remote control and external ON / OFF switch, adapter for heat dissipation hose, IEC socket / plug, individually adjustable clip-on mounts, cable organiser and mounting plate, three-colour LED for status indication, microprocessor-controlled output voltage, sleep-mode function, AC connection cable with earthed safety plug, AC connection cable with earthed safety socket	
<b>Test marks</b>	Certified to ECE-R10, CE	
<b>Type of protection</b>	Equivalent to IP-21	

Microprocessor-controlled electronics for pure sine wave voltage

Integrated mains priority circuit with voltage synchronisation

Overload and short circuit protection

RS232 output for remote control or computer and output for connection of an external switch

Individually adjustable clip-on mounts

Product	Ref. No.	Ref. No. UK
SinePower MSP 2012, 2000 watts, 12 volts	MSP2000-012	9102600014
SinePower MSP 2024, 2000 watts, 24 volts	MSP2000-024	9102600015
SinePower MSP 2512, 2500 watts, 12 volts	MSP2500-012	9102600016
SinePower MSP 2524, 2500 watts, 24 volts	MSP2500-024	9102600017

**Optional extras**DC connection cable for MSP 2012 / 2024, 50 mm<sup>2</sup>, 1.0 m 9102700003DC connection cable for MSP 2512 / 2524, 70 mm<sup>2</sup>, 1.0 m 9102700004CARAVANNING  
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INNOVATIONS FOR NEW MOBILITY**WAECO SinePower Accessories****3.30**

Remote controls for sine wave inverters



	MCR-7 (MSP 702 to MSP 2524)	MCR-9 (MSP 162 to MSP 2524)
<b>Dimensions</b>	130 x 120 x 25 mm (W x H x D)	58 x 72 x 28 mm (W x H x D)
<b>Weight</b>	400 g	40 g
<b>Cable length</b>	7.5 m	7.5 m
<b>Quality features</b>	Low-voltage, over-voltage, overheat and overload indicated by red LEDs, stand-by and power on indicated by green LEDs	Power on indicated by red LED

Two models to choose from

Both remote controls are suitable for switchboard mounting

Product	Ref. No.
Comfort remote control	MCR-7
Standard remote control	MCR-9



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## Sine wave inverters up to 350 watts

Pure sine wave voltage for sensitive appliances

Even the “smaller” SinePower sine wave inverters with 150 and 350 watts feature the distinctive design of WAECO electronics. They turn 12- or 24-volt battery power into pure 230 volt 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. Convenient details include adjustable mounts, an output for connecting a remote control and an external ON/OFF switch.



A “garage” for 12 or 24 volt plugs (MSP 162 and MSP 164 models)



Back with output for remote control



Display with main switch and LEDs



Individually adjustable clip-on mounts

**WAECO SinePower MSP 162 / MSP 164 / MSP 352 / MSP 354****3.30**

Sine wave inverters 150/350 watts

Turn 12 or 24 volts battery voltage into pure 230 volts AC



MSP 162



MSP 352



	MSP 162 / MSP 164	MSP 352 / MSP 354
<b>Input voltage</b>	12 volts DC (11 – 15 volts) or 24 volts DC (22 – 30 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, 24 volts: 0.6 A	
<b>Continuous power</b>	<b>150 watts</b>	<b>350 watts</b>
<b>Peak power</b>	300 watts	700 watts
<b>Efficiency</b>	Up to 90%	
<b>Dimensions (W x H x W)</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 / MSP164 with 12- or 24-volt cigarette lighter plug	
<b>Test marks</b>	Certified to ECE-R10, CE	
<b>Type of protection</b>	Equivalent to IP 21	

**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**

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Product	Ref. No.	Ref. No. UK
SinePower MSP 162, 150 watts, 12 volts	MSP160-012	9102600012
SinePower MSP 164, 150 watts, 24 volts	MSP160-024	9102600013
SinePower MSP 352, 350 watts, 12 volts	MSP350-012	9102600018
SinePower MSP 354, 350 watts, 24 volts	MSP350-024	9102600019
<b>Optional extras</b>		
Standard remote control	MCR-9	

## Inverters with modified sine wave voltage

### 230 volts for many commonly used appliances

High product quality, a distinctive look, top technology, numerous comfort features: the WAECO PerfectPower series inverters provide everything a premium appliance should. The units up to 550 watts are particularly light and compact. They turn 12 or 24 volt battery voltage into a sine-wave-like 230-volt alternating voltage, which is fully adequate for a multitude of applications. This inverter

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



3.18

### WAECO PerfectPower PP 152 / PP 154 / PP 402 / PP 404 / PP 602 / PP 604

Inverters 150 / 350 / 550 watts

Turn 12 or 24 volts battery voltage into 230 volts AC



	PP 152 / PP 154	PP 402 / PP 404	PP 602 / PP 604
<b>Input voltage</b>	12 volts DC (11 – 15 volts) or 24 volts DC (22 – 30 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>	<b>150 watts</b>	<b>350 watts</b>	<b>550 watts</b>
<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, PP 152 / PP 154 with cigarette lighter plug		
<b>Test marks</b>	Certified to ECE-R10, CE		
<b>Type of protection</b>	Equivalent to IP 21		

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 / PP 154 with cigarette lighter plug



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

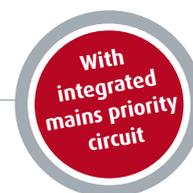
Product	Ref. No.	Ref. No. UK
PerfectPower PP 152, 150 watts, 12 volts	PP152	PP152/UK
PerfectPower PP 154, 150 watts, 24 volts	PP154	PP154/UK
PerfectPower PP 402, 350 watts, 12 volts	PP402	PP402/UK
PerfectPower PP 404, 350 watts, 24 volts	PP404	PP404/UK
PerfectPower PP 602, 550 watts, 12 volts	PP602	PP602/UK
PerfectPower PP 604, 550 watts, 24 volts	PP604	PP604/UK

# High-performance inverters

## Modified sine wave voltage for powerful 230-volt appliances

Microwave ovens, toasters and vacuum cleaners are real “power burners”, yet convenient to have on board. Operation is no problem either with a high-performance inverter from the new PerfectPower series described above. The 1000- or 2000-watt models generate a sine-wave-like 230-volt alternating voltage for particularly powerful appliances. User benefits add up to an all-round treat including perfect design, premium quality, and a variety of technical extras for enhanced comfort.

Just take the **mains priority circuit**, designed to switch over to mains power as soon as it is available. Or the soft-start function, which ensures gentle starting even for powerful appliances. Cable organisers, exhaust air adapter, outputs for remote control and external ON/OFF switch, adjustable mounts, mounting plate – the PerfectPower high-performance inverters leave nothing to be desired!



3.18

### WAECO PerfectPower PP 1002 / PP 1004 / PP 2002 / PP 2004

High-performance inverters with integrated mains priority circuit, 1000/2000 watts  
Turn 12 or 24 volts battery voltage into 230 volts AC



PP 1002



PP 2002



	PP 1002 / PP 1004	PP 2002 / PP 2004
<b>Input voltage</b>	12 volts DC (11 to 15 volts) or 24 volts DC (22 to 30 volts)	
<b>Output voltage / curve</b>	230 volts AC / modified sine wave 	
<b>Output frequency</b>	50 Hz	
<b>No-load current input</b>	< 0.8 A	< 1.5 A
<b>Continuous power</b>	<b>1000 watts</b>	<b>2000 watts</b>
<b>Peak power</b>	2000 watts	4000 watts
<b>Cooling</b>	Built-in fan	Built-in fan
<b>Efficiency</b>	Up to 85%	Up to 85%
<b>Mains priority</b>	Integrated	Integrated
<b>Mains input voltage</b>	230 volts AC / 10 A	230 volts AC / 10 A
<b>Dimensions (W x H x D)</b>	176 x 95 x 338 mm	176 x 95 x 443 mm
<b>Weight</b>	approx. 3.5 kg	approx. 5 kg
<b>Quality features</b>	Mains priority circuit, overload and short circuit protection, outputs for remote control and external ON/OFF switch, individually adjustable clip-on mounts, cable organiser and mounting plate, AC connection cable with earthed safety plug	
<b>Test marks</b>	Certified to ECE-R10, CE	
<b>Type of protection</b>	Equivalent to IP 21	

With integrated mains priority circuit

High peak output for especially powerful appliances

Overload and short circuit protection

Can be switched on or off by external switch

Output for remote control

Individually adjustable clip-on mounts



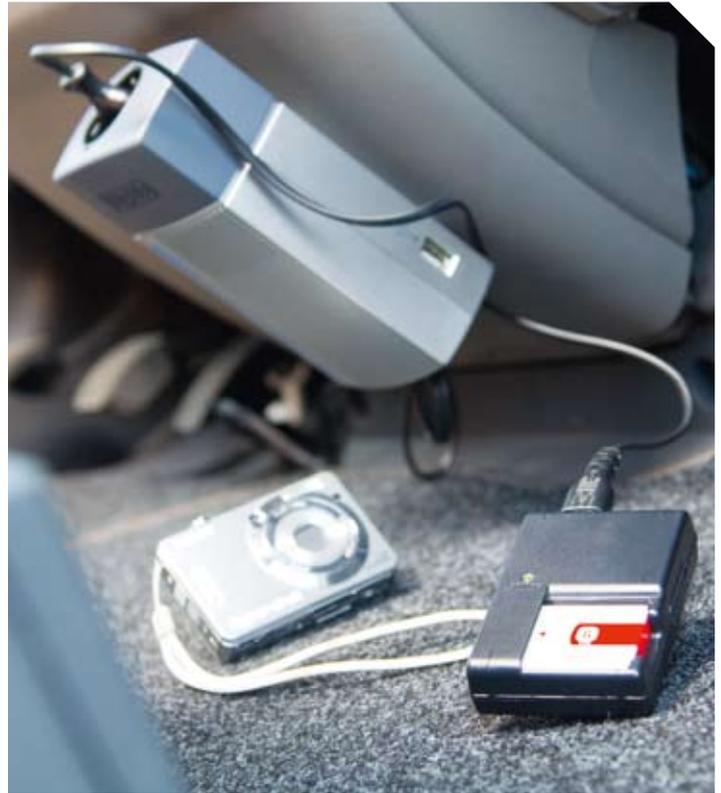
Front with input and mains input fuse



Nice and neat: all cables on the back

Product	Ref. No.	Ref. No. UK
PerfectPower PP 1002, 1000 watts, 12 volts	PP1002	9102600003
PerfectPower PP 1004, 1000 watts, 24 volts	PP1004	9102600004
PerfectPower PP 2002, 2000 watts, 12 volts	PP2002	9102600005
PerfectPower PP 2004, 2000 watts, 24 volts	PP2004	9102600006
<b>Optional extras</b>		
DC connection cable for PP 1002 / 1004, 35 mm <sup>2</sup> , 1.5 m	9102700005	
DC connection cable for PP 2002 / 2004, 50 mm <sup>2</sup> , 1.0 m	9102700006	
Standard remote control	MCR-9	

# WAECO PocketPower SI / TSI



## 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. Connected in the line between the laptop and the cigarette lighter, PocketPower smart inverters put you on the safe side. 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 SI102** generates a sine-wave-like 230-volt alternating voltage, which is perfectly adequate for many applications. The **PocketPower TSI102** 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.

Handy, convenient, one-of-a-kind!

**It's unique in the market: the PocketPower TSI102 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 ...



**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

<b>Nominal input voltage</b>	12 volts DC (11 – 15 volts)
<b>Output voltage / curve</b>	230 volts AC / modified sine wave
<b>Output voltage USB</b>	5 volts / 0.5 A
<b>Output frequency</b>	50 Hz
<b>No-load current input</b>	< 0,4 A
<b>Continuous power</b>	<b>100 watts</b>
<b>Peak power</b>	200 watts
<b>Low-voltage cut-off</b>	10.8 volts
<b>Cooling</b>	Built-in fan
<b>Energy efficiency</b>	Up to 90%
<b>Dimensions (W x H x D)</b>	67 x 43 x 125 mm
<b>Weight</b>	282 g
<b>Test mark</b>	Certified to ECE-R10, CE

**Attention! Not suitable for use in the UK**

Product	Ref. No.
PocketPower SI 102, 100 watts, 12 volts	2222600001

**Ideal for mobile operation of laptops****Lightweight and compact****Smart features – small price!****Cigarette lighter connection****USB charging port****LED status indication****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

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

**Attention! Not suitable for use in the UK**

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****LED status indication**



## Voltage converters for universal use

The perfect link between vehicle battery and appliance

They combine what was never intended to be combined. If the 12-volt navigation system is powered by the 24-volt on-board battery and the 24-volt fleet management computer easily copes with a 12-volt supply, there's bound to be a PerfectPower voltage converter somewhere along the line.

In these units, the input voltage is electrically isolated from the output voltage to compensate for under- and over-voltage on the input side.

Due to this feature, the voltage converters meet the highest demands for **voltage stability** and **operating safety**. This makes them ideal for sensitive appliances or use in safety-conscious areas, e.g. hazardous goods transport.

PerfectPower voltage converters have an electronically regulated output voltage, to which they owe their **extra function as a high-quality IU charger**. Moreover, several converters **can be used in parallel**.



## WAECO PerfectPower DCDC 10 / DCDC 20 / DCDC 40

Voltage converters 10, 20 or 40 A

Ideal for sensitive appliances

Can also be used as battery chargers

To increase capacity, several converters can be used in parallel

Ideal for larger motorhomes with 12- or 24-volt starter battery and 12- or 24-volt leisure battery



DCDC 10



DCDC 20



DCDC 10



DCDC 20



DCDC 40

## Features &amp; functions

- › High energy efficiency
- › Electrically isolated output voltage
- › Clean output voltage
- › Parallel operation possible
- › IU battery charging curve
- › Additional ON/OFF input
- › Stabilises the battery/generator voltage
- › Stabilises the on-board power supply during engine start
- › EMC optimised for the automotive industry

	DCDC 10	DCDC 20
<b>Nominal input voltage</b>	12 volts DC	12 volts DC
<b>Input voltage range</b>	8 to 16 volts DC	8 to 16 volts DC
<b>Output current</b>	10 A	20 A
<b>Output voltage</b>	27.6 ± 0.1 volts	27.6 ± 0.1 volts
<b>Energy efficiency</b>	87%	87%
<b>Ripple &amp; Noise</b>	40 mA	40 mA
<b>Dimensions (W x H x D)</b>	115 x 70 x 155 mm	115 x 70 x 240 mm
<b>Weight</b>	1.2 kg	1.9 kg
<b>Test mark</b>	e-approved to Automotive EMC Directive	

Product	Ref. No.
PerfectPower DCDC 10, 10 A, 12 volts » 24 volts	DC1224-10
PerfectPower DCDC 20, 20 A, 12 volts » 24 volts	DC1224-20

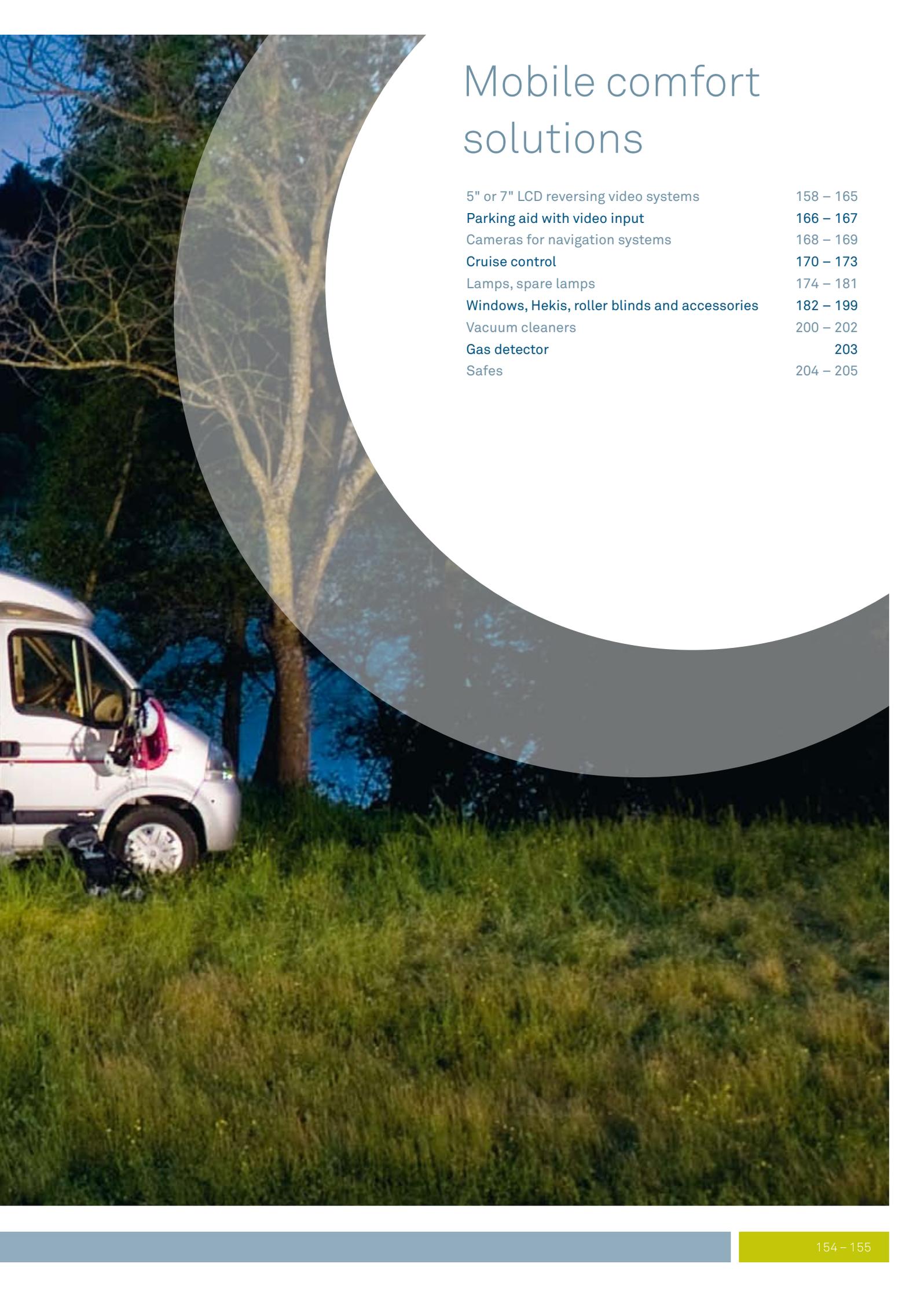
DCDC 10	
<b>Nominal input voltage</b>	24 volts DC
<b>Input voltage range</b>	20 to 32 volts DC
<b>Output current</b>	10 A
<b>Output voltage</b>	27.6 ± 0.1 volts
<b>Energy efficiency</b>	87%
<b>Ripple &amp; Noise</b>	40 mA
<b>Dimensions (W x H x D)</b>	115 x 70 x 140 mm
<b>Weight</b>	1.0 kg
<b>Test mark</b>	e-approved to Automotive EMC Directive

Product	Ref. No.
PerfectPower DCDC 10, 10 A, 24 volts » 24 volts	DC2424-10

	DCDC 20	DCDC 40
<b>Nominal input voltage</b>	24 volts DC	24 volts DC
<b>Input voltage range</b>	20 to 32 volts DC	20 to 32 volts DC
<b>Output current</b>	20 A	40 A
<b>Output voltage</b>	13.8 ± 0.1 volts	13.8 ± 0.1 volts
<b>Energy efficiency</b>	87%	87%
<b>Ripple &amp; Noise</b>	20 mA	20 mA
<b>Dimensions (W x H x D)</b>	115 x 70 x 155 mm	115 x 70 x 240 mm
<b>Weight</b>	1.2 kg	1.9 kg
<b>Test mark</b>	e-approved to Automotive EMC Directive	

Product	Ref. No.
PerfectPower DCDC 20, 20 A, 24 volts » 12 volts	DC2412-20
PerfectPower DCDC 40, 40 A, 24 volts » 12 volts	DC2412-40





# Mobile comfort solutions

5" or 7" LCD reversing video systems	158 – 165
Parking aid with video input	166 – 167
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Cruise control	170 – 173
Lamps, spare lamps	174 – 181
Windows, Hekis, roller blinds and accessories	182 – 199
Vacuum cleaners	200 – 202
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## Sights set on reversing safely

The new safety solutions from WAECO

**Damage to a caravan causes stress, and happens quickly. Tight parking spaces, obscured driveways, obstacles when reversing: the risk of a “taking a knock” is – literally – lurking everywhere.**

That’s when things get expensive – especially when third party claims are involved. With a PerfectView reversing video system from WAECO, you will be spared that kind of unwelcome holiday souvenir. The investment costs will seem negligible the first time damages are avoided.

Right in time for the 2010 holiday season, we are presenting a completely new range of reversing video systems which have been specially geared for use in

recreational vehicles. In essence, it consists of two high-quality LCD monitors and three compact colour cameras which can be combined with each other any way you like. This results in six different systems which will measure up to all (comfort) expectations.

Those who want only the very best for themselves and their vehicle will want to complement their PerfectView reversing video system with the MagicWatch MWE850RV parking aid. It gives an acoustic warning and ensures that the person steering the vehicle will notice even the most difficult-to-see obstacles. An optimum combination of active and passive safety when manoeuvring!

## Entry-level reverse vision

Elegant colour camera in silver or white. Also featuring the 5" or the large 7" monitor. Two impressive basic solutions at an attractive price.

### WAECO PerfectView

Pages 160 – 163



PerfectView RVS 550

PerfectView RVS 750

## ... and for pros

The compact shutter camera sees more than the others: its wide 145° picture angle even detects peripheral obstacles. Two system versions with a 5" or 7" monitor.



PerfectView RVS 580

PerfectView RVS 780

## For optimal close-range and distance vision

Two systems with the unique colour twin camera with a motor-operated shutter. The camera is equipped with a wide-range and a telescopic lens and therefore allows both excellent close-range and distance vision.

## Reversing video + parking aid

All six PerfectView reversing video systems can be combined with the tried-and-tested parking aid WAECO MagicWatch MWE 850 RV. It is also compatible with the PerfectView cameras, which enhance existing navigation systems with a reversing video function.

### WAECO PerfectView

Pages 164 – 165

### WAECO MagicWatch

Pages 166 – 167



PerfectView RVS 590

PerfectView RVS 790

Test winner!



MagicWatch MWE 850RV

## Compatible with navigation systems

Pages 168 – 169

All three WAECO PerfectView cameras supplement existing navigation systems with a reversing video system.

### WAECO PerfectView



PerfectView CAM 50NAV

PerfectView CAM 80NAV



PerfectView CAM 33NAV



# Optimum picture in two formats

## The new WAECO PerfectView monitors

The two flat-screen 5" and 7" monitors differ only in their size, and are otherwise equipped with the same performance features. LCD technology and LED back-lighting ensure a premium picture display. Large, easily to reach pushbuttons make operation very convenient. Particularly practical: when required, the monitors can be removed without the cabling to protect them from theft.

- | **Removeable monitor**
- | **LED background illumination**
- | **Optimum picture quality even at low temperatures**
- | **Two camera inputs with signal detection**
- | **Real-view or mirrored picture function via monitor**
- | **Picture settings can be saved for each camera input**
- | **USB-battery output**
- | **For 12-volt to 30-volt operating voltage**



Easylink monitor mount:  
the monitor can be easily removed and attached again.



Lockable plug-in connector – IP 67 compliant



USB-battery output:  
for charging e.g. MP3 players,  
battery chargers.



Backlit keyboard

## In focus: the new WAECO PerfectView cameras

We know from experience how different the expectations made of a reversing video system are in the recreational sector. That's why we have completely overhauled the PerfectView camera range and adapted them perfectly to both monitors. Two brand new cameras and the tried-and tested twin camera CAM33C1 ensure that no user wish goes unfulfilled.



### WAECO PerfectView CAM 50C

#### Compact extra-slim colour camera

With its slim design, this new colour camera suits modern vehicle models particularly well. Also available in white, so that it can be installed on white vehicles and still remain virtually "invisible".



### WAECO PerfectView CAM 80C

#### Smallest shutter camera with a 145° picture angle

As well as being one of the smallest cameras on the market, it is most certainly the smallest shutter camera with an extra wide picture angle of 145°. The motor-operated shutter protects the new CAM 80C's lens from dirt.



### WAECO PerfectView CAM 33C1

#### Colour twin camera for optimum close and long range vision

The tried-and-tested twin camera for perfect long and close range vision also features a shutter and is equipped with two camera lenses. Apart from surveying the area immediately behind the vehicle, this camera also provides long-distance vision far beyond the vehicle.

## Ready for use anytime: three cameras which won't miss a thing

The new WAECO PerfectView camera feature a **temperature-controlled heater**, which works independently of the system's operating status. The outcome: even after cold nights or on icy winter days the cameras are ready to start shooting right after being switched on – no need for time-consuming warm up. Another weather-specific advantage: **waterproof housing, IP 68 compliant**, ensures that rain, moisture or damp won't affect the high-quality units.

Cameras  
also available  
in white!



## Reversing safety at entry-level prices

Basic solutions with a colour camera

The reversing video systems **WAECO PerfectView RVS 550 and RVS 750** are equipped with the new colour camera CAM50C. This features an especially slim design which harmonises well with modern vehicle models. There is a version available in white for the owners of white motorhomes or caravans, which blends in perfectly with these vehicles' appearance.

The RVS 550, equipped with a compact 5" LCD monitor, is the best value system in the PerfectView range. If you have enough room on board, then choose the RVS 750 with the large 7" monitor. Both systems feature **easy installation** thanks to plug-in connections. And the monitors can be removed without cabling to protect them from theft.



Stainless steel mount with concealed cable organisers



Blends in perfectly with the vehicle's appearance



Removeable monitor with top-quality LCD technology

**WAECO PerfectView RVS 550 / RVS 750**

Reversing video systems with 5" or 7" LCD monitor and colour camera  
Colour system with LED support



CAM 50C – colour: silver



CAM 50CW – colour: white

**Colour camera CAM 50C (Colour: silver) / CAM 50CW (Colour: white)**

- › Colour CCD camera (PAL) with LED
- › Real-view or mirrored picture function
- › Anodised and powder coated housing
- › Adjustable anti-glare sun protection
- › Microphone
- › Temperature controlled heater
- › Electronic brightness adjustment
- › LDR controlled IR-LEDs
- › Wide-angle lens with large picture angle (120° diagonal)

Technical data	CAM 50C / CAM 50CW
<b>Dimensions (W x H x D)</b>	94 x 62 x 48 mm (incl. mount)
<b>Operating voltage</b>	11 to 16 volts DC
<b>Power input</b>	1.8 watts with heater
<b>Picture sensor</b>	1/4" SONY CCD
<b>Resolution</b>	270,000 pixels
<b>Picture angle</b>	120° diagonal h: approx. 90° v: approx. 70°
<b>Light sensitivity</b>	< 1 lux or 0 lux with LED
<b>Video standard</b>	PAL
<b>Operating temperature</b>	-20°C to +65°C
<b>Colour</b>	CAM 50C: silver / CAM 50CW: white
<b>Vibration resistance</b>	6 g
<b>Weight</b>	200 g
<b>Brightness adjustment</b>	electronic
<b>Mirrored picture function</b>	can be set
<b>Type of protection</b>	IP 68
<b>Test mark</b>	E-approval

**5" LCD colour monitor M5L**

- › For 12-volt and 24-volt operating voltage
- › Switches on automatically
- › Automatic day/night adjustment
- › Real-view or mirrored picture function
- › 235,000 pixels
- › 2 camera inputs with separate controls
- › Image settings can be saved for either camera
- › Loudspeaker
- › USB connection for charging e.g. MP3 players
- › LED background illumination

Technical data	M5L
<b>Dimensions (W x H x D)</b>	144 x 128 x 120 mm (incl. mount)
<b>Diagonal screen dimension</b>	5"/128 mm (visible picture)
<b>Operating voltage</b>	12 to 30 volts DC
<b>Power input</b>	10 watt
<b>Resolution</b>	235,000 pixels
<b>Video standard</b>	PAL/NTSC auto
<b>Operating temperature</b>	-15°C to +60°C
<b>Vibration resistance</b>	5 g
<b>Weight</b>	300 g
<b>Picture brightness</b>	300 cd/m <sup>2</sup>
<b>Dimmer</b>	automatic via LDR
<b>Camera inputs</b>	2 with signal detection
<b>Mirrored picture function</b>	can be set
<b>Test mark</b>	E-approval

**7" LCD colour monitor M7L**

- › For 12-volt and 24-volt operating voltage
- › Switches on automatically or by manual operation
- › Automatic day/night adjustment
- › Real-view or mirrored picture function
- › 337,000 pixels
- › 2 camera inputs with separate controls
- › Image settings can be saved for either camera
- › Loudspeaker
- › USB connection for charging e.g. MP3 players
- › LED background illumination

Technical data	M7L
<b>Dimensions (W x H x D)</b>	186 x 145 x 120 mm (incl. mount)
<b>Diagonal screen dimension</b>	7"/178 mm (visible picture)
<b>Operating voltage</b>	12 to 30 volts DC
<b>Power input</b>	12 watt
<b>Resolution</b>	337,000 pixels
<b>Video standard</b>	PAL/NTSC auto
<b>Operating temperature</b>	-15°C to +60°C
<b>Vibration resistance</b>	5 g
<b>Weight</b>	450 g
<b>Picture brightness</b>	300 cd/m <sup>2</sup>
<b>Dimmer</b>	automatic via LDR
<b>Camera inputs</b>	2 with signal detection
<b>Mirrored picture function</b>	can be set
<b>Test mark</b>	E-approval

**Scope of delivery RVS 550:** 5" LCD colour monitor, colour camera, 20 m monitor-to-camera connection cable, set of cables for monitor, installation fittings for all components, anti-glare/sun visor

**Scope of delivery RVS 750:** 7" LCD colour monitor, colour camera, 20 m monitor-to-camera connection cable, set of cables for monitor, installation fittings for all components, anti-glare/sun visor

Product	Ref. No.
PerfectView RVS 550 (camera: silver)	9101900009
PerfectView RVS 550W (camera: white)	9101900025
PerfectView RVS 750 (camera: silver)	9101900022
PerfectView RVS 750W (camera: white)	9101900011
<b>Optional extras</b>	
Distance keeper	9102200058
Parking aid MagicWatch MWE850RV	2221500001

**NEW**

**Compact extra low colour camera**

**Concealed cable organiser**

**Removeable monitor**

**Top LCD technology**

**LED background illumination for maximum picture brightness**

**USB-battery output**

**E-approval**



## Extra-wide picture angle

Systems with highly-compact colour shutter camera

Already one of the most petite cameras, and most certainly the **smallest shutter camera** to offer a large-scale **picture angle of 145°** for reversing. Infra-red LEDs for improved night vision and the lenses have been aligned separately here to prevent reflections. The high-quality CAM80C also provides a motor-operated shutter which protects the lens from dirt and damage.

If you count on this unique camera for your safety when reversing, you have two options: in the WAECO PerfectView RVS580 system, it is enhanced by the compact 5" LCD monitor, in the RVS 780 system the large 7" monitor provides optimum picture reproduction.



LEDs aligned separately



Motor-operated protective cover against dirt and damage



Slim design

**WAECO PerfectView RVS 580 / RVS 780**

Reversing video systems with 5" or 7" LCD monitor and colour shutter camera  
Colour system with LED support

**Colour shutter camera CAM 80C**

- > Colour CCD camera (PAL) with LED
- > Factory preset mirrored picture function
- > Automatic, motor-operated shutter to prevent soiling of the camera lens
- > Anodised and powder coated aluminium housing with protective cover and mount in stainless steel
- > Microphone
- > Temperature controlled heater
- > Electronic brightness adjustment
- > LDR controlled IR-LEDs
- > Wide-angle lens with large picture angle (145° diagonal)

Technical data	CAM 80C
Dimensions (W x H x D)	106 x 68 x 54 mm (incl. mount)
Operating voltage	11 to 16 volts DC
Power input	1.8 watts with heater
Picture sensor	1/3" SONY CCD
Resolution	270,000 pixels
Picture angle	145° diagonal h: approx. 100° v: approx. 72°
Light sensitivity	< 1 lux or 0 lux with LED
Video standard	PAL
Operating temperature	-20°C to +65°C
Vibration resistance	6 g
Weight	350 g
Brightness adjustment	electronic
Mirrored picture function	Factory preset
Type of protection	IP 68
Test mark	E-approval

**5" LCD colour monitor M 5L**

- > For 12-volt and 24-volt operating voltage
- > Switches on automatically
- > Automatic day/night adjustment
- > Real-view or mirrored picture function
- > 235,000 pixels
- > 2 camera inputs with separate controls
- > Image settings can be saved for either camera
- > Loudspeaker
- > USB connection for charging e.g. MP3 players
- > LED background illumination

Technical data	M 5L
Dimensions (W x H x D)	144 x 128 x 120 mm (incl. mount)
Diagonal screen dimension	5"/128 mm (visible picture)
Operating voltage	12 to 30 volts DC
Power input	10 watt
Resolution	235,000 pixels
Video standard	PAL/NTSC auto
Operating temperature	-15°C to +60°C
Vibration resistance	5 g
Weight	300 g
Picture brightness	300 cd/m <sup>2</sup>
Dimmer	automatic via LDR
Camera inputs	2 with signal detection
Mirrored picture function	can be set
Test mark	E-approval

**7" LCD colour monitor M 7L**

- > For 12-volt and 24-volt operating voltage
- > Switches on automatically or by manual operation
- > Automatic day/night adjustment
- > Real-view or mirrored picture function
- > 337,000 pixels
- > 2 camera inputs with separate controls
- > Image settings can be saved for either camera
- > Loudspeaker
- > USB connection for charging e.g. MP3 players
- > LED background illumination

Technical data	M 7L
Dimensions (W x H x D)	186 x 145 x 120 mm (incl. mount)
Diagonal screen dimension	7"/178 mm (visible picture)
Operating voltage	12 to 30 volts DC
Power input	12 watt
Resolution	337,000 pixels
Video standard	PAL/NTSC auto
Operating temperature	-15°C to +60°C
Vibration resistance	5 g
Weight	450 g
Picture brightness	300 cd/m <sup>2</sup>
Dimmer	automatic via LDR
Camera inputs	2 with signal detection
Mirrored picture function	can be set
Test mark	E-approval

**Scope of delivery RVS 580:** 5" LCD colour monitor, colour shutter camera, 20 m monitor-to-camera connection cable, set of cables for monitor, installation fittings for all components

**Scope of delivery RVS 780:** 7" LCD colour monitor, colour shutter camera, 20 m monitor-to-camera connection cable, set of cables for monitor, installation fittings for all components

Product	Ref. No.
PerfectView RVS 580	9101900020
PerfectView RVS 780	9101900024
<b>Optional extras</b>	
Distance keeper	9102200062
Parking aid MagicWatch MWE 850RV	2221500001

**NEW**

**Super-small colour shutter camera with 145° picture angle**

**Motor-operated protective cover against dirt and damage**

**IR-LEDs for improved night vision in a separate window**

**Removeable monitor**

**Top LCD technology**

**LED background illumination for maximum picture brightness**

**USB-battery output**

**E-approval**



## For optimal close-range and distance vision

Now there are two high-end systems with twin cameras and motor-operated shutter

The reversing video systems **WAECO PerfectView RVS590 and RVS790** not only offer extra safety when reversing, but also during the journey. The 5" (RVS590) or the 7" monitor (RVS790) provide an **exact picture of the area closest** behind the vehicle when reversing. When driving forwards, the system changes into **distance mode**. You have a view of everything going on far behind the vehicle just like in the rear-view mirror – e.g. when overtaking, when driving in a convoy or with a trailer.

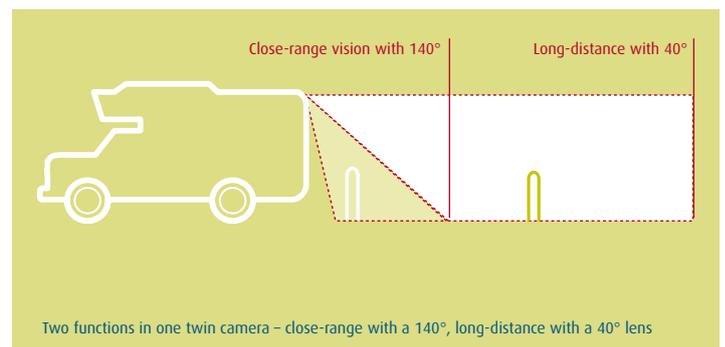
The twin colour camera CAM33C1 has proven that both functions are possible. It features two separate camera modules: a wide-range lens with a 140° picture angle for close-range and a telescopic lens with a 40° picture angle for long-distance vision. This makes it vastly superior to competitor's products which also work with a (distorting) wide-angle lens in long-distance mode. A **motor-operated shutter** protects the valuable camera from dirt and damage.



Close-range vision with 140°



Long-distance with 40°



**WAECO PerfectView RVS 590 / RVS 790**

Reversing video systems with 5" or 7" LCD monitor and colour shutter twin camera

High-tech systems with high-quality LCD monitors and colour twin camera for optimum close-range and distance vision


**Colour twin camera with shutter CAM33C1**

- › Colour CCD shutter camera (PAL) with two lenses
- › Large picture angle in close range (140° diagonal)
- › Telefunction in long range (40° diagonal)
- › Operated via the two camera inputs in the monitor
- › Manual or automatic switchover between the cameras
- › Anodised and powder coated aluminium housing with protective cover and mount in stainless steel
- › Automatic, motor-operated camera shutter to prevent soiling of the camera lens
- › Integrated heater
- › Microphone
- › Electronic brightness adjustment
- › Factory preset mirrored picture function
- › LDR controlled IR-LEDs for enhanced night-time vision

Technical data	CAM33C1
Dimensions (W x H x D)	125 x 73 x 115 mm (incl. mount)
Power input	approx. 1.2 watts
Picture sensor	1/3" CCD sensor
Resolution	270,000 pixels
Picture angle	<b>Close-range:</b> 140° diagonal h: approx. 100° v: approx. 72° <b>Long-distance:</b> 40° diagonal h: approx. 32° v: approx. 28°
Light sensitivity	< 1 lux or 0 lux with LED
Video standard	PAL
Operating temperature	-20°C to +65°C
Vibration resistance	6 g
Weight	450 g
Brightness adjustment	electronic
Mirrored picture function	Factory preset
Type of protection	Equivalent to IP 68
Test mark	E-approval

**5" LCD colour monitor M5L**

- › For 12-volt and 24-volt operating voltage
- › Switches on automatically
- › Automatic day/night adjustment
- › Real-view or mirrored picture function
- › 235,000 pixels
- › 2 camera inputs with separate controls
- › Image settings can be saved for either camera
- › Loudspeaker
- › USB connection for charging e.g. MP3 players
- › LED background illumination

Technical data	M5L
Dimensions (W x H x D)	144 x 128 x 120 mm (incl. mount)
Diagonal screen dimension	5"/128 mm (visible picture)
Operating voltage	12 to 30 volts DC
Power input	10 watt
Resolution	235,000 pixels
Video standard	PAL/NTSC auto
Operating temperature	-15°C to +60°C
Vibration resistance	5 g
Weight	300 g
Picture brightness	300 cd/m <sup>2</sup>
Dimmer	automatic via LDR
Camera inputs	2 with signal detection
Mirrored picture function	can be set
Test mark	E-approval

**7" LCD colour monitor M7L**

- › For 12-volt and 24-volt operating voltage
- › Switches on automatically or by manual operation
- › Automatic day/night adjustment
- › Real-view or mirrored picture function
- › 337,000 pixels
- › 2 camera inputs with separate controls
- › Image settings can be saved for either camera
- › Loudspeaker
- › USB connection for charging e.g. MP3 players
- › LED background illumination

Technical data	M7L
Dimensions (W x H x D)	186 x 145 x 120 mm (incl. mount)
Diagonal screen dimension	7"/178 mm (visible picture)
Operating voltage	12 to 30 volts DC
Power input	12 watt
Resolution	337,000 pixels
Video standard	PAL/NTSC auto
Operating temperature	-15°C to +60°C
Vibration resistance	5 g
Weight	450 g
Picture brightness	300 cd/m <sup>2</sup>
Dimmer	automatic via LDR
Camera inputs	2 with signal detection
Mirrored picture function	can be set
Test mark	E-approval

**Scope of delivery RVS 590:** 5" LCD colour monitor, colour shutter camera, 20 m monitor-to-camera connection cable, set of cables for monitor, installation fittings for all components

**Scope of delivery RVS 790:** 7" LCD colour monitor, colour shutter camera, 20 m monitor-to-camera connection cable, set of cables for monitor, installation fittings for all components

Product	Ref. No.
PerfectView RVS 590	9101900021
PerfectView RVS 790	9101900016
<b>Optional extras</b>	
Parking aid MagicWatch MWE850RV	2221500001

**NEW**

**Twin colour camera:**  
2 separate camera modules for optimum close and long range vision

140° and 40° picture angle

**NEW:**  
The RVS 590 now also features a motor-operated protective cover against dirt and damage

Removeable monitor

Top LCD technology

LED background illumination for maximum picture brightness

USB-battery output

E-approval



One camera - two lenses:  
one for close range,  
one for long range



Even when the shutter is closed, the opening allows rear long-distance vision



## Parking aid + reversing video

The optimal combination of active and passive safety

Do you want the best possible protection to keep you and your recreational vehicle safe? Then you'll want to supplement your reversing video system with the WAECO MagicWatch MWE850RV parking aid. This way you can unite the safety benefits of both systems: the parking aid's acoustic warning function (active safety) and the visual distance indicator on the monitor (passive safety).

The MagicWatch MWE850RV parking aid emits an acoustic signal as soon as you get too close to an obstacle – at different levels of “urgency”. Even inconspicuous, unfavourably positioned objects will be brought to your attention. This tried-and-tested, high-quality product can be combined with **each of the six new PerfectView reversing video systems via the video input**. By combining both systems, you can see **images from the**

**reversing camera on the monitor** as well as the **distance measurements from the four compact built-in sensors**. Useful extra: the parking aid's DSM function “notices” smaller objects fitted to vehicles (e.g. tow bars) and calculates them into the distance measurement.

### WAECO MagicWatch MWE 850RV

3.07

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



#### Features & functions

- > Distance measurement with 4 ultrasonic sensors
- > Activation of the system via reverse gear
- > System self-diagnosis with error indication
- > Acoustic warning function
- > DSM (Digital Signal Memory)
- > Built-in sensors for a perfect finish, sensors paintable (no multi-layer painting)

<b>Voltage</b>	11-27 volts DC
<b>Range</b>	approx. 30-150 cm
<b>Test mark</b>	E-approved



Perfect finish with built-in sensors

DSM (Digital Signal Memory)

Range 30-150 cm

Video converter generates a distance diagram on the monitor screen

**Scope of delivery:** 4 ultrasonic sensors (2.5 m cable), 1 control unit, 1 acoustic display, video converter, 2 mm core bit, cardboard painting aid, fixing materials, installation and operating instructions

Product	Ref. No.
MagicWatch MWE 850RV	2221500001

All reversing video systems are available for combination with the MagicWatch MWE 850RV parking aid:

#### WAECO PerfectView RVS 550 / RVS 750



#### WAECO PerfectView RVS 580 / RVS 780



#### WAECO PerfectView RVS 590 / RVS 790



#### WAECO PerfectView CAM 50NAV / CAM 80NAV / CAM 33NAV





## Let your navigation system help you manoeuvre

Reversing sensors make a useful addition

**Do you have a navigation system with monitor fitted in your recreational vehicle? Then it's easy and cost-efficient for you to get a fully-fledged reversing video system.** All you have to do is select one of the three WAECO PerfectView cameras and connect it to the monitor of your navigation system. The navi-monitor will then show you what's going on behind your vehicle when reversing. A fast and perfect solution! The three PerfectView cameras have familiar benefits. The new **colour camera CAM50NAV** harmonises particularly well with modern vehicle designs and is also available in white. The **shutter camera CAM80NAV** provides an

extra-wide picture angle of 145° while being one of the smallest cameras on the market. The **twin colour camera CAM33NAV** features two separate camera modules for close-range and distance vision to ensure nothing is overlooked – near or far.

And when you don't want to rely on your eyes alone when manoeuvring? Then equip yourself with the parking aid **WAECO MagicWatch MWE850RV (P. 167)** as well. It is compatible with all PerfectView cameras, detecting even poorly-visible obstacles, and provides an acoustic warning when you get too close for comfort.

**WAECO PerfectView CAM 50NAV**

Colour camera

3.19

**Colour camera CAM 50NAV**

- › Colour CCD camera (PAL) with LED
- › Real-view or mirrored picture function
- › Anodised and powder coated housing
- › Adjustable anti-glare sun protection
- › Microphone
- › Temperature controlled heater
- › Electronic brightness adjustment
- › LDR controlled IR-LEDs
- › Wide-angle lens with large picture angle (120° diagonal)

Technical data	CAM 50NAV
<b>Dimensions (W x H x D)</b>	94 x 62 x 48 mm (incl. mount)
<b>Operating voltage</b>	11 to 16 volts DC
<b>Power input</b>	1.8 watts with heater
<b>Picture sensor</b>	1/4" SONY CCD
<b>Resolution</b>	270,000 pixels
<b>Picture angle</b>	120° diagonal h: approx. 90° v: approx. 70°
<b>Light sensitivity</b>	< 1 lux or 0 lux with LED
<b>Video standard</b>	PAL
<b>Operating temperature</b>	-20°C to +65°C
<b>Colour</b>	Silver and white
<b>Vibration resistance</b>	6 g
<b>Weight</b>	200 g
<b>Brightness adjustment</b>	electronic
<b>Mirrored picture function</b>	can be set
<b>Type of protection</b>	IP 68
<b>Test mark</b>	E-approval

**Scope of delivery:** Colour camera, 20 m monitor-to-camera connection cable, installation fittings for all components, RCA-adaptor cable for navigation systems

Product	Ref. No.
PerfectView CAM 50NAV, silver	9102000022
PerfectView CAM 50NAV, white	9102000043
<b>Optional extras</b>	
Parking aid MagicWatch MWE850RV	2221500001

**NEW**

Camera  
**IP 68**  
compliant

**Compact extra-slim  
colour camera**

**Concealed cable  
organiser**

**E-approval**

**WAECO PerfectView CAM 80NAV**

Colour camera with shutter

3.19

**Colour shutter camera CAM 80NAV**

- › Colour CCD camera (PAL) with LED
- › Factory preset mirrored picture function
- › Automatic, motor-operated shutter to prevent soiling of the camera lens
- › Anodised and powder coated aluminium housing with protective cover and mount in stainless steel
- › Microphone
- › Temperature controlled heater
- › Electronic brightness adjustment
- › LDR controlled IR-LEDs
- › Wide-angle lens with large picture angle (145° diagonal)

Technical data	CAM 80NAV
<b>Dimensions (W x H x D)</b>	106 x 68 x 54 mm (incl. mount)
<b>Operating voltage</b>	11 to 16 volts DC
<b>Power input</b>	1.8 watts with heater
<b>Picture sensor</b>	1/3" SONY CCD
<b>Resolution</b>	270,000 pixels
<b>Picture angle</b>	145° diagonal h: approx. 100° v: approx. 72°
<b>Light sensitivity</b>	< 1 lux or 0 lux with LED
<b>Video standard</b>	PAL
<b>Operating temperature</b>	-20°C to +65°C
<b>Vibration resistance</b>	6 g
<b>Weight</b>	350 g
<b>Brightness adjustment</b>	electronic
<b>Mirrored picture function</b>	Factory preset
<b>Type of protection</b>	IP 68
<b>Test mark</b>	E-approval

**Scope of delivery:** Colour camera with shutter, 20 m monitor-to-camera connection cable, installation fittings for all components, PerfectView AMP 100 connection box

Product	Ref. No.
PerfectView CAM 80NAV	9102000023
<b>Optional extras</b>	
Parking aid MagicWatch MWE850RV	2221500001

**NEW**

Camera  
**IP 68**  
compliant

**Super-small colour  
shutter camera with  
145° picture angle**

**Motor-operated  
protective cover against  
dirt and damage**

**IR-LEDs for improved  
night vision in a separate  
window**

**E-approval**

**WAECO PerfectView CAM 33NAV**

Twin colour camera with shutter

3.19

**Colour twin camera with shutter CAM 33NAV**

See Twin colour camera with shutter CAM 33C1 description on page 165 for technical data

**Scope of delivery:** Colour camera with shutter, 20 m monitor-to-camera connection cable, installation fittings for all components, PerfectView AMP 100 connection box

Product	Ref. No.
PerfectView CAM 33NAV	9102000034
<b>Optional extras</b>	
Parking aid MagicWatch MWE850RV	2221500001

**NEW**

**E-approval**



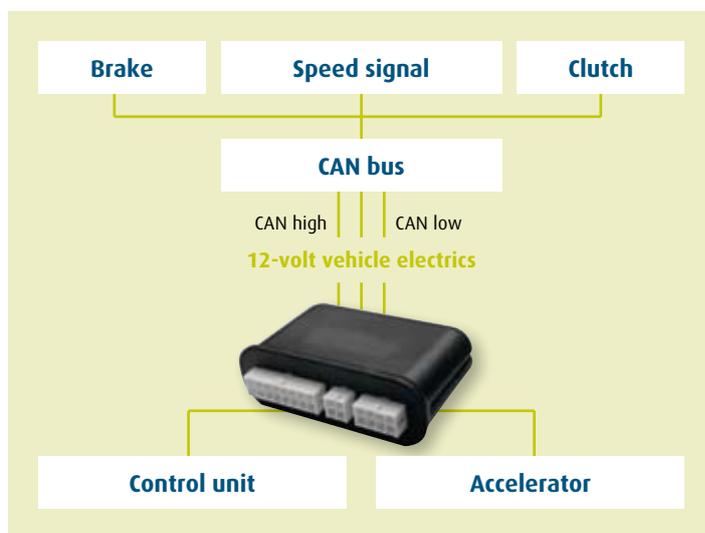
## Choose your own speed!

Cruise control for vehicles with CAN bus and electronic accelerator

Fitted in a trice!  
**1h** max.

In more and more vehicles, the entire engine 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. Conventional cruise controls with servo unit cannot usually be used in such models.

Even so, no motorist needs to go without the benefits cruise control systems provide. The MagicSpeed MS 900 cruise control takes care of that. Specifically designed for vehicles with CAN bus system and electronic accelerator, it uses a control unit that is directly linked to the electronic accelerator control by means of a vehicle-specific adapter cable. The CAN bus compatibility ensures smooth operation within the vehicle's electronic system. It also makes for super-fast installation. No soldering, no crimping, just plug and play!



## Ease of installation shown on the example of Fiat Ducato



The interface where the MS 900 taps the signal is the onboard computer



Signal tapped with just three vehicle-specific plug-in connectors



Connection to the accelerator via T-plug

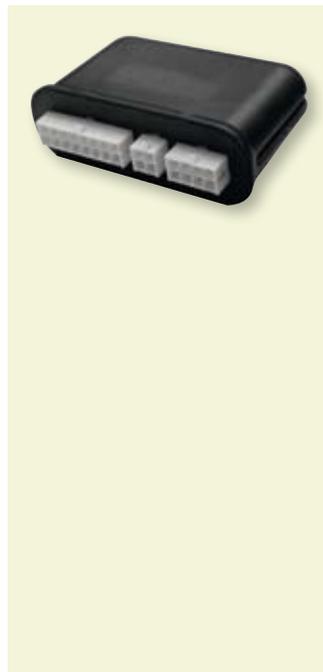


Connection of the control element to the dashboard or steering column

**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
- › **Preconditions for installation:**  
**12 V vehicle electrics, electronic accelerator, comfort CAN bus**

**Test mark**

e-approved to automotive regulations, German and European operating permit

**Scope of delivery:** electronic module, set of cables, fixing materials, installation and operating instructions

Product	Ref. No.
MagicSpeed MS 900 <b>for Fiat Ducato, Peugeot Boxer and Citroën Jumper</b>	MS-901
MagicSpeed MS 900 <b>for Opel Movano/Vivaro, Renault Master/Traffic and Nissan Primastar/Interstar</b>	MS-902

**For vehicles with electronic accelerator and CAN bus****Designed for specific vehicles****Extremely fast installation (0.5 – 1 hour)****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 marks**

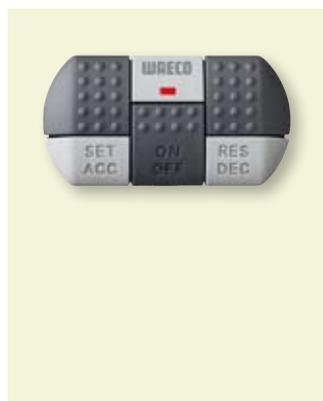
e-approved to automotive guidelines

**Scope of delivery:** control lever, plug housing, fixing materials, installation instructions

Product	Ref. No.
Control lever	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 marks**

e-approved to automotive guidelines

**Scope of delivery:** control element, plug housing, fixing materials, installation instructions

Product	Ref. No.
Control element	MS-BE5

**Easy installation on the dashboard**



## Foot off the gas pedal!

Cruise control with speed limiter function

The **MagicSpeed MS 880** cruise control takes the pressure off the driver on long stretches by **automatically keeping the chosen speed constant**. And safely and conveniently prevents any violation of speed limits. For overtaking, the vehicle can be accelerated as before.

**NEW:** In construction zones or when driving in a convoy with frequent changes of speed, you can also switch to the **speed-limiter function** – and remain below the preset speed limit even at full throttle.

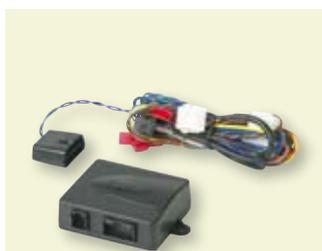
MagicSpeed MS 880 is suitable for all vehicles with an electronic accelerator. Depending on the type of vehicle, you can choose from three different operating elements.

**Note: The vehicle-specific cable set for installing the MS 880 is ordered separately.**

### WAECO MagicSpeed MS 880

Comfort cruise control with speed limiter function

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
- › Speed limiter function
- › Easy to fit with cable sets for specific vehicles
- › Choice of three control elements
- › **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 marks

e-approved to automotive guidelines

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

#### Product

#### Ref. No.

MagicSpeed MS 880 9101400024  
 Vehicle-specific cable sets (see page 173)

#### Optional extra

Signal amplifier MS-SV

**NEW**



For vehicles with electronic accelerator

Easy installation with vehicle-specific cable sets

With speed limiter function

## Control elements for MagicSpeed MS 880

### 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 marks

e-approved to automotive guidelines

**Scope of delivery:** control lever, plug housing, fixing materials, installation instructions

Product	Ref. No.
Control lever	MS-BE4

e13

Attractive design  
in original equipment  
quality

Infra-red remote control to be fitted on the steering wheel



#### Features & functions

- › Easy installation on the steering wheel with a belt band
- › Remote control powered by a battery (CR2032 button cell)
- › Remote control unit with low-battery LED
- › ON/OFF switch (with status indication) is fitted on the dashboard

#### Test marks

e-approved to automotive guidelines

**Scope of delivery:** control element, control electronics, IR receiver, ON/OFF switch, power kit, fixing materials, installation instructions

Product	Ref. No.
IR remote control	MS-IR2

e13

Safe and secure:  
operation from the  
steering wheel

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 marks

e-approved to automotive guidelines

**Scope of delivery:** control element, plug housing, fixing materials, installation instructions

Product	Ref. No.
Control element	MS-BE3

e13

Easy installation  
on the  
dashboard



## Cable sets for MagicSpeed MS 880

Model	Ref. No.
Citroën Citroën Jumper from year 2006 <b>(MS-SV amplifier required)</b>	9101400029
Fiat Doblò; Ducato 250 from year 2006 <b>(MS-SV amplifier required)</b>	9101400029
	Ducato 244 up to year 2006
	9101400030
Ford Transit from year 2006; Transit Connect; Turneo Connect from year 2007	9101400048
Peugeot Boxer from year 2006 <b>(MS-SV amplifier required)</b>	9101400029
Renault Kangoo; Kangoo 1.5 CDI up to year 2008; Trafic; Master	9101400034
	Kangoo; Kangoo 1.5 CDI from year 2008
	9101400043

**NEW**



## Rediscover light

Light brightens up rooms, helps our sense of orientation and adds to our safety. Light is also an ideal design element: it creates individual accents, atmosphere and comfort. No matter what your ideas are, you ought to realise them with lights by Dometic. They have been specially designed for mobile use, work from a 12-volt supply and most are equipped with **modern LED technology. The benefits are obvious:** extremely low energy consumption, long service life, longer battery running time in off-mains operation, minimal heat generation.

Dometic lights boast an elegant minimalist design which blends into every interior. Choose from a wide variety of products to create a tailor-made **lighting concept for your recreational vehicle**. And retrofit your current lamps with energy-efficient LED technology: with spare LED lamps from the Dometic range.

### ■ **Recessed spots**

Gentle room or reading light for a perfect fit. Available in chrome and silver.

### ■ **Surface mounted spots**

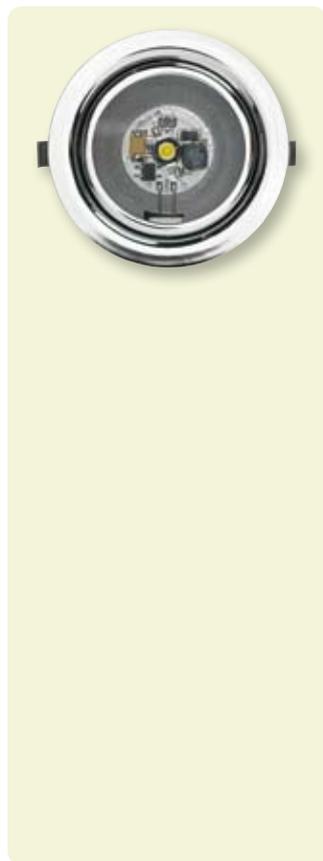
Bright and pleasant light, partly pivoting and for use as a reading lamp. Compact design permits fitting in narrow spaces.

### ■ **Special lighting**

From kitchen cabinet lighting to access lights and battery-powered flashlights – our light designers have thought of everything.

**Dometic LIGHT L23RM**

Recessed spot

**3.35**

<b>Input voltage</b>	12 volts DC
<b>Power rating</b>	1 watt
<b>Lamps</b>	G4 PCB, power-LED
<b>Cable length</b>	15 cm
<b>Material</b>	Metal, glass
<b>Colour</b>	Chrome, polished
<b>Dimensions [Ø x D]</b>	60 x 20 mm
<b>Weight</b>	55 g
<b>Quality features</b>	Minimal installation depth, luminosity corresponds to a 10-watt halogen lamp
<b>IP class</b>	20
<b>Test mark</b>	CE

**NEW**Can be used as  
room lighting

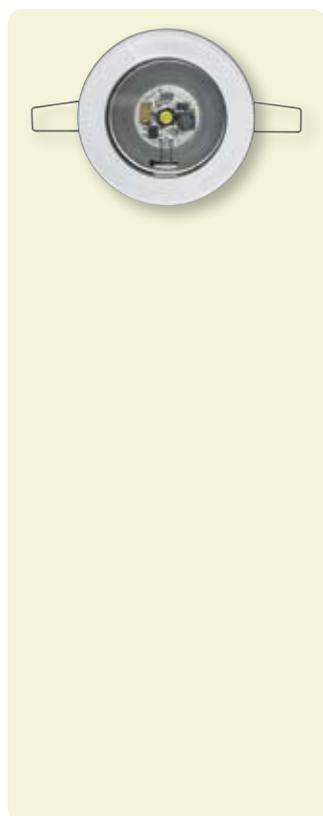
Sleek and elegant

**Scope of delivery:** recessed spot, installation instructions, lamp

Product	Ref. No.
Dometic LIGHT L23RM	9106500023

**Dometic LIGHT L26RM**

Recessed spot

**3.35**

<b>Input voltage</b>	12 volts DC
<b>Power rating</b>	1 watt
<b>Lamps</b>	G4 PCB, side pin, power-LED
<b>Cable length</b>	15 cm
<b>Material</b>	Plastic, glass
<b>Colour</b>	Silver, matte
<b>Dimensions [Ø x D]</b>	70 x 20 mm
<b>Weight</b>	53 g
<b>Quality features</b>	Minimal installation depth, luminosity corresponds to a 10-watt halogen lamp
<b>IP class</b>	20
<b>Test mark</b>	CE

**NEW**Can be used as  
room lightingFastening with  
double leg springs**Scope of delivery:** recessed spot, installation instructions, lamp

Product	Ref. No.
Dometic LIGHT L26RM	9106500026

### Dometic LIGHT L20RM

Recessed spot with switch

3.35



Input voltage	12 volts DC
Power rating	1 watt
Lamps	G4 back pin long, power-LED
Cable length	10 cm
Material	Plastic, glass
Colour	Silver, matte
Dimensions [Ø x D]	80 x 40 mm
Weight	100 g
Quality features	Reading lamp, swiveling
IP class	20
Test mark	CE

Scope of delivery: recessed spot, installation instructions, lamp

Product	Ref. No.
Dometic LIGHT L20RM	9106500020

**NEW**

ON / OFF switch

Swiveling

Can be used as a reading light

### Dometic LIGHT L21TM

Surface mounted spot with switch

3.35



Input voltage	12 volts DC
Power rating	1 watt
Lamps	G4 back pin long, power-LED
Cable length	5 cm
Material	Plastic, glass
Colour	Silver, matte
Dimensions [Ø x D]	85 x 50 mm
Weight	100 g
Quality features	Reading lamp, swiveling
IP class	20
Test mark	CE

Scope of delivery: surface mounted spot, installation instructions, lamp

Product	Ref. No.
Dometic LIGHT L21TM	9106500021

**NEW**

ON / OFF switch

Swiveling

Can be used as a reading light

### Dometic LIGHT L22TM

Surface mounted spot with switch

3.35



Input voltage	12 volts DC
Power rating	1 watt
Lamps	G4 back pin long, power-LED
Cable length	5 cm
Material	Plastic, glass
Colour	Silver, matte
Dimensions [Ø x D]	65 x 90 mm
Weight	85 g
Quality features	Reading lamp, swiveling
IP class	20
Test mark	CE

Scope of delivery: surface mounted spot, installation instructions, lamp

Product	Ref. No.
Dometic LIGHT L22TM	9106500022

**NEW**

ON / OFF switch

Swiveling

Can be used as a reading light

**Dometic LIGHT L19TM**

Surface mounted spot with switch

3.35



Input voltage	12 volts DC
Power rating	1 watt
Lamps	G4 back pin long, power-LED
Cable length	5 cm
Material	Plastic, glass
Colour	Silver, matte
Dimensions [Ø x D]	65 x 85 mm
Weight	85 g
Quality features	Reading lamp, pivots and swivels
IP class	20
Test mark	CE

**Scope of delivery:** surface mounted spot, installation instructions, lamp

Product	Ref. No.
Dometic LIGHT L19TM	9106500019

**NEW**

ON/OFF switch

Pivots and swivels

Can be used as a reading light

**Dometic LIGHT L24TM**

Surface mounted spot with switch

3.35



Input voltage	12 volts DC
Power rating	0.75 watt
Lamps	MR16 LED cold light mirror
Cable length	5 cm
Material	Aluminium
Colour	Silver, matte
Dimensions [Ø x D]	65 x 110 mm
Weight	160 g
Quality features	Reading lamp, pivots and swivels
IP class	20
Test mark	CE

**Scope of delivery:** surface mounted spot, installation instructions, lamp

Product	Ref. No.
Dometic LIGHT L24TM	9106500024

**NEW**

ON/OFF switch

Pivots and swivels

Can be used as a reading light

**Dometic LIGHT L25TM**

Surface mounted spot with switch

3.35



Input voltage	12 volts DC
Power rating	0.75 watt
Lamps	MR16 LED cold light mirror
Cable length	5 cm
Material	Plastic, glass
Colour	Silver, matte
Dimensions [Ø x D]	75 x 125 mm
Weight	145 g
Quality features	Reading lamp, pivots and swivels
IP class	20
Test mark	CE

**Scope of delivery:** surface mounted spot, installation instructions, lamp

Product	Ref. No.
Dometic LIGHT L25TM	9106500025

**NEW**

ON/OFF switch

Pivots and swivels

Can be used as a reading light

### Dometic LIGHT H10S

Swan-neck spots with switch

3.35



Input voltage	12 volts DC
Power rating	10 watt
Lamps	G4 halogen
Cable length	5 cm
Safety clearance	10 cm
Material	Plastic, glass
Colour	Silver, matte
Dimensions [Ø x D]	75 x 295 mm Glass body: Ø 40 mm x 70 mm Foot: Ø 75 mm
Weight	160 g
Quality features	Reading lamp, pivots and swivels
IP class	20
Test mark	CE

Scope of delivery: swan neck spot, installation instructions, lamp

Product	Ref. No.
Dometic LIGHT H10S	9106500014

**NEW**

ON / OFF switch

Can be turned in any direction

Can be used as a reading light

### Dometic LIGHT L27TM

Triangular light with switch

3.35



Input voltage	12 volts DC
Power rating	10 watt
Lamps	Power-LED, 1 watt
Cable length	5 cm
Material	Metal, glass
Colour	Silver, brushed
Dimensions [W x H x D]	130 x 130 x 45 mm
Weight	140 g
Quality features	Work lamp
IP class	20
Test mark	CE

Scope of delivery: triangular light, installation instructions, lamp

Product	Ref. No.
Dometic LIGHT L27TM	9106500027

**NEW**

ON / OFF switch

For fitting underneath suspended cabinets

Lights for workspaces

### Dometic LIGHT L28TM

Cabinet light with magnetic contact switch

3.35



Input voltage	4.5 volt, battery-powered
Power rating	0.1 watt
Lamps	LED
Material	Plastic
Colour	White
Dimensions [W x H x D]	30 x 65 x 25 mm
Weight	31 g
Quality features	Cabinet light, battery-powered with magnetic contact switch, fitted by adhesive surface

Scope of delivery: wardrobe light, installation instructions, lamp

Product	Ref. No.
Dometic LIGHT L28TM	9106500028

**NEW**

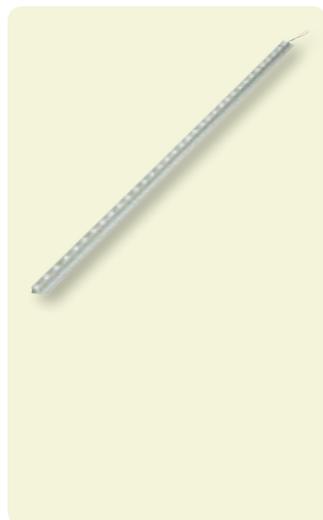
For universal use

For cabinets or storage compartments

**Dometic LIGHT L30TM**

Aluminium rail

3.35



<b>Input voltage</b>	12 volts DC
<b>Power rating</b>	2.5 watt
<b>Lamps</b>	SMD-LED
<b>Cable length</b>	100 cm
<b>Material</b>	Metal
<b>Colour</b>	Silver, matte
<b>Dimensions [W x H x D]</b>	865 x 35 x 10 mm
<b>Weight</b>	300 g
<b>Quality features</b>	Ambient light, fitted by adhesive surface
<b>IP class</b>	20
<b>Test mark</b>	CE

**NEW**

For fitting to the top of cupboards

Scope of delivery: aluminium-profiles light bar, installation instructions, lamp

Product	Ref. No.
Dometic LIGHT L30TM	9106500030

**Dometic LIGHT L31TM**

Aluminium rail with switch

3.35



<b>Input voltage</b>	230 volts
<b>Power rating</b>	4 watt
<b>Lamps</b>	4 x 1 W power-LED
<b>Cable length</b>	150 cm
<b>Material</b>	Metal
<b>Colour</b>	Silver, matte
<b>Dimensions [W x H x D]</b>	600 x 30 x 10 mm
<b>Weight</b>	600 g
<b>Quality features</b>	Worklight for fitting under suspended cabinets, operations at 230 volts [constant current source] only
<b>IP class</b>	20
<b>Test mark</b>	CE

**NEW**

ON / OFF switch

For fitting underneath suspended cabinets

Small dimensions

Scope of delivery: worklight, installation instructions, lamp

Product	Ref. No.
Dometic LIGHT L31TM	9106500031



### Dometic LIGHT L29TM

Access lighting

3.35



Input voltage	12 volts DC
Power rating	0.1 watt
Lamps	LED
Cable length	50 cm
Material	Plastic
Colour	Silver, matte
Dimensions [W x H x D]	50 x 18 x 15 mm
Weight	12 g
Quality features	Foot step lighting, very small dimensions
IP class	20
Test mark	CE

**Scope of delivery:** access light, installation instructions, lamp

Product	Ref. No.
Dometic LIGHT L29TM	9106500029

**NEW**

Floor-level illumination

For the entry area

### Dometic LIGHT L37TM

Battery flashlight

3.35



Input voltage	3.6 volts
Power rating	1.5 watt
Lamps	30 LEDs
Material	ABS plastic
Colour	Black
Dimensions [W x H x D]	50 x 335 x 36 mm
Weight	295 g
Quality features	Sturdy, easy-to-handle housing, integrated hanger for use e.g. in a tent, rear side with magnet and thread for mini stands incl. 230-volt charging unit and 12-volt charging cable, integrated LED for capacity indication, battery operating time up to 5 hours [depending on charging state of the battery]

**Scope of delivery:** flashlight, 230-volt charging station, 12-volt charging cable, installation instructions

Product	Ref. No.
Dometic LIGHT L37TM	9106500037

**NEW**

Suitable for outdoors

For installation in the motorhome garage

Wide range of applications



**Dometic LIGHT RetroFit Side Pin**

Spare lamp for G4 sockets

**3.35**

<b>Input voltage</b>	12 volts DC
<b>Power rating</b>	1 watt
<b>Lamps</b>	PCB with power-LED
<b>Socket</b>	G4 side pin
<b>Dimensions [Ø x D]</b>	25 x 10 mm
<b>Weight</b>	5 g
<b>Quality features</b>	Spare lamp or for conversion to LED technology, replaces halogen cold light mirror with G4 socket

**NEW**

Luminosity corresponds to a 10-watt halogen lamp

Suitable for converting to LED technology

Up to 90% energy savings compared to halogen lamps

Product	Ref. No.
Dometic LIGHT RetroFit Side Pin	9106500032

**Dometic LIGHT RetroFit MR16**

Spare lamp for MR16 cold light mirror

**3.35**

<b>Input voltage</b>	12 volts DC
<b>Power rating</b>	0.75 watt
<b>Lamps</b>	MR16 LED cold light mirror
<b>Socket</b>	MR16
<b>Dimensions [Ø x D]</b>	49 x 45 mm
<b>Weight</b>	37 g
<b>Quality features</b>	Spare lamp or for conversion to LED technology, replaces halogen cold light mirror MR16

**NEW**

Luminosity corresponds to a 10-watt halogen lamp

Suitable for converting to LED technology

Up to 90% energy savings compared to halogen lamps

Product	Ref. No.
Dometic LIGHT RetroFit MR16	9106500034

**Dometic LIGHT RetroFit Back Pin**

Spare lamp for G4 sockets or MR11 cold light mirror

**3.35**

	Back pin	Back pin long
<b>Input voltage</b>	12 volts DC	
<b>Power rating</b>	1 watt	
<b>Lamps</b>	Power LED	
<b>Socket</b>	G4 back pin	G4 back pin long
<b>Dimensions [Ø x D]</b>	28 x 26 mm	
<b>Weight</b>	53 g	
<b>Quality features</b>	Spare lamp or for conversion to LED technology, replaces halogen cold light mirror MR11 or halogen lights with G4 sockets, depending on the type of lamp available in a short or long version	

**NEW**

Luminosity corresponds to a 10-watt halogen lamp

Suitable for converting to LED technology

Up to 90% energy savings compared to halogen lamps

Product	Ref. No.
Dometic LIGHT RetroFit Back Pin	9106500033
Dometic LIGHT RetroFit Back Pin long	9106500035



## Light and air for living

### Dometic SEITZ systems for recreational vehicles

When you're free and out in the open and you want to enjoy fresh air with perfect light conditions, then you can rely on Dometic product brands. Over 70% of all European motorhome manufacturers have long been doing that and use our window systems. That's because they offer a high degree of protection, convenience and quality. Do you want that for your recreational vehicle too? No problem, just install and go! A huge range awaits you: hinged and sliding windows, fly screens and roller blinds in all sizes and models, as well as an ever expanding range of accessories.

## Windows and Hekis

Quality from the market leader: manufacturers of recreational vehicles all over the world put their trust in window solutions from Dometic due to their outstanding functionality, perfect workmanship and easy handling. The variety of products leaves nothing to be desired – ranging from innovative roof windows to proven “Hekis”, to models with or without frames and sliding or hinged windows.

## Roller blinds

Privacy away from prying eyes. Wide range of products in proven quality: from heat-insulating blackout screens for driver cabins, to combined cassette roller blinds with fly screens, to normal spring roller blinds. For windows and roof openings in all standard sizes.

**Dometic SEITZ**

**Pages 184 – 191**



**Dometic SEITZ**

**Pages 192 – 196**



## Optional extras

We pay careful attention to detail with Dometic SEITZ, so that you always feel comfortable in your recreational vehicle. Easy-to-mount fly screen solutions for entry doors are also available, as well as safety nets for bunk-beds and a pull-out clothes drier.

Cleaning and polishing agents for acrylic windows, as well as service hatches for motorhomes and caravans complete the Dometic SEITZ accessory range.

**Dometic SEITZ**

**Pages 197 – 199**



Innovation

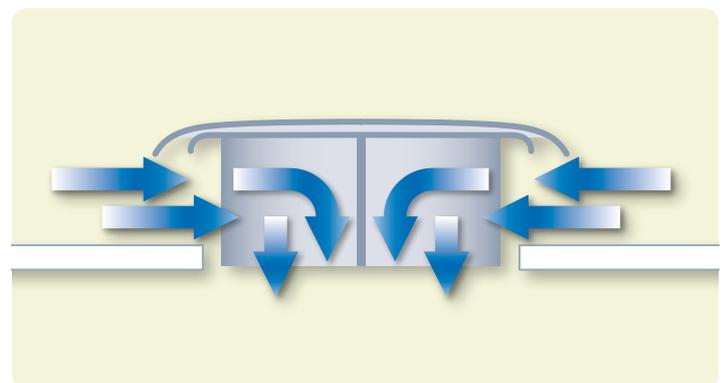


## AirQuad – the new patented ventilation system

Power for ventilation or air conditioning systems is precious and costly, but the wind blows free of charge. Dometic AirQuad captures more wind than any other roof hood, creates a pleasant flow of fresh air and directs it into the vehicle. The direction of the wind is irrelevant for this new model. Its success lies in the new type of

patented flow guiding element, which is built into a glass dome. This is adjustable by height so you can regulate the air intake. AirQuad lets you enjoy active ventilation and passive cooling with absolutely no energy costs. An effective alternative to hinged roof windows and a useful addition to your air conditioning system.

- Inner frame with blackout and fly screen, variably adjustable
- Easy to use with handles
- Five positions [to the front, rear, left, right or up]
- Maximum adjustable height: 80 mm
- Forced ventilation
- Double acrylic glazing
- Designed for standard roof sizes of 400 mm x 400 mm
- For roof thicknesses of 23 to 60 mm



### Highly-efficient ventilation system without power

The air outside is "gathered" from all sides and directed into the vehicle via the patented air flow guiding element. This creates a pleasant, cool indirect air flow. The amount of air can be regulated by adjusting the height of the glass dome.

## Dometic AirQuad

Roof windows with passive ventilation for motorhomes

3.42



<b>Model</b>	AirQuad
<b>Operation</b>	Handles
<b>Glazing PMMA – double-glazing</b>	•
<b>Positions</b>	5
<b>Weight [kg]</b>	3.4
<b>Blackout screen</b>	Single pleating
<b>Fly screen</b>	Single pleating
<b>Forced ventilation</b>	•
<b>Standard roof thickness [mm]</b>	23–42 / 43–60
<b>Possible roof thickness [mm]</b>	23–60*
<b>Frame material</b>	ASA
<b>Frame colour</b>	RAL 9001
<b>Assembly size [mm]</b>	500 x 500
<b>Space [mm]</b>	400 x 400

\* Requires screw bosses to be shortened

**NEW**

Patented air flow guiding element

Double acrylic glazing

Easy to use

No mechanical background noise

Product	Ref. No.
Dometic AirQuad, 23–42 mm	9104100319
Dometic AirQuad, 43–60 mm	9104100320



Square design, suitable for standard roof sizes



Easy to use with two handles



Variably adjustable: the blackout roller blind ...



... and the fly screen

## Top class travelling comfort – the Heki range

So that you can enjoy your holiday in an ideal atmosphere in comfort and safety, Dometic SEITZ has designed a huge range of tilting roof windows [“Heki” for short] for all types of caravan or motorhome. You can choose between the mini Heki, midi Heki and Hekis – with electronic remote control, hand lever or crank. Heki roller blinds can be made from Duette honeycomb fabric, roller blind material or just single pleated material.

### Heki 4plus – the convenient roof system

Heki 4plus offers you absolute convenience with a useful remote control. The roof closes automatically when it's raining and has a pleated fly screen made of black gauze, as well as two built in lamps for dimmed lighting. Fly screen and blackout roller blind are fitted from the side and allow you to adjust as you require.

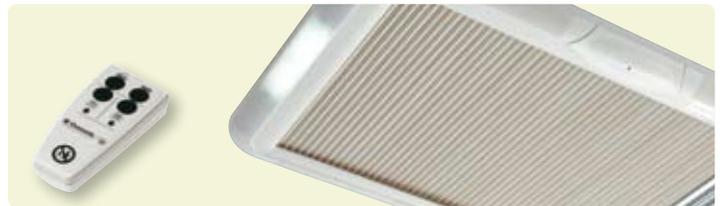
- Rain sensor and integrated energy-saving lamps
- Perfect sun protection with Duette honeycomb roller blinds
- Control light indicates when correctly locked
- Sturdy locking system
- Maximum opening angle: 70°
- Double acrylic glazing
- Weatherproof ASA frames
- Remote control



Heki 4plus is equipped with a rain sensor



Heki 4plus



Extremely convenient: with remote control and lighting



### Heki 3plus – convenient model with hand crank, for motorhomes and caravans

Offers the same convenience as the Heki 4plus, but with a hand crank system and without the rain sensor

- Integrated lighting
- Perfect sun protection with double pleated Duette honeycomb roller blinds
- Sturdy locking system
- Maximum opening angle: 70°
- Double acrylic glazing
- Weatherproof ASA frames
- For roof thicknesses of 25 to 60 mm



### Heki 2 deluxe – exclusive roof window for caravans

- Inner frame with blackout roller blind and fly screen, [variably adjustable together]
- Integrated lighting
- High degree of insulation with double-pleated Duette honeycomb roller blinds
- Forced ventilation
- Maximum opening angle: 55°
- Pneumatic springs for convenient roof adjustment
- Double acrylic glazing
- For roof thicknesses of 25 to 60 mm



### Heki 2 – for caravans

- Inner frame with blackout roller blind and fly screen, [variably adjustable together]
- Forced ventilation
- Maximum opening angle: 55°
- Pneumatic springs for convenient roof adjustment
- Double acrylic glazing
- For roof thicknesses of 25 to 60 mm



### Heki 1 – for motorhomes

- Inner frame with blackout roller blind and fly screen, [variably adjustable together]
- Sturdy locking system
- Maximum opening angle: 70°
- Five positions for optimum ventilation adjustment
- Polyurethane frames with high insulation quality
- Double acrylic glazing
- For roof thicknesses of 27 to 60 mm

## Dometic SEITZ Hekis

3.42

Model	Heki 1	Heki 2	Heki 2 deluxe	Heki 3plus	Heki 4plus
Motorhomes	•	–	–	•	•
Caravans	•	•	•	•	•
Operation	Crank/handle	Lever	Lever	Crank	Remote control
PMMA glazing					
– Single-glazing	–	–	–	–	–
– Double-glazing	•	•	•	•	•
Positions	5/variable	3	3	variable	variable
Max. opening angle	70°	55°	55°	70°	70°
12 V lamps	–	–	4 x 5 Watt	2 x 8 Watt	2 x 8 Watt
Weight [kg]	22.0	11.0	11.0	15.0	15.5
Rain sensor	–	–	–	–	•
Blackout screen	Roller blind system	Roller blind system	Duette	Duette	Duette
Fly screen					
– Single pleats	–	–	–	•	•
– Roller blind system	•	•	•	–	–
Forced ventilation	–	•	•	–	–
Standard roof thickness [mm]	27	25–32	25–32	25–32	25–32
Possible roof thickness [mm]	28–60*	25–60**	25–60**	25–60**	25–60**
Frame material	Polyurethane foam	ASA	ASA	ASA	ASA
Frame colour	RAL 9001	RAL 9001	RAL 9001	RAL 9001	RAL 9001
External space requirement [mm]	1100 x 820	1080 x 790	1080 x 790	1080 x 790	1080 x 790
Space size [mm]	960 x 655	960 x 655	960 x 655	960 x 655	960 x 655

\* Requires inner frame to be shortened    \*\* Requires additional assembly set

Product	Ref. No.
Heki 1	9104100112
Heki 2	9104100235
Heki 2 deluxe	9104100240
Heki 3plus	9104100292
Heki 4plus	9104100294
Assembly set Heki 2–4, WS 32–39 mm	9104100245
Assembly set Heki 2–4, WS 39–46 mm	9104100246
Assembly set Heki 2–4, WS 46–53 mm	9104100247
Assembly set Heki 2–4, WS 53–60 mm	9104100248
Optional extras	
Inner frame Heki 2 deluxe	9104100241
Spoiler Heki 1–4, 800 mm	9104100236
Spoiler Heki 1–4, 1100 mm	9104100237



### Midi Heki – for motorhomes and caravans

The large roof opening [700 x 500 mm] allows optimum ventilation and light conditions. Easy to use with lever, crank or electric system.

- Inner frame with blackout and fly screen, [can be adjusted separately]
- Available with or without forced ventilation
- Maximum opening angle: 45° [Lever model], 60° [crank and electric models]
- Three positions [Lever model]; variable opening [crank and electric models]
- Double acrylic glazing
- For roof thicknesses of 25 to 60 mm



### Mini Hekiplus – for motorhomes and caravans

This small roof window fits neatly into the roof opening for the standard size of 400 x 400 mm and provides maximum light.

- Inner frame with blackout and fly screen, [can be adjusted separately]
- The glass dome is easy to adjust using the handy crank system
- Available with or without forced ventilation
- Maximum opening angle: approx. 50°
- Three positions: fully open, ventilation position, bad weather position
- Double acrylic glazing
- For roof thicknesses of 25 to 60 mm



### Mini Heki S – for caravans

Small roof windows, great effect: Mini Heki S are designed for standard roof openings [400 x 400 mm].

- Inner frame with blackout and fly screen, [can be adjusted separately]
- Easy to use with handles
- Forced ventilation
- Maximum adjustable height: approx. 80 mm
- Five positions
- Single acrylic glazing
- For roof thicknesses of 23 to 60 mm

The midi Heki is available as a lever, hand crank or electric model





### Fly screen frames for Midi Heki

Leaves and dirt no longer get into the vehicle and interfere with the roof window operation or the roller blind system. The fly screen can easily be retrofitted for any Midi Heki with crank or electric operation and removed again for cleaning purposes. Extremely sturdy model with aluminium profiles and UV resistant polyester material.

## Dometic SEITZ Hekis

3.42

Model	Midi Heki	Mini Hekiplus	Mini Heki S
<b>Motorhomes</b>	•	•	-
<b>Caravans</b>	•	•	•
<b>Operation</b>	Lever/crank/electric	Lever	Handle
<b>PMMA glazing</b>			
- Single-glazing	-	-	•
- Double-glazing	•	•	-
<b>Positions</b>	3/variable/variable	3	5
<b>Max. opening angle</b>	45°/60°/60°	50°	-
<b>12 V lamps</b>	-	-	-
<b>Weight, kg</b>	8.0/8.5/9.0	3.3	2.9
<b>Rain sensor</b>	-	-	-
<b>Blackout screen</b>	Single pleating	Single pleating	Single pleating
<b>Fly screen</b>			
- Single pleats	•	•	•
- Roller blind system	-	-	-
<b>Forced ventilation</b>	Possible	Possible	•
<b>Standard roof thickness [mm]</b>	30-34	25-42/43-60	22-42/43-60
<b>Possible roof thickness [mm]</b>	25-29/35-60*	25-60**	23-60**
<b>Frame material</b>	ASA	ASA	ASA
<b>Frame colour</b>	RAL 9001	RAL 9001	RAL 9001
<b>External space requirement [mm]</b>	880 x 650	550 x 510	500 x 500
<b>Space size [mm]</b>	700 x 500	400 x 400	400 x 400

\* Requires additional assembly set \*\* Requires screw bosses to be shortened

Product	Ref. No.
Midi Heki, lever model, with forced ventilation	9104100253
Midi Heki, lever model, without forced ventilation	9104100254
Midi Heki, crank model, with forced ventilation	9104100255
Midi Heki, crank model, without forced ventilation	9104100256
Midi Heki, electric model, with forced ventilation	9104100257
Midi Heki, electric model, without forced ventilation	9104100258
Mini Hekiplus, without forced ventilation, 25-42 mm	9104100249
Mini Hekiplus, without forced ventilation, 43-60 mm	9104100250
Mini Hekiplus, with forced ventilation, 25-42 mm	9104100251
Mini Hekiplus, with forced ventilation, 43-60 mm	9104100252
Mini Heki S, 23-42 mm	9104100289
Mini Heki S, 43-60 mm	9104100290
Midi Heki assembly set, 25-29 mm	9104100261
Midi Heki assembly set, 30-34 mm	9104100262
Midi Heki assembly set, 35-42 mm	9104100263
Midi Heki assembly set, 43-52 mm	9104100264
Midi Heki assembly set, 53-60 mm	9104100265
<b>Optional extras</b>	
Midi Heki fly screen frame	9104100259
Mini Heki spoiler	9104100260
Midi Heki spoiler, 800 mm	9104100236

## Individual window solutions for any vehicle

### S4 series: tailor-made by the market leader

Looking for a quality framed window solution for your motorhome or caravan? Then we recommend the hinged and sliding windows from the Dometic SEITZ S4 series. They come with excellent references. After all, they were designed by the international market leader for polyurethane and aluminium window systems and have been installed countless times already. They stand for high functionality, first-rate quality, easy operation and are available in any conceivable size. The window you want is guaranteed to be there!



### The benefits of S4 windows

- Convenient one-hand operation: fly screen and blackout roller blinds can be clipped together and adjusted with one hand at the same time.
- Easy handling in different positions
- High degree of insulation: blackout roller blinds with aluminium coating
- Quick and easy installation
- Robust quality with double acrylic glazing
- Highly versatile: for wall thicknesses of 26–41 mm [fitted by shortening the inner frame]
- Sliding window with left or right models
- Large range of sizes



S4 hinged windows with polyurethane frames

### S4 hinged window – the complete system

Proven millions of times: complete windows for motorhomes and caravans with telescopic hinges for convenient ventilation and built in blackout roller blinds and fly screens. This outstanding insulation corresponds to construction standards for homes. Security locking system prevents windows from being opened on the outside.



S4 sliding windows with polyurethane frames

### S4 sliding window – first choice

The classic model with acrylic glass panes and locking system. The front pane [from the driver's perspective] is adjustable, the rear pane is fixed. External and internal frames are screwed together from the inside and provide durable and effective insulation.

## Dometic SEITZ S4 windows

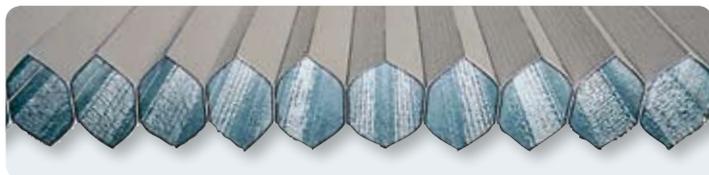
3.42

Polyurethane window frames

Size W x H	Overall size W x H	Opening size W x H	Hinged window size W x H	Weight kg	Hinged window	Sliding window left	Sliding window right
					Ref. No.	Ref. No.	Ref. No.
350 x 500	393 x 531	343 x 498	254 x 354	4.1	9104100001	-	-
500 x 300	544 x 330	499 x 298	404 x 154	4.0	9104100002	-	-
500 x 350	544 x 380	500 x 348	404 x 204	4.2	9104100003	-	-
500 x 450	544 x 480	500 x 448	404 x 304	5.0	9104100004	9104100141	9104100142
500 x 500	544 x 531	499 x 499	404 x 354	5.7	9104100005	-	-
500 x 600	544 x 631	499 x 599	404 x 454	6.0	9104100006	-	-
550 x 550	594 x 581	549 x 549	454 x 404	5.7	9104100007	-	-
550 x 580	594 x 611	548 x 578	454 x 434	6.3	9104100008	9104100143	9104100144
550 x 600	594 x 631	549 x 599	454 x 454	6.1	9104100009	-	-
600 x 350	644 x 380	599 x 348	504 x 204	5.0	-	9104100145	9104100146
600 x 500	644 x 531	599 x 498	504 x 354	6.1	9104100010	9104100147	9104100148
600 x 600	644 x 631	599 x 599	504 x 454	7.0	9104100011	9104100149	9104100150
650 x 300	695 x 330	650 x 298	554 x 154	4.8	9104100012	-	-
700 x 300	745 x 330	700 x 298	604 x 154	5.3	9104100013	9104100151	9104100152
700 x 350	745 x 380	699 x 347	604 x 204	5.7	9104100014	-	-
700 x 400	745 x 430	702 x 398	604 x 254	6.1	9104100015	9104100153	9104100154
700 x 450	745 x 481	702 x 448	604 x 304	6.5	9104100016	9104100155	9104100156
700 x 500	745 x 531	700 x 498	604 x 354	7.0	9104100017	-	-
700 x 550	745 x 581	700 x 549	604 x 404	7.4	9104100018	9104100157	9104100158
700 x 600	745 x 631	702 x 599	604 x 454	7.7	9104100019	9104100159	9104100160
750 x 400	797 x 430	750 x 398	654 x 254	6.4	9104100020	9104100161	9104100162
750 x 450	797 x 481	749 x 447	654 x 304	6.6	9104100021	-	-
750 x 600	797 x 431	750 x 599	654 x 454	8.2	9104100022	9104100163	9104100164
800 x 350	846 x 380	800 x 347	704 x 204	6.6	9104100023	9104100165	9104100166
800 x 450	846 x 481	801 x 450	704 x 304	7.1	9104100024	9104100167	9104100168
900 x 300	948 x 330	902 x 298	804 x 154	6.6	9104100025	9104100169	9104100170
900 x 400	948 x 430	902 x 398	804 x 254	7.5	9104100026	9104100171	9104100172
900 x 450	948 x 481	902 x 448	804 x 304	8.0	9104100027	9104100173	9104100174
900 x 500	948 x 531	902 x 499	804 x 354	8.4	9104100028	9104100175	9104100176
900 x 550	948 x 581	902 x 549	804 x 404	8.6	9104100029	9104100177	9104100178
900 x 600	948 x 631	902 x 599	804 x 454	9.2	9104100030	9104100179	9104100180
1000 x 450	1048 x 481	1002 x 448	904 x 304	8.6	9104100031	-	-
1000 x 500	1048 x 531	1002 x 499	904 x 354	9.3	9104100032	9104100181	9104100182
1000 x 550	1048 x 581	1002 x 549	904 x 404	10.0	9104100033	9104100183	9104100184
1000 x 600	1048 x 631	1002 x 599	904 x 454	11.0	9104100034	9104100185	9104100186
1000 x 800	1048 x 832	1002 x 800	904 x 654	12.0	9104100035	-	-
1100 x 450	1148 x 481	1103 x 448	1004 x 304	9.9	9104100036	9104100187	9104100188
1100 x 550	1148 x 581	1102 x 549	1004 x 404	10.1	9104100037	-	-
1100 x 700	1148 x 733	1103 x 699	1004 x 554	11.9	9104100038	-	-
1200 x 300	1248 x 330	1201 x 297	1104 x 154	8.2	9104100039	-	-
1200 x 350	1249 x 380	1202 x 347	1104 x 204	8.8	9104100040	-	-
1200 x 500	1249 x 531	1203 x 500	1104 x 354	10.5	9104100041	-	-
1200 x 600	1249 x 631	1201 x 599	1104 x 454	12.5	9104100042	9104100189	9104100190
1200 x 700	1249 x 733	1201 x 699	1104 x 554	13.1	9104100043	-	-
1200 x 800	1249 x 832	1203 x 800	1104 x 654	13.8	9104100044	-	-
1300 x 550	1343 x 581	1298 x 549	1204 x 404	13.6	9104100045	9104100191	9104100192
1300 x 600	1343 x 631	1297 x 599	1204 x 454	14.2	9104100046	9104100193	9104100194
1450 x 550	1500 x 581	1453 x 549	1354 x 404	13.6	9104100047	-	-
1450 x 600	1500 x 631	1454 x 599	1354 x 454	14.9	9104100048	9104100195	9104100196
1450 x 700	1500 x 733	1452 x 699	1354 x 554	15.7	9104100049	-	-
1600 x 550	1650 x 581	1602 x 549	1504 x 404	15.6	9104100050	-	-
1600 x 600	1650 x 631	1602 x 599	1504 x 454	16.2	9104100051	-	-

Note: All windows have a flanging radius of R 12. All measurements are in millimetres. Changes and errors reserved.

# Roller blinds – perfect screens



Double pleated Duette honeycomb fabric

## Dometic SEITZ blackout system for driver cabins

Screening and heat insulation perfectly combined – and assembled in a flash: Dometic SEITZ blackout systems for driver's cabins are available as faltstore from double-pleated Duette honeycomb fabric or as a front windscreen roller blind for the Fiat Ducato 250 [07/2006 and later models]. The double-pleated Duette honeycomb fabric is particularly robust, stays in perfect shape and provides excellent insulation. The aluminium coating effectively reduces the interior temperature during the day and improves insulation from the cold at night.

- Quick and easy to assemble, without covering the ventilation slots
- Absorbs up to 99% ultra-violet rays
- High degree of insulation from heat and cold (due to internal aluminium-laminated honeycomb system)
- Variably adjustable
- High resistance compared to single pleated material

### Dometic SEITZ blackout system

3.42

For the Fiat Ducato 250 model and the same design from Peugeot Boxer and Citroën Jumper [ without roof section ]

**Product**

**Ref. No.**

For front windscreen, pleated [left-hand drive model], grey	9104100266
For front windscreen, pleated [right-hand drive model], grey	9104100267
For side windows, pleated [left/right], grey	9104100268



## Dometic SEITZ front windscreen roller blinds

- For the Fiat Ducato 250 front windscreen and the same design from Peugeot Boxer, Citroën Jumper, as well as Fiat Ducato 230 and 244 models
- Screening and insulation due to an aluminium coating on the exterior
- Powder-coated cassette with roller blind
- Dashboard ventilation is not obstructed
- Available for left and right-hand models[250 model]

### Dometic SEITZ front windscreen roller blinds

3.42

**Product**

**Ref. No.**

Fiat Ducato 250 model and the same design from Peugeot Boxer, Citroën Jumper [without roof] left-hand drive	9104100269
right-hand drive	9104100270
Fiat Ducato 230 model [from 1994 and later], Fiat Ducato 244 model [2002 and later] beige [left-hand drive]	9104100233
grey [left-hand drive]	9104100234



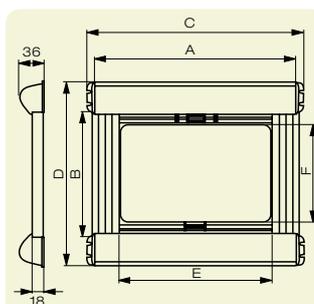
## Mini-double cassette roller blind 1302

Intelligent design for perfect comfort when you're on the road: fly screen and blackout roller blind can be joined together and then adjusted at the same time. Alternatively, the roller blind can be used separately in three positions. The special cassette design provides additional ventilation: it allows the air to circulate between the glass pane and the roller blind when it is pulled down to ensure your privacy and protection from insects at the same time.

- Night-time security: when the roller blind is pulled down, a gap is left to allow the air to circulate through the fly screen
- Easy assembly: the fly screen at the top, the blackout screen at the bottom of the window
- Excellent insulation with aluminium coating
- Highly versatile: vertical guide rails can be shortened
- Also available for roof windows

### Dometic SEITZ Mini-double cassette roller blind/roof window roller blind 1302

3.42



A = Size width  
 B = Size height  
 C = Overall width  
 D = Overall height  
 E = Window section width  
 F = Window section height

#### Standard size for Mini double cassette roller blind

Size A [mm]	Size B [mm]	Size C [mm]	Size D [mm]	Size E [mm]	Size F [mm]	Weight [kg]
630	700	658	790	580	650	1.30
680	700	708	790	630	650	1.35
730	700	758	790	680	650	1.41
780	700	808	790	730	650	1.47
830	700	858	790	780	650	1.53
930	700	958	790	880	650	1.65
1030	700	1058	790	980	650	1.77
1130	700	1158	790	1080	650	1.89
1230	700	1258	790	1180	650	2.00
1330	750	1358	840	1280	700	2.15
1430	750	1458	840	1380	700	2.27
1480	750	1508	840	1430	700	2.33
1530	750	1558	840	1480	700	2.39

#### Special size for roof opening

480	500	508	590	430	450	0.96
540	500	568	590	490	450	1.09
580	600	608	690	530	550	1.19

Product	Ref. No.	Product	Ref. No.
<b>Mini-double cassette roller blind 1302, grey-white</b>		<b>Mini-double cassette roller blind 1302, pearl white</b>	
630 x 700 mm	9104100052	630 x 700 mm	9104100065
680 x 700 mm	9104100053	680 x 700 mm	9104100066
730 x 700 mm	9104100054	730 x 700 mm	9104100067
780 x 700 mm	9104100055	780 x 700 mm	9104100068
830 x 700 mm	9104100056	830 x 700 mm	9104100069
930 x 700 mm	9104100057	930 x 700 mm	9104100070
1030 x 700 mm	9104100058	1030 x 700 mm	9104100071
1130 x 700 mm	9104100059	1130 x 700 mm	9104100072
1230 x 700 mm	9104100060	1230 x 700 mm	9104100073
1330 x 750 mm	9104100061	1330 x 750 mm	9104100074
1430 x 750 mm	9104100062	1430 x 750 mm	9104100075
1480 x 750 mm	9104100063	1480 x 750 mm	9104100076
1530 x 750 mm	9104100064	1530 x 750 mm	9104100077
<b>Roof roller blind, grey white</b>		<b>Roof roller blind, pearl white</b>	
480 x 500 mm	9104100078	480 x 500 mm	9104100081
540 x 500 mm	9104100079	540 x 500 mm	9104100082
580 x 600 mm	9104100080	580 x 600 mm	9104100083



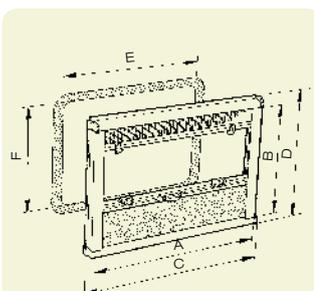
### Combination cassette roller blind 38

This product combines a fly screen and a roller blind all in one system. Slots in the cassette provide additional ventilation: they allow the air to circulate between the window and the roller blind when it is pulled down. The roller blind has an aluminium coating on the exterior to maximise insulation. The guide rails at the side can be shortened as required. Blackout roller blind and fly screen can also be used separately.

- Easy to use with one hand and for fixing in a variety of positions
- Blackout roller blinds and fly screen combined, variably adjustable

#### Dometic SEITZ combination cassette roller blind 38

3.42



A = Size width  
 B = Size height  
 C = Overall width  
 D = Overall height  
 E = Window section width  
 F = Window section height

##### Standard size

Size A [mm]	Size B [mm]	Size C [mm]	Size D [mm]	Size E [mm]	Size F [mm]	Weight [kg]
630	700	656	795	580	650	1.95
680	700	706	798	630	650	2.05
730	700	756	795	680	650	2.12
780	700	806	795	730	650	2.21
830	700	856	795	780	650	2.29
930	700	956	795	880	650	2.46
1030	700	1056	795	980	650	2.63
1130	700	1156	795	1080	650	2.81
1230	700	1256	795	1180	650	2.98
1330	800	1356	895	1280	750	3.53
1430	800	1456	895	1380	750	3.72
1480	800	1506	895	1430	750	3.82
1530	800	1556	895	1480	750	3.91
1630	800	1656	895	1580	750	4.09
1730	800	1756	895	1680	750	4.29

Product	Ref. No.	Product	Ref. No.
<b>Combination cartridge roller blind 38, beige</b>		<b>Combination cartridge roller blind 38, grey</b>	
630 x 700 mm	9104100084	630 x 700 mm	9104100098
680 x 700 mm	9104100085	680 x 700 mm	9104100099
730 x 700 mm	9104100086	730 x 700 mm	9104100100
780 x 700 mm	9104100087	780 x 700 mm	9104100101
830 x 700 mm	9104100088	830 x 700 mm	9104100102
930 x 700 mm	9104100089	930 x 700 mm	9104100103
1030 x 700 mm	9104100090	1030 x 700 mm	9104100104
1130 x 700 mm	9104100091	1130 x 700 mm	9104100105
1230 x 700 mm	9104100092	1230 x 700 mm	9104100106
1330 x 800 mm	9104100093	1330 x 800 mm	9104100107
1430 x 800 mm	9104100094	1430 x 800 mm	9104100108
1480 x 800 mm	9104100295	1480 x 800 mm	9104106411
1530 x 800 mm	9104100095	1530 x 800 mm	9104100109
1630 x 800 mm	9104100096	1630 x 800 mm	9104100110
1730 x 800 mm	9104100097	1730 x 800 mm	9104100111

Versatile  
to use



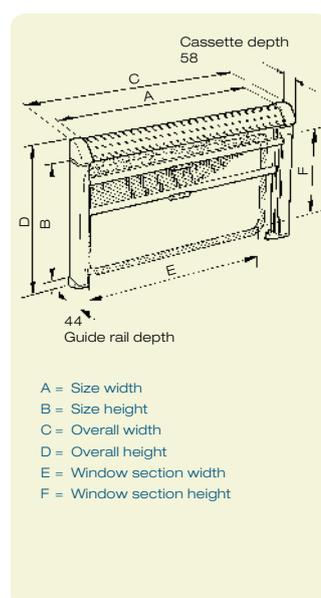
### Rastrollo 2000

Designed for installing above the window, this roller blind is the perfect solution for windows without frames. It is fitted with a fly screen and a shade for sun protection – both of which can be adjusted in a variety of positions. Integrated slots provide ample ventilation, even when the roller blind is pulled down.

- Space-saving assembly above the window
- Excellent insulation with aluminium coating
- Highly versatile: vertical guide rails can be shortened
- Highly-effective insect protection

### Dometic SEITZ Rastrollo 2000

3.42



#### Standard size

Size A [mm]	Size B [mm]	Size C [mm]	Size D [mm]	Size E [mm]	Size F [mm]	Weight [kg]
630	700	670	794	600	650	1.52
680	700	720	794	650	650	1.57
730	700	770	794	700	650	1.63
780	700	820	794	750	650	1.68
830	700	870	794	800	650	1.74
930	700	970	794	900	650	1.85
1030	700	1070	794	1000	650	1.96
1130	700	1170	794	1100	650	2.06
1230	700	1270	794	1200	650	2.17
1330	800	1370	894	1300	750	2.37
1430	800	1470	894	1400	750	2.48
1480	800	1520	894	1500	750	2.53
1530	800	1570	894	1500	750	2.59
1580	800	1620	894	1550	750	2.60
1630	800	1670	894	1600	750	2.70
1730	800	1770	894	1700	750	2.81
1830	800	1870	894	1800	750	2.92
1930	800	1970	894	1900	750	3.02

Product	Ref. No.	Product	Ref. No.
<b>Rastrollo 2000, pearl white</b>		<b>Rastrollo 2000, grey white</b>	
630 x 700 mm	9104100113	630 x 700 mm	9104100127
680 x 700 mm	9104100114	680 x 700 mm	9104100128
730 x 700 mm	9104100115	730 x 700 mm	9104100129
780 x 700 mm	9104100116	780 x 700 mm	9104100130
830 x 700 mm	9104100117	830 x 700 mm	9104100131
930 x 700 mm	9104100118	930 x 700 mm	9104100132
1030 x 700 mm	9104100119	1030 x 700 mm	9104100133
1130 x 700 mm	9104100120	1130 x 700 mm	9104100134
1230 x 700 mm	9104100121	1230 x 700 mm	9104100135
1330 x 800 mm	9104100122	1330 x 800 mm	9104100136
1430 x 800 mm	9104100123	1430 x 800 mm	9104100137
1480 x 800 mm	9104100296	1480 x 800 mm	9104106410
1530 x 800 mm	9104100124	1530 x 800 mm	9104100138
1580 x 800 mm	9104100297	1580 x 800 mm	9104106413
1630 x 800 mm	9104100125	1630 x 800 mm	9104100139
1730 x 800 mm	9104100126	1730 x 800 mm	9104100140
1830 x 800 mm	9104100298	1830 x 800 mm	9104100314
1930 x 800 mm	9104100299	1930 x 800 mm	9104100315



### For windows without frames

The roller blind is fitted with a head fixture and has a tab at the bottom for easy use. It provides a simple but effective system as a sun screen and for privacy in the driver's cabin.

- The roller blind can be shortened in width.
- Available with grey or sand-coloured roller blind, each with aluminium coating.

### Dometic SEITZ spring roller blind

3.42



Product [W x H] mm	Weight [kg]	Ref. No.	Product [W x H] mm	Weight [kg]	Ref. No.
<b>Spring roller blind, alu-sand</b>			<b>Spring roller blind, grey</b>		
770 x 700 mm	0.45	9104100218	770 x 700 mm	0.45	9104100206
920 x 700 mm	0.51	9104100219	920 x 700 mm	0.51	9104100207
970 x 700 mm	0.53	9104100220	970 x 700 mm	0.53	9104100208
1120 x 800 mm	0.58	9104100221	1120 x 800 mm	0.58	9104100209
1270 x 800 mm	0.65	9104100222	1270 x 800 mm	0.65	9104100210
1320 x 800 mm	0.79	9104100223	1320 x 800 mm	0.79	9104100211
1370 x 800 mm	0.81	9104100224	1370 x 800 mm	0.81	9104100212
1520 x 800 mm	0.88	9104100225	1520 x 800 mm	0.88	9104100213
1620 x 800 mm	0.93	9104100226	1620 x 800 mm	0.93	9104100214
1720 x 800 mm	0.98	9104100227	1720 x 800 mm	0.98	9104100215
1820 x 800 mm	1.03	9104100228	1820 x 800 mm	1.03	9104100216
1920 x 850 mm	1.08	9104100229	1920 x 850 mm	1.08	9104100217



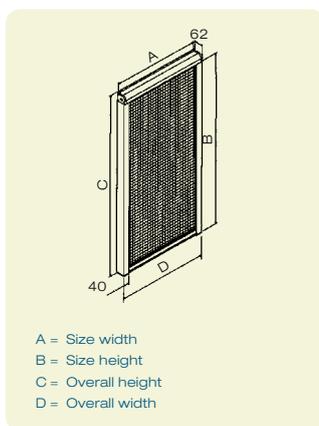
### Dometic SEITZ fly screen

Let the fresh air in and keep the insects out – you can do that with the clever, economical fly screen solution from Dometic SEITZ. The aluminium frame is simply attached to the top half of the door, which can be opened separately.

- Durable, powder-coated aluminium frame
- Sturdy, glass-fibre reinforced insect fly screen
- Extremely easy to use
- Low space requirement [only 62 mm deep]
- Available in two standard sizes

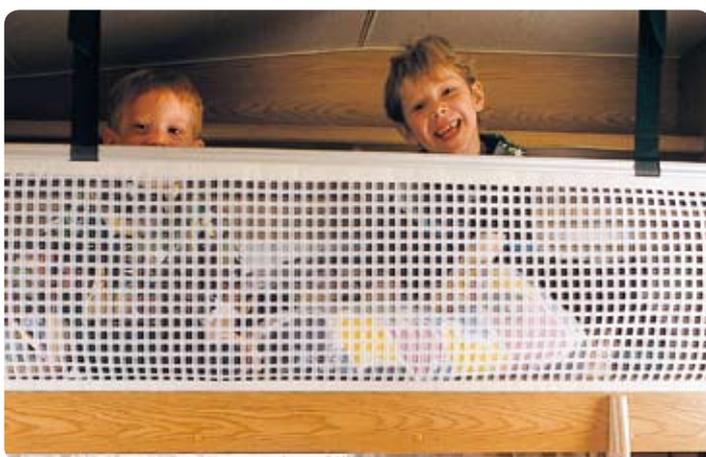
#### Dometic SEITZ fly screen for two-piece entrance doors

3.42



Size A [mm]	Size B [mm]	Size C [mm]	Size D [mm]	Weight [kg]
580	1100	1165	592	2.8
615	1100	1165	627	2.8

Product	Ref. No.
580 x 1100	9104100238
615 x 1100	9104100239



### Dometic SEITZ safety net

Children love messing about on the bed. With this safety net, you can rest assured that they will be safe. It is attached to the slatted base with four screws and with two straps on the ceiling and can be dismantled in a matter of seconds.

- Meets the standards of the automobile industry
- For heights of up to 900 mm
- Available in two standard sizes [W x H]: 1500 x 580 mm and 1800 x 580 mm

#### Dometic SEITZ safety net

3.42



Product [W x H] mm	Ref. No.
1500 x 580	9104100231
1800 x 580	9104100232



### Dometic SEITZ clothes drier

Where do you hang all your wet swimming things and tea towels and the T-shirts and socks you just quickly washed? They quickly dry again on the pull-out adjustable clothes drier from Dometic SEITZ. Three hanging rails and an especially sturdy towel rail are available. Only a small amount of space is required for mounting and when not in use, the clothes drier is easily folded together.

- One aluminium towel rail
- Three galvanised steel, plastic-coated rails
- Aluminium cover for the rails
- Anti-corrosion design
- Can be pulled out and folded away
- Minimum space requirement
- Supplied with two aluminium wall brackets

#### Dometic SEITZ clothes drier

**3.42**



<b>Weight</b>	1.05 kg
<b>Sizes [WxHxD]</b>	500 x 50 x 100 mm [folded up] 500 x 50 x 220 mm [extended]
<b>Product</b>	<b>Ref. No.</b>
Clothes drier	9104100230



### Dometic SEITZ acrylic glass polish, special cloth and cleaning agent

This cleaning agent for regular cleaning removes all types of dirt, even grease and nicotine film. It prevents static build-up and dust accumulation without using a solvent. Using the acrylic glass polish and a special cloth can remove blind spots and light scratches.

#### Dometic SEITZ

**3.42**

<b>Product</b>	<b>Ref. No.</b>
Acrylic glass polish	9104100242
Special cloth	9104100243
Acrylic glass cleaner	9104100244



### Dometic SEITZ SK 4 service-hatch

Spray cast from weatherproof ASA. This is fitted in the opening on the vehicle without screws [for vertical and horizontal assembly].

- Equipped with multi-point locking and closing system [except size 375 x 305 mm]
- Suitable for wall thicknesses of 23 to 42 mm
- Available in five different sizes



### Dometic SEITZ SK 5 service-hatch

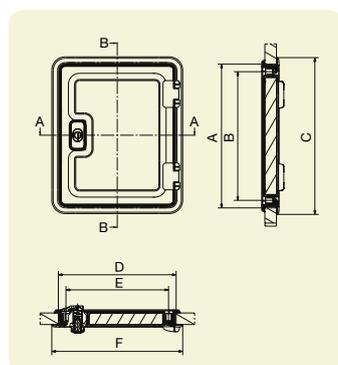
The attractive design of this weather-resistant service hatch blends in to the exterior of your recreational vehicle. No need for screws for this simple assembly. Vertical or horizontal assembly possible.

- Hinges on the inside
- Integrated ventilation for Dometic cassette toilet [360 x 310 mm]
- Secure multi-point locking and closing system
- Available in four different sizes
- Suitable for wall thicknesses of 23–36 mm

## Dometic SEITZ SK 4

Service hatches for your motorhome or caravan

3.42



Size	Width size [hinge side]			Height size			Wall thickness	Weight kg*	Ref. No.
	Size A	Size B	Size C	Size D	Size E	Size F			
375 x 305	375	335	409	305	265	338	23–32	0.99	9104100197
700 x 305	700	660	734	305	265	338	23–32	1.45	9104100198
700 x 405	700	660	734	405	365	438	23–42	1.65	9104100199
1000 x 305	1000	960	1034	305	265	338	23–42	2.00	9104100200
1000 x 405	1000	960	1034	405	365	438	23–42	2.20	9104100201

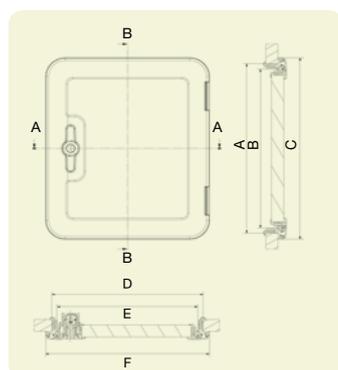
\* Weight without cover  
All sizes in mm. Changes and errors reserved.  
A = Space size in width  
B = Clearance in width

C = Overall width  
D = Space size in height  
E = Clearance size  
F = Overall height

## Dometic SEITZ SK 5

Service hatches for your motorhome or caravan

3.42



Size	Width size [hinge side]			Height size			Wall thickness	Weight kg*	Ref. No.
	Size A	Size B	Size C	Size D	Size E	Size F			
360 x 310	360	337	385	310	288	335	23–36	0.90	9104100202
650 x 350	648	625	673	348	326	373	23–36	1.30	9104100203
750 x 300	748	725	773	298	276	323	23–36	1.40	9104100204
1000 x 420	998	960	1023	418	396	443	23–36	2.00	9104100205

\* Weight without cover  
All sizes in mm. Changes and errors reserved.  
A = Space size in width  
B = Clearance in width

C = Overall width  
D = Space size in height  
E = Clearance size  
F = Overall height



## Clean performance!

### Powerful, compact and concealed

The central vacuum cleaning system from Dometic is barely the size of a shoebox. And can be so perfectly integrated into unused storage spaces that only a small “socket” remains visible. The unit switches on automatically when the vacuum hose is inserted into this opening. When the hose is pulled out after the work is done, it switches off and the flap over the socket closes by itself [spring mechanism].

### Cleanliness and hygiene on board

The flexible 12-metre hose of the CV 2004 reaches into the furthest corners, and a variety of brushes and nozzles remove the dirt from even the smallest gaps. The innovative triple filter system and the powerful motor also ensure that the air is cleaned efficiently.



The 12 metre long hose reaches in to the farthest corners.



Invisible from the outside: the vacuum cleaner can be kept in a storage compartment or in the garage.



When the vacuum hose is connected, the vacuum cleaner starts automatically.

## Dometic CV 2004

Central vacuum cleaner system for motorhomes

3.31



### Features & functions

- Efficient and hygienic thanks to a powerful motor and triple filter system
- Ideal for concealed installation in storage compartments
- Can be installed horizontally or vertically
- Flexible 12-metre hose
- Diverse brushes and nozzles included

<b>Input voltage</b>	230 volts
<b>Current consumption</b>	5.5 A
<b>Power input</b>	1200 watt
<b>Vacuuming performance</b>	2500 mm water column
<b>Material</b>	Plastic housing
<b>Colour</b>	Black
<b>Size [W x H x D]</b>	Front panel: 243 x 460 x 30 mm Housing: 209 x 413 x 100 mm
<b>Weight</b>	3.7 kg

**NEW**

Concealed installation

Inconspicuous vacuum hose socket

Automatic switch-on when the hose is inserted

Triple filter system

Comprehensive accessories included

**Scope of delivery:** Central unit, installation accessories, accessory bag, vacuum hose, diverse nozzles and brushes, crevice nozzle, vacuum cleaner bag

Product	Ref. No.
Dometic CV 2004	9103500002
<b>Accessories</b> Vacuum cleaner bag [5 pieces]	9103500005



Changing the dust bag: as easy as a vacuum cleaner at home



Series standard: comprehensive accessories for any [suction] situation

# 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.

## 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
Motor	12 volts DC, 28,000 rpm
Battery	12 volts DC, 2.6 Ah
Operating time	approx. 18 min ± 10%
Charging time	10 to 14 h (automatic cut-off)
Capacity	3.8 litres
Power consumption	approx. 90 watts
Cleaning power	approx. 400 mm water column (± 10%)
Operating temperature	0°C to +40°C
Material	Handle: ABS Filter: polyester Dust container: PP
Dimensions (W x H x D)	270 x 320 x 198 mm
Weight	2150 g

**Scope of delivery:** vacuum cleaner, hose, attachments for upholstery, rugs and narrow gaps, carrying strap, mains adapter, 12-volt charging cable, operating instructions

Product	Ref. No.
PowerVac PV 100	PV-100



### Perfect cleaning performance!

The WAECO PowerVac battery gives you 18 minutes of uninterrupted operation. Then it's time to connect it to the mains for recharging. Using the connection that is part of the set, recharging takes between 10 and 14 hours. The process is electronically controlled and completed to prevent over-charging. The vacuum cleaner comes with a 3.8 litre dust container and reusable fabric filter, both of which are simply taken off for emptying and cleaning.

### Top cleaning power – minimal power consumption

What many of us don't know is that you can't judge a vac's cleaning power by its watt rating alone. Much more relevant is the generated under-pressure measured in millimetres of water column. This is where the PowerVac scores excellent results. Compared with a 1200-watt high-tech vacuum cleaner, which generates about 1,500 mm of water column, the battery vac achieves a proud 400 mm at a modest power consumption of 90 watts!



Suitable for both wet and dry vacuum cleaning



Brush attachment for doormats, rugs and upholstery



Easy cleaning thanks to detachable dust container and fabric filter



Extendible crevice nozzle for narrow gaps

# Good to know you are safe and sound

## MagicSafe gas detector

**How do you know if gas from an on-board supply has leaked into your vehicle? Probably only when it is too late ... The WAECO MagicSafe gas detector protects you.** It reliably detects the presence of narcotic gases in the atmosphere and immediately triggers the alarm: the integrated buzzer emits an audible signal and the red LED blinks. Simultaneously, the output relay is switched on. It can be used to activate external alarm units up to 10 A.

You can silence the audible alarm by pressing a button. The same button can be used to start the sensor's function test. Any system failure will be immediately indicated.

The sensor detects knock-out gases based on ether, chloroform, butane, ethane and trichlorethene. It automatically adjusts to the room atmosphere.

### WAECO MagicSafe MSG 150

Gas detector 12 and 24 volts

3.08



#### Features & functions

- > Responds to all common narcotic gases
- > Audible and visual alarm
- > Integrated 10-A switching relay
- > Adjusts automatically to the room atmosphere
- > Temperature-independent gas sensor
- > Automatic self test with visual error indication
- > Manual function test
- > Self-cleaning gas sensor
- > Three usage options:
  - As stand-alone unit
  - In combination with WAECO MagicSafe MS 650 and MS 670 car alarms (12 V operation only)
  - In combination with the WAECO MS-620SI siren (12 V operation only)
- > For 12/24-volt power supply

**Current input** approx. 80 mA

**Control output** 1

**Output switching current** 10 A

**Scope of delivery:** MSG 150 gas detector, mounting plate, installation and operating instructions

Product	Ref. No.
MagicSafe MSG 150	MSG-150-N
<b>Optional extra</b> Exterior siren (12 V)	MS-620SI

**Detects all common narcotic gases**

**Can be used as stand-alone unit or in combination with the WAECO car alarms MagicSafe MS 650 and MS 670**

**Audible and visual alarm**





## A safe bet for storing your valuables

**Dometic safes leave no point of attack for thieves and burglars. Laser-cut doors and two 18 mm steel pivots provide safe storage for your valuables while on the move. The ideal security concept for your recreational vehicle – designed by a company that sets the quality benchmarks for hotel safe security worldwide.**

Compact and sturdy: the key-locking **mechanical models Dometic SAFE 281C and 361C** provide many features for enhanced security.

- Mechanical locking system
- Laser-cut doors and frames
- Tight tolerances between door and frame
- Door locking with two 18 mm steel pivots
- Flexible installation: horizontal or vertical
- Available in two sizes:  
compact safe or laptop format

Extra security: the two **automatic models Dometic SAFE MD 281C and MD 361C** meet highest demands in terms of operating comfort and design.

- Automatic motor locking
- Electronic locking by code entry with 5-minute memory function
- Illuminated LED display
- Emergency access with masterkey
- Laser-cut doors and frames
- Tight tolerances between door and frame
- Door locking with two 18 mm steel pivots
- Flexible installation: horizontal or vertical
- Available in two sizes:  
compact safe or laptop format

**Dometic SAFE 281C / 361C**

Safes with mechanical locking system  
For secure storage of valuables in vehicles

**3.34**

SAFE 281C



SAFE 361C



Optional fixing kit

	<b>281C</b>	<b>361C</b>
<b>Capacity</b>	8.3 litres	24.5 litres
<b>Net weight</b>	6.5 kg	12.7 kg
<b>Dimensions [W x H x D]</b>	280 x 165 x 235 mm	360 x 190 x 410 mm
<b>Steel wall thickness</b>	Door: 5.0 mm, cabinet: 1.5 mm	
<b>Colour</b>	Anthracite	
<b>Quality features</b>	Laser-cut door, very tight tolerances between door and cabinet, door locking with 2 steel pivots, robust inside hinges and locks without any plastic parts, vertical or horizontal installation	
<b>Certification</b>	RoHS	

**Scope of delivery:** safe, 2 keys, operating instructions

<b>Product</b>	<b>Ref. No.</b>
SAFE 281C	9106600001
SAFE 361C	9106600002
<b>Optional extra</b> Fixing kit	9106600005

**Mechanical locking system**

**High-grade finish for maximum security**

**Easy key operation**

**Dometic SAFE 361C in laptop size**

**Dometic SAFE MD 281C / MD 361C**

Safes with automatic locking system  
For secure storage of valuables in vehicles

**3.34**

SAFE MD 281C



SAFE MD 361C



Optional aluminium door knob



Optional fixing kit

	<b>MD 281C</b>	<b>MD 361C</b>
<b>Capacity</b>	8.3 litres	24.5 litres
<b>Net weight</b>	6.5 kg	12.8 kg
<b>Dimensions [W x H x D]</b>	280 x 165 x 235 mm	360 x 190 x 410 mm
<b>Steel wall thickness</b>	Door: 5.0 mm, cabinet: 1.5 mm	
<b>Colour</b>	Anthracite	
<b>Quality features</b>	Automatic motor locking system [battery-powered], electronic locking with 4-digit code [changeable] and 5-minute memory function, battery-low indication, laser-cut door, very tight tolerances between door and cabinet, door locking with 2 steel pivots, vertical or horizontal installation	
<b>Certification</b>	RoHS, EMC	

**Scope of delivery:** safe, 2 emergency access keys, plastic door knob, 4 Duracell batteries, operating instructions

<b>Product</b>	<b>Ref. No.</b>
SAFE MD 281C	9106600003
SAFE MD 361C	9106600004
<b>Optional extras</b> Aluminium door knob	9106600006
Fixing kit	9106600005

**Automatic locking system**

**Electronic locking by code entry with 5-minute memory function**

**Attractive design with illuminated LED display**

**High-grade finish for maximum security**

**Dometic SAFE MD 361C in laptop size**



No point of attack for burglars: laser-cut doors and frames



Flexible installation: vertical or horizontal



Functional aesthetics: illuminated LED display on MD 281C and MD 361C safes



Practical laptop size: Safes 361C und MD 361C

**15" laptop size**





# Mobile kitchen solutions

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Car-Kettles / Coffee-Makers	234 – 237



# Mobile kitchen concepts

## Home-style cooking and enjoyment

### Star chef on board: your convenient mobile kitchen

No matter which dish you are preparing when you're on holiday: cooking can be a real pleasure in your mobile kitchen. Treat your family – and yourself – to a delicious meal made from fresh ingredients purchased at the local market. Or create something

fabulous from what is in the fridge. Smart kitchen technology with well-planned features and functions turns the chore of cooking into a culinary holiday treat. Enjoy it!

## Portable grills

Highly regarded by mobile hobby chefs for more than 30 years: The practical Dometic CRAMER portable grills can be easily transported anywhere and everywhere. Available in three models – with one, two or three cooking grate(s).



Pages 210 – 211

CRAMER Classic 1

## Ovens

For all kinds of delicacies: nicely rising cakes or aromatic pizzas, juicy roasts or crisp chicken, grilled dinners or quick toasts. Fully equipped. For permanent installation.



Pages 214 – 215

SMEV FO211GT

## Hobs

High-quality built-in solutions in a wide range of sizes and for every kind of space. Gas burners with a safety ignition system. New: Hobs with a polished glass surface.



Pages 216 – 219

NEW

SMEV PI8423GL

## Hob / sink combinations

The most efficient use of worktop space in a mobile kitchen: ultra-compact combination of double-burner hob and sink. Durable stainless steel. Gas burners with a safety ignition system.



SMEV M09222L



Pages 220 – 223

CRAMER CE00-MINI/BO-HI/27-I-G



SMEV VA7306FP



Pages 224 – 227

CRAMER CE09

## Built-in sinks

You are bound to find a matching sink for your galley here. Round or square, sinks in various dimensions, and with drainer, too. Sturdy stainless steel design of lasting value. Models with or without a glass lid.

## Alcohol stove

Popular alternative to a gas cooker: a free-standing alcohol stove with one or two flame(s). Compact design – ideal for small kitchens or for picnics. Tried-and-tested and safe technology.



Pages 212 – 213



ORIGO 3000

## Convenience features for the on-board kitchen

Specially made for mobile use: with everything which makes kitchen equipment perfect at home. From the innovative air recirculation cooker hood and dishwashers to car kettles.



Dometic CK 2000



Dometic DW 2440S



Pages 230 – 237

WAECO PerfectCoffee MC08



## Make grilling and cooking a joy to take anywhere

Once you've used one, you'll never want to go without one again: the practical Dometic CRAMER portable grills have been warmly recommended by al fresco chefs for over 30 years. They operate using gas, and are set up and ready to use in a trice. The meat can go on the grill while the side dishes are sizzling on one, two or three cooking grate(s). Thanks to the top-mounted burner, there's neither smoke, ash nor sparks – you can enjoy perfect barbecues absolutely anywhere!

### Dometic CRAMER Classic 1

Portable grill with three cooking grates

3.37



Gas pressure regulator not included

<b>Power rating</b>	5300 watts
<b>Gas consumption</b>	385 g/h
<b>Gas supply pressure</b>	30 mbar for a gas socket; 50 mbar for bottled gas
<b>Number of burners</b>	3
<b>Colour of case</b>	Anthracite
<b>Side panels</b>	Aluminium
<b>Quality features</b>	Stainless steel burner and cooking grates, easy to set up and pack away, steel case for ease of transport, 4 stable support legs, roasting spit with 2 meat holders, oven rack holder, grill pan with tray and heat-insulated handle, aluminium drip tray, gas supply hose
<b>Dimensions [W x H x D]</b>	300 x 630 x 120 mm [closed] Drip tray with rack [B x T]: 600 x 290 mm
<b>Weight</b>	10 kg
<b>Test mark</b>	CE

Product	Ref. No.
Dometic CRAMER Classic 1, 50 mbar	9103300043 D, CH, A
Dometic CRAMER Classic 1, 30 mbar only approved for connection to a gas socket [coupling]	9103300055 D, CH, A
Dometic CRAMER Classic 1, 30 mbar	9103300071 UK, I, S

More country-specific models on request.



Gas

**No smoke, ash or sparks are produced**

**Cook and grill at the same time**

**Compact "suitcase" design: easy to transport**

**Stainless steel burner and cooking grate**

### Dometic CRAMER Classic 2 Portable grill with two cooking grates

3.37



Gas pressure regulator not included

<b>Power rating</b>	4300 watts
<b>Gas consumption</b>	320 g/h
<b>Gas supply pressure</b>	30 mbar for a gas socket; 50 mbar for bottled gas
<b>Number of burners</b>	2
<b>Colour of case</b>	Anthracite
<b>Side panels</b>	Aluminium
<b>Quality features</b>	Stainless steel burner and cooking grates, easy to set up and pack away, steel case for ease of transport, 4 stable support legs, roasting spit with 2 meat holders, oven rack holder, grill pan with tray and heat-insulated handle, aluminium drip tray, gas supply hose
<b>Dimensions [W x H x D]</b>	300 x 500 x 120 mm [closed] Drip tray with rack [B x T]: 506 x 290 mm
<b>Weight</b>	8 kg
<b>Test mark</b>	CE

Product	Ref. No.
Dometic CRAMER Classic 2, 50 mbar	9103300009 D, CH, A
Dometic CRAMER Classic 2, 30 mbar only approved for connection to a gas socket [coupling]	9103300026 D, CH, A
Dometic CRAMER Classic 2, 30 mbar	9103300126 UK, I, S

More country-specific models on request.



Gas

No smoke, ash or sparks are produced

Cook and grill at the same time

Compact "suitcase" design: easy to transport

Stainless steel burner and cooking grate

### Dometic CRAMER Trekki Portable grill with one cooking grate

3.37



Gas pressure regulator not included

	30 mbar	50 mbar
<b>Power rating</b>	1800 watts	2200 watts
<b>Gas consumption</b>	130 g/h	160 g/h
<b>Gas supply pressure</b>	30 mbar for a gas socket	50 mbar for bottled gas
<b>Number of burners</b>	1	1
<b>Colour of case</b>	Aluminium	
<b>Side panels</b>	Aluminium	
<b>Quality features</b>	Stainless-steel burner, aluminium cooking grate, easy to set up and pack away, aluminium case for ease of transport, grill tray holder, gas supply hose	
<b>Dimensions [W x H x D]</b>	200 x 260 x 75 mm [closed] Rack [B x T]: 215 x 165 mm	
<b>Weight</b>	1.4 kg	
<b>Test mark</b>	CE	

Product	Ref. No.
Dometic CRAMER Trekki, 50 mbar	9103300000 D, CH, A
Dometic CRAMER Trekki, 30 mbar only approved for connection to a gas socket [coupling]	9103300006 D, CH, A
Dometic CRAMER Trekki, 30 mbar	9103300127 UK, I, S

More country-specific models on request.



Gas

No smoke, ash or sparks are produced

Cook and grill at the same time

Compact "suitcase" design: easy to transport

Aluminium cooking grate, stainless steel burner

### Dometic CRAMER accessories

3.37



Side shelves for grill



Grill rack midi



Grill rack maxi



1.5-volt battery grill motor

Combination grill motor

<b>Side shelves for grill</b>	Suitable for all CRAMER grills, attached to the side of the grill, supplied in pairs, chromed tray holder, dimensions [W x D] approx. 270 x 170 mm
<b>Grill rack midi</b>	Rack width: 320 mm, for all grills with 35 – 48 cm inside width, for 2-burner grills
<b>Grill rack maxi</b>	Rack width: 480 mm, for all grills with 52 – 62 cm inside width, for 3-burner grills
<b>1.5-volt battery grill motor</b>	For 1.5-volt batteries, RFI suppressed, battery not included
<b>Combination grill motor</b>	For either 230-volt mains or 1.5-volt battery, batteries not included

Product	Ref. No.
Side shelves for grill	9103300804
Grill rack midi	9103300800
Grill rack maxi	9103300801
1.5-volt battery grill motor	9103300802
Combination grill motor	9103300807

# Mobile alcohol stoves

If you would rather cook using alcohol than with gas, the Dometic ORIGO range has something for you. Dometic ORIGO alcohol stoves are ideal for those really tight on-board kitchens or for picnics in the open. One or two burners, super-compact design, easy to stow away again after meals. Tried-and-tested, safe and high-performance technology. Stainless steel, high-quality finish and easy to clean.

## Dometic ORIGO 1500

Single-burner free-standing alcohol stove



Burning time	approx. 4.5 hours
Number of burners	1
Burner capacity	2000 watts
Boiling time	10 minutes for 1 litre of water
Tank capacity	1.2 litres
Dimensions [W x H x D]	236 x 137 x 262 mm
Weight	3.4 kg

3.33/3.32

**NEW**

Compact design – easy to stow away

Ideal for indoor and outdoor use

High cooking power on all burners

Easy access to the alcohol-fuel container – simple and safe to fill

Comprehensive accessories which can be ordered separately

## Dometic ORIGO 3000

Double-burner free-standing alcohol stove



Burning time	approx. 4.5 hours
Number of burners	2
Burner capacity	2000 watts per burner
Boiling time	10 minutes for 1 litre of water
Tank capacity	1.2 litres per tank
Dimensions [W x H x D]	464 x 137 x 262 mm
Weight	6.3 kg



Cutting boards

Product	Ref. No.
Dometic ORIGO 1500	9103303880
Dometic ORIGO 3000	9103303882
<b>Optional extras</b>	
Cutting board 1500	9103303988
Cutting board 3000	9103303985
Fuel tank	9103303993
Flame spreader	9103303996
Rubber gasket	9103303995

## Heater and stove all in one

**Need some extra heat in your awning?** The ORIGO 5100 is the ideal back-up heater. Small, lightweight and extremely efficient, it provides 1500 watts for fast additional heat. With the lid removed it can be used as a stove. It will boil a litre of water in 15 minutes and is also great for keeping food warm. Using alcohol as fuel, ORIGO 5100 is pressure-free and absolutely safe in operation.

### Dometic ORIGO 5100

Alcohol heater / stove

3.32



Burning time	approx. 5 hours
Number of burners	1
Burner capacity	1500 watts
Boiling time	15 minutes for 1 litre of water
Tank capacity	1.2 litres
Dimensions [W x H]	285 x 150–285 mm
Weight	2.5 kg

**NEW**

Ideal for indoor  
and outdoor use

Heater and stove all  
in one

Can also be used for  
keeping food warm

1500 watts output in  
heater mode

Product	Ref. No.
Dometic ORIGO 5100	9103303920
Fuel tank	9103303994



# Baking and grilling with perfect design

Nicely rising cakes or aromatic pizzas, juicy roasts or crisp chickens, grilled dinners ... you can create the most delightful delicacies with your exclusive SMEV and Dometic CRAMER oven on board. Setting the temperature and grill function (except CMBOA) is easy and comfortable. Baking tray and rack included. The ovens are easy to use and install. Space-saving features for your vehicle – and a big step forward for mobile cooking convenience!



## SMEV FO211GT

Oven with grill

3.38



<b>Voltage</b>	12 volts DC [electric ignition]
<b>Oven output</b>	1.0 kW
<b>Grill output</b>	1.3 kW
<b>Gas consumption oven</b>	73 g/h
<b>Gas consumption grill</b>	95 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Total output</b>	2.3 kW
<b>Total consumption</b>	168 g/h
<b>Oven capacity</b>	20 litres
<b>Quality features</b>	Thermostat, interior light, electronic 12-volt ignition, safety ignition system, grill included, easy-clean door and interior, bottom-hinged door, chimney connection, rotary tray, multi-layered door. Stainless steel baking tray and oven grid included with each unit, glass door with safety locking
<b>Dimensions [W x H x D]</b>	530 x 310 x 410 mm
<b>Built-in dimensions [W x H x D]</b>	504 x 283 x 460 mm
<b>Weight</b>	13.2 kg
<b>Test mark</b>	CE



Gas

Thermostat

Interior light

Electronic 12-volt ignition

Safety ignition system

Grill included

Oven doors with safety locking

**NEW**  
Rotary tray and highly insulated multi-layer door

## SMEV FO311GT

Oven with grill



<b>Voltage</b>	12 volts DC [electric ignition]
<b>Oven output</b>	1.0 kW
<b>Gas consumption oven</b>	73 g/h
<b>Grill output</b>	1.3 kW
<b>Gas consumption grill</b>	95 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Total output</b>	2.3 kW
<b>Total consumption</b>	168 g/h
<b>Oven capacity</b>	30 litres
<b>Quality features</b>	Thermostat, interior light, electronic 12-volt ignition, safety ignition system, grill included, easy-clean door and interior, bottom-hinged door, chimney connection, rotary tray, multi-layered door. Stainless steel baking tray and oven grid included with each unit. Glass door with safety locking
<b>Dimensions [W x H x D]</b>	530 x 430 x 415 mm
<b>Built-in dimensions [W x H x D]</b>	500 x 410 x 460 mm
<b>Weight</b>	19.5 kg
<b>Test mark</b>	CE

Product	Ref. No.
SMEV FO211GT	9102302150
SMEV FO311GT	9102302151

**Dometic CRAMER CBCG**

Oven with grill



<b>Voltage</b>	12 volts DC [electric ignition]
<b>Oven output</b>	1.2 kW
<b>Grill output</b>	1.6 kW
<b>Gas consumption oven</b>	85 g/h
<b>Gas consumption grill</b>	115 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Total output</b>	2.8 kW
<b>Total consumption</b>	200 g/h
<b>Oven capacity</b>	32 litres
<b>Quality features</b>	Panorama door made of heat-resistant glass, thermostat, electric 12-volt ignition, grill included, easy-clean door and interior, interior light, bottom-hinged door, enamelled baking tray, stainless steel over rack and roasting spit
<b>Dimensions [W x H x D]</b>	528 x 430 x 422 mm
<b>Built-in dimensions [W x H x D]</b>	462 x 484 x 422 mm
<b>Weight</b>	18.4 kg
<b>Test mark</b>	CE



Gas

Heat-resistant glass  
panorama door

Thermostat

Electronic 12-volt  
ignitionEasy-clean door  
and interior

Interior light

Grill and roasting  
spit [CBCG]**Dometic CRAMER CMBOA**

Oven



<b>Voltage</b>	12 volts DC [electric ignition]
<b>Oven output</b>	1.1 kW
<b>Gas consumption oven</b>	80 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Oven capacity</b>	18 litres
<b>Quality features</b>	Panorama door made of heat-resistant glass, thermostat, electric 12-volt ignition, grill included, easy-clean door and interior, interior light, bottom-hinged door, enamelled baking tray and pan, stainless steel oven rack and roasting spit
<b>Dimensions [W x H x D]</b>	410 x 310.8 x 489.7 mm
<b>Built-in dimensions [W x H x D]</b>	398 x 304 x 490 mm
<b>Weight</b>	13.7 kg
<b>Test mark</b>	CE

Product	Ref. No.
Dometic CRAMER CBCG	9103300491
Dometic CRAMER CMBOA	9103300500

# Optimal protection for the hob

When you need to cook with two or three burners in narrow spaces – the SMEV and Dometic CRAMER hobs make it possible. The hob is installed flush with the worktop. Ergonomically positioned controls keep you in perfect command of the cooking process. The new polished glass surface make them not only eye-catching, but also child's play to clean. If no pots are on the hob you can close the glass lid to gain additional workspace – and protect your hob at the same time.



## SMEV PI8023GL

3-burner hob with glass lid and glass surface

3.38



<b>Voltage</b>	12 volts DC [electric ignition]
<b>Power rating</b>	4.6 kW
<b>Gas consumption</b>	335 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Number of burners</b>	3
<b>Quality features</b>	Integrated heat-resistant safety glass lid, easy-to-clean heat-resistant safety glass surface, detachable chromed pan support, enamelled burner caps, recessed controls, electronic 12-volt ignition, safety ignition system, rubber seal
<b>Dimensions [W x H x D]</b>	560 x 90.5 x 440 mm
<b>Built-in dimensions [W x D]</b>	466 x 358 mm
<b>Weight</b>	3.6 kg
<b>Test mark</b>	CE

**NEW**



Gas

Electronic 12-volt ignition

Safety ignition system

Integrated heat-resistant safety glass lid

Glass surface quick and easy to clean

Detachable chromed pan supports

Enamelled burner caps

## SMEV PI8423GL

3-burner hob with glass lid and glass surface



<b>Voltage</b>	12 volts DC [electric ignition]
<b>Power rating</b>	4.6 kW
<b>Gas consumption</b>	335 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Number of burners</b>	3
<b>Quality features</b>	Integrated heat-resistant safety glass lid, easy-to-clean heat-resistant safety glass surface, detachable chromed pan support, enamelled burner caps, safety ignition system, recessed controls, electronic 12-volt ignition, rubber seal
<b>Dimensions [W x H x D]</b>	590 x 160 x 350 mm
<b>Built-in dimensions [W x D]</b>	572 x 332 mm
<b>Weight</b>	6.9 kg
<b>Test mark</b>	CE

Product	Ref. No.
SMEV PI8023GL	9102302154
SMEV PI8423GL	9102302155

### Dometic CRAMER CE99-ZF460-I-G

2-burner hob with glass lid

3.37



<b>Power rating</b>	3.2 kW
<b>Gas consumption</b>	233 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Number of burners</b>	2
<b>Quality features</b>	Integrated heat-resistant safety glass lid, detachable chromed pan supports, stainless steel burner caps, safety ignition system, recessed controls
<b>Dimensions [W x H x D]</b>	460 x 90 x 335 mm
<b>Built-in dimensions [W x D]</b>	440 x 315 mm
<b>Weight</b>	3.3 kg
<b>Test mark</b>	CE



Gas

Safety ignition system

Integrated heat-resistant safety glass lid

Detachable pan supports – easy to clean

Stainless steel burner caps

### Dometic CRAMER CE99-DF-I-G

3-burner hob with glass lid



<b>Power rating</b>	4.8 kW
<b>Gas consumption</b>	350 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Number of burners</b>	3
<b>Quality features</b>	Integrated heat-resistant safety glass lid, detachable chromed pan supports, stainless steel burner caps, safety ignition system, recessed controls
<b>Dimensions [W x H x D]</b>	520 x 90 x 445 mm
<b>Built-in dimensions [W x D]</b>	510 x 435 mm
<b>Weight</b>	5.1 kg
<b>Test mark</b>	CE

### Dometic CRAMER CE-08-DF

3-burner hob with glass lid and glass surface

3.37



<b>Voltage</b>	12 volts DC [electric ignition]
<b>Power rating</b>	4.5 kW
<b>Gas consumption</b>	330 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Number of burners</b>	3
<b>Quality features</b>	2 integrated heat-resistant safety glass lid, easy-to-clean heat-resistant safety glass surface, detachable chromed pan support, enamelled burner caps, safety ignition system, recessed controls
<b>Weight</b>	7.2 kg
<b>Dimensions [W x H x D]</b>	485.5 x 86 x 485.5 mm
<b>Built-in dimensions [W x D]</b>	457.4 x 455.2 mm
<b>Test mark</b>	CE

**NEW**



Gas

Electronic 12-volt ignition

Safety ignition system

Two integrated heat-resistant safety glass lids

Detachable chromed pan supports

Glass surface quick and easy to clean

Enamelled burner caps

Product	Ref. No.
Dometic CRAMER CE99-ZF460-I-G	9103300436
Dometic CRAMER CE99-DF-I-G	9103300402
Dometic CRAMER CE-08-DF	9103300502

# Tried-and-tested base units

Space for up to four pots and pans ... ergonomic heat control with recessed-mounted, easy-to-check turning switches ... functional equipment ... in short: home-like cooking comfort. The SMEV and Dometic CRAMER hobs are remarkably compact, made from robust stainless steel and equipped with detachable pan supports and a safety ignition system.



## SMEV PI8621RP

1-burner built-in hob



<b>Power rating</b>	2.3 kW
<b>Gas consumption</b>	167 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Number of burners</b>	1
<b>Quality features</b>	Detachable chromed pan support, stainless steel burner lid, Piezo ignition, safety ignition system
<b>Dimensions [W x H x D]</b>	240 x 102 x 320 mm
<b>Built-in dimensions [W x D]</b>	216 x 296 mm
<b>Weight</b>	1 kg
<b>Test mark</b>	CE

## SMEV PI909

2-burner built-in hob



<b>Power rating</b>	2.8 kW
<b>Gas consumption</b>	204 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Number of burners</b>	2
<b>Quality features</b>	Detachable chromed pan support, enamelled burner caps, Piezo ignition, safety ignition system
<b>Dimensions [W x H x D]</b>	420 x 75 x 370 mm
<b>Built-in dimensions [W x D]</b>	386 x 336 mm
<b>Weight</b>	1.9 kg
<b>Test mark</b>	CE

## SMEV PI913

3-burner built-in hob



<b>Voltage</b>	12 volts DC [electric ignition]
<b>Power rating</b>	3.8 kW
<b>Gas consumption</b>	277 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Number of burners</b>	3
<b>Quality features</b>	Detachable chromed pan support, enamelled burner caps, electronic 12-volt ignition, safety ignition system, rubber seal
<b>Dimensions [W x H x D]</b>	520 x 90 x 370 mm
<b>Built-in dimensions [W x D]</b>	486 x 336 mm
<b>Weight</b>	2.7 kg
<b>Test mark</b>	CE

Product	Ref. No.
SMEV PI8621RP	9102300033
SMEV PI909	9102300038
SMEV PI913	9102300039

3.38



Gas

Piezo ignition

12-volt ignition [PI913]

Safety ignition system

Detachable pan support – easy to clean

**Dometic CRAMER CE88 ZF EK2000 NIRO**

2-burner hobs



<b>Power rating</b>	3.2 kW
<b>Gas consumption</b>	233 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Number of burners</b>	2
<b>Quality features</b>	Detachable chromed pan supports, stainless steel burner caps, safety ignition system
<b>Dimensions [W x H x D]</b>	450 x 50 x 325 mm
<b>Built-in dimensions [W x D]</b>	430 x 305 mm
<b>Weight</b>	1.6 kg
<b>Test mark</b>	CE



Gas

Detachable pan supports – easy to clean

Stainless steel burner caps

Safety ignition system

**Dometic CRAMER CE94 DF EK2000 NIRO**

3-burner hobs



<b>Power rating</b>	4.8 kW
<b>Gas consumption</b>	350 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Number of burners</b>	3
<b>Quality features</b>	Detachable chromed pan supports, stainless steel burner caps, safety ignition system
<b>Dimensions [W x H x D]</b>	500 x 50 x 400 mm
<b>Built-in dimensions [W x D]</b>	470 x 370 mm
<b>Weight</b>	4.1 kg
<b>Test mark</b>	CE

**Dometic CRAMER CE88 VF EK2000-I**

4-burner hobs



<b>Power rating</b>	6.4 kW
<b>Gas consumption</b>	467 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Number of burners</b>	4
<b>Quality features</b>	Detachable chromed pan supports, stainless steel burner caps, safety ignition system
<b>Dimensions [W x H x D]</b>	400 x 50 x 500 mm
<b>Built-in dimensions [W x D]</b>	370 x 470 mm
<b>Weight</b>	4.1 kg
<b>Test mark</b>	CE

Product	Ref. No.
Dometic CRAMER CE88 ZF EK2000 NIRO	9103300439
Dometic CRAMER CE94 DF EK2000 NIRO	9103300441
Dometic CRAMER CE88 VF EK2000-I	9103300437

# Elegant “kitchen centres”

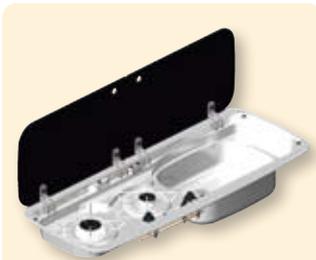
Cooking and washing up in one. The compact hob/sink combinations from SMEV and Dometic CRAMER feature two or three burners as well as a sink. Once the work is done, simply fold the integrated glass lid down to expand your worktop to use for other things. The hob/sink combinations also feature a safety ignition system.



## SMEV MO9222R / MO9222L

2-burner hob/sink combination with glass lids

3.38



MO9222R



MO9222L

<b>Voltage</b>	12 volts DC [electric ignition]
<b>Power rating</b>	2.8 kW
<b>Gas consumption</b>	204 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Number of burners</b>	2
<b>Quality features</b>	2 integrated heat-resistant safety glass lids, detachable chromed pot grids, enamelled burner caps, recessed controls, electronic 12-volt ignition, safety ignition system, AC 540 siphon, rubber seal, supplied with hole for tap [Ø 39 mm]
<b>Dimensions [W x H x D]</b>	900 x 152 x 370 mm
<b>Built-in dimensions [W x D]</b>	793 x 307 mm
<b>Weight</b>	5.8 kg
<b>Test mark</b>	CE



Gas

Electronic 12-volt ignition

Safety ignition system

Integrated heat-resistant safety glass lid

Detachable pan supports – easy to clean

Tap fitting inside

Enamelled burner caps

## SMEV MO8322R

2-burner hob/sink combination with glass lid



MO8322R



AC 539, plastic

<b>Voltage</b>	12 volts DC [electric ignition]
<b>Power rating</b>	2.8 kW
<b>Gas consumption</b>	204 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Number of burners</b>	2
<b>Quality features</b>	Integrated heat-resistant safety glass lid, detachable chromed pot grids, enamelled burner caps, recessed controls, electronic 12-volt ignition, safety ignition system, AC 540 siphon, rubber seal, supplied with hole for tap [Ø 39 mm]
<b>Dimensions [W x H x D]</b>	680 x 142 x 440 mm
<b>Built-in dimensions [W x D]</b>	666 x 426 mm
<b>Weight</b>	5.6 kg
<b>Test mark</b>	CE

Product	Ref. No.
SMEV MO9222R	9102300025
SMEV MO9222L	9102300024
SMEV MO8322R	9102300020
Tap fitting AC 539 [Plastic, colour: chrome]	9102300076

Taps not included!

### Dometic CRAMER CE00-MINI/BO-HI/27-I-G

2-burner hob/sink combination with glass lid



<b>Power rating</b>	3.2 kW
<b>Gas consumption</b>	233 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Number of burners</b>	2
<b>Quality features</b>	Integrated heat-resistant safety glass lid, detachable chromed pan supports, stainless steel burner cap, tap fitting inside, safety ignition system, recessed controls, siphon, rubber seal, supplied with hole for tap [Ø 27 mm]
<b>Dimensions [W x H x D]</b>	600 x 145.8 x 445 mm
<b>Built-in dimensions [W x D]</b>	590 x 435 mm
<b>Weight</b>	5 kg
<b>Test mark</b>	CE



Gas

Integrated heat-resistant safety glass lid

Detachable pan supports – easy to clean

Stainless steel burner caps

Tap fitting inside

Safety ignition system

### Dometic CRAMER KOMBI 840x436-DF-HI/21-I-2G

3-burner hob/sink combination with glass lids



<b>Power rating</b>	4.8 kW
<b>Gas consumption</b>	350 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Number of burners</b>	3
<b>Quality features</b>	2 integrated heat-resistant safety glass lids, detachable chromed pan supports, stainless steel burner cap, tap fitting inside, safety ignition system, recessed controls, siphon, rubber seal, supplied with hole for tap [Ø 21 mm]
<b>Dimensions [W x H x D]</b>	840 x 147 x 436 mm
<b>Built-in dimensions [W x D]</b>	820 x 392 mm
<b>Weight</b>	6.1 kg
<b>Test mark</b>	CE

Product	Ref. No.
Dometic CRAMER CE00-MINI/BO-HI/27-I-G	9103300461
Dometic CRAMER KOMBI 840x436-DF-HI/21-I-2G	9103300482

Taps not included!

# Cooking and washing up in all variations

If you want to save on space without compromising on quality, then SMEV and Dometic CRAMER have an intelligent solution at hand. For example, solutions combining double-burner hobs and a sink. Made from sturdy stainless steel, compact in design, and easy to clean.

## SMEV MO911L

2-burner hob/sink combination



<b>Power rating</b>	2.8 kW
<b>Gas consumption</b>	204 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Number of burners</b>	2
<b>Quality features</b>	Detachable chromed pan support, enamelled burner caps, recessed controls, safety ignition system, AC 540 siphon, rubber seal
<b>Dimensions [W x H x D]</b>	800 x 125 x 320 mm
<b>Built-in dimensions [W x D]</b>	766 x 286 mm
<b>Weight</b>	3.1 kg
<b>Test mark</b>	CE

## SMEV MO917R / MO917L

2-burner hob/sink combination



MO917R

<b>Power rating</b>	2.8 kW
<b>Gas consumption</b>	204 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Number of burners</b>	2
<b>Quality features</b>	Detachable chromed pan support, stainless steel burner caps, recessed controls, safety ignition system, AC 540 siphon, rubber seal
<b>Dimensions [W x H x D]</b>	600 x 120 x 420 mm
<b>Built-in dimensions [W x D]</b>	566 x 386 mm
<b>Weight</b>	2.5 kg
<b>Test mark</b>	CE

## SMEV MO921R / MO921L

2-burner hob/sink combination



MO921L

<b>Power rating</b>	2.8 kW
<b>Gas consumption</b>	204 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Number of burners</b>	2
<b>Quality features</b>	Detachable chromed pan support, stainless steel burner caps, recessed controls, safety ignition system, AC 540 siphon, rubber seal
<b>Dimensions [W x H x D]</b>	800 x 135 x 420 mm
<b>Built-in dimensions [W x D]</b>	798 x 418 mm
<b>Weight</b>	3.2 kg
<b>Test mark</b>	CE

Product	Ref. No.
SMEV MO911L	9102300044
SMEV MO917R	9102300046
SMEV MO917L	9102300045
SMEV MO921R	9102300047
SMEV MO921L	9102300048
<b>Optional extras</b>	
Tap fitting AC 539 [Plastic, colour: chrome]	9102300076
Tap fitting AC 537 [Brass, colour: chrome]	9102300077

3.38



Gas

Detachable pan support – easy to clean

Enamelled burner caps

Safety ignition system

Siphon

Tap fitting outside



AC 539, plastic



AC 537, brass

Taps not included!

### SMEV MO927R / MO927L

2-burner hob/sink combination

3.38



MO927R



MO927L

<b>Power rating</b>	2.8 kW
<b>Gas consumption</b>	204 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Number of burners</b>	2
<b>Quality features</b>	Detachable chromed pan support, stainless steel burner caps, recessed controls, safety ignition system, AC 540 siphon, rubber seal
<b>Dimensions [W x H x D]</b>	490 x 120 x 460 mm
<b>Built-in dimensions [W x D]</b>	456 x 426 mm
<b>Weight</b>	2.5 kg
<b>Test mark</b>	CE



Gas

Detachable pan support – easy to clean

Enamelled burner caps

Safety ignition system

Siphon

Tap fitting outside



AC 539, plastic



AC 537, brass

### Dometic CRAMER CM EK2000-I

2-burner hob/sink combination

3.37



<b>Power rating</b>	3.2 kW
<b>Gas consumption</b>	233 g/h
<b>Gas supply pressure</b>	30 mbar
<b>Number of burners</b>	2
<b>Quality features</b>	Detachable chromed pan supports, stainless steel burner cap, tap fitting outside, safety ignition systems, controls fitted outside, siphon, rubber seal
<b>Dimensions [W x H x D]</b>	460 x 124 x 480 mm
<b>Built-in dimensions [W x D]</b>	440 x 460 mm
<b>Weight</b>	4.2 kg
<b>Test mark</b>	CE



Gas

Detachable pan supports – easy to clean

Stainless steel burner caps

Safety ignition system

Siphon

Tap fitting outside



AC 539, plastic



AC 537, brass

Product	Ref. No.
SMEV MO927R	9102300050
SMEV MO927L	9102300049
Dometic CRAMER CM EK2000-I	9103300450
<b>Optional extras</b>	
Tap AC 539 [Plastic, colour: chrome]	9102300076
Tap AC 537 [Brass, colour: chrome]	9102300077

Taps not included!

# Washing up under cover

The wide product selection makes it easy to find the optimum solution for your installation needs: round or square, sinks in various dimensions, all of them compact. With a practical glass lid which is simply folded down after washing up, providing additional workspace. All sinks are supplied complete with siphon and rubber seal.



## SMEV VA7306FP

Round sink with glass lid

3.38



<b>Quality features</b>	Integrated heat-resistant safety glass lid, tap fitting inside, AC 540 siphon, rubber seal, supplied with hole for tap [Ø 39 mm]
<b>Dimensions [Ø x H]</b>	420 x 148 mm
<b>Built-in dimensions [Ø]</b>	400 mm
<b>Weight</b>	3.4 kg

**Integrated heat-resistant safety glass lid**

**Tap fitting inside**

**Siphon**

**Rubber seal**

## SMEV VA8005

Square sink with glass lid



<b>Quality features</b>	Integrated heat-resistant safety glass lid, tap fitting inside, AC 540 siphon, rubber seal, supplied with hole for tap [Ø 39 mm]
<b>Dimensions [W x H x D]</b>	420 x 145 x 370 mm
<b>Built-in dimensions [W x D]</b>	405 x 355 mm
<b>Weight</b>	2.7 kg

## SMEV VA8006

Square sink with glass lid



<b>Quality features</b>	Integrated heat-resistant safety glass lid, tap fitting inside, AC 540 siphon, rubber seal, supplied with hole for tap [Ø 39 mm]
<b>Dimensions [W x H x D]</b>	420 x 145 x 440 mm
<b>Built-in dimensions [W x D]</b>	405 x 425 mm
<b>Weight</b>	3.4 kg

Product	Ref. No.
SMEV VA7306FP	9102300030
SMEV VA8005	9102300027
SMEV VA8006	9102300028
Tap fitting AC 539 [Plastic, colour: chrome]	9102300076



AC 539, plastic

**Taps not included!**

**Dometic CRAMER CE99 B410L-I-G**

Square sink with glass lid



<b>Quality features</b>	Integrated heat-resistant safety glass lid, tap fitting outside, siphon, rubber seal
<b>Dimensions [W x H x D]</b>	410 x 125 x 335 mm
<b>Built-in dimensions [W x D]</b>	400 x 325 mm
<b>Weight</b>	3.3 kg

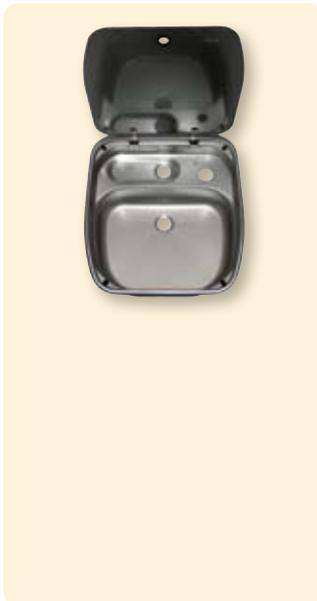
**Integrated heat-resistant safety glass lid**

**Siphon**

**Rubber seal**

**Dometic CRAMER CE99 B-HI/27-I-G**

Square sink with glass lid



<b>Quality features</b>	Integrated heat-resistant safety glass lid, integrated waste tray, tap fitting inside, siphon, rubber seal, supplied with hole for tap [Ø 39 mm]
<b>Dimensions [W x H x D]</b>	400 x 150.7 x 445 mm
<b>Built-in dimensions [W x D]</b>	390 x 435 mm
<b>Weight</b>	4.1 kg

**Dometic CRAMER CE99 BTK600/HI/27-I-G**

Sink/drainer combination, with glass lid



<b>Quality features</b>	Integrated heat-resistant safety glass lid, integrated waste tray, tap fitting inside, siphon, rubber seal, supplied with hole for tap [Ø 39 mm]
<b>Dimensions [W x H x D]</b>	600 x 136 x 445 mm
<b>Built-in dimensions [W x D]</b>	590 x 435 mm
<b>Weight</b>	5.1 kg

Product	Ref. No.
Dometic CRAMER CE99 B410L-I-G	9103300433
Dometic CRAMER CE99 B-HI/27-I-G	9103300424
Dometic CRAMER CE99 BTK600/HI/27-I-G	9103300427

**Taps not included!**

# Keeping it clean on board!

Rinsing, washing, disposing of waste – that needn't be a hassle when you're on the move. The SMEV and Dometic CRAMER sinks are practical and affordable solutions to complement your kitchen fittings. Waste trays, sinks and washbowls – all products feature hard-wearing material and refined functionality.

## SMEV VA928

Round sink



<b>Quality features</b>	AC 540 siphon, rubber seal
<b>Dimensions [Ø x H]</b>	400 x 130 mm
<b>Built-in dimensions [Ø]</b>	366 mm
<b>Weight</b>	1 kg

## SMEV VA910

Square sink



<b>Quality features</b>	AC 540 siphon, rubber seal
<b>Dimensions [W x H x D]</b>	370 x 125 x 370 mm
<b>Built-in dimensions [W x D]</b>	336 x 336 mm
<b>Weight</b>	1.1 kg

## SMEV VA930

Square sink



<b>Quality features</b>	AC 540 siphon, rubber seal
<b>Dimensions [W x H x D]</b>	280 x 145 x 380 mm
<b>Built-in dimensions [W x D]</b>	272 x 372 mm
<b>Weight</b>	1 kg

## SMEV VA936

Square sink with drainer



<b>Quality features</b>	AC 540 siphon, rubber seal, drainer
<b>Dimensions [W x H x D]</b>	590 x 125 x 370 mm
<b>Built-in dimensions [W x D]</b>	562 x 344 mm
<b>Weight</b>	1.5 kg

## SMEV VA945

Square double sink



<b>Quality features</b>	2 AC 540 siphons, rubber seal
<b>Dimensions [W x H x D]</b>	575 x 100 – 110 x 370 mm
<b>Built-in dimensions [W x D]</b>	541 x 340 mm
<b>Weight</b>	1.9 kg

Product	Ref. No.
SMEV VA928	9102300051
SMEV VA910	9102300056
SMEV VA930	9102300052
SMEV VA936	9102300054
SMEV VA945	9102300055
<b>Optional extras</b>	
Tap AC 539 [Plastic, colour: chrome]	9102300076
Tap AC 537 [Brass, colour: chrome]	9102300077

**3.38**

**Siphon**

**Rubber seal**



AC 539, plastic



AC 537, brass

**Taps not included!**

### Dometic CRAMER CE02 B325-I

Round sink



Quality features	Siphon, rubber seal
Dimensions [Ø x H]	325 x 125.5 mm
Built-in dimensions [Ø]	298 mm
Weight	1.2 kg

### Dometic CRAMER CE09

Round washbowl



Quality features	Siphon, rubber seal
Dimensions [W x H x D]	442.8 x 132.5 x 292.4 mm
Built-in dimensions [W x D]	417.35 x 265.45 mm
Weight	0.6 kg

### Dometic CRAMER CE88-B-I

Square sink



Quality features	Siphon, rubber seal
Dimensions [W x H x D]	400 x 124 x 325 mm
Built-in dimensions [W x D]	370 x 295 mm
Weight	1.7 kg

### Dometic CRAMER CE88 BTK550-I BVO/98

Sink/drain combination



Quality features	Siphon, rubber seal
Dimensions [W x H x D]	550 x 134 x 400 mm
Built-in dimensions [W x D]	530 x 380 mm
Weight	2.6 kg

### Dometic CRAMER waste bin with glass lid



Quality features	Integrated heat-resistant safety glass lid, removable bin, 2-litre capacity
Dimensions [W x H x D]	182 x 200 x 192 mm
Built-in dimensions [W x D]	172 x 182 mm
Weight	0.8 kg

Product	Ref. No.
Dometic CRAMER CE02 B325-I	9103300470
Dometic CRAMER CE09	9103300478
Dometic CRAMER CE88-B-I	9103300418
Dometic CRAMER CE88 BTK550-I BVO/98	9103300413
Dometic CRAMER waste bin with glass lid	9103300435
<b>Optional extras</b>	
Tap AC 539 [Plastic, colour: chrome]	9102300076
Tap AC 537 [Brass, colour: chrome]	9102300077

Siphon

Rubber seal



AC 539, plastic



AC 537, brass

Taps not included!

Integrated heat-resistant safety glass lid

## Optional extras

The perfect symbiosis of technology and accessories makes life in the galley much easier. The dimensions and shape of cutting boards, drainers and grill pans have been designed with SMEV appliances in mind and slot in precisely to make cooking a joy! The sink taps have also been designed with the needs of galley cooking in mind: robust, compact and easy to use.

### Taps

3.38



Tap, plastic, colour: chrome	AC 539
Tap, brass, colour: chrome	AC 537

### Siphons



Siphon, angled waste fitting, Ø 25 mm	AC 530
Siphon, straight waste fitting, Ø 25 mm	AC 535
Siphon, angled waste fitting, Ø 20 mm	AC 540
Siphon, straight waste fitting, Ø 20 mm	AC 545
Siphon, double waste fitting, Ø 25 mm	AC 557

Product	Ref. No.
Tap AC 539, plastic, colour: chrome	9102300076
Tap AC 537, brass, colour: chrome	9102300077
Siphon, angled waste fitting, Ø 25 mm, AC 530	9102300082
Siphon, straight waste fitting, Ø 25 mm, AC 535	9102300083
Siphon, angled waste fitting, Ø 20 mm, AC 540	9102300084
Siphon, straight waste fitting, Ø 20 mm, AC 545	9102300085
Siphon, double waste fitting, Ø 25 mm, AC 557	9102300086



### Cutting boards

3.38



Cutting board – round	AC 570
Dimensions [Ø]	388 mm
Cutting board – square	AC 571
Dimensions [W x D]	328 x 328 mm

### Drainer grid



Drainer grid 1	AC 701
Dimensions [W x H x D]	300 x 100 x 300 mm
Drainer grid 2	AC 702
Dimensions [W x H x D]	330 x 60 x 230 mm

### Grill pan



Grill pan	AC 700
Dimensions [W x D]	260 x 260 mm [without handle]

Product	Ref. No.
Cutting board, round, AC 570	9102300071
Cutting board, square, AC 571	9102300072
Drainer grid 1, AC 701	9102300073
Drainer grid 2, AC 702	9102300074
Grill pan, AC 700	9102300075



# Intelligent design for top performance

The air recirculation cooker hoods in the Dometic CK series quickly draw cooking fumes, odours and moist air out of the cabin. The compact fan, which is equipped with a 12-volt motor, is integrated into the roof dome and not into the unit itself. This design ensures a better airflow and a better performance. The external connection consists of a flexible pipe and a weather-proof cap which is installed on the roof of the caravan. The built-in Dometic CK 150 model features a 1-level fan with a capacity of 115 m<sup>3</sup>/h, the CK 400 works with a 2-level fan [70 or 125 m<sup>3</sup>/h]. Both models feature 2-level lighting with integrated halogen lamps for extra comfort and convenience.

## Dometic CK 150

Built-in exhaust air recirculation cooker hood with 1-speed fan



<b>Voltage</b>	12 volts DC
<b>Capacity</b>	115 m <sup>3</sup> /h
<b>Power input</b>	30 watts
<b>Quality features</b>	1-speed fan, washable metal grease filter, 2-level lighting with halogen lamps [1 x 20 watts / 12 volts, GU5.3], robust plastic roof dome
<b>Dimensions [W x H x D]</b>	400 x 45 x 165 mm
<b>Cupboard recess [W x D]</b>	381 x 142 mm
<b>Roof opening [Ø]</b>	105 mm
<b>Roof dome dimensions [H x Ø]</b>	64 x 200 mm
<b>Weight</b>	1.9 kg
<b>Test marks</b>	CE, e5

**3.36**
**NEW**

Washable metal filter

Robust plastic roof dome

2-level lighting

## Dometic CK 400

Exhaust air recirculation cooker hood with 2-speed fan



<b>Voltage</b>	12 volts DC
<b>Capacity</b>	70/125 m <sup>3</sup> /h
<b>Power input</b>	30 watts
<b>Quality features</b>	2-speed fan, washable metal grease filter, 2-level lighting with halogen lamps [2 x 10 watts / 12 volts, GU4], robust plastic roof dome
<b>Dimensions [W x H x D]</b>	400 x 45 x 275 mm
<b>Roof opening [Ø]</b>	105 mm
<b>Roof dome dimensions [H x Ø]</b>	64 x 200 mm
<b>Weight</b>	3 kg
<b>Test marks</b>	CE, e5

**3.36**

Washable metal grease filter

2-speed fan

Two integrated halogen lights

Robust plastic roof dome

## Dometic GY 11 / GY 20

Roof ventilation with or without motor



	GY 11	GY 20
<b>Voltage</b>	12 volts DC	–
<b>Capacity</b>	65/105 m <sup>3</sup> /h	–
<b>Power input</b>	30 watts	–
<b>Quality features</b>	GY 11: 2-speed fan, powerful ventilation even when the engine is turned off [3 to 12 m <sup>3</sup> /h at wind speed of 1 to 4 m/s] GY 20: Uses the differential pressure principle; efficient and noiseless operation without moving parts	
<b>Roof opening [Ø]</b>	105 mm	130 mm
<b>Roof dome dimensions [H x Ø]</b>	64 x 200 mm	64 x 200 mm
<b>Weight</b>	0.6 kg	0.4 kg

**3.36**
**NEW**

High-performance

Robust plastic roof dome

Product	Ref. No.
Dometic CK 150	9107300000
Dometic CK 400	9107300001
Dometic GY 11	9107300003
Dometic GY 20	9107300004

# Innovative air recirculation cooker hood

**Forget about cooking fumes, heat build-up, condensation and installation hassle!** Dometic CK2000 is the world's first motorhome cooker hood to use the principle of air recirculation, so there's no need to install a roof ventilator. Cooking fumes are drawn upwards along the centre line of the unit, then the cleaned air is returned via the sides to the front. This creates an air-dome that stops fumes escaping and ensures a good suction performance [38/45 m<sup>3</sup>/h]. Moreover, the patent-pending appliance is extremely efficient at a power consumption of only 5 watts. The Dometic CK2000 comes with a washable grease filter, an easy-to-exchange activated carbon filter and two integrated work lamps for extra comfort and convenience.



## Dometic CK 2000

Air recirculation cooker hood with exchangeable activated carbon filter

3.36



<b>Voltage</b>	12 volts DC
<b>Capacity</b>	38/45 m <sup>3</sup> /h
<b>Power input</b>	5 watts
<b>Quality features</b>	2-level fan, 2 integrated halogen lamps [2 x 10 watts/12 volts, GU4], 2 lighting levels, washable metal grease filter, exchangeable active carbon filter, 2-level fan
<b>Dimensions [W x H x D]</b>	400 x 56 x 280 mm
<b>Weight</b>	2.2 kg
<b>Test mark</b>	CE



12 volts DC

**Fast and simple installation, no need to lay ventilation hoses!**

**Washable metal grease filter, easy-to-exchange carbon filter**

**Easy access to grease filter and carbon filter**

**Two-speed fan, two integrated halogen lights**

**Low weight of only 2.2 kg**

Product	Ref. No.
Dometic CK 2000	9107300002
<b>Optinal extra</b> Active carbon filter [2-pack]	9107300007



Two integrated halogen lights



Exchangeable activated carbon filter



Washable metal grease filter



## No more cups rattling around

You don't fancy doing the dishes by hand when you're on holiday? Don't worry, your Dometic dishwasher does them for you - easily and quietly. Its innovative Carboran housing is light and sound-absorbing, which makes for surprisingly low-noise operation. Moreover, Carboran is absolutely rust-proof and 100% recyclable.

The free-standing Dometic dishwashers feature practical technical advantages: up to four individual programs and the efficient **WBS spray arm [wide-band spray system]** ensure fast and thorough cleaning. The units

excel with their low water and energy consumption and are therefore environmentally friendly.



Easy operation with timer function



Uses commonly available dishwasher tabs

**Dometic DW 2440S / DW 2440W**

230-volt dishwasher for free-standing use

**3.40**

DW 2440S



DW 2440W

	DW 2440S	DW 2440W
<b>Voltage</b>	230 volts AC	230 volts AC
<b>Temperature levels</b>	50/55/65/70 °C	50/55/65/70 °C
<b>Power consumption</b>	0.63 kWh	0.63 kWh
<b>Power input</b>	1180 watts	1180 watts
<b>Fuse</b>	10 A	10 A
<b>Noise level</b>	48 dBA	48 dBA
<b>Frequency</b>	50 Hz	50 Hz
<b>Water consumption</b>	7 litres	7 litres
<b>Energy efficiency class</b>	A	A
<b>Drying performance class</b>	B	B
<b>Required water pressure</b>	0.8 bar	0.8 bar
<b>Colour</b>	Silver	White
<b>Dimensions [W x H x D]</b>	545 x 447 x 480 mm	545 x 447 x 480 mm
<b>Weight</b>	20.7 kg	20.7 kg
<b>Quality features</b>	Innovative wide-band spray system, noise-insulated stainless steel and recyclable Carboran housing, automatic filter cleaning system, very low water and power consumption, switch-on delay	

**Minimal weight:  
just 20.7 kg****Equipped with the  
innovative WBS spray  
arm [wide-band  
spray system]****Automatic filter  
cleaning system****Low water and power  
consumption****Including a timer  
function****Available in two colours****Dometic DW 2410**

230-volt dishwasher for free-standing use

**3.40**

<b>Voltage</b>	230 volts DC
<b>Frequency</b>	50 Hz
<b>Temperature levels</b>	40/50/55/65/70 °C
<b>Power consumption</b>	0.57 kWh
<b>Power input</b>	1280 watts
<b>Fuse</b>	10 A
<b>Noise level</b>	57 dBA
<b>Water consumption</b>	8 litres
<b>Energy efficiency class</b>	A
<b>Drying performance class</b>	B
<b>Required water pressure</b>	0.8 bar
<b>Colour</b>	White
<b>Dimensions [W x H x D]</b>	450 x 460 x 480 mm
<b>Weight</b>	16.5 kg
<b>Quality features</b>	Low in weight, innovative wide-band spray system, noise-insulated stainless steel and recyclable Carboran housing, low water and power consumption, switch-on delay
<b>Approvals</b>	CE

**NEW****Very light: just 16.5 kg****Equipped with the  
innovative WBS spray  
arm [wide-band  
spray system]****Automatic filter  
cleaning system****Low water and power  
consumption****Compact dimensions****The compact  
class****Attention:** Not suitable for use in the UK

Product	Ref. No.
Dometic DW 2440S	9102300080
Dometic DW 2440W	9102300081
Dometic DW 2410	9103500001



## Relaxed breaks in a kitchen of your own

Comfort where and when you need it

**Something hot is what you need:** this handy kettle, especially designed for operation in vehicles, provides you with a pot of tea, a cup of coffee or a mug of soup in no time at all. The robust gadget is available in

two versions for 12-volt and 24-volt operation. The automatic cut-off function stops it from overheating when empty and ensures safe and comfortable handling. An indispensable helper on board!



### WAECO PerfectKitchen MCK 750

Car-Kettle for 12 or 24 volts

3.14



<b>Capacity approx.</b>	0.75 litres
<b>Voltage</b>	12 or 24 volts DC
<b>Average power consumption</b>	12 volts: 200 watts, 24 volts: 380 watts
<b>Colour</b>	Black/silver
<b>Dimensions (W x H x D)</b>	190 x 205 x 125 mm (incl. fixing kit)
<b>Weight</b>	0.8 kg
<b>Quality features</b>	Robust relay technology, switches off automatically when the boiling temperature has been reached, or when there's no water in the kettle, status indication
<b>Test marks</b>	e-approved (Automotive EMC Directive), complies with German Foodstuff and Consumer Goods Act (LMBG)
<b>Scope of delivery</b>	Fixing kit for wall or desk mounting

Tailor-made for mobile use

Robust relay technology

Wall or desk mounting

Product	Ref. No.
PerfectKitchen MCK 750, 12 volts	MCK-750-12/N
PerfectKitchen MCK 750, 24 volts	MCK-750-24/N



## Freshly brewed coffee – anytime, anywhere

WAECO PerfectCoffee for 12 or 24 volts

**The WAECO PerfectCoffee range includes** coffee-makers for all requirements and budgets. Regardless of whether you opt for the 8-cup luxury model or the inexpensive 1-cup brewer: you'll enjoy great coffee when you need it most!

- › Available as a **12-volt** or **24-volt** model
- › Designed **for mobile use**
- › With **fixing kit** for a firm hold in the vehicle
- › **Automatic cut-off after brewing** or **overheat protection**
- › **E-approved** and **food-safe according to the German Foodstuff and Consumer Goods Act (LMBG)**



**WAECO PerfectCoffee MC08**

Coffee-Maker de Luxe, 8 cups, 12 volts or 24 volts

**3.13**

<b>Capacity</b>	8 cups (750 ml)
<b>Voltage</b>	12 or 24 volts DC
<b>Average power consumption</b>	12 volts: 200 watts, 24 volts: 360 watts
<b>Colour</b>	Black / silver
<b>Dimensions (W x H x D)</b>	285 x 320 x 100 mm
<b>Weight</b>	1.8 kg
<b>Quality features</b>	Slim, space-saving design, removable water tank, water level indicator, robust relay technology, LED status indication, cut-off after brewing
<b>Test marks</b>	E-approved (Automotive EMC Directive), food-safe according to the German Foodstuff and Consumer Goods Act (LMBG)

**Automatic cut-off after brewing****Convenient operation****Removable water tank****Robust relay technology****Wall or desk mounting****Scope of delivery:** Insulated pot, fixing kit for wall or desk mounting

Product	Ref. No.
PerfectCoffee MC08, 12 volts	MC-8-12LX/N
PerfectCoffee MC08, 24 volts	MC-8-24LX/N

**WAECO PerfectCoffee MC01**

Coffee-Maker, 1-cup, 12 volts or 24 volts

**3.13****Price hit!**

<b>Capacity</b>	150 ml
<b>Voltage</b>	12 or 24 volts DC
<b>Average power consumption</b>	12 volts: 180 watts, 24 volts: 250 watts
<b>Current consumption</b>	approx. 15 A
<b>Colour</b>	Silver / black
<b>Dimensions (W x H x D)</b>	135 x 190 x 110 mm (incl. fixing kit)
<b>Weight</b>	0.8 kg
<b>Quality features</b>	Short brewing time, automatic cut-off, switches off automatically when there's no water in the tank, permanent filter, status indicator
<b>Test marks</b>	Food-safe according to the German Foodstuff and Consumer Goods Act (LMBG), CE

**Fixing kit for wall or desk mounting****Freshly brewed coffee ready in 5 minutes****For cars, trucks, caravans or boats****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





# Mobile sanitation solutions

Cassette toilets

242 – 245

**Portable toilets**

**246 – 247**

Dometic Care sanitation fluids, toilet paper

248 – 251



## Our experience, for your comfort

### The Dometic sanitation system for recreational vehicles

Combining perfectly matching components, the comfort specialist Dometic offers you the ideal solution for mobile hygiene. Well-engineered, portable toilets and innovative sanitation fluids add up to a comfort-enhanced system for undiminished holiday enjoyment. Based on advanced technology and unique formulas, Dometic proves the advantages of its know-how. Reap the benefits of decades of research and development: exemplary hygiene and freshness, free from unpleasant odours and very easy to clean.

**Experience perfect mobile comfort and hygiene – with system solutions by Dometic.**

## Ceramic cassette toilet

With high-grade, scratch-resistant ceramic inlay – stain-repellent and easy to clean. The space-saving round seat – revolving up to 90° in both directions (in 15° steps) – gives you more room in the bathroom. A new caddy tank on wheels facilitates waste removal. This high-quality toilet is also available with a flush water tank (CTW 3110).

**Pages 242 – 245**

## Portable toilets

The 970 series is particularly space-saving and easy to handle. The strong 360° pressure flush with push-button control ensures effective and powerful cleaning. Special vented outlets allow for quick and easy tank discharge.

**Pages 246 – 247**

### Dometic CT 3000 Series

### Dometic 970 Series



CTS 3110



CTW 3110 with flush water tank



972

976

## Dometic Care hygiene system

**Pages 248 – 251**

Supreme efficiency and environmental compatibility are the hallmarks of Dometic Care sanitation fluids. They improve hygiene and create a fresh smell inside your recreational vehicle. Enjoy more comfort and well-being in your mobile life.

### Dometic Care



SpecialCare



PowerCare



PowerCare Tabs



TankCare



QualityCare



ExtraCare



ComfortCare

Also a huge success in the original equipment. Refer to the reference list of the Dometic CT 3000 range.



**Scratch-resistant ceramic inlay**  
for particularly easy cleaning and total hygiene

**Low in weight**

Weighs up to 30% less than a solid ceramic toilet

**90° revolving seat**

Seat revolving in both directions up to 90° [in 15° steps]

**Problem-free replacement**

Easily replaces an existing toilet



## Luxury on site: CT 3000 series with ceramic inlay

The new cassette-type toilet with its high-grade scratch-resistant ceramic inlay is the result of decades of Dometic experience. In the USA, Dometic has been supplying toilets since the sixties, and the CT 3000 is the prime choice of leading manufacturers in the recreational vehicle original equipment sector.



## ■ Scratch-resistant ceramic inlay

New toilet bowl design with scratch-resistant ceramic inlay, stain-repellent and easy to clean. Comfortable and aesthetically pleasing.



## ■ Space-saving seat

Innovative space-saving concept: 8 cm less depth than comparable products. More room in the bathroom.



## ■ 90° adjustable seat

The seat can be adjusted [in 15° steps] up to 90° in both directions. This gives more flexibility in confined spaces.



## ■ Locker door included in the set

Each CT 3000 is supplied with the SK5 locker door, which provides convenient access to the caddy tank.



## ■ Caddy tank

Caddy tank [19 l] with telescopic handle and large, easy-running wheels for convenient transport to the disposal area. Pivoting spout facilitates tank discharge.



## ■ Control panel with level indicator

Everything under control: the indicator light warns you in good time before the tank level reaches the maximum level.

## ■ With or without flush water tank

For vehicles without water supply the CTW 3110 toilet can be supplied with an integrated flush water tank. The tank has a capacity of 7 litres and is easy to fill.



**Plus integrated flush water tank**

Dometic CTW 3110



## CT 3000 series: prepared for SOG exhaust system

Unpleasant odours can easily become a problem in the small sanitary cabin of a campervan. This problem is efficiently solved with the SOG toilet ventilation system. It provides cleaner, fresher air by exhausting odorous gases to the outside via flexible tubing.

Both CT 3000 models are prepared for installation of the SOG system so that it can be retrofitted with ease.



### Dometic SK5 locker door

- **Made of weather-resistant ASA material**
- **With inside hinges and multi-point locking device**
- **Prepared drill hole for ventilation**
- **Installation without screws**
- **Integrated ventilation for Dometic cassette toilets**
- **Supplied as standard with each CT 3000-series toilet**



### Dometic CTS 3110

Cassette toilet with high-grade, scratch-resistant ceramic inlay

7.01



CTS 3110	
Waste tank capacity	19 litres
Colour	White
Dimensions [WxHxD]	382 x 672 x 530 mm
Weight	12.0 kg
Voltage	12 V DC
Current consumption	5 A max. with external pump
Quality features	Tank with wheels for convenient transport and discharge, tank level indicator, visual warning signal when the tank has been removed, caddy tank with sturdy, double-strut telescopic handle, large and comfortable seat

Functional and aesthetic – comfort on the move

Easily replaces an existing toilet

With or without flush water tank

Weights up to 30% less than a solid ceramic toilet

Product	Ref. No.
Dometic CTS 3110	9107100037
Optional extra Spare cassette	9107100039

### Dometic CTW 3110

Cassette toilet with high-grade, scratch-resistant ceramic inlay and integrated flush water tank



CTW 3110 with integrated flush water tank	
Waste tank capacity	19 litres
Flush water tank capacity	7 litres
Colour	White
Dimensions [WxHxD]	382 x 672 x 530 mm
Weight	12.5 kg
Voltage	12 V DC
Current consumption	2 A max. with internal pump
Quality features	Tanks with wheels for convenient transport and discharge, tank level indicator, visual warning signal when the tank has been removed, caddy tank with sturdy, double-strut telescopic handle, large and comfortable seat

Product	Ref. No.
Dometic CTW 3110	9107100038
Optional extra Spare cassette	9107100039





## Home-like comfort: the 970 series

**Small, but a big performer:** handy and space-saving, the 970 series adds hygienic comfort to your recreational vehicle. Many sensible functions are contained in the smallest possible space to ensure you can enjoy home-like comfort when travelling.

- Portable toilet in two sizes and two colours
- Push-button control for powerful flushing with less pumping

- Extra-strong 360° pressure flush for effective cleaning
- 8.7-litre flush water tank – sufficient for 27 flushes
- Safety through overflow protection and tank level indicator
- Ingenious disposal system: extra-long, pivoting spout and vent openings for clean, splash-free discharge
- Useful accessories: spare tanks, fixing kit

### A firm hold on hygiene

Build up air pressure



Pull out handle



Push once



Convenient discharge



## Dometic 970 series

Space-saving portable toilets with 360° pressurised flush

7.01



Dometic 972



Dometic 976

	972
Flush water tank capacity	8.7 litres
Waste tank capacity	9.8 litres
Material	ABS
Colour	White/beige or white/grey
Dimensions [WxHxD]	333 x 317 x 387 mm
Weight	5.4 kg
	976
Flush water tank capacity	8.7 litres
Waste tank capacity	18.9 litres
Material	ABS
Colour	White/beige or white/grey
Dimensions [WxHxD]	333 x 387 x 387 mm
Weight	5.9 kg

Product	Ref. No.
Dometic 972, white/beige	9108557678
Dometic 972, white/grey	9108557679
Dometic 976, white/beige	9108557680
Dometic 976, white/grey	9108557681

8.7-litre flush water tank – sufficient for 27 flushes

Extra-strong 360° pressurised flush for effective cleaning

Tank level indicator

Attractive design

## Accessories for Dometic 970 series

Spare tanks

7.01



DTK972 / DTK976 Spare tanks

	DTK972	DTK976
Waste holding tank capacity	9.8 litres	18.9 litres
Material	ABS	ABS
Colour	Grey	grey
Dimensions [WxHxD]	333 x 190 x 387 mm	333 x 270 x 387 mm
Weight	1.8 kg	2.3 kg

Product	Ref. No.
Dometic DTK972	9107100030
Dometic DTK976	9107100031

Ideal for use as standby holding tank

Fixing kit



Fixing kit

For easy and safe installation

Product	Ref. No.
Fixing kit for 970 series	9108559158






**NEW**

**PowerCare TABS**

HOLDING TANK ADDITIVE

Strong  
Winterproof  
Effective

Fresh fragrance

13 pieces

- Tabs in soluble films
- Convenient dosing
- 1 tab is sufficient per tank [20 l]
- Breaks down waste into liquid to facilitate disposal
- Remains effective after freezing and thawing

## The unique **Dometic Care** hygiene system for your mobile toilet

The **Dometic Care** product range is synonymous with cleanliness in every micro pore and the result of innovative research. Perfectly compatible products for the removal of stains and toilet odours – as effective as necessary, as gentle on the environment as possible and completely user-friendly in the process. For instance, the brand new unique **Dometic PowerCare Tabs** for the waste holding tank: simply add these ready-to-use tabs as they are with the soluble films.



SpecialCare



PowerCare



ExtraCare

## Dometic Care

7.03

**Dometic SpecialCare**

**Ecologically compatible additive for the waste holding tank.  
Waste can be disposed at almost every campsite.**

- Outstanding odour protection
- Facilitates waste storage and discharge
- Eco-friendly – awarded with ecological hallmark
- Remains effective after freezing and thawing
- Pleasant, fresh scent

**Content** 1.5 litre

Total hygiene for your mobile toilet

Extremely pleasant and fresh smell

Economical dosing

Handy bottle sizes with level markings

**Dometic PowerCare**

**Highly-effective additive for the waste holding tank.  
Breaks down waste into liquid and prevents unpleasant odours.**

- **New improved formula**
- Prevents the emergence of gas and unpleasant odours in the holding tank
- Breaks down waste into liquid to facilitate disposal
- Remains effective after freezing and thawing
- Indispensable for winter campers
- Simple dosing with measuring strip

**Content** 1.5 litre

**Dometic PowerCare Tabs**

**Highly-effective additive for the waste holding tank.  
Breaks down waste into liquid and prevents unpleasant odours.**

- Tabs in soluble film
- Prevents the emergence of gas and unpleasant odours in the holding tank
- Convenient dosing
- 1 tab sufficient per tank (20 l)
- Breaks down waste into liquid to facilitate disposal
- Remains effective after freezing and thawing
- Indispensable for winter campers
- Easy to use

**Content** 16 tabs



Easy to use

**Dometic ExtraCare**

**Fluid additive for the flush water tank.  
Can be used on its own or in combination with other Dometic sanitation products.**

- Creates a smoother flush
- Cleans and protects
- Reduces the build-up of scale
- Prevents stains and scaling
- Protects the rubber seals
- Micro-thin protective layer facilitates cleaning of the toilet bowl
- Integrated deodoriser adds a pleasant fragrance

**Content** 1.5 litre

Product	Ref. No.
Dometic SpecialCare, 1.5 l	9107200032
Dometic PowerCare, 1.5 l	9107200025
Dometic PowerCare Tabs, 16 pieces.	9107200046
Dometic ExtraCare, 1.5 l	9107200018



- Fast-soluble to prevent blockages
- 2-ply
- Extra-soft
- Facilitates the discharge of the waste holding tank

## A great feeling: cleanliness and freshness for your mobile toilet

Compromise on hygiene just because you're on the move? No way! Especially because of the confined space in a recreational vehicle. Three products from the Dometic Care range will turn your mobile toilet into a real calling card. The powerful **Dometic QualityCare** cleaning products ensure outstanding cleanliness. **Dometic TankCare** works to clean your waste holding tank. This highly-efficient additive removes deposits on the inner walls or components and should be used regularly. The new **Dometic toilet paper is easily-soluble, soft and environmentally-friendly.**



## Dometic QualityCare

7.03



### Dometic QualityCare

**Highly-effective toilet bowl cleaner. Ideal for china and ceramics, but also for plastic and fibre glass.**

- Efficient cleaning, brilliant results
- Quickly removes stains and scaling from the toilet bowl
- Creamy consistency, adheres to the bowl
- Simply apply to the bowl and under the rim, let it work, then brush it away

**Content** 0.473 litre

Product	Ref. No.
Dometic QualityCare, 0.473 l	9107200004

Total hygiene for your mobile toilet

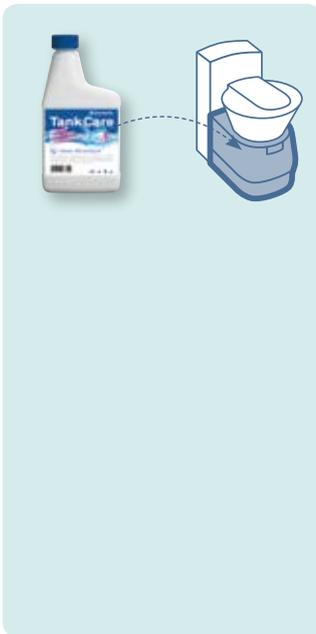
Extremely pleasant and fresh smell

Gentle cleaning

Seals the surface

## Dometic TankCare

7.03



### Dometic TankCare

**Highly-efficient additive for regular cleaning of the waste holding tank. Removes organic and inorganic scale from the tank's inner walls and components.**

- Effortless cleaning: simply add it to the tank and let it work
- Economical dosing: **only 150 ml** additive for one cleaning
- Thorough cleaning, pleasant freshness
- Removes scale deposits

**Content** 0.475 litre

Product	Ref. No.
Dometic TankCare, 0.475 l	9107200039

Economical dosing: only 150 ml additive for one cleaning

## Dometic ComfortCare

Toilet paper

7.03



### Dometic ComfortCare

**Special, fast-soluble toilet paper for the comforts of home**

- Fast-soluble to prevent blockages
- 2-ply
- Extra-soft
- Facilitates the discharge of the waste holding tank

**Content** 2 rolls

Product	Ref. No.
Dometic ComfortCare	9107200053

Specially for mobile toilets

Fast-soluble

# Everything at a glance!



- 1. Portable grills
- 2. Portable coolers
- 3. Service hatches
- 4. Windows, Hekis and accessories
- 5. Reversing video systems
- 6. Roof air conditioners

- 7. Vacuum cleaner
- 8. Toilets
- 9. Electric kettles
- 10. Ovens
- 11. Refrigerators
- 12. Roof ventilation

- 13. Cooker hoods
- 14. Cooker / sink combinations
- 15. Dishwashers
- 16. Under-bench air conditioners
- 17. Generators
- 18. Safes

- 19. Inverters
- 20. Gas detector
- 21. Roller blinds

When you go on holiday or go away for the weekend, you leave your worries behind not your comfort. High-quality branded products from Dometic, WAECO and SMEV ensure you can always bank on comfort on board, as well as a high level of safety. Travel at ease and arrive safely with accessories that have been developed especially for motorhomes and caravans. Find all the things you need from our special programme.



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Dometic RM 8501, left-hinged door	RM 8501, left-hinged door	4.28	65
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Dometic RMD 8505, right-hinged door	RMD 8505, right-hinged door	4.28	69
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