

# PROFESSIONAL COOLING

2014  
2015

New  
Smart-  
phone-App



#### Custom solutions for:

- Food processing
- Agriculture
- Commercial kitchens
- Food service / catering equipment
- Research institutes
- Pharmaceutical industry
- Veterinary vehicles
- Special vehicle construction



**INCLUDING AN EXTENSIVE RANGE OF ACCESSORIES  
FOR TEMPERATURE CONTROLLED TRANSPORT**

# Accurate and practical

## Cooling technology for temperature-controlled transport



Taking highly perishable goods safely from one place to another – no problem with mobile cooling from Dometic WAECO. Our portable coolers have stood and passed the test of practice millions of times. To meet your demanding logistics needs they are fitted with special, high-performance electronics. Whatever it is you are transporting – lab samples, specimens or perishable food – WAECO and Dometic products provide one-degree accuracy for your freight!

- All Dometic production plants are certified to ISO 9001 and ISO 14001 as well as against the EU eco audit ordinance.
- An EMAS certified company which releases all environmental results in the Dometic environmental product declarations
- All products comply with the European Union ROHS regulation
- All energy consumption information complies with the requirements of EC regulation 1060/2010

One-degree accuracy



Certified safety

Customised features





Introduction

4 – 5

### **Thermoelectrics**

Thermoelectric coolers

6 – 9

Accessories for thermoelectric coolers



10 – 11

### **Compressor technology**

Compressor coolers

12 – 19

Accessories for compressor coolers

20 – 21

### **Custom solutions**

Built-in compressor refrigerators

22 – 23

Built-in cooling device with compressor

24

Thermoelectric built-in cooler

25

Cooling containers

26 – 29

Compressor devices for veterinary vehicles

30 – 31

Custom solutions for food service and refrigerated transport

32 – 37

Passive coolers

38 – 39

## The right temperature – Key to your success



“Cool” is a relative term. Depending on the outside temperature and transported items, it may cover temperatures between  $-18^{\circ}\text{C}$  and  $+40^{\circ}\text{C}$ . Correct storage at a constant temperature is the key to success for each temperature-sensitive product.

You know the right temperature for your product. WAECO sets up the cooler to match. The temperature is preset at our factory and kept constant at a maximum deviation of  $\pm 2^{\circ}\text{C}$  – or even less if required. Of course we can also preset two different fixed values, or leave the temperature adjustment in your hands. Alternatively, we can install a heater for extra safety, or fit the cooling device with a data logger for you to be able to prove that the temperature required for the product at hand was maintained throughout the transport chain.



**Food samples:** safe storage and accurate temperature management in the thermoelectric incubator box with factory preset fixed temperature



**Perishable food:** safe and well proven transport solutions for commercial kitchens, catering and food service



**Specimens:** transport without temperature deviations in a special thermoelectric box. Data logger for continuous temperature recording.

## HACCP – Dometic WAECO fills the gaps in the cold chain

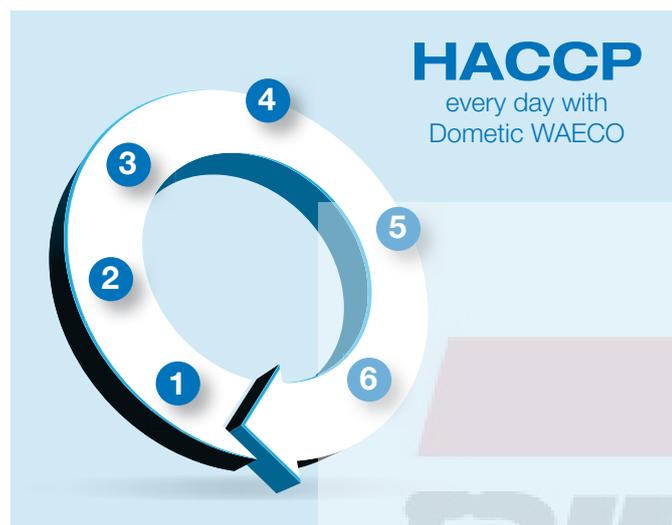
**HACCP stands for Hazard Analysis Critical Control Points, an internationally binding quality management system for food products. The principle behind it is that all critical points in the delivery chain “from farm to the table” are closely examined on the spot. For all critical points, limiting values are defined and then continuously checked and documented.**

Critical risks are always involved when perishable food is exposed to high temperatures, e.g. while shopping or delivering to a customer. Investing in a refrigerated truck is not always financially viable. Why not save money and gain flexibility with mobile refrigeration by Dometic WAECO?

## A profitable business

HACCP not only gives you satisfied customers, it boosts your profits. Success is in the system: implementing an HACCP concept means checking and revising all in-house processes. Even though potential health risks for consumers are the decisive criteria, the inspection will also reveal other shortcomings. The outcome: streamlined processes, minimised losses, optimum use of resources.

### HACCP with mobile refrigeration by Dometic WAECO



- 1. Hazard Analysis:** Analyse the hazards to consumers' health.
- 2. Critical Control Points:** Trace the critical points in your cool chain.
- 3. Define the critical limiting values:** What is the right temperature for your product(s)?
- 4. Safety precaution:**  
Integrate coolers into your cold chain.
- 5. Fine tuning:** Which cooler for which product?  
Do you need a special version?
- 6. Documentation:** Not compulsory, but recommended – and no problem with Dometic WAECO!

### HACCP and GDP

#### Two directives – one goal

Safety comes first when it comes to the transport of temperature-sensitive freight. Responsible logistic service providers adhere to the rules of HACCP and have their vehicles fitted and certified accordingly. The new EU directive on Good Distribution Practice (GDP) places even more stringent demands on documentation. For especially sensitive products operators must prove that the temperature required for the specific product was maintained all over the cargo area – even at extreme outside temperatures. Evidence can be provided e.g. by means of a data logger.



HACCP: quality management system for food products



GDP: Good Distribution Practice for especially sensitive freight



## Thermoelectrics

12/24 volts DC or 230 volts AC as standard!

**Lightweight, low-priced, versatile** – these are the hallmarks of thermoelectric refrigeration. The **maintenance free cooling technology** is great for **low-capacity** heating or cooling of small to medium-sized spaces. It is based on the thermoelectric principle – which states that heat or cold is generated when the connection between different metals **is linked to a direct current** power source (Peltier effect).

The WAECO **TropiCool standard range** (p. 8 – 9) gives you a choice of **four sizes** ranging from a compact 7 litre cooler to a spacious 33 litre appliance. The three larger models (TC 14FL, TC 21FL and TC 35FL) are **fitted as standard with TC special electronics** and a **12/24/ volt DC and 230 volt AC** connection.

### Note:

For temperature controlled transport, all TropiCool coolers can be fitted with a highly sensitive electronic system (p. 10 – 11) that allows temperature control in tight tolerances.

The soft-touch operating panel is replaced by a digital display.



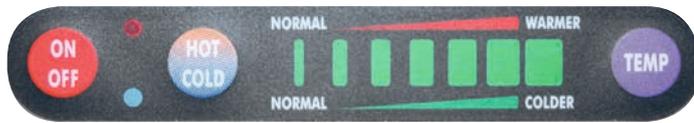
Aerospace technology for cooling and heating: The thermoelectric Peltier element works accurately, maintenance free and without any refrigerant.

## Well designed for easy use

Perfect in every detail – TropiCool series product benefits



All models except TC 07



### 1 TC special electronics with soft-touch control panel

**WAECO TropiCool coolers\*** cooling up to 30°C below ambient temperature and heating up to +65°C. The temperature can be set individually via the soft-touch control panel – in each case this is available at seven levels: from +1°C to +15°C in cooling mode or from +50°C to +65°C in heating mode. The memory function stored the previous setting in each case.

- Cooling up to 30°C below ambient temperature
- Heating up to +65°C
- 7 level temperature regulation in heating and cooling mode
- LED temperature display
- Memory function stored the previous setting
- Membrane keypad protects electronics from dust and moisture

\* All models except TC 07

### 2 Highly effective insulation

High level of efficiency

### 3 Dynamic interior ventilation

Significantly improved cooling capacity

### 4 Maintenance free fan

Long service life

### 5 Intelligent energy-saving switch

The electrical system switches automatically to energy saving mode as soon as the required interior temperature is reached, for TC 14FL, TC 21FL and TC 35FL

### 6 12/24/230 volt connection as standard

(from TC 14FL) with priority circuit for 230 volts

### 7 Heat exchanger and high performance Peltier element

Cooling capacity up to 30°C below ambient temperature!

### 8 Magnet switch

Interior fan switches off automatically when the cooler is opened

### 9 Universal fixing kit

for TC 14FL, TC 21FL and TC 35FL (p. 8)



## WAECO TropiCool TC 07

Thermoelectric cooler

4.01



<b>Storage volume</b>	approx. 7 litres
<b>Connection voltage</b>	12 volts DC and 230 volts AC
<b>Power consumption</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>	PU full foam insulation
<b>System</b>	Maintenance free thermoelectrics (Peltier system), cold / heat transmission to the interior through coated aluminium container, heat dissipation to the outside through non-collector, maintenance 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 via 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>	TÜV/GS, e-approved (Automotive EMC Directive)
<b>Product</b>	<b>Ref. No.</b>
TropiCool TC 07	9105302036
<b>Accessories</b>	
Voltage monitor M 50K	9105303853



Up to 25 °C below ambient temperature



Up to +65°C in heating mode:



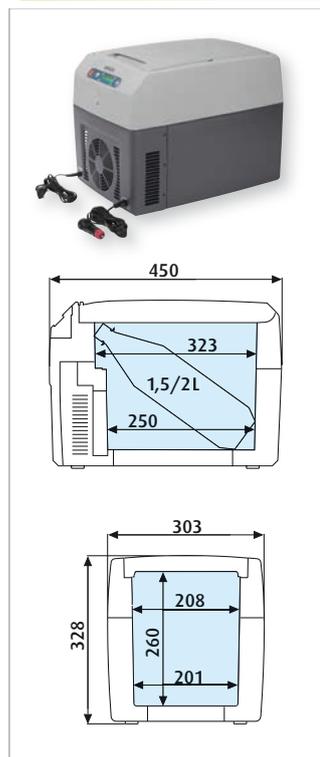
12/230 volts

## WAECO TropiCool TC 14FL

Thermoelectric cooler with TC special electronics

4.01

**A++ ENERGY CLASS**



<b>Storage volume</b>	approx. 14 litres
<b>Connection voltage</b>	12/24 volts DC and 230 volts AC
<b>Power consumption</b>	approx. 46 watts at 12 volts DC approx. 50 watts at 24 volts DC approx. 64 watts at 230 volts
<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 the ambient temperature); Heating: +50°C to +65°C
<b>Insulation</b>	PU full foam insulation
<b>System</b>	Maintenance 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 powersave 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>	TÜV/GS, e-approved (Automotive EMC Directive)
<b>Product</b>	<b>Ref. No.</b>
TropiCool TC 14FL	9105302046
<b>Accessories</b>	
Universal fixing kit	9105303709
Voltage monitor M 50K	9105303853



Up to 30 °C below Ambient temperature



Up to +65°C in heating mode:



12/24/230 volts

TC special electronics



## Universal fixing kit

For TropiCool TC 14FL, TC 21FL, TC 35FL: For 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	9105303709

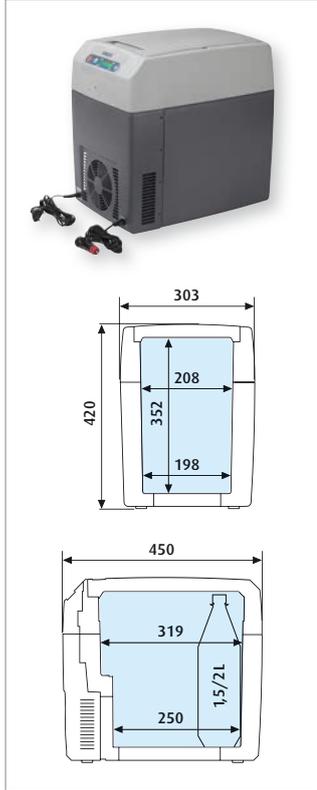


## WAECO TropiCool TC 21FL

Thermoelectric cooler with TC special electronics

4.01

### A++ ENERGY CLASS



<b>Storage volume</b>	approx. 20 litres
<b>Connection voltage</b>	12/24 volts DC and 230 volts AC
<b>Power consumption</b>	approx. 46 watts at 12 volts DC approx. 50 watts at 24 volts DC approx. 64 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 the ambient temperature); Heating: +50°C to +65°C
<b>Insulation</b>	PU full foam insulation
<b>System</b>	see 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 powersave 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>	TÜV/GS, e-approved (Automotive EMC Directive)

Product	Ref. No.
TropiCool TC 21FL	9105302085
<b>Accessories</b>	
Universal fixing kit	9105303709
Voltage monitor M 50K	9105303853



Up to 30 °C below  
Ambient temperature



Up to +65°C  
in heating mode:



12/24/230 volts

TC special electronics

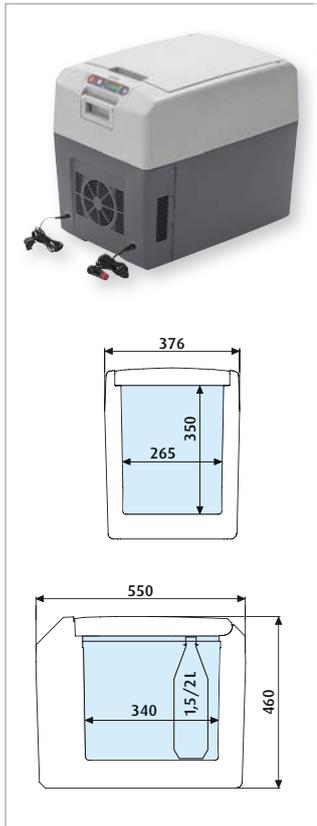


## WAECO TropiCool TC 35FL

Thermoelectric cooler with TC special electronics

4.01

### A++ ENERGY CLASS



<b>Storage volume</b>	approx. 33 litres
<b>Connection voltage</b>	12/24 volts DC and 230 volts AC
<b>Power consumption</b>	approx. 46 watts at 12 volts DC approx. 50 watts at 24 volts DC approx. 64 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 the ambient temperature); Heating: +50°C to +65°C
<b>Insulation</b>	PU full foam insulation
<b>System</b>	see 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 powersave 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>	TÜV/GS, e-approved (Automotive EMC Directive)

Product	Ref. No.
TropiCool TC 35FL	9105302110
<b>Accessories</b>	
Universal fixing kit	9105303709
Voltage monitor M 50K	9105303853



Up to 30 °C below  
Ambient temperature



Up to +65°C  
in heating mode:



12/24/230 volts

TC special electronics



# Hightech à la carte -

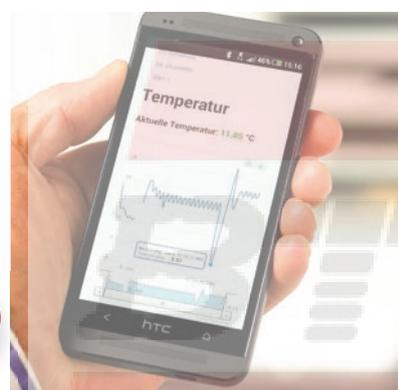
## Your tailor-made box, step by step

Well-proven thermoelectrics plus special modules of your choice - it just takes a few easy steps to create your own customised box. Start by choosing the right size from our standard range (p. 8/9). Next, combine it with the extra modules you need. The table below shows which modules are available for which cooler. New to the modular system: an app for Android smartphones (DTTC-20) to view the current box temperature.



## Simple documentation -

with firmly integrated or disposable data logger



**NEW** It's now even easier to ensure the WAECO thermoelectric coolers meet your particular requirements. As an additional safety feature the coolers come equipped with a **smartphone App (DTTC-20)** which you can use to view the current temperature in the box at any time from your phone. In parallel to this, data is stored on an external server. This can be accessed with a personal PIN for the documentation.

For the sake of continuous, tamper-proof temperature recording, the DTTC-07N data logger is firmly integrated in the cooler. Data can be transferred to a laptop computer via a data cable with USB interface - or printed

out directly using the attachable printer. We provide a disposable data logger (DTTC-21) as an alternative for documenting the temperature.

### Extra modules available for thermoelectric coolers

Thermoelectric coolers:	DTTC-01 Digital temperature readout	DTTC-02 One factory preset fixed temperature	DTTC-03 Temperature variable	DTTC-04 Interior fan	DTTC-05 Heater with three-point control	DTTC-06 Digital radio thermometer	DTTC-07N Data logger	DTTC-08N Thermal printer (incl. data logger with software)	DTTC-09 Two factory preset fixed temperatures	DT-13 3-pin plug-in system	DTTC-17 Alarm function	DTTC-18 Text message alarm	DTTC-20 Android app	DTTC-21 Disposable data logger
<b>TC 07</b> approx. 7 litres up to 25°C under ambient temperature	●	●		●		●	●	●	●	●			●	●
<b>TC 14FL</b> approx. 14 litres up to 30°C below ambient temperature	●	●	●	●	●	●	●	●	●	●	●		●	●
<b>TC 21FL</b> approx. 20 litres up to 30°C below ambient temperature	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>TC 35FL</b> approx. 33 litres up to 30°C under ambient temperature	●	●	●	●	●	●	●	●	●	●	●	●	●	●

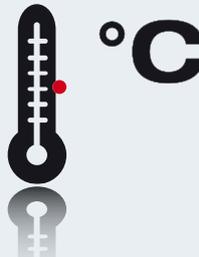
Accessories for thermoelectric coolers

4.20



**DTTC-01**  
**Digital readout** of the current temperature inside the box.

Product	Ref. No.
Digital temperature readout	9103540017



**DTTC-02**  
**One fixed temperature** in a range from +10°C to +40°C  
Tolerance: ± 1°C (independent of outside temperature; closer upon request) Test log supplied as standard.

Product	Ref. No.
One factory preset - fixed temperature	9103540018



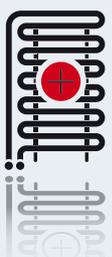
**DTTC-03**  
**Temperature variable** in a range from +10°C to +40°C with temperature controller. Control electronics reliably compensate for deviations from preset value. Tolerance: ± 2°C (closer upon request).

Product	Ref. No.
Temperature variable	9103540019



**DTTC-04**  
**High-performance fan** for fast cooling or heating and uniform air circulation inside the box.

Product	Ref. No.
Interior fan	9103540020



**DTTC-05**  
**Extra heater** for fast heat-up (reduces wear on the Peltier element). Safer operation at extreme outside temperatures. With automatic three-point-controller (heat/OFF/cool).

Product	Ref. No.
Heating with three-point control	9103540021



**DTTC-06**  
**Digital radio thermometer** transmits current temperature to the dashboard mounted display unit (display included in the delivery kit).

Product	Ref. No.
Digital radio thermometer	9103540022



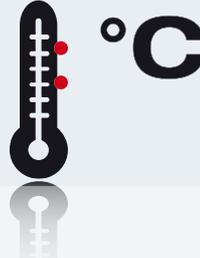
**DTTC-07N**  
**Data logger as a single unit**, without software.  
**Free software downloaded at [www.testo.de](http://www.testo.de)**

Product	Ref. No.
Data logger	9103540023



**DTTC-08N**  
**Thermal printer** incl. data logger with software and USB connection for continuous recording of the temperature.

Product	Ref. No.
Thermal printer incl. data logger with software	9103540024



**DTTC-09**  
**Two fixed temperatures** in a range from +10°C to +40°C. Easy change from one value to another with rocker switch. Tolerance: ± 1°C (independent of outside temperature; closer upon request). Test log supplied as standard.

Product	Ref. No.
Two factory preset - fixed temperatures	9103540025



**DT-13**  
**3-pin plug-in system** for built-in power supply. Max. power consumption: 25 A at 6 - 24 volts. Flat terminals (4 x 6.3 mm or 1 x 4.8 mm).

Product	Ref. No.
3-pin plug-in system	2225400001



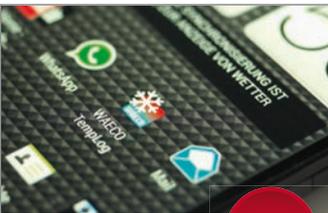
**DTTC-17**  
**Alarm function** signals when the temperature exceeds or falls below a set level (possible for temperatures of 20°C or higher)

Product	Ref. No.
Alarm function	9103540026



**DTTC-18**  
**Text message alarm to mobile phones** signals when the temperature exceeds or falls below a set level

Product	Ref. No.
Alarm function	9103540027



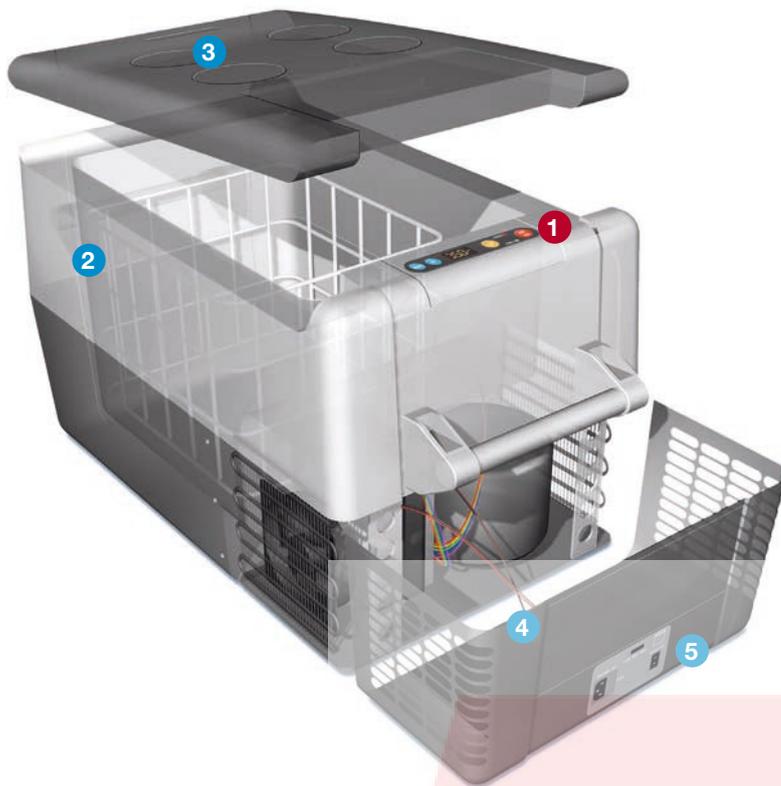
**DTTC-20**  
**App for Android smartphone** for dialling into the cooler to access current temperature.

Product	Ref. No.
Smartphone app	9103540133



**DTTC-21**  
**Disposable data logger** for recording temperature in the cooler Up to 90 days recording time following activation (USB interface)

Product	Ref. No.
Disposable data logger	9103540135



## The benefits of compressor cooling and freezing devices:

- 1 Soft-touch control panel**  
dust and water proof; digital temperature readout
  - 2 High quality materials**  
Injection molded housing
  - 3 Perfectly manufactured**  
Optimal functioning, long service life
  - 4 Powerful compressor technology**  
Excellent cooling capacity even at extreme outside temperatures; accurate temperature control  $\pm 1^{\circ}\text{C}$
  - 5 Flexible energy supply**  
12/24 volts or 12/24 volts and 100 – 240 volts
- Configurable to specific customer needs**  
with additional modules (p. 20/21)



100 – 240 volts



12 / 24 volts



Solar operation

## Powerful compressor technology

### Perfect for demanding logistical challenges

Excellent cooling and freezing performance, low energy consumption – features you can depend on with each compressor appliance from Dometic WAECO. The CoolFreeze range offers a matching appliance for every demand – from a compact 10.5-litre box right through to a roomy 105-litre cooling container. All larger versions

(32 litres upwards) are ready for connection to 12/24 volts DC and 100 – 240 volts AC. For those demanding logistical challenges in lab technology and human and veterinary medicine we have equipped our tried and tested cooler with customer specific additional modules (p. 20/21)

### Tip!

#### Cooler trolley Well thought-out in every detail

Lightweight, sturdy construction of corrosion-proof materials

- Elastic strap
- Large, easy running wheels
- Can be folded flat for storage
- DT-14: 490 x 1030 x 250 mm (W x H x D)
- DT-15: 490 x 1130 x 410 mm (W x H x D)

Max. load 125 kg 60 kg max. for use on stairs and ramps

**Only available when purchasing a cooler!**



**Cooler  
trolley**

Trolley DT-14  
Ref No. 9103540012  
Trolley DT-15  
Ref. No. 9103540013

## WAECO CoolFreeze CDF

Lightweight compressor technology



### WAECO CoolFreeze CDF 11

Portable cooler and freezer

- 12/24 volts DC
- Storage volume: approx. 10.5 l
- Cooling range +10°C to -18°C

### WAECO CoolFreeze CDF 16

Portable cooler and freezer

- 12/24 volts DC
- Storage volume: approx. 15 l
- Cooling range +10°C to -18°C

### WAECO CoolFreeze CDF 18

Portable cooler and freezer

- 12/24 volts DC
- Storage volume: approx. 18 l
- Cooling range +10°C to -18°C

### WAECO CoolFreeze CDF 25

Portable cooler and freezer

- 12/24 volts DC
- Storage volume: approx. 21.5 l
- Cooling range +10°C to -18°C

## WAECO CoolFreeze CFX

Compressor cooling without compromise



### WAECO CoolFreeze CFX 35

Cooler and freezer

- 12/24 volts DC / 100-240 volts AC
- Storage volume: approx. 32 l
- Cooling range +10°C to -22°C

### WAECO CoolFreeze CFX 40

Cooler and freezer

- 12/24 volts DC / 100-240 volts AC
- Storage volume: approx. 38 l
- Cooling range +10°C to -22°C

### WAECO CoolFreeze CFX 50

Cooler and freezer

- 12/24 volts DC / 100-240 volts AC
- Storage volume: approx. 46 l
- Cooling range +10°C to -22°C

### WAECO CoolFreeze CFX 65

Cooler and freezer

- 12/24 volts DC / 100-240 volts AC
- Storage volume: approx. 60 l
- Cooling range +10°C to -22°C

## WAECO CoolFreeze CF

King sized coolers and freezers



### WAECO CoolFreeze CF 80

Cooler and freezer

- 12/24 volts DC / 100-240 volts AC
- Storage volume: approx. 79 l
- Cooling range +10°C to -18°C

### WAECO CoolFreeze CF 110

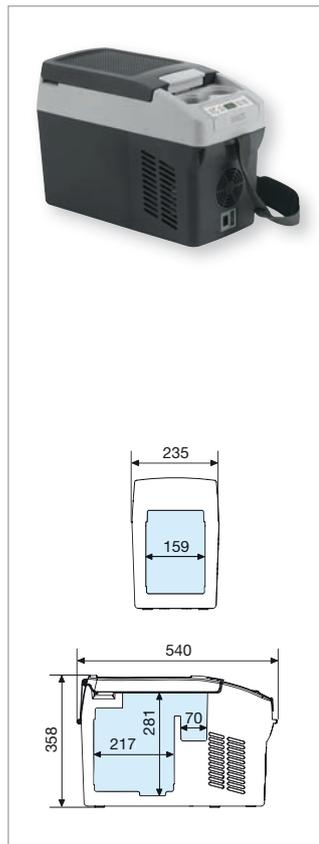
Cooler and freezer

- 12/24 volts DC / 100-240 volts AC
- Storage volume: approx. 105 l
- Cooling range +10°C to -18°C

## WAECO CoolFreeze CDF 11

4.10

Portable compressor cooler for refrigeration and deep-freezing



<b>Storage volume:</b>	approx. 10.5 litres
<b>Voltage</b>	12/24 volts DC
<b>Power consumption</b>	approx. 35 watts
<b>Current consumption</b>	0.29 Ah/h at +20°C ambient temperature, 0.61 Ah/h at +32°C ambient temperature, both at +5°C interior temperature
<b>Temperature range</b>	+10°C to -18°C, adjustable using electronic thermostat
<b>Insulation</b>	PU full foam insulation
<b>System</b>	Compressor with integrated control electronics, low voltage protection (can be disabled), electronic fuse/automatic reverse pole protection
<b>Material</b>	Cabinet 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>Compliance</b>	e-approved (Automotive EMC Directive)



Temperature range  
+10°C to -18°C



Suitable for solar operation

Extremely compact design

Two integrated drink holders

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

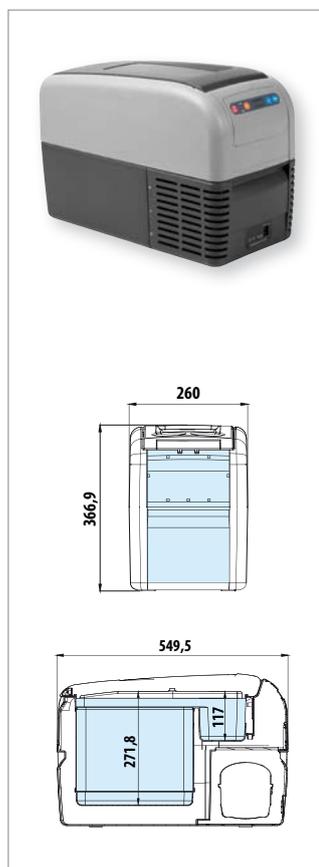
230-volt connection  
with low-priced mains  
adapter

Product	Ref. No.
CoolFreeze CDF 11	9105100007
<b>Accessory</b>	
Mains adapter 230 V → 24 V	EPS 100, 9102600031
Trolley	see p. 12, 21

Super  
compact

## WAECO CoolFreeze CDF 16

Compressor cooler for refrigeration and deep-freezing



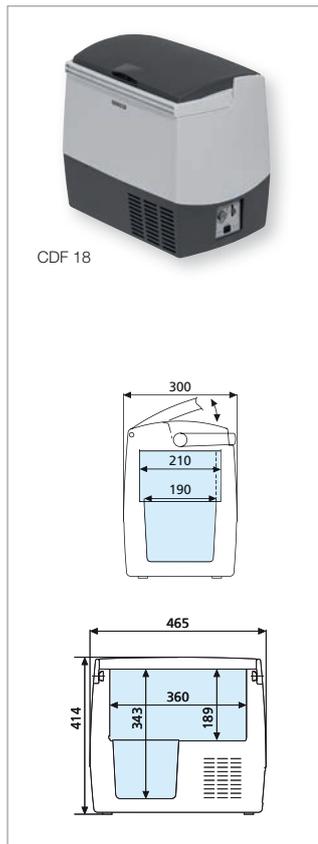
<b>Storage volume:</b>	approx. 15 litres
<b>Voltage</b>	12/24 volts DC
<b>Power consumption</b>	approx. 35 watts
<b>Current consumption</b>	0.21 Ah/h at +20°C ambient temperature, 0.44 Ah/h at +32°C ambient temperature, both at +5°C interior temperature
<b>Temperature range</b>	+10°C to -18°C, adjustable using electronic thermostat
<b>Insulation</b>	PU full foam insulation
<b>System</b>	Compressor with integrated control electronics, low voltage protection (can be disabled), electronic fuse/automatic reverse pole protection
<b>Material</b>	Cabinet and lid PP
<b>Colour</b>	Pale grey / dark grey
<b>Weight</b>	11.5 kg
<b>Quality features</b>	Electronic thermostat with digital temperature display, 3-stage battery monitor, LED interior light
<b>Scope of delivery</b>	DC connection cable
<b>Compliance</b>	TÜV/GS, e-approved (Automotive EMC Directive)

Product	Ref. No.
CoolFreeze CDF 16	9105303455
<b>Accessory</b>	
Mains adapter 230 V → 24 V	EPS 100, 9102600031
Universal fixing kit	9105303708
Trolley	see p. 12, 21

## WAECO CoolFreeze CDF 18 / CDF 18T

4.10

Portable compressor cooler for refrigeration and deep-freezing, CDF 18T with trolley



<b>Storage volume</b>	approx. 18 litres
<b>Connection voltage</b>	12/24 volts DC
<b>Power consumption</b>	approx. 35 watts
<b>Current consumption</b>	0.38 Ah/h at +20°C ambient temperature, 0.64 Ah/h at +32°C ambient temperature, both at +5°C interior temperature
<b>Temperature range</b>	+10°C to -18°C, adjustable using electronic thermostat
<b>Insulation</b>	PU full foam insulation
<b>System</b>	Compressor with integrated control electronics, low voltage protection adjustable for leisure and starter battery via 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 CDF 18</b>	DC connection cable
<b>Scope of delivery CDF 18T</b>	DC connection cable, trolley
<b>Test marks</b>	TÜV/GS, e-approved (Automotive EMC Directive)



**Temperature range**  
+10°C to -18°C



**Suitable for Solar operation**

**Energy saver:**  
short running times with reinforced insulation: consumes only 0.38 Ah/h to reach +5°C interior temperature at +20°C ambient temperature

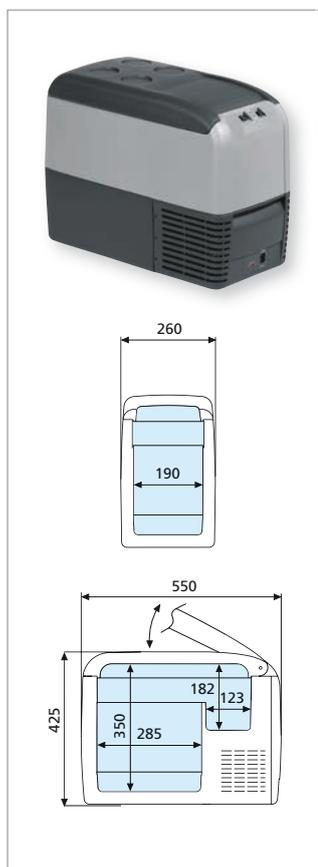
**230-volt connection with affordable mains adapter**



Product	Ref. No.
CoolFreeze CDF 18	9105100002
CoolFreeze CDF 18T	9105100006
<b>Accessory</b>	
Mains adapter 230 V › 24 V	EPS 100, 9102600031

## WAECO CoolFreeze CDF 25

Compressor cooler for refrigeration and deep-freezing



<b>Storage volume (incl. for fresh food)</b>	approx. 21.5 litres
<b>Connection voltage</b>	12/24 volts DC
<b>Power consumption</b>	approx. 35 watts
<b>Current consumption</b>	0.44 Ah/h at +20°C ambient temperature, 0.67 Ah/h at +32°C ambient temperature, both at +5°C interior temperature
<b>Temperature range</b>	+10°C to -18°C, adjustable using electronic thermostat
<b>Insulation</b>	PU full foam insulation
<b>System</b>	Compressor with integrated control electronics, low voltage protection adjustable for leisure and starter battery by means of a slide switch, electronic fuse / automatic reverse pole protection, dynamically ventilated wire tube condenser, aluminium rollbond evaporator
<b>Material</b>	Cabinet: PP; lid: PE
<b>Colour</b>	body pale grey/dark grey, lid dark grey
<b>Weight</b>	approx. 12.5 kg
<b>Quality features</b>	Detachable lid (lid mount at the front), vertical space for standing 2-litre bottles
<b>Scope of delivery</b>	DC connection cable
<b>Test marks</b>	TÜV/GS, e-approved (Automotive EMC Directive)



**Temperature range**  
+10°C to -18°C



**Suitable for solar operation**

**Super slim body – minimal space required**

**230-volt connection with affordable mains adapter**

Product	Ref. No.
CoolFreeze CDF 25	9105100003
<b>Accessory</b>	
Mains adapter 230 V › 24 V	EPS 100, 9102600031
Universal fixing kit	9105303708
Trolley	see. p. 12/21



Cooling up to  
**-22°C**



## WAECO CoolFreeze CFX

The most powerful compressor coolers ever



**Energy class A++ and freezer temperatures down to -22°C, available for mobile use for the very first time!** With its WAECO CoolFreeze CFX series, refrigeration specialist Dometic WAECO is once again proving how milestones are made. A specially developed high-performance compressor and extra strong insulation have, once again, allowed the energy consumption to be

reduced by up to 35% compared to its predecessors. The high-tech units excel with **heavy-duty details**: reinforced corners, stainless steel hinges and a robust lid lining ensure they can withstand the most demanding of loads. At the same time CFX coolers **are remarkably light in weight** and easy to transport with their foldaway handles.

### The benefits of the CoolFreeze CFX series:

- Suitable for deep freezing down to -22°C
- Excellent cooling performance even at extremely high outside temperatures
- 12/24 volts DC and 100 – 240 volts AC
- Extremely efficient and superbly quiet operation
- Impeccable operation even in inclined positions
- Suitable for solar operation

### CFX special electronics



#### Digital temperature display, soft-start and turbo cooler function

The CFX series is equipped with special electronics which start up the compressor gently while saving energy. If the preset temperature is not reached within a short period of time, or a temperature below -12°C has been set, the turbo cooler switches on automatically. As soon as the set temperature is reached, the CFX special electronics switch back to energy-saving mode.

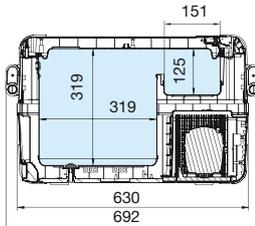
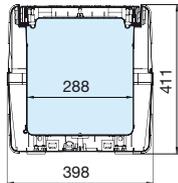
- Intelligent, automatic turbo cooler
- 3-stage battery protection, set using the digital display
- 4-digit digital display (Celsius or Fahrenheit)
- Free temperature setting
- Display of current interior temperature
- Operating status and error indication
- Memory function saves the last settings

## WAECO CoolFreeze CFX 35

4.30

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

### A+++ ENERGY CLASS



<b>Storage volume (incl. for fresh food)</b>	32 litres
<b>Connection voltage</b>	12/24 volts DC and 100 – 240 volts AC
<b>Power consumption</b>	approx. 43 watts
<b>Current consumption</b>	0.32 Ah/h at +20°C ambient temperature, 0.60 Ah/h at +32°C ambient temperature, both at +5°C interior temperature
<b>Temperature range</b>	+10°C to –22°C, freely adjustable using electronic thermostat with digital temperature display
<b>Insulation</b>	PU full foam insulation
<b>System</b>	Fully hermetic 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>	PP, ABS
<b>Colour</b>	body pale grey/dark grey, lid dark grey
<b>Weight</b>	approx. 17.5 kg
<b>Quality features</b>	Detachable lid (lid mount, at the front), interior light, CFX special electronics with soft start and turbo cooler, removable wire basket, 3-stage battery protection
<b>Scope of delivery</b>	DC and AC connection cables
<b>Test marks</b>	TÜV/GS, e-approved (Automotive EMC Directive)



**Temperature range**  
+10°C to –22°C



**Suitable for solar operation**



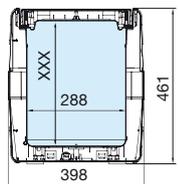
**12/24 volts DC and 100 – 240 volts AC**

Product	Ref. No.
CoolFreeze CFX 35	9105304047
<b>Accessories:</b> Trolley	see p. 12, 21

## WAECO CoolFreeze CFX 40

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

### A+++ ENERGY CLASS



Width 630 mm; incl. grips 692 mm  
see sketch CFX 35

<b>Storage volume (incl. for fresh food)</b>	38 litres
<b>Connection voltage</b>	12/24 volts DC and 100 – 240 volts AC
<b>Power consumption</b>	approx. 48 watts
<b>Current consumption</b>	0.36 Ah/h at +20°C ambient temperature, 0.64 Ah/h at +32°C ambient temperature, both at +5°C interior temperature
<b>Temperature range</b>	+10°C to –22°C, freely adjustable using electronic thermostat with digital temperature display
<b>Insulation</b>	PU full foam insulation
<b>System</b>	see CFX 35
<b>Material</b>	PP, ABS
<b>Colour</b>	body pale grey/dark grey, lid dark grey
<b>Weight</b>	approx. 18.5 kg
<b>Quality features</b>	see CFX 35
<b>Scope of delivery</b>	DC and AC connection cables
<b>Test marks</b>	TÜV/GS, e-approved (Automotive EMC Directive)

Product	Ref. No.
CoolFreeze CFX 40	9105304048
<b>Accessories:</b> Trolley	see p. 12, 21

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

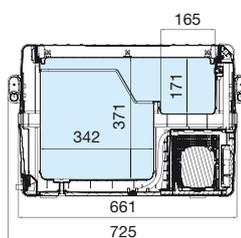
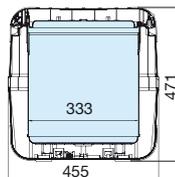


## WAECO CoolFreeze CFX 50

4.30

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

### A++ ENERGY CLASS



<b>Storage volume (incl. for fresh food)</b>	approx. 46 litres
<b>Connection voltage</b>	12/24 volts DC and 100 – 240 volts AC
<b>Power consumption</b>	approx. 52 watts
<b>Current consumption</b>	0.38 Ah/h at +20°C ambient temperature, 0.68 Ah/h at +32°C ambient temperature, both at +5°C interior temperature
<b>Temperature range</b>	+10°C to -22°C, freely adjustable using electronic thermostat with digital temperature display
<b>Insulation</b>	PU full foam insulation
<b>System</b>	see CF 35
<b>Material</b>	PP, ABS
<b>Colour</b>	body pale grey/dark grey, lid dark grey
<b>Weight</b>	approx. 20.4 kg
<b>Quality features</b>	Detachable lid (side opening), interior light, CFX special electronics with soft start and turbo cooler, removable wire basket, 3-stage battery protection
<b>Scope of delivery</b>	DC and AC connection cables, detachable carrying handles
<b>Test marks</b>	TÜV/GS, e-approved (Automotive EMC Directive)



Temperature range  
+10°C to -22°C



Suitable for solar operation



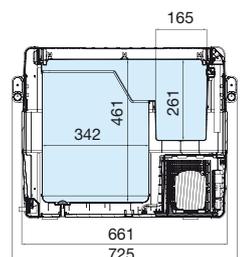
12/24 volts DC and  
100 – 240 volts AC

Product	Ref. No.
CoolFreeze CFX 50	9105304049
<b>Accessories:</b> Trolley	see p. 12/21

## WAECO CoolFreeze CFX 65

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

### A++ ENERGY CLASS



<b>Storage capacity (incl. for fresh food)</b>	approx. 60 litres
<b>Voltage</b>	12 / 24 volts DC and 100 – 240 volts AC
<b>Power consumption</b>	approx. 58 Watts
<b>Current consumption</b>	0.42 Ah/h at +20°C ambient temperature, 0.76 Ah/h at +32°C ambient temperature, both at +5°C interior temperature
<b>Temperature range</b>	+10°C to -22°C, freely adjustable using electronic thermostat with digital temperature display
<b>Insulation</b>	PU full foam insulation
<b>System</b>	see CF 35
<b>Material</b>	PP, ABS
<b>Colour</b>	body pale grey/dark grey, lid dark grey
<b>Weight</b>	Approx. 21.6 kg
<b>Quality features</b>	Detachable lid (side opening), interior light, CFX special electronics with soft start and turbo cooler, removable wire basket, 3-stage battery protection
<b>Scope of delivery</b>	DC and AC connection cables, detachable carrying handles
<b>Compliance</b>	TÜV/GS, e-approved (Automotive EMC Directive)

Product	Ref. No.
CoolFreeze CFX 65	9105304050
<b>Accessories:</b> Trolley	see p. 12/21

CFX special electronics  
with soft start  
and turbo cooler



## WAECO CoolFreeze CF 80

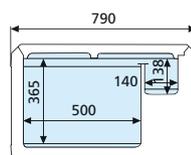
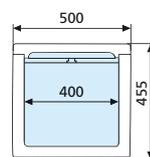
4.10

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

### A+ ENERGY CLASS



Hinges variable



<b>Storage volume</b> (incl. for fresh food)	approx. 79 litres
<b>Connection voltage</b>	12/24 volts DC and 100 – 240 volts AC
<b>Power consumption</b>	approx. 65 watts
<b>Current consumption</b>	0.65 Ah/h at +20°C ambient temperature, 1.19 Ah/h at +32°C ambient temperature, both at +5°C interior temperature
<b>Temperature range</b>	+10°C to –18°C, freely adjustable using electronic thermostat with digital temperature display
<b>Insulation</b>	PU full foam insulation
<b>System</b>	Fully hermetic 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
<b>Scope of delivery</b>	DC and AC connection cables, removable wire basket, detachable carrying handles
<b>Test marks</b>	TÜV/GS, e-approved (Automotive EMC Directive)



Temperature range  
+10°C to –18°C



Suitable for solar operation



12/24 volts DC and  
100 – 240 volts AC

<b>Product</b>	<b>Ref. No.</b>
CoolFreeze CF 80	9105303248
<b>Accessory</b>	
Trolley	see p. 12/21

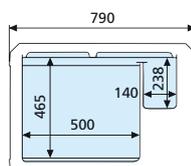
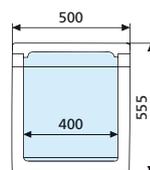
## WAECO CoolFreeze CF 110

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

### A+ ENERGY CLASS



Hinges variable



<b>Storage volume</b> (incl. for fresh food)	approx. 105 litres
<b>Connection voltage</b>	12/24 volts DC and 100 – 240 volts AC
<b>Power consumption</b>	approx. 65 watts
<b>Current consumption</b>	0.76 Ah/h at +20°C ambient temperature, 1.35 Ah/h at +32°C ambient temperature, both at +5°C interior temperature
<b>Temperature range</b>	+10°C to –18°C, freely adjustable using electronic thermostat with digital temperature display
<b>Insulation</b>	PU full foam insulation
<b>System</b>	see 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
<b>Scope of delivery</b>	DC and AC connection cables, removable wire basket, detachable carrying handles
<b>Test marks</b>	TÜV/GS, e-approved (Automotive EMC Directive)

<b>Product</b>	<b>Ref. No.</b>
CoolFreeze CF 110	9105303102
<b>Accessory</b>	
Trolley	see p.12/21

CF special electronics  
with soft start  
and turbo cooler



## Pick what you need – We do the fitting



From now on there are even more options to customise WAECO CoolFreeze compressor coolers for special applications. As an additional safety feature the coolers come equipped with a smartphone app (DT-20) which you can use to access the current temperature in the cooler at any time from your phone. In parallel to this, data is stored on an external server. This can be accessed with a personal PIN for the documentation.

### Extra modules for compressor coolers

Compressor coolers	DT-01 Digital temperature readout	DT-02 One factory preset fixed temperature	DT-03 Variable temperature	DT-04 Interior fan	DT-05 Heater with three-point control	DT-06 Digital radio thermometer	DT-07N Data logger	DT-08N Thermal printer incl. data logger with software	DT-09 Two factory preset fixed temperatures	DT-11 GSM module for remote temperature reading	DT-13 3-pin plug-in system	DT-16 Timer	DT-17 Alarm function	DT-18 Text message alarm	DT-19 Lock	DT-Anroid app Anroid app	DT-21 Disposable data logger	DT-22 Set of wheels
<b>CDF 11</b> approx. 10.5 litres	●	●		●														
<b>CDF 16</b> approx. 15 litres	●	●																
<b>CDF 18</b> approx. 18 litres	●	●	●															
<b>CDF 25</b> approx. 23 litres	●	●																
<b>CFX 35</b> approx. 32 litres	●	●	●															
<b>CFX 40</b> approx. 38 litres	●	●	●															
<b>CFX 50</b> approx. 46 litres	●	●	●															
<b>CFX 65</b> approx. 60 litres	●	●	●															
<b>CF 80</b> approx. 79 litres	●	●	●															
<b>CF 110</b> approx. 105 litres	●	●	●															

### Extra modules for compressor coolers

4.20



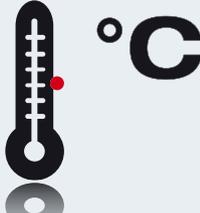
**DT-01**  
**Digital readout** of the current temperature inside the box. Replaces the display on the CF standard coolers.

Product	Ref. No.
Digital temperature readout	9103540001



**DT-03**  
**Temperature variable** in a range from -18°C to +10°C with temperature controller. Control electronics reliably compensate for deviations from preset value. Tolerance: ± 2°C (closer upon request).

Product	Ref. No.
Temperature variable	9103540003



**DT-02**  
One fixed temperature in a range from -18°C to +10°C  
Tolerance: ± 1°C (independent of outside temperature; closer upon request) Test log supplied as standard.

Product	Ref. No.
One factory preset fixed temperature	9103540002



**DT-04**  
**High-performance fan** for fast cooling or heating and uniform air circulation inside the box.

Product	Ref. No.
Interior fan	9103540004

Extra modules for compressor coolers

4.20



**DT-05**  
**Extra heater** for safer operation at low outside temperatures. Also for compressor coolers to be equipped with additional heating function.

Product	Ref. No.
Heater with three-point controller	9103540005

**Only available when purchasing a cooler!**



**DT-14 / DT-15**  
**Foldable trolley** with elastic strap and large, easy-running wheels. Available in two sizes (s. p. 14).

Product	Ref. No.
Trolley DT-14	9103540012
Trolley DT-15	9103540013



**DT-06**  
**Digital radio thermometer** transmits current temperature to the dashboard mounted display unit (display included in the delivery kit).

Product	Ref. No.
Digital radio thermometer	9103540006



**DT-16**  
**Count-down timer** display in minutes. Can be set to any value up to 99 hours

Product	Ref. No.
Timer	9103540014



**DT-07N**  
**Data logger** as a single unit, without software

**Free software downloaded at [www.testo.de](http://www.testo.de)**

Product	Ref. No.
Data logger as a single unit, without software	9103540007



**DT-17**  
**Alarm function** signals when the temperature exceeds or falls below a set level.

Product	Ref. No.
Alarm function	9103540015



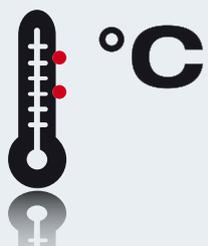
**DT-08N**  
**Thermal printer** incl. data logger with software and USB connection for continuous recording of the temperature.

Product	Ref. No.
Thermal printer incl. data logger with software	9103540008



**DT-18**  
**Text message alarm to mobile phones** signals when the temperature exceeds or falls below a set level

Product	Ref. No.
Text message alarm	9103540016



**DT-09**  
Two fixed temperatures in a range from -18°C to +10°C. Easy change from one value to another with rocker switch. Tolerance: ± 1°C (independent of outside temperature; closer upon request). Test log supplied as standard.

Product	Ref. No.
Two factory preset fixed temperatures	9103540009



**DT-19**  
**Lock** for securely locking the cooler

Product	Ref. No.
Lock DT-19	9103540034



**DT-11**  
**GSM module** for remote monitoring of the inside and outside temperatures.

Product	Ref. No.
GSM module	9103540011



**DT-20**  
**App for Android smartphone** for dialling into the cooler to access current temperature.

Product	Ref. No.
Smartphone app	9103540132



**DT-13**  
**3-pin plug-in system** for built-in power supply. Max. power input: 25 A at 6 - 24 volts. Flat terminals (4 x 6.3 mm, 1 x 4.8 mm).

Product	Ref. No.
3-pin plug-in system	2225400001



**DT-21**  
**Disposable data logger** for recording temperature in the cooler Up to 90 days recording time following activation (USB interface)

Product	Ref. No.
Disposable data logger	9103540134



**DT-22**  
**Set of two wheels** for safe and easy transport

Product	Ref. No.
Wheels set	9103540145

# Mobile, hygienic and efficient

Stainless-steel built-in cabinets with compressor cooling or heating



**WAECO CoolMatic MH 07**  
7 litres capacity



**WAECO CoolMatic MR 07**  
7 litres capacity

**Cooling or heating with  $\pm 1^\circ\text{C}$  accuracy:** Dometic WAECO's innovative generation of refrigerator and warmer cabinets was specifically designed for use in emergency vehicles.

The interior temperature is limited at  $+5^\circ\text{C}$  or, respectively,  $+37^\circ\text{C}$  ( $\pm 1^\circ\text{C}$ ). This, combined with well thought-out details, qualifies the cabinets for other applications, too.



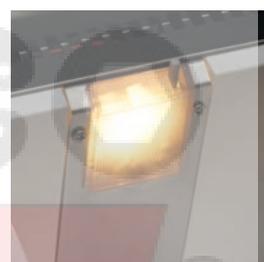
**No tampering possible:** digital temperature display in a stainless steel frame



**Transport-proof:** catches that keep the door tightly closed even in inclined position



**Adjustable interior:** the height of the grid shelf can be varied in three steps.



**No mixing up of items:** well illuminated interior

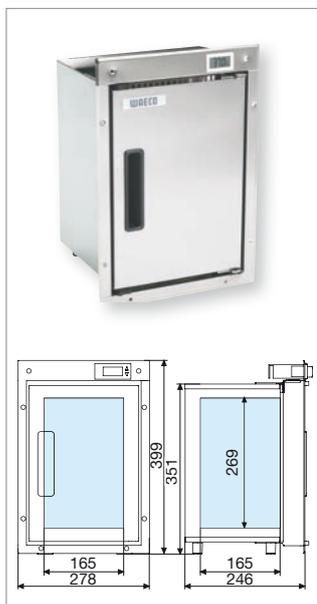


**Inner values:** water drainage, additional fan for optimal temperature distribution

## WAECO CoolMatic MH 07

Built-in heating cabinet with stainless steel front. Fixed point temperature set at  $+37^\circ\text{C}$  ( $\pm 1^\circ\text{C}$ )

4.09



<b>Gross capacity</b>	approx. 7 litres
<b>Connection voltage</b>	12 volts DC
<b>Average power consumption</b>	approx. 15 to 20 watts
<b>Temperature range</b>	Fixed point temperature at $+37^\circ\text{C}$ ( $\pm 1^\circ\text{C}$ )
<b>Insulation</b>	Polyurethane
<b>System</b>	12-volt heating resistor
<b>Material</b>	Door and flush-mount installation frame: Stainless steel; Inner container: plastic
<b>Colour</b>	Front: silver. Interior: white
<b>Dimensions (W x D)</b>	245 x 350 mm (installation space)
<b>Weight</b>	approx. 4.5 kg
<b>Quality features</b>	Fixed point temperature set at $+37^\circ\text{C}$ ( $\pm 1^\circ\text{C}$ ), optimum temperature distribution with additional, durable fan in the back wall of the interior, digital temperature display built into the stainless steel installation frame – no third party access possible, interior light, shelves with three heights, recessed door grip, door hinges and lock variable right / left
<b>Test marks</b>	e-approved (Automotive EMC Directive)
<b>Product</b>	<b>Ref. No.</b>
CoolMatic MH 07	9106300025



**$+37^\circ\text{C}$**   
fixed point temperature  
( $\pm 1^\circ\text{C}$ )



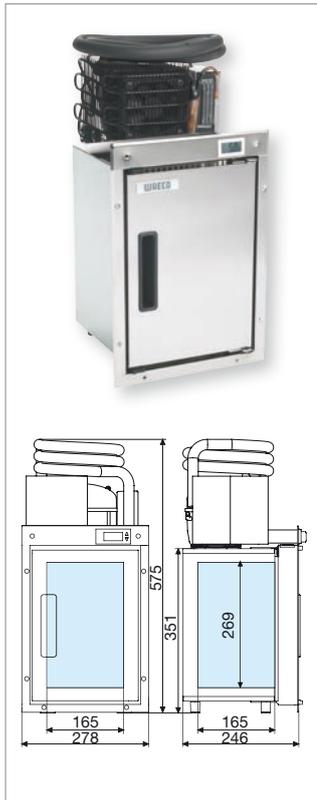
**12 volts DC**

**Certified according to**  
**DIN 75079**

### WAECO CoolMatic MR 07

4.09

Built-in compressor refrigerator with stainless steel front. Fixed point temperature set at +5°C (±1°C).



<b>Gross capacity</b>	approx. 7 litres
<b>Connection voltage</b>	12 volts DC
<b>Average power consumption</b>	approx. 36 watts
<b>Temperature range</b>	Fixed point temperature at +5°C (±1°C)
<b>Insulation</b>	Polyurethane
<b>System</b>	Fully hermetic compressor with integrated control electronics, low-voltage protection, electronic fuse / automatic reverse pole protection, dynamically ventilated wire tube condenser, foam-backed three sided rear panel vaporiser
<b>Material</b>	Door and flush-mount installation frame: Stainless steel; Inner container: plastic
<b>Colour</b>	Front: silver. Interior: white
<b>Dimensions (W x D)</b>	245 x 350 mm (installation space)
<b>Weight</b>	approx. 10 kg
<b>Quality features</b>	Fixed point temperature set at +5°C (±1°C), optimum temperature distribution with additional, durable fan in the back wall of the interior, digital temperature display built into the stainless steel installation frame – no third party access possible, interior light, shelves with three heights, recessed door grip, door hinges and lock variable right / left. <b>For smaller spaces, the unit can also be fitted at the side (right or left) of the model or at a distance of up to 1.5 m.</b>
<b>Test marks</b>	e-approved (Automotive EMC Directive)

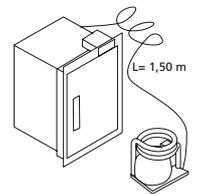


+5°C  
fixed point temperature  
(±1°C)



12 V DC

Certified according to DIN  
75079

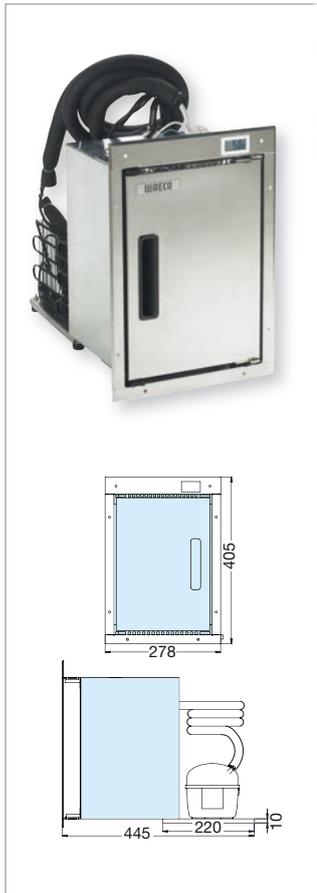


Cooling unit  
can be installed separately

<b>Product</b>	<b>Ref. No.</b>
CoolMatic MR 07	9106300026

### WAECO CoolMatic MRR 07

Built-in compressor refrigerator with stainless steel front. Fixed point temperature set at +5°C (±1°C)



<b>Gross capacity</b>	approx. 7 litres
<b>Connection voltage</b>	12 volts DC
<b>Average power consumption</b>	approx. 36 watts
<b>Temperature range</b>	Fixed point temperature at +5°C (±1°C)
<b>Insulation</b>	Polyurethane
<b>System</b>	Fully hermetic compressor with integrated control electronics, low-voltage protection, electronic fuse / automatic reverse pole protection, dynamically ventilated wire tube condenser, foam-backed three sided rear panel vaporiser
<b>Material</b>	Door and flush-mount installation frame: Stainless steel; Inner container: plastic
<b>Colour</b>	Front: silver. Interior: white
<b>Dimensions (W x D)</b>	245 x 350 mm (installation space)
<b>Weight</b>	approx. 10 kg
<b>Quality features</b>	Fixed point temperature set at +5°C (±1°C), optimum temperature distribution with additional, durable fan in the back wall of the interior, digital temperature display built into the stainless steel installation frame – no third party access possible, interior light, shelves with three heights, recessed door grip, door hinges and lock variable right / left. <b>The unit is mounted on the mounting plate.</b>
<b>Test marks</b>	e-approved (Automotive EMC Directive)



+5°C  
fixed point temperature  
(±1°C)



12 V DC

Certified according to  
DIN 75079

Cooling unit premounted

<b>Product</b>	<b>Ref. No.</b>
CoolMatic MRR 07	9106300027

# Built-in compressor cooler

## High performance, compact size

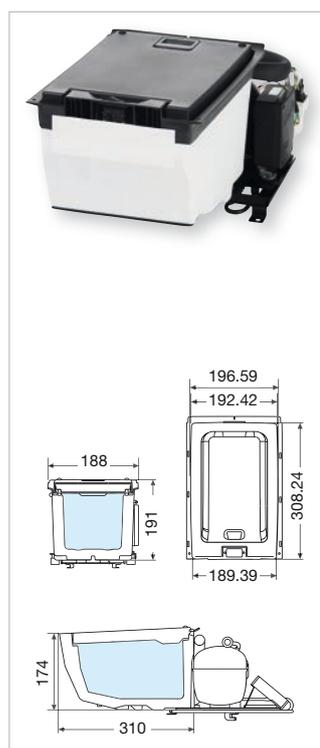
About 5 litres storage for temperature-sensitive freight is provided by the WAECO CoolFreeze MC 045. High-performance compressor technology and the **factory preset fixed temperature** of +5°C qualify this cooler for temperature controlled transport. With its compact outside dimensions it can be fitted just about anywhere in the vehicle. The detachable cooling unit can be installed up to 0.5 metres away from the cooler.



### WAECO CoolFreeze MC 045

Built-in cooling device with compressor

4.09



<b>Gross capacity</b>	approx. 5 litres
<b>Connection voltage</b>	12 volts DC
<b>Average power consumption</b>	45 watts, depending on the ambient temperature
<b>Temperature range</b>	Fixed point temperature at +5°C
<b>Insulation</b>	Polyurethane
<b>System</b>	Fully hermetic compressor with integrated control electronics, low voltage protection, electronic fuse / automatic reverse pole protection, dynamically-ventilated heat exchanger,
<b>Material</b>	Exterior: styrofoam. Interior: PVC
<b>Dimensions (W x D)</b>	192.42 x 308.24 mm (installation space)
<b>Weight</b>	approx. 7.6 kg
<b>Quality features</b>	Factory set fixed point temperature at +5°C, on / off switch, LED status display. <b>For small space requirements, the unit can be installed separately from the model at a distance of up to 0.5 m.</b>
<b>Test marks</b>	e-approved (Automotive EMC Directive)
<b>Product</b>	<b>Ref. No.</b>
CoolFreeze MC 045	9105100004



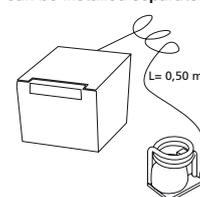
+5°C Fixed point temperature



12 volts

Certified according to  
DIN 75079

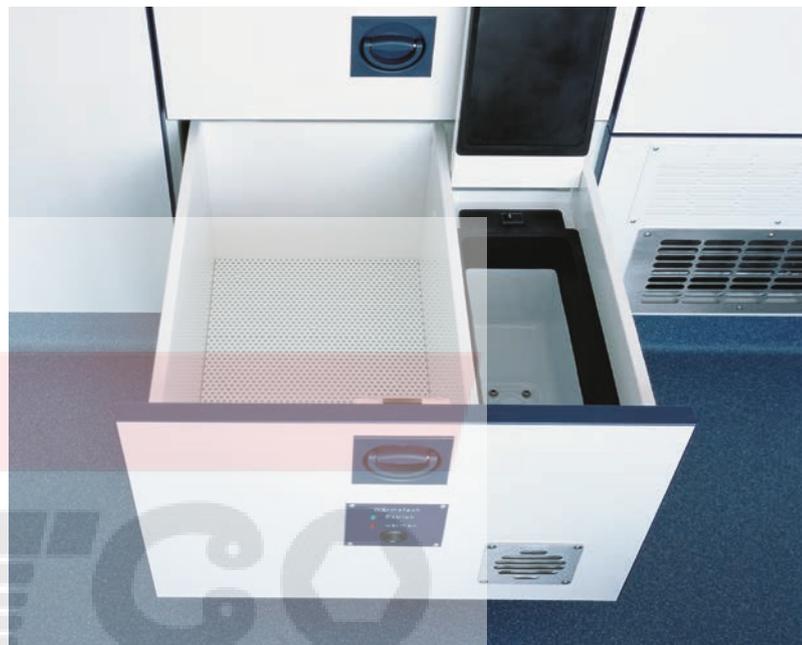
Cooling unit  
can be installed separately



# Thermoelectric built-in cooler

## Sensitive freight on board. Temperature sensitive products

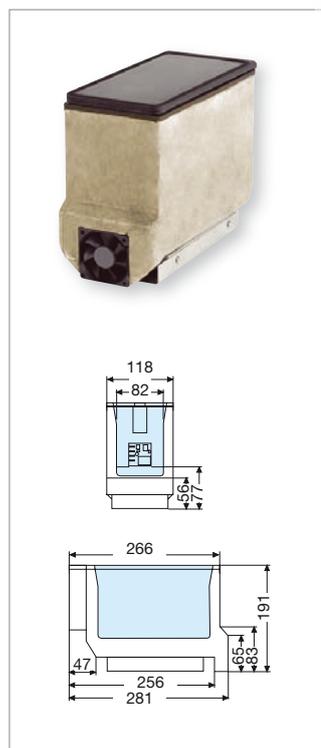
Compact, low-cost, safe: the temperature inside the thermoelectric WAECO cooler is limited at +5°C by an electric circuit which makes it suitable for transport of temperature-sensitive products. Reliable cooling up to 20°C below the ambient temperature. Extra benefit: the small 2.5 litre unit fits perfectly into the drawer where it can be permanently wired to prevent theft.



### WAECO TropiCool TB W203

Thermoelectric built-in cooler

4.09



<b>Gross capacity</b>	approx. 2.5 litres
<b>Connection voltage</b>	12 volts DC
<b>Average power consumption</b>	30 watts, depending on ambient temperature
<b>Temperature range</b>	up to 20°C below ambient temperature fixed point temperature set to +5°C
<b>Insulation</b>	Polyurethane
<b>System</b>	Maintenance free thermoelectrics, aluminium heat exchanger with dynamic air circulation, low-voltage protection with battery monitor (cut-off at 11.7 volts; cut-in at: 12.7 volts)
<b>Material</b>	Exterior: styrofoam. Interior: aluminium
<b>Weight</b>	approx. 1.5 kg
<b>Quality features</b>	Interior temperature limited at +5°C by an electronic circuit, reliable cooling up to 20°C below the ambient temperature, permanent (theft-proof) installation in a drawer, cabinet or worktop, practical fold-up lid, ON/OFF switch with status indication

**Test marks** TÜV/GS, e-approved (Automotive EMC Directive)

Does not comply with DIN 75079 specifications

Product	Ref. No.
TropiCool TB W203	9103540108



Up to 20 °C below ambient temperature



12 volts

## Cooling container with compressor technology turns your van into a refrigerated vehicle



**A perfectly equipped refrigerated vehicle can be yours without lifting a tool with the WAECO CoolFreeze 850VAN compressor cooling container.** The spacious 850 litre cooler is simply secured to the cargo floor with straps and hooks\*. **The cooler can be removed cleanly at any time.**

Energy for cooling comes from the 12 volt vehicle battery, a 230 volt mains supply or the rechargeable 12 volt gel battery integrated within the cooler\*.

The WAECO CoolFreeze 850VAN comes in three different models: the affordable basic version (CoolFreeze 850VAN BU), the fully equipped cooling container (CoolFreeze 850VAN) or with an integrated heating function to ensure the transport temperature is maintained even at low outside temperatures (CoolFreeze 850VAN HF).

### Up to 16 hours of independent power supply

If no power source is available when in use, the temperature set is maintained for up to 8 hours using the 12 volt gel battery integrated as standard. With a second battery (optional accessory) this period can be doubled to 16 hours. A battery charger is included in the scope of delivery\*.



\* Only for CoolFreeze 850VAN and 850VAN HF.

# WAECO CoolFreeze 850VAN

## Compressor cooling container for vans

	CF 850VAN BU	CF 850VAN	850VAN HF
<b>Reference. No.</b>	9105500516	9105500500	9105500492
<b>Gross capacity (l, approx)</b>	850 litres	850 litres	850 litres
<b>Voltage</b>	12 volts DC 220 – 240 volts AC	12 volts DC 220 – 240 volts AC	12 volts DC 220 – 240 volts AC
<b>Temperature range (approx.)</b>	0°C to +12°C 	0°C to +12°C 	0°C to +30°C Heating mode up to 40°C above ambient temperature 
<b>Dimensions (W x H x D)</b>		1100 x 1000 x 1400 mm	
<b>Weight</b>	128 kg	160 kg	160 kg



### Inside the three models

	CoolFreeze 850VAN BU	CoolFreeze 850VAN	CoolFreeze 850VAN HF
Digital temperature readout	•	•	•
Visual and acoustic alarm	•	•	•
Dual magnetic seal	•	•	•
External interface for alarm function	–	•	•
Interior opening possible	•	•	•
Integrated 12 volt gel battery	–	•	•
Charger for gel battery	–	•	•
Heating function	–	–	•
No frost air circulation cooling system	•	•	•
Stainless steel grill rack	–	•	•
Lashing strap set	–	•	•
Collection container for condensation	–	•	•
Fastening rail	–	•	•
Document holder	–	•	•
Multi LED	–	•	•

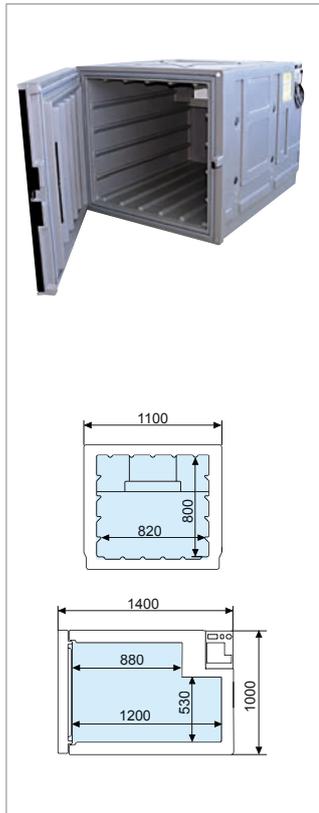
### Accessories

Stainless steel grill rack, large	9105500414	9105500414	9105500414
Stainless steel grill rack, small, top	9105500415	9105500415	9105500415
Extra battery set	–	9105500420	9105500420
Universal connection set 12 volt	9105500413	9105500413	9105500413
Fastening rail	9105500518	–	–
Strap set	9105500517	–	–

## WAECO CoolFreeze 850VAN BU

Compressor cooling container for vans, basic version

4.25



<b>Gross capacity</b>	850 litres
<b>Voltage</b>	12 volts DC, 220 – 240 volts AC
<b>Average power consumption</b>	max. 150 watts at 12 volts DC max 220 watts at 220 – 240 volts AC
<b>Temperature range</b>	0°C to +12°C
<b>Insulation</b>	Polyurethane
<b>System</b>	Fully hermetic DC compressor and no frost air circulation system
<b>Material</b>	HDPE (high-density polyethylene) / polyurethane
<b>Colour</b>	Grey
<b>Dimensions (W x H x D)</b>	1100 x 1000 x 1400 mm
<b>Weight</b>	128 kg
<b>Scope of delivery</b>	Cable set, operating manual
<b>Quality features</b>	Low energy consumption through optimised insulation, digital temperature readout with accurate set point adjustment, visual and acoustic temperature alarm, dual magnetic seal, transport proof closing system (can also be opened from inside)
<b>Compliance</b>	TÜV/GS, E1, ATP, HACCP compliant, 74/408/EEC



At ambient temperatures of up to 43°C:  
Temperature range 0°C to +12°C



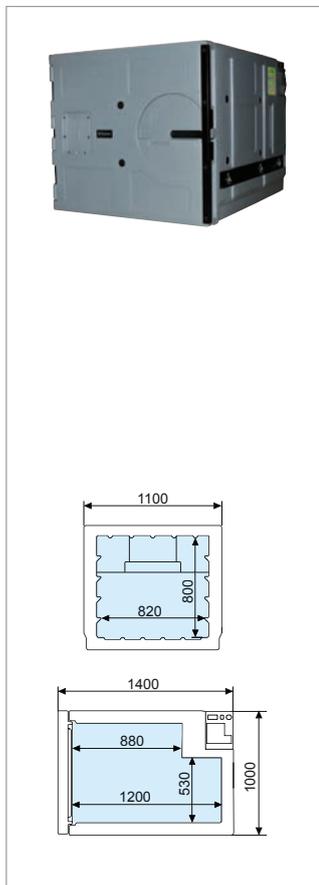
12 / 230 volts

Product	Ref. No.
CoolFreeze 850VAN BU	9105500516

## WAECO CoolFreeze 850VAN

Compressor cooling container for vans

4.25



<b>Gross capacity</b>	850 litres
<b>Voltage</b>	12 volts DC, 220 – 240 volts AC
<b>Average power consumption</b>	max. 150 watts at 12 volts DC max. 220 watts at 220 – 240 volts AC (during battery charging 360 watts)
<b>Temperature range</b>	0°C to +12°C
<b>Insulation</b>	Polyurethane
<b>System</b>	Fully hermetic DC compressor with mains adapter, battery charger for integrated gel battery and no frost air circulation system
<b>Material</b>	HDPE (high-density polyethylene) / polyurethane
<b>Colour</b>	Grey
<b>Dimensions (W x H x D)</b>	1100 x 1000 x 1400 mm
<b>Weight</b>	160 kg
<b>Scope of delivery</b>	Cable set, integrated gel battery, 1 stainless steel grill rack large, lashing strap set, operating manual, external interface for alarm function, collection container for condensation, DIN A5 document holder
<b>Quality features</b>	Independent operation for up to 8 hours with battery integrated as standard, or up to 16 hours with second battery available as optional extra, air circulation system provides optimum temperature regulation, low energy consumption through optimised insulation, digital temperature readout with accurate set point adjustment, separate control and display sensor, visual temperature alarm, external interface for alarm function, dual magnetic seal, high-performance multi-LED interior light, lashing eyes on the sides of the unit, fast and secure fastening with lashing strap set supplied as standard, transport proof closing system (can also be opened from inside), simultaneous cargo cooling and internal battery charging
<b>Compliance</b>	TÜV/GS, E1, ATP, HACCP compliant, 74/408/EEC, crash tested according to ECE R80



At ambient temperatures of up to 43°C:  
Temperature range 0°C to +12°C



12 / 230 volts

Integrated gel battery

Up to 16 hours cooling with additional battery

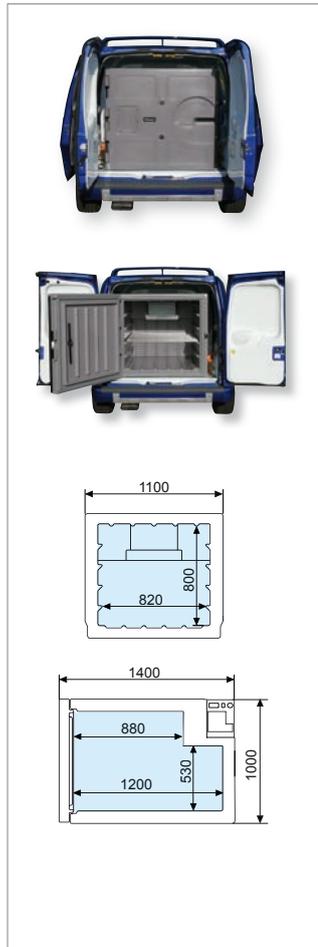
LED interior light

Product	Ref. No.
CoolFreeze 850VAN	9105500500

## WAECO CoolFreeze 850VAN HF

4.25

Compressor cooling container for cans, with heating function



<b>Gross capacity</b>	850 litres
<b>Voltage</b>	12 volts DC, 220 – 240 volts AC
<b>Average power consumption</b>	max. 170 watts at 12 volts DC max. 220 watts at 220 – 240 volts AC (during battery charging 360 watts)
<b>Temperature range</b>	0°C to +30°C; heating mode: up to 40°C above ambient temperature
<b>Insulation</b>	Polyurethane
<b>System</b>	Fully hermetic DC compressor with mains adapter, battery charger for integrated gel battery and no frost air circulation system
<b>Material</b>	HDPE (high-density polyethylene) / polyurethane
<b>Colour</b>	Grey
<b>Dimensions (W x H x D)</b>	1100 x 1000 x 1400 mm
<b>Weight</b>	160 kg
<b>Scope of delivery</b>	Cable set, integrated gel battery, 1 stainless steel grill rack large, lashing strap set, operating manual, external interface for alarm function, collection container for condensation, DIN A5 document holder

**Quality features**

Switches automatically to heating function at low outside temperatures, no frost air circulation cooling system for optimal temperature regulation, independent operation for up to 8 hours with battery integrated as standard, or up to 16 hours with second battery available as optional extra, low energy consumption through optimised insulation, digital temperature readout with accurate set point adjustment, separate control and display sensor, visual and acoustic temperature alarm, external interface for alarm function, dual magnetic seal, high-performance multi-LED interior light, lashing eyes on the sides of the unit, fast and secure fastening with lashing strap set supplied as standard, transport proof closing system (can also be opened from inside), simultaneous cargo cooling and internal battery charging, door contact switches off fans when door is opened.

**Compliance**

TÜV/GS, E1, ATP, HACCP compliant, 74/408/EEC, crash tested according to ECE R80

<b>Product</b>	<b>Ref. No.</b>
CoolFreeze 850VAN HF	9105500492



At ambient temperatures of up to 43°C:  
Temperature range 0°C to +30°C



Heating mode:  
up to 40°C above ambient temperature



12 / 230 volts

Integrated gel battery  
Up to 16 hours cooling with additional battery

LED interior light



Fits the following types of vans with rear right-hand-side door; other vehicles on request.

Vehicle	Width, top	Width, bottom	Height	Depth
<b>FORD Transit connect</b>	1190	1220	1090	1460
<b>FIAT Doblo</b>	1160	1200	1180	1420
<b>RENAULT Kangoo</b>	1140	1220	1100	1450
<b>CITROËN Berlingo</b>	1120	1220	1100	1500
<b>PEUGEOT Partner / Tepee</b>	1400	1230	1070	1600



**NEW**

## Custom solutions for veterinary use

Compressor appliances with preset fixed point temperature

Two certified custom solutions for veterinary use: The factory preset fixed point temperature of +5°C is reliably maintained with an accuracy of  $\pm 1^\circ\text{C}$ . This means that heat sensitive products and preparations can be transported without compromising quality.

### Practical drawer solution:

WAECO CoolMatic CRD 50S

- Fixed point temperature at +5°C ( $\pm 1^\circ\text{C}$ )
- Interior fan ensures even temperature regulation
- Digital temperature readout integrated in stainless steel integration frame – no tampering possible
- Interior light



**Tip!**

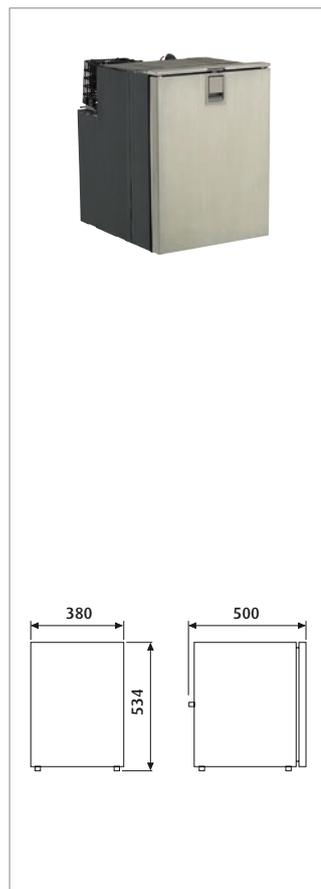
All optional features on pages 20/21 can be ordered additionally in accordance with customer wishes

WAECO CoolMatic CR 50S: high quality telescopic rails and double function door lock (closure / air flow)

## WAECO CoolMatic CRD 50S

4.24

Compressor drawer refrigerator with stainless steel front



<b>Storage volume</b>	approx. 50 litres
<b>Voltage</b>	12/24 V DC
<b>Average power consumption</b>	approx. 40 Watts
<b>Temperature range</b>	Fixed point temperature set at +5°C (±1°C) *
<b>Insulation</b>	PU full foam insulation
<b>System</b>	Fully hermetic compressor with integrated control electronics, low voltage protection, electronic fuse/automatic reverse pole protection, mechanical continuously adjustable thermostat
<b>Material</b>	Body: coated metal frame Inner containers: plastic, Fittings: stainless steel Door: stainless steel (V4A)
<b>Colour</b>	Housing: black; Door: stainless steel
<b>Weight</b>	Approx. 20 kg
<b>Quality features</b>	Optimal temperature regulation through additional integrated interior vaporiser, condensation drain in floor and rear wall, double function door lock (closure / air flow)



+5°C  
fixed point temperature  
(±1°C)



12/24 V DC

Product	Ref. No.
CoolMatic CRD 50S	9105305621
* DT-02 (necessary accessory)	9103540002 see page 20/21
<b>Accessory</b>	
Standard installation frame	9105305676
Flush-mount installation frame	9105305671

## WAECO CoolMatic HDC 155FF

4.06

Built-in refrigerator with compressor



<b>Storage volume</b>	approx. 117 litres
<b>Voltage</b>	12/24 V DC
<b>Average power consumption</b>	approx. 36 Watts
<b>Temperature range</b>	Fixed point temperature set at +5°C (±1°C) *
<b>Insulation</b>	PU full foam insulation
<b>System</b>	Fully hermetic high performance compressor with integrated control electronics, low voltage protection, electronic fuse/automatic reverse pole protection, mechanical continuously adjustable thermostat
<b>Material</b>	Body and doors, sheet steel; inner container, impact resistant polystyrene
<b>Colour</b>	Housing, interior door panel and inner container white
<b>Weight</b>	Approx. 32 kg
<b>Quality features</b>	Interior light, door with magnetic seal, door hinges and lock variable right / left



+5°C  
fixed point temperature  
(±1°C)



12/24 V DC

Product	Ref. No.
CoolMatic HDC 155FF	9105203894
* DT-02 (necessary accessory)	9103540002 see page 20/21

## Custom solutions for food service and refrigerated transport – tailor-made with extra modules to suit specific customer needs



- Cooling and freezing appliances with high-performance compressor technology
- Cooler and warmer cabinets (thermoelectric or with highly effective insulation)

## For a continuous cold chain

### Spacious containers with compressor cooling system

**Powerful cooling with variable, norm-compliant interior features: the cooling containers from the Dometic WAECO range (p. 34/35) were specifically designed for catering use and are suitable for other temperature-controlled transport applications as well.**

Fitted with a high-performance compressor system this ensures a continuous cold chain is maintained for

professional use. Four different sizes are available – 134, 370, 612 and 920 litres. All models feature electronic temperature regulation. Energy for cooling comes from the mains. Dual AC/DC versions are also available on request (standard only for model RF120). A battery operated acoustic alarm signals if the power supply is interrupted.



## Warm and cold food on the move®

### Transport container fitted for catering use

**Ideal for transport on long distances: the Dometic GB 24 PLUS (p. 36) keeps cold or warm food at the right temperature for at least twelve hours.** The thermoelectric cooler and warming cabinet was specifically designed for use with Gastronorm (GN) pans. It can optionally be fitted with feet or wheels. If required, two cabinets (without wheels or feet) can be stacked on top of each other.

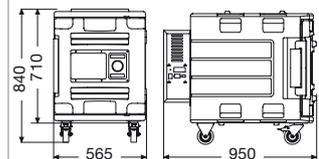
The range is complemented with robust **insulated containers for transport and dispensing of food and beverages (p. 36/37).** Offering superior thermal insulation, they qualify for catering and party service use as well as for food service at major events.



## Dometic R 120

Mobile compressor refrigerators for temperature-controlled transport

4.25



<b>Gross capacity</b>	134 litres
<b>Voltage</b>	12/24 volts DC, 110 – 230 volts AC
<b>Nominal power</b>	85 W
<b>Temperature range</b>	Interior temperature adjustable between +2°C and +10°C
<b>Insulation</b>	Polyurethane
<b>System</b>	High performance compressor, electronic temperature regulation, forced air ventilation
<b>Material (cabinet and door)</b>	HDPE (high-density polyethylene)
<b>Colour</b>	Grey
<b>External dimensions (WxHxD)</b>	565 x 840 x 950 mm
<b>Interior dimensions (WxHxD)</b>	430 x 500 x 605 mm
<b>Weight</b>	42 kg
<b>Quality features</b>	Robust construction, electronically regulated internal temperature, temperature deviation alarm, battery operated acoustic alarm in the event of power failure, various configurations possible, 4 wheels, 2 front wheels with brakes, removable silicone gasket, DIN A5 document holder, 12/24 volts DC connection plug, compatible with Euronorme 400 x 600 mm dimensions



At ambient temperatures of up to +43°C:  
Temperature range +2°C to +10°C



12/24/110 – 230 volts

Specifically developed to maintain the cold chain in professional applications

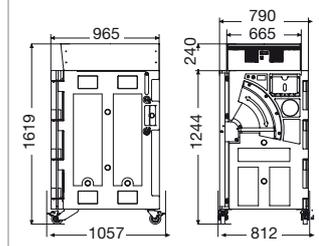
Variety of different configurations

Product	Ref. No.
Dometic R 120	9105500228
<b>Optional extras</b>	
Rack for Gastronorm containers (GN)	9105500482*
R 120 rack system with two stainless steel separation shelves	9105500484

\* 2 units required

## Dometic RF 400 Basic

Mobile compressor refrigerators for temperature-controlled transport



<b>Gross capacity</b>	370 litres
<b>Voltage</b>	230 V AC
<b>Nominal power</b>	180 watts (300 watts during the defrost cycle)
<b>Temperature range</b>	Interior temperature adjustable between +12°C and -20°C
<b>Insulation</b>	Polyurethane
<b>System</b>	Compressor, electronic temperature regulation, forced air ventilation
<b>Material (cabinet and door)</b>	HDPE (high-density polyethylene)
<b>Colour</b>	Grey
<b>External dimensions (WxHxD)</b>	790 x 1624 x 965 mm
<b>Interior dimensions (WxHxD)</b>	590 x 874 x 715 mm
<b>Weight</b>	128 kg
<b>Quality features</b>	Robust construction, electronically regulated internal temperature, temperature deviation alarm, battery operated acoustic alarm in the event of power failure, automatic defrosting, all wheels with brakes, integrated handles for ease of use, removable double gasket, 270° door opening, lockable door, fully replaceable cooling system. Dual 12 volts DC / 230 volts AC or 24 volts DC / 230 volts AC available on request.



At ambient temperatures of up to 43°C:  
Temperature range +12°C to -20°C



230 Volt AC

12 or 24 volt operation possible by using the respective inverter.

Specifically developed to maintain the cold chain in professional applications

Double function as both refrigerator and freezer

Automatic defrosting

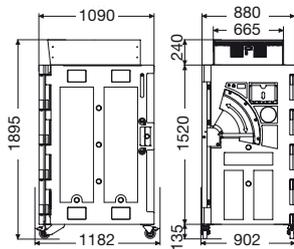
Product	Ref. No.
Dometic RF 400 Basic	9105500507
<b>Optional extras</b>	
Support rack system for separation shelves (Stainless steel)	9105500501*
Stainless steel separation shelf (532 x 675 mm) with fixation profiles	9105500504**
Sine wave inverter, MSI 912, 12 volts, 900 watts	9102600111
Sine wave inverter, MSI 924, 24 volts, 900 watts	9102600112

\* Supplied in kit, to be assembled \*\* Requires support rack system 9105500501

### Dometic RF 650 Basic

Mobile compressor refrigerators for temperature-controlled transport

4.25



<b>Gross capacity</b>	612 litres
<b>Voltage</b>	230 V AC
<b>Nominal power</b>	180 watts (300 watts during the defrost cycle)
<b>Temperature range</b>	Interior temperature adjustable between +12°C and -20°C
<b>Insulation</b>	Polyurethane
<b>System</b>	Compressor, electronic temperature regulation, forced air ventilation
<b>Material (cabinet and door)</b>	HDPE (high-density polyethylene)
<b>Colour</b>	Grey
<b>External dimensions (W x H x D)</b>	880 x 1900 x 1090 mm
<b>Interior dimensions (W x H x D)</b>	660 x 1130 x 820 mm
<b>Weight</b>	158 kg
<b>Quality features</b>	Robust construction, electronically regulated internal temperature, temperature deviation alarm, battery operated acoustic alarm in the event of power failure, automatic defrosting, compatible with Euronorme containers 400 x 600 mm, all wheels with brakes, integrated handles for ease of use, removable double gasket, 270° door opening, lockable door, fully replaceable cooling system, dual 12 volts DC / 230 volts AC or 24 volts DC / 230 volts AC available on request

Product	Ref. No.
Dometic RF 650 Basic	9105500510
<b>Optional extras</b>	
Support rack system for separation shelves (Stainless steel)	9105500502*
Stainless steel separation shelf (600 x 790 mm) with fixation profiles	9105500505**
Sine wave inverter, MSI 912, 12 volts, 900 watts	9102600111
Sine wave inverter, MSI 924, 24 volts, 900 watts	9102600112

\* Supplied in kit, to be assembled \*\* Requires support rack system 9105500502



At ambient temperatures of up to 43°C:  
Temperature range +12°C to -20°C



230 Volt AC

12 or 24 volt operation possible by using the respective inverter.

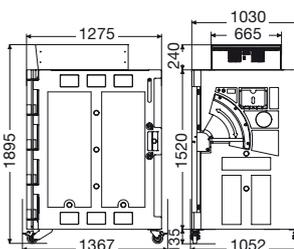
Specifically developed to maintain the cold chain in professional applications

Double function as both refrigerator and freezer

Automatic defrosting

### Dometic RF 1000 Basic

Mobile compressor refrigerators for temperature-controlled transport



<b>Gross capacity</b>	920 litres
<b>Voltage</b>	230 V AC
<b>Nominal power</b>	180 watts (300 watts during the defrost cycle)
<b>Temperature range</b>	Interior temperature adjustable between +12°C and -20°C
<b>Insulation</b>	Polyurethane
<b>System</b>	Compressor, electronic temperature regulation, forced air ventilation
<b>Material (cabinet and door)</b>	HDPE (high-density polyethylene)
<b>Colour</b>	Grey
<b>External dimensions (W x H x D)</b>	1030 x 1900 x 1275 mm
<b>Interior dimensions (W x H x D)</b>	810 x 1130 x 1005 mm
<b>Weight</b>	181 kg
<b>Quality features</b>	Robust construction, electronically regulated internal temperature, temperature deviation alarm, battery operated acoustic alarm in the event of power failure, automatic defrosting, all wheels with brakes, integrated handles for ease of use, removable double gasket, 270° door opening, lockable door, fully replaceable cooling system. Dual 12 volts DC / 230 volts AC or 24 volts DC / 230 volts AC available on request.

Product	Ref. No.
Dometic RF 1000 Basic	9105500513
<b>Optional extras</b>	
Support rack system for separation shelves (Stainless steel)	9105500503*
Stainless steel separation shelf (758 x 976 mm) with fixation profiles	9105500506**
Sine wave inverter, MSI 912, 12 volts, 900 watts	9102600111
Sine wave inverter, MSI 924, 24 volts, 900 watts	9102600112

\* Supplied in kit, to be assembled \*\* Requires support rack system 9105500503

### Dometic GB 24 PLUS / GB 24

4.25

Unique thermoelectric cooler and warmer cabinet (GB 24 PLUS) and superior insulated container (GB 24) for transport of prepared meals in Gastronorm containers



	GB 24 PLUS	GB 24
<b>Gross capacity</b>	92 litres	100 litres
<b>Voltage</b>	12 volts DC, 110 – 230 volts AC	–
<b>Nominal power</b>	66 watts at 12 volts DC, 100 watts at 110 – 230 volts AC	–
<b>Temperature range</b>	Maintains temperature of cold meals under critical +7°C for extended period of time, maintains temperature of warm meals above critical +65°C for an extended period of time	Autonomy > 6 h (cold or hot meals can still be consumed safely (temperature/taste))
<b>Isolation</b>	Polyurethane	Polyurethane
<b>System</b>	Robust insulated cabinet with active thermoelectric system for superior performance	Robust insulated cabinet
<b>Material (cabinet and door)</b>	HDPE (high-density polyethylene)	HDPE (high-density polyethylene)
<b>Colour</b>	Grey	Grey
<b>External dimensions (W x H x D)</b>	520 x 705 x 785 mm 520 x 840 – 940 x 785 mm (with feet) 520 x 835 x 785 mm (with wheels)	520 x 705 x 785 mm 520 x 840 – 940 x 700 mm (with feet) 520 x 835 x 700 mm (with wheels)
<b>Weight</b>	26 kg	19 kg
<b>Quality features</b>	Keeps food warm or cold for extended catering activities, simple switch-over between cooling and warming function, digital readout of the interior temperature, 2 cabinets can be stacked on top of each other (without wheels or feet), removable food-grade silicone gasket, door opening up to 270°, DIN A5 document holder, robust construction, cable management system, connection for 12 volts DC operation	Keeps food warm or cold for catering activities, 2 cabinets can be stacked on top of each other (without wheels or feet), removable food-grade silicone gasket, door opening up to 270°, DIN A5 document holder, robust construction

Product	Ref. No.
Dometic GB 24 PLUS	9105500308
Dometic GB 24	9105500305
<b>Optional accessories</b>	
Set of 2 rotating wheels, with brake & 2 fixed castors	9105500470
Adjustable stainless steel feet (4 pieces)	9105500469

**GB 24 PLUS**

**12/110 – 230 volts**

**Up to +80°C in heating mode:**

**Keeps food warm or cold for at least 12 hours**

**Suitable for Gastronorm containers**

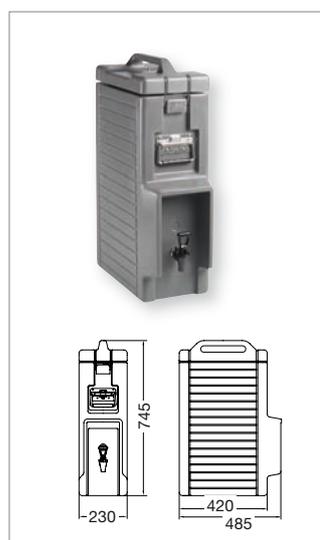
**7 GN levels for GB 24 PLUS (each spaced 57 mm apart)**

**8 GN levels for GB 24 (each spaced 57 mm apart)**

### Dometic GB 6T

4.25

Superior insulated container for transport and dispensing of cold and hot beverages, with Stainless steel inner liner



<b>Gross capacity</b>	23.5 litres
<b>Maximum temperature of beverage</b>	+100°C
<b>Autonomy*</b>	> 6 h
<b>Material</b>	Outer container and lid: HDPE Inner container and inner lid: stainless steel
<b>Colour</b>	Grey
<b>Dimensions (W x H x D)</b>	230 x 745 x 485 mm
<b>Weight</b>	10.3 kg
<b>Quality features</b>	Superior insulation performance, robust construction with integrated handle, stackable, stainless steel inner lining for improved hygiene, easy to clean, spigot, gasket, 2 stainless steel closing latches, removable Stainless steel lid, Stainless steel vent valve, removable food-grade silicone gasket

\* Autonomy means the period of time after which the beverages are still safe to be consumed in terms of temperature and taste.

Product	Ref. No.
Dometic GB 6T	9105500495

**Keeps beverages warm or cold for at least 6 hours**

**Maximum beverage temperature +100°C**

**Excellent insulation**

**Perfect hygiene**

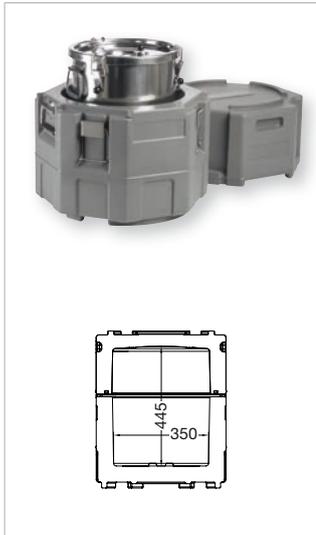
**Does not alter the taste of the beverage**



### Dometic GB 10

Superior insulated container with integrated 24L Stainless steel cooking pot

4.25



<b>Gross capacity</b>	24 litres (net)
<b>Maximum temperature</b>	+90°C
<b>Autonomy*</b>	> 10 h
<b>Material</b>	Outer container and lid: HDPE Cooking pot and lid: 1.5 mm Stainless steel
<b>Colour</b>	Grey
<b>Dimensions (W x H x D)</b>	485 x 590 x 485 mm
<b>Weight</b>	20 kg (fully loaded: < 50 kg)
<b>Quality features</b>	Superior insulation performance, robust construction with 2 fold-out carrying handles, 4 Stainless steel closing latches, stackable, removable food-grade silicone gasket, 24-litres Stainless steel cooking pot with 3 Stainless steel closing latches and 2 handles with heat protection, Stainless steel lid with safety valve and removable food-grade silicone gasket, heat-resistant cooking pot support

\* Autonomy means the period of time after which the food or beverage is still safe to be consumed in terms of temperature and taste.

Product	Ref. No.
Dometic GB 10	9105500494



Keeps food warm or cold for at least 10 hours

With 24-litre cooking pot

Excellent insulation

Perfect hygiene

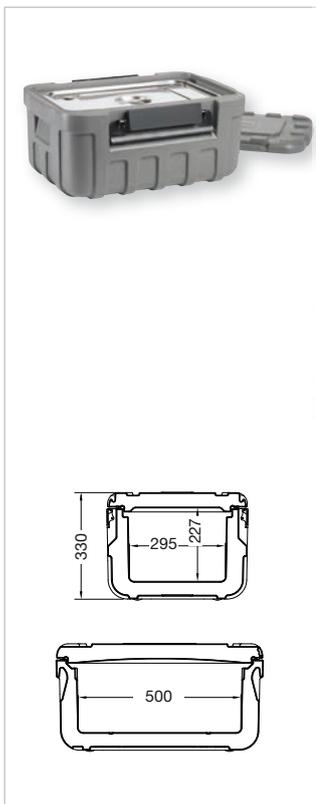
Maintains the original taste of the food

Cooking pot can be used to prepare meals or to rewarm food or beverages

### Dometic GB 7 Compact L

Superior insulated container for transport and dispensing of prepared meals in Gastronorm containers

4.25



<b>Gross capacity</b> (empty)	31,5 litres
with 1 x GN 1/1 200 mm	26 litres
with 2 x GN 1/2 200 mm	22,6 litres
with 3 x GN 1/3 200 mm	21 litres
<b>Maximum temperature</b>	+85°C
<b>Autonomy*</b>	> 6 h
<b>Material</b>	Outer container and lid: HDPE Optional GN containers and lids: stainless steel
<b>Colour</b>	Grey
<b>Dimensions (W x H x D)</b>	640 x 330 x 434 mm
<b>Weight</b>	8,5 kg (without GN containers)
<b>Quality features</b>	Superior insulation performance, compact, robust construction with integrated grips for improved handling, stackable, replaceable food-grade silicone gasket, 2 large closing latches, designed for Gastronorm containers up to 200 mm in depth (1 x GN 1/1, 2 x GN 1/2 or 3 x GN 1/3)

\* Autonomy means the period of time after which the food or beverage is still safe to be consumed in terms of temperature and taste.



Product	Ref. No.
Dometic GB 7	9105500217
<b>Optional Gastronorm containers (GN)</b>	supplied separately *
GN 1/1 200 mm (Stainless steel)	
GN 1/2 200 mm (Stainless steel)	
GN 1/3 200 mm (Stainless steel)	
GN lids with vulcanised silicone gasket and Dometic safe vent system to prevent external contamination and minimise food pillage	



Keeps food warm or cold for at least 6 hours

Suitable for use with Gastronorm containers up to 200 mm in depth

Compact design

Excellent insulation





## Designed for the toughest conditions!

Passive insulated boxes for the food service industry

**Hot outside temperatures, shock and impact during transport, frequent opening and closing, packing and stacking – WAECO Cool-Ice boxes take it all with ease.**

Solid workmanship and many handy details qualify them for professional use in the food service industry. Equipped with

ice, ice cubes or freezer packs they keep foodstuffs fresh for a longer time. The highly effective insulation, combined with an intelligent labyrinth sealing, takes care of that. The range includes seven sizes – from 13 to 111 litres. All boxes are convenient to transport and easy to clean. The larger boxes (WCI-42 up) are fitted with a water drain on the side.



WCI-13 and WCI-22 with shoulder strap.



Sturdy, ergonomic polyethylene handles (WCI-42 and larger) for easy transport by one or two persons.



Extremely robust tie-down hooks (WCI-42 up) – integrated in the anchorage of the handles.

# WAECO Cool-Ice passive coolboxes

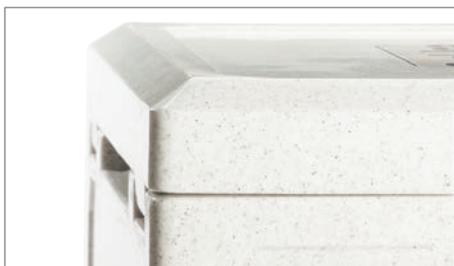
## Cold storage for highest demands

- Extremely low heat absorption
- Highly effective polyurethane foam insulation combined with a very efficient labyrinth seal
- High-quality, UV-resistant plastic material
- Very sturdy construction, rotation-moulded for a “seamless” finish
- Integrated hinges with stainless steel rods
- Hard-wearing ABS closures with stainless steel bolts
- Integrated polyethylene feet for better stability and slip resistance
- Sturdy, ergonomically shaped handles (WCI-42 up)
- Robust tie-down straps to secure the boxes in place (WCI-42 up)
- Convenient shoulder strap (WCI-13/-22)
- Practical (melted ice) drain (WCI-42 up)
- Food safe and easy to clean
- Optimised ratio of volume and weight
- Available in seven sizes: 13, 22, 41, 55, 68, 86, 111 litres



WAECO Cool-Ice Product	Ref. No.	Capacity (litres)	Dimensions (L x H x D incl. handles)	Weight (kg)
WAECO Cool-Ice WCI-13	9108400056	13	388 x 305 x 245 mm	2.8
WAECO Cool-Ice WCI-22	9108400060	22	388 x 318 x 365 mm	4.2
WAECO Cool-Ice WCI-42	9108400062	41	635 x 337 x 390 mm	7.5
WAECO Cool-Ice WCI-55	9108400067	55	565 x 420 x 485 mm	9.3
WAECO Cool-Ice WCI-70	9108400071	68	685 x 420 x 485 mm	10.4
WAECO Cool-Ice WCI-85	9108400073	86	835 x 435 x 495 mm	13.1
WAECO Cool-Ice WCI-85W with wheels	9108400215	86	835 x 435 x 495 mm	13.8
WAECO Cool-Ice WCI-110	9108400054	111	1050 x 440 x 510 mm	15.7

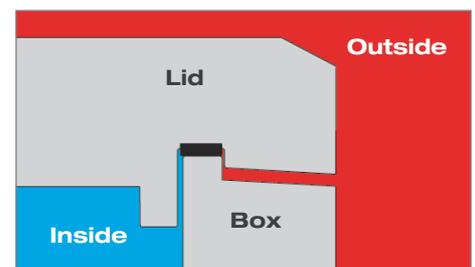
## Pre-chill then pack them!



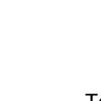
Fully integrated hinges with stainless steel rods for more stability and smooth contours.



Sturdy ABS closures with stainless steel bolts. Easy operation one handed



The labyrinth sealing prevents warm air from entering the interior of the box.

	Thermoelectric coolers		Ref. No.	Page
WAECO TropiCool 	WAECO TropiCool TC 07	12 V DC and 230 V AC	9105302036	8
	WAECO TropiCool TC 14FL	12/24 V DC and 230 V AC	9105302046	8
	WAECO TropiCool TC 21FL	12/24 V DC and 230 V AC	9105302085	9
	WAECO TropiCool TC 35FL	12/24 V DC and 230 V AC	9105302110	9
	<b>Compressor coolers</b>			
WAECO CoolFreeze CDF 	WAECO CoolFreeze CDF 11	12/24 V DC	9105100007	14
	WAECO CoolFreeze CDF 16	12/24 V DC	9105303455	14
WAECO CoolFreeze CFX 	WAECO CoolFreeze CDF 18 /18T	12/24 V DC	9105100002 /-6	15
	WAECO CoolFreeze CDF 25	12/24 V DC	9105100003	15
WAECO CoolFreeze CFX 	WAECO CoolFreeze CFX 35	12 / 24 V DC and 100 – 240 V AC	9105304047	17
	WAECO CoolFreeze CFX 40	12 / 24 V DC and 100 – 240 V AC	9105304048	17
WAECO CoolFreeze CF 	WAECO CoolFreeze CFX 50	12 / 24 V DC and 100 – 240 V AC	9105304049	18
	WAECO CoolFreeze CFX 65	12 / 24 V DC and 100 – 240 V AC	9105304050	18
WAECO CoolMatic 	WAECO CoolFreeze CF 80	12 / 24 V DC and 100 – 240 V AC	9105303248	19
	WAECO CoolFreeze CF 110	12 / 24 V DC and 100 – 240 V AC	9105303102	19
	<b>Built-in refrigerators with compressor / Built-in heating cabinet</b>			
WAECO CoolMatic 	WAECO CoolMatic MH 07	12 V DC	9106300025	22
	WAECO CoolMatic MR 07	12 V DC	9106300026	23
WAECO CoolMatic 	WAECO CoolMatic MRR 07	12 V DC	9106300027	23
	WAECO CoolMatic CRD 50S	12/24 V DC	9105305621	31
WAECO CoolFreeze MC 045 	WAECO CoolMatic HDC 155FF	12/24 V DC	9105203894	31
	<b>Built-in cooling device with compressor</b>			
WAECO CoolFreeze 	WAECO CoolFreeze MC 045	12 V DC	9105100004	24
	<b>Thermoelectric built-in cooler</b>			
WAECO CoolFreeze 	WAECO TropiCool TB W203	12 V DC	9103540108	25
	<b>Catering refrigerators</b>			
WAECO CoolFreeze 	WAECO CoolFreeze 850VAN BU	12 V DC, 220 – 240 V AC	9105500516	28
	WAECO CoolFreeze 850VAN	12 V DC, 220 – 240 V AC	9105500500	28
WAECO TropiCool 	WAECO CoolFreeze 850VAN HF	12 V DC, 220 – 240 V AC	9105500492	29
	<b>Transport container insulated for catering use</b>			
WAECO CoolFreeze 	Dometic R 120	12/24 V DC, 110 – 230 V AC	9105500228	34
	Dometic RF 400 Basic	230 V AC	9105500507	34
WAECO CoolFreeze 	Dometic RF 650 Basic	230 V AC	9105500510	35
	Dometic RF 1000 Basic	230 V AC	9105500513	35
WAECO CoolFreeze 	Dometic GB 24 PLUS	12 V DC, 110 – 230 V AC	9105500308	36
	Dometic GB 24	–	9105500305	36
Dometic 	Dometic GB 6T	–	9105500495	36
	Dometic GB 10	–	9105500494	37
WAECO Cool-Ice 	Dometic GB 7 Compact L	–	9105500217	37
	<b>Passive insulating boxes</b>			
WAECO Cool-Ice 	WAECO Cool-Ice WCI-13	–	9108400056	38
	WAECO Cool-Ice WCI-22	–	9108400060	38
WAECO Cool-Ice 	WAECO Cool-Ice WCI-42	–	9108400062	38
	WAECO Cool-Ice WCI-55	–	9108400067	38
WAECO Cool-Ice 	WAECO Cool-Ice WCI-70	–	9108400071	38
	WAECO Cool-Ice WCI-85	–	9108400073	38
WAECO Cool-Ice 	WAECO Cool-Ice WCI-85W with rollers	–	9108400215	38
	WAECO Cool-Ice WCI-110	–	9108400054	38

# DOMETIC MEDICAL SYSTEMS –

## Technology for life

**Are you looking for something more specific?  
Our colleagues at Dometic S.à r.l. in Luxembourg  
are happy to help.**

Dometic's Medical Systems Division specialises in the development, production and sales of customised cooling, freezing, transport and storage solutions. The company supplies high-quality devices and equipment for use in laboratories, medicine, research, biotechnology and life sciences.

Operating a global sales and distribution network, Dometic Medical Systems enjoys the reputation as a reliable, professional partner in the medical world. The company has a long track record of close cooperation with respected international organisations, institutions and companies.

**BIOMEDICAL REFRIGERATION**  
Innovative and reliable refrigeration solutions

**BIOTECH SYSTEMS**  
Secure life sciences solutions

**DMN - Dometic Monitoring Network**  
Monitoring  
Visualizing  
Analysing

**BLOOD SAFETY**  
Global safe blood management

Discover the world of Dometic Medical Systems

## Fancy more...? More products. More catalogues.



### "My freedom"

The comprehensive Dometic WAECO specialist catalogue for the camping/ caravanning sector. Includes the complete range – cooling systems, air conditioning, electronics, reversing video systems, vehicle accessories, lighting, windows, awnings, kitchen, sanitation.



### "On the road again"

The classic Dometic WAECO accessory range for trucks and truckers. Air conditioning, cooling systems and kitchen, reversing video camera, comfort solutions and electronics.



### "More Driving Pleasure"

Safety and convenience accessories for cars and vans. From parking aids and reversing video systems to battery care. This includes a wide range of coolers for work and leisure.



### WAECO Frigo

Cooling systems for chilled and frozen goods vehicles.

BOLTSANDTOOLS



## What else can we do for you?

The friendly Dometic WAECO team are always glad to help.

If you are interested in our products, but still have some questions you'd like to ask or perhaps you need advice on a product you've just bought, then please get in touch! Fun and convenience for mobile people is our philosophy. Buying one of our products is just the start. Our aim is for you to enjoy a whole range of mobile technology in the future.

You'd like to find out more? Just order the comprehensive catalogues.

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



The **Dometic GROUP** is a customer-orientated, worldwide leading manufacturer of innovative comfort products for the RV, truck, car and boat markets. The corporate group serves industry clients, as well as the aftermarket with a complete range encompassing air conditioners, cooling appliances, awnings, lighting systems, cookers, deluxe toilets and hygiene equipment, mobile power supply products, comfort and safety solutions, doors, windows and many other products – all designed to bring comfort and convenience to people on the move.

Furthermore, the Dometic GROUP supplies workshop equipment required for the maintenance and repair of vehicle air conditioners.

The Dometic GROUP is the current market leader for special refrigerators for hotels, offices and medical facilities as well as customised wine refrigerators.

Dometic GROUP products are sold in almost 100 countries around the globe, most of which are made in proprietary production plants.

