

Mobile Refrigeration

Portable coolers

Thermoelectric coolers	12 – 15
Compressor coolers	16 – 29
Built-in compressor cooling appliances	30 – 33

Refrigerators

Compressor refrigerators	34 – 49
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Cooling units

Cooling units, evaporators, cold accumulators	50 – 61
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Electronic accessories for cooling appliances	62 – 65
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The comfort series for cool enjoyment

High-tech coolers with DC/AC and special electronics

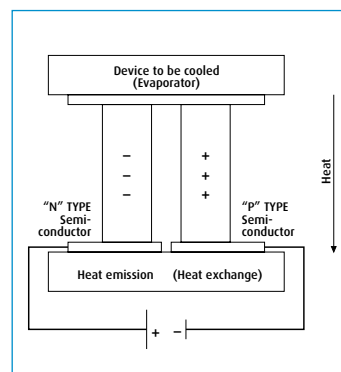
Mobility, performance and convenience – these are the hallmarks of the WAECO TropiCool series. State-of-the-art thermoelectrics made for outstanding cooling results up to 30°C below the ambient temperature. Add to this all the useful features and functions: 12/24/230 volts DC/AC as standard, and individual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

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

Thermoelectrics

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

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



WAECO TropiCool – powerful luxury



The intelligent power-save circuit

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

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

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

- › **Highly effective insulation**
Outstanding energy efficiency
- › **Dynamic interior ventilation**
Significantly improves cooling performance
- › **Wear-free fans**
Long service life
- › **Intelligent power-save circuit**
Electronics switch automatically to power-save mode once the desired interior temperature has been reached (for TC-14FL, TC-21FL and TC-35FL, p. 14 – 15).
- › **12/24/230 volts as standard**
With priority circuit for 230 volts
- › **Heat exchanger and high-performance Peltier element**
Cooling performance up to 30°C below ambient temperature!*
- › **Magnetic switch**
Switches the interior fan off when you open the cooler
- › **Universal fixing kit**
for TC-14FL, TC-21FL and TC-35FL (p. 14)



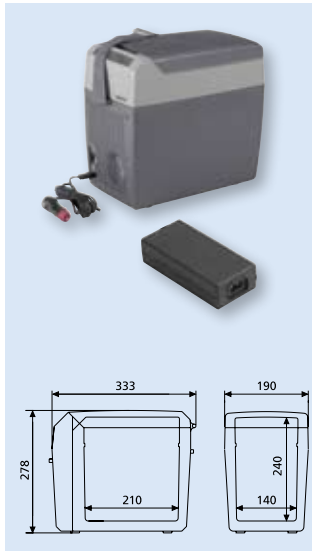
TC special electronics with soft-touch operating panel

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

- › Cooling up to 30°C below ambient temperature
 - › Heating up to +65°C
 - › 7-stage temperature regulation for cooling and heating
 - › LED temperature display
 - › Memory function saves the last settings
 - › Membrane keypad protects the electronics from dust and moisture
- * All models except TC-07

WAECO TropiCool TC-07
Thermoelectric cooler

4.01



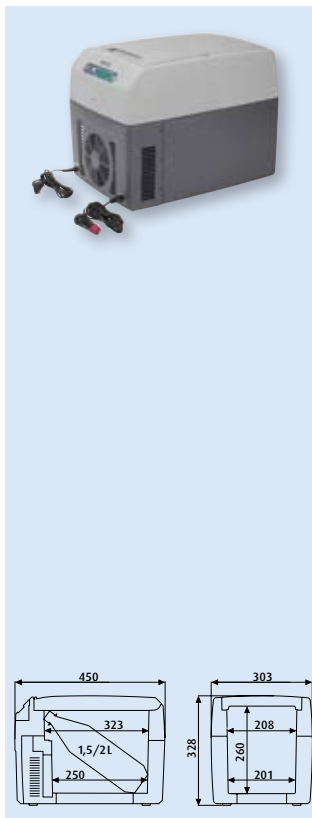
Gross capacity	approx. 7 litres
Voltage	12 / 230 volts DC/AC
Power consumption	approx. 36 watts at 12 volts DC approx. 40 watts at 230 volts AC
Temperature range	Cooling: approx. +5°C (up to 25°C below ambient temperature); Heating: approx. +65°C
Insulation	Polyurethane full-foam insulation
System	Wear-free thermoelectrics (Peltier system), cold / heat transmission to the interior through coated aluminium container, heat dissipation to the outside by brushless, wear-free fan
Colour	Dark grey / pale grey
Weight	approx. 2.8 kg
Quality features	Temperature regulation for cooling and heating with fixed point thermostats, ready for connection to 230 volts
Scope of delivery	Shoulder strap, 12-volt connection cable and 230-volt mains adapter included
Test marks	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)
Product	Ref. No.
TropiCool TC-07	TC-07UG-12/230



WAECO TropiCool TC-14FL

Thermoelectric cooler with TC special electronics

4.01



Gross capacity	approx. 14 litres
Voltage	12 / 24 volts DC and 230 volts AC
Power consumption	approx. 55 watts at 12 volts DC approx. 60 watts at 24 volts DC approx. 80 watts at 230 volts AC
Average running time	30% at +20°C ambient temperature,
Temperature range	Cooling: +1°C to +15°C (up to 30°C below the ambient temperature); heating: +50°C to +65°C
Insulation	Polyurethane full-foam insulation
System	Wear-free thermoelectrics (Peltier system), cold transmission to the interior by dynamically-ventilated aluminium heat exchanger, heat dissipation to the outside by high-performance heat exchanger and brushless, wear-free fan
Material	Sturdy, injection moulded parts
Colour	dark grey / pale grey
Weight	approx. 5.0 kg
Quality features	TC special electronics: 7-stage electronic thermostat with LED indicators, memory function, ON/OFF and cold/warm option activated with soft-touch operating panel, intelligent power-save circuit. Integrated mains supply unit with priority circuit, outstanding cooling performance, magnetic switch to deactivate the interior fan when the box is opened, detachable lid with magnetic closure, sturdy, fold-away handle
Test marks	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)
Product	Ref. No.
TropiCool TC-14FL	TC-14FL-AC
Optional extra	Universal fixing kit
	UFK-T

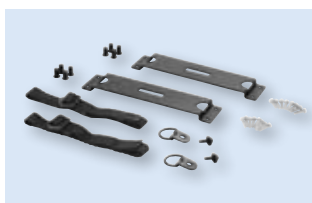


TC special electronics

Universal fixing kit

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

4.01



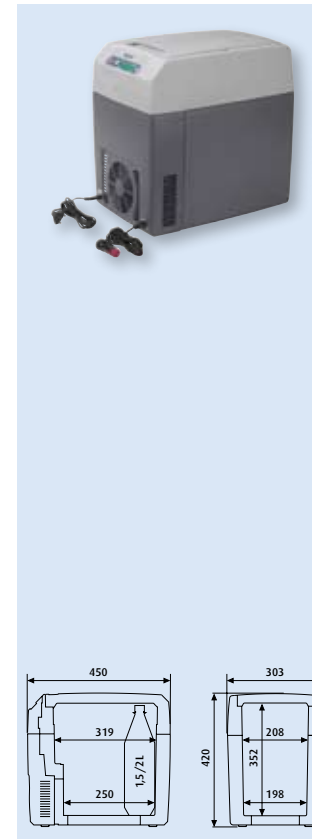
Material	Powder-coated metal
Colour	Black
Scope of delivery	Two base plates, two adjustable straps, set of screws
Product	Ref. No.
Universal fixing kit	UFK-T



WAECO TropiCool TC-21FL

Thermoelectric cooler with TC special electronics

4.01



Gross capacity	approx. 21 litres
Voltage	12 / 24 volts DC and 230 volts AC
Power consumption	approx. 55 watts at 12 volts DC approx. 60 watts at 24 volts DC approx. 80 watts at 230 volts AC
Average running time	32% at +20°C ambient temperature,
Temperature range	Cooling: +1°C to +15°C (up to 30°C below the ambient temperature); heating: +50°C to +65°C
Insulation	Polyurethane full-foam insulation
System	see TC-14FL
Material	Sturdy, injection moulded parts
Colour	Dark grey / pale grey
Weight	approx. 6.0 kg
Quality features	TC special electronics: 7-stage electronic thermostat with LED indicators, memory function, ON / OFF and cold / warm option activated with soft-touch operating panel, intelligent power-save circuit. Integrated mains supply unit with priority circuit, outstanding cooling performance, magnetic switch to deactivate the interior fan when the box is opened, detachable lid with magnetic closure, sturdy, fold-away handle, vertical space for 2-litre bottles, adjustable grid divider
Test marks	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)
Product	Ref. No.
TropiCool TC-21FL	TC-21FL-AC
Optional extra	Universal fixing kit
	UFK-T

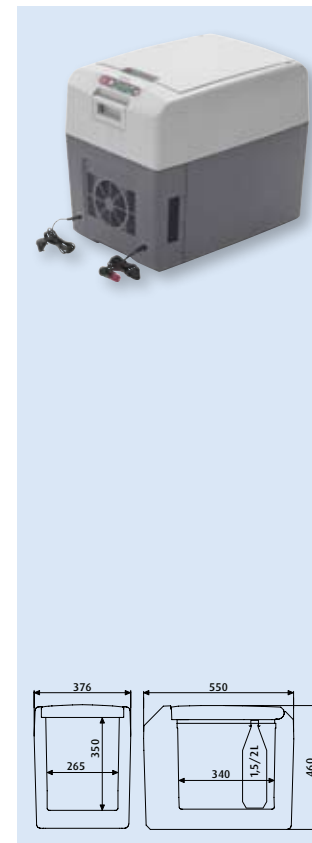


TC special electronics

WAECO TropiCool TC-35FL

Thermoelectric cooler with TC special electronics

4.01



Gross capacity	approx. 35 litres
Voltage	12/24 volts DC and 230 volts AC
Power consumption	approx. 55 watts at 12 volts DC approx. 60 watts at 24 volts DC approx. 80 watts at 230 volts AC
Average running time	35% at +20°C ambient temperature,
Temperature range	Cooling: +1°C to +15°C (up to 30°C below the ambient temperature); heating: +50°C to +65°C
Insulation	Polyurethane full-foam insulation
System	see TC-14FL
Material	Sturdy, injection moulded parts
Colour	Dark grey / pale grey
Weight	approx. 10.0 kg
Quality features	TC special electronics: 7-stage electronic thermostat with LED indicators, memory function, ON/OFF and cold / warm option activated with soft-touch operating panel, intelligent power-save circuit. Integrated mains supply unit with priority circuit, outstanding cooling performance, magnetic switch to deactivate the interior fan when the box is opened, detachable lid with snap lock closure, handy carrying grips, vertical space for 2-litre bottles, adjustable grid divider
Test marks	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)
Product	Ref. No.
TropiCool TC-35FL	TC-35FL-AC
Optional extra	Universal fixing kit
	UFK-T



Jumbo cooler for campers, travellers and truckers

TC special electronics



Refrigeration
and
deep-freezing

Compressor cooling

Powerful and durable

Even at extreme outside temperatures

Excellent cooling performance regardless of the ambient temperature, versatile use – these are the distinguishing features of a compressor cooler.

Covering a temperature range from +10°C to -18°C, compressor coolers by WAECO are as powerful as a domestic fridge. The difference is they can be used absolutely everywhere: on yachts and boats, in cars and motorhomes, at home, in holiday apartments – wherever you want.

Most powerful and most durable cooling in mobile and stationary use

Excellent cooling performance even at extreme ambient temperatures

Deep-freezing functionality

Energy saving and superbly quiet operation

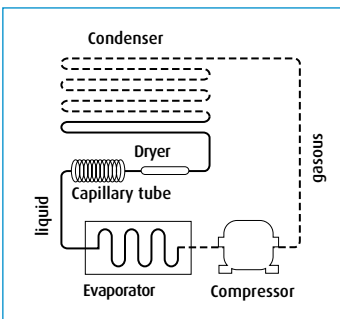
Impeccable operation in inclined position

Suitable for operation with a solar panel

Compressor technology

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

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



Super-compact compressor coolers

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

Fridge/freezer with rechargeable battery

Super-cool, even if there's no external power available, for up to 18 hours! The integrated battery can be recharged from the boat battery or a mains socket (optional mains adapter). With mains priority circuit and further comfort features.

WAECO CoolFreeze CDF

Pages 18 – 21

WAECO CoolFreeze CF

Page 27



CoolFreeze CDF-11

CoolFreeze CDF-18

CoolFreeze CDF-25

CoolFreeze CF-32UP

High-tech coolers

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

WAECO CoolFreeze CF

Pages 22 – 26



CoolFreeze CF-35

CoolFreeze CF-40

CoolFreeze CF-50

CoolFreeze CF-60



CoolFreeze CF-80

CoolFreeze CF-110



Ice-cold mobility!

Slimline compressor coolers at nice prices

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

The benefits of the WAECO CoolFreeze CDF at a glance:

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

The compressor sensation

All the advantages now available in pocket-size format!

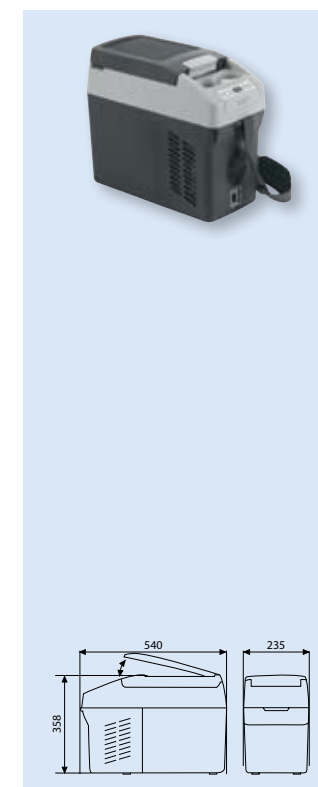
The WAECO CoolFreeze CDF-11, which is suitable for deep freezing, represents a new era in the world of compressor coolers. And that in a size which previously seemed impossible. As incredibly compact as a thermoelectric BordBar and therefore an optimum fit - in corners, cabinets and in towing vehicles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



WAECO CoolFreeze CDF-11

Portable compressor cooler for refrigeration and deep-freezing

4.29



Gross capacity	approx. 10.5 litres
Voltage	12 / 24 volts DC
Power input	approx. 30 watts
Temperature range	+10°C to -18°C, continuously variable via electronic thermostat
Power consumption	0.36 kWh/24 h
Insulation	CFC-free polyurethane foam
System	Compressor with integrated control electronics, low voltage protection (can be disabled), electronic fuse/automatic reverse pole protection
Colour	Pale grey / dark grey
Weight	approx. 8.8 kg
Quality features	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
Scope of delivery	DC connection cable
Test marks	CE, e-approved to 2006/28/EC (Automotive EMC Directive)

NEW

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 (p. 62 - 65)

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



Two practical drink holders, convenient access with one hand



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



Display with digital temperature readout



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

Compressor cooling "light"

Fridge and freezer all in one

Another "flyweight": the WAECO CoolFreeze CDF-18 is also remarkably light for a compressor cooler. At just 11.5 kg, it is extremely comfortable to transport using the sturdy carry handle. Thanks to optimised interior and exterior dimensions, the cooler provides a whopping 18 litre capacity and easily holds 2-litre bottles. An ideal size for the day's provisions while travelling. In terms of performance, the CDF-18 qualifies as a true heavy-weight: refrigeration and deep-freezing up to -18°C with minimal energy consumption!



The truly portable fridge/freezer

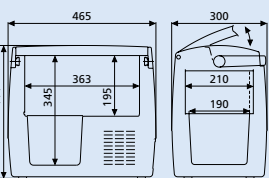
WAECO CoolFreeze CDF-18

Portable compressor cooler for refrigeration and deep-freezing

4.29



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



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



Temperature range
+10°C to -18°C



Suitable for
solar operation

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

Insulating protective
cover as accessory
(page 29)

230-volt connection with
low-priced mains adapter
(p. 62 - 65)



Easy to operate, secure closing mechanism



Robust, elegant, extremely comfortable carrying handle



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



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



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

Fits into every niche

Slim size, nice price

It fits where others won't: with its tall and slim design, the WAECO CoolFreeze CDF-25 effortlessly slides into narrow gaps and niches in your boat. It can be secured in place by a fixing kit - available as an optional extra. It is convenient to transport and provides 23 litres capacity for refrigeration or deep-freezing. Power consumption? Minimal. All in all, a cool insider tip for price-conscious buyers!



Extremely economical!

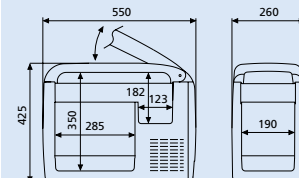
WAECO CoolFreeze CDF-25

Compressor cooler for refrigeration and deep-freezing

4.29



Gross capacity	approx. 23 litres (19 l for refrigeration / deep-freezing, 4 l for fresh food)
Voltage	12 / 24 volts DC
Power input	approx. 35 watts
Average running time	15% at +20°C ambient temperature 19% at +32°C ambient temperature both at +5°C interior temperature
Power consumption	Power input x average running time
Temperature range	+10°C to -18°C, continuously variable via electronic thermostat
Insulation	CFC-free PU foam
System	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
Material	Cabinet: PP; lid: PE
Colour	Body: pale grey / dark grey; lid: dark grey
Weight	approx. 12.5 kg
Quality features	Detachable lid (lid mount at the front), vertical space for standing 2-litre bottles, interior light
Scope of delivery	DC connection cable, detachable wire basket
Test marks	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)



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



Temperature range
+10°C to -18°C



Suitable for
solar operation

Slim body -
minimal space
consumption

Insulating protective
cover and fixing kit as
accessories
(pages 28 - 29)

230-volt connection with
low-priced mains adapter
(p. 62 - 65)



Closing mechanism: easy to use and super-safe



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



Robust lid hinge, sturdy injection moulded cabinet



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



Premium boxes for all applications

High-tech unlimited

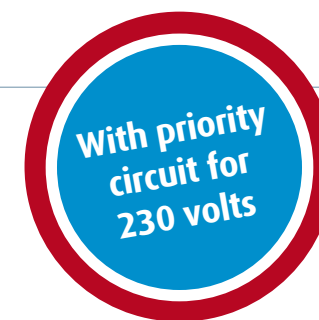
Compressor technology at its best – that’s the term used to describe the **CoolFreeze series coolers CF-35 to CF-110**. **The high-performance appliances can be operated on almost any mains network.** Whether 12, 24, 100 or 240 volts – the integrated power supply unit recognises each voltage and adjusts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

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

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

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

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



CoolFreeze CF-35 CoolFreeze CF-40 CoolFreeze CF-50 **NEW!** CoolFreeze CF-60 CoolFreeze CF-80 CoolFreeze CF-110

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

The six CoolFreeze models CF-35 to CF-110 are all equipped with CF special electronics. Their functions:

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



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

The outcome: fast yet economical cooling from +10°C to -18°C.



Standard interior light for a clear overview in the dark



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



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



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

› **Slides, universal fixing kit, insulation and protective covers available as accessories (p. 28 / 29)**

WAECO CoolFreeze CF-35

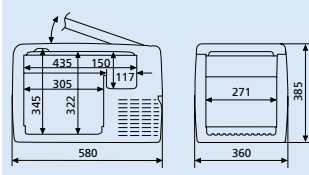
Compressor cooler for refrigeration and deep-freezing with CF special electronics

4.10



Gross capacity	approx. 31 litres (26.5 l for refrigeration / deep-freezing, 4.5 l for fresh food)
Voltage	12 / 24 volts DC and 100 – 240 volts AC
Power consumption	approx. 45 watts
Average running time	15% at +20°C ambient temperature 19% at +32°C ambient temperature both at +5°C interior temperature
Power consumption	Power input x average running time
Temperature range	+10°C to -18°C, free temperature setting via electronic thermostat with digital temperature readout
Insulation	CFC-free PU foam
System	Fully hermetic Danfoss BD35F compressor with integrated control electronics, low voltage protection adjustable for leisure and starter battery via electronic system, electronic fuse / automatic reverse pole protection, dynamically ventilated wire tube condenser, aluminium rollbond evaporator
Material	Cabinet: PP, lid: PE
Colour	Body: pale grey / dark grey; lid: dark grey
Weight	approx. 15 kg
Quality features	Detachable lid (lid mount at the front), interior light, vertical space for standing 1.5-litre bottles. CF special electronics with soft start and turbo cooler (p. 23)
Scope of delivery	DC and AC connection cables, evaporator grille, detachable carrying handles
Test marks	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

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



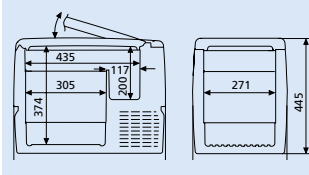
WAECO CoolFreeze CF-40

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



Gross capacity	approx. 37 litres (31 l for refrigeration / deep-freezing, 6 l for fresh food)
Voltage	12 / 24 volts DC and 100 – 240 volts AC
Power input	approx. 45 watts
Average running time	18% at +20°C ambient temperature 22% at +32°C ambient temperature both at +5°C interior temperature
Power consumption	Power input x average running time
Temperature range	+10°C to -18°C, free temperature setting via electronic thermostat with digital temperature readout
Insulation	CFC-free PU foam
System	As for CF-35
Material	Cabinet: PP, lid: PE
Colour	Body: pale grey / dark grey; lid: dark grey
Weight	approx. 16 kg
Quality features	Detachable lid (lid mount at the front), interior light, vertical space for standing 2-litre bottles. CF special electronics with soft start and turbo cooler (p. 23)
Scope of delivery	DC and AC connection cables, removable wire basket, detachable carrying handles
Test marks	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

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



Protective cover, fridge slides and fixing kit as accessories (pages 28 – 29)

CF special electronics with soft start and turbo cooler



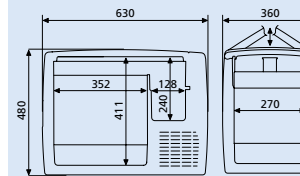
WAECO CoolFreeze CF-50

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



Gross capacity	approx. 49 litres (41 l for refrigeration/deep-freezing, 8 l for fresh food)
Voltage	12 / 24 volts DC and 110 – 240 volts AC
Power input	approx. 45 watts
Average running time	15% at +20°C ambient temperature 19% at +32°C ambient temperature both at +5°C interior temperature
Power consumption	Power input x average running time
Temperature range	+10°C to -18°C, free temperature setting via electronic thermostat with digital temperature readout
Insulation	CFC-free PU foam
System	As for CF-35
Material	Cabinet: PP, lid: PE
Colour	Body: pale grey / dark grey; lid: dark grey
Weight	approx. 18 kg
Quality features	Detachable lid (plug-in lid mount, variable left/right), interior light, vertical space for standing 2-litre bottles. CF special electronics with soft start and turbo cooler (p. 23)
Scope of delivery	As for CF-40
Test marks	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

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



Protective cover, fridge slides and fixing kit as accessories (pages 28 – 29)

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

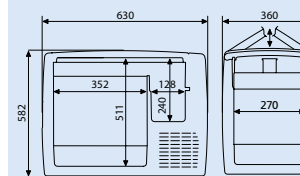
WAECO CoolFreeze CF-60

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



Gross capacity	approx. 59 litres (51 l for refrigeration/deep-freezing, 8 l for fresh food)
Voltage	12 / 24 volts DC and 100 – 240 volts AC
Power input	approx. 45 watts
Average running time	18% at +20°C ambient temperature, 22% at +32°C ambient temperature, both at +5°C interior temperature
Power consumption	Power input x average running time
Temperature range	+10°C to -18°C, free temperature setting via electronic thermostat with digital temperature readout
Insulation	CFC-free polyurethane foam
System	see CF-35
Material	Cabinet: PP; lid: PE
Colour	Body: pale grey / dark grey; lid: dark grey
Weight	approx. 21.6 kg
Quality features	Detachable lid (plug-in lid mount, variable left / right), interior light, vertical space for 2-litre bottles, CF special electronics with soft start and turbo cooler (p. 23)
Scope of delivery	DC and AC connection cables, removable wire basket, detachable carrying handles
Test marks	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

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



CF special electronics with soft start and turbo cooler



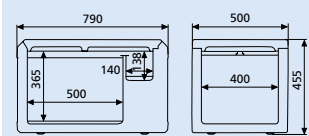
WAECO CoolFreeze CF-80

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

4.10



Gross capacity	approx. 80 litres (73 l for refrigeration / deep-freezing, 7 l for fresh food)
Voltage	12 / 24 volts DC and 100 – 240 volts AC
Power input	approx. 65 watts
Average running time	12% at +20°C ambient temperature 22% at +32°C ambient temperature both at +5°C interior temperature
Power consumption	Power input x average running time
Temperature range	+10°C to -18°C, free temperature setting via electronic thermostat with digital temperature readout
Insulation	CFC-free PU foam
System	Fully hermetic Danfoss BD50F compressor with integrated control electronics, low voltage protection adjustable for leisure and starter battery via electronic system, electronic fuse/ automatic reverse pole protection, dynamically ventilated fin condenser, aluminium rollbond evaporator
Material	Cabinet: coated sheet steel, top and base: PP, lid: PE
Colour	Body: pale grey / dark grey, lid: pale grey
Weight	approx. 31 kg
Quality features	Detachable lid (screw-on lid mount, variable left / right), sturdy latches and hinges, interior light, vertical space for 2-litre bottles. CF special electronics with soft start and turbo cooler (p. 23)
Scope of delivery	DC and AC connection cables, removable wire basket, detachable carrying handles
Test marks	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

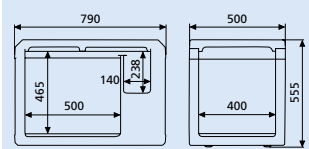


WAECO CoolFreeze CF-110

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



Gross capacity	approx. 106 litres (93 l for refrigeration / deep-freezing, 13 l for fresh food)
Voltage	12 / 24 volts DC and 100 – 240 volts AC
Power input	approx. 65 watts
Average running time	14% at +20°C ambient temperature 25% at +32°C ambient temperature both at +5°C interior temperature
Power consumption	Power input x average running time
Temperature range	+10°C to -18°C, free temperature setting via electronic thermostat with digital temperature readout
Insulation	CFC-free PU foam
System	As for CF-80
Material	Cabinet: coated sheet steel, top and base: PP, lid: PE
Colour	Body: pale grey / dark grey, lid: pale grey
Weight	approx. 33 kg
Quality features	Detachable lid (screw-on lid mount, variable left / right), sturdy latches and hinges, interior light, vertical space for 2-litre bottles. CF special electronics with soft start and turbo cooler (p. 23)
Scope of delivery	DC and AC connection cables, removable wire basket, detachable carrying handles
Test marks	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)



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



Temperature range
+10°C to -18°C



Suitable for
solar operation



12 / 24 volts DC and
100 – 240 volts AC

**Jumbo coolers
for personal and
professional use**

**Fridge slides and
protective covers
as accessories
(pages 28 – 29)**

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



Truly independent

Integrated battery-run fridge / freezer

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

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



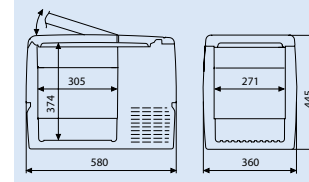
WAECO CoolFreeze CF-32UP

Compressor cooler / freezer with rechargeable battery

4.10



Gross capacity	approx. 31 litres
Voltage	12 / 24 volts DC
Power input	approx. 45 watts (cooling only) approx. 72 watts (cooling and charging)
Charging time	12 to 15 hours
Operation with battery	Up to 18 hours with fully charged battery at +5°C interior and +32°C ambient temperature
Average running time	18% at +20°C ambient temperature 22% at +32°C ambient temperature both at +5°C interior temperature
Power consumption	Power input x average running time
Temperature range	+10°C to -18°C, continuously variable via electronic thermostat with digital temperature display
Insulation	CFC-free PU foam
System	Fully hermetic Danfoss BD35F compressor with integrated control electronics, low-voltage protection, electronic fuse / automatic reverse pole protection, dynamically ventilated wire tube condenser, aluminium rollbond evaporator
Material	Cabinet: PP; lid: PE
Colour	Body: pale grey / dark grey; lid: dark grey
Weight	approx. 24 kg
Quality features	Intelligent battery monitor to prevent excessive discharging of the vehicle battery, display with digital temperature readout, temperature adjustable with two buttons in 1°C steps, simultaneous charging and cooling, battery charging state indicated by LED, battery low warning
Scope of delivery	DC connection cable, wire basket, attachable carrying handles
Test marks	CE, TÜV/GS, E-approved according to UN-ECE R10 directive



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



Temperature range
+10°C to -18°C



Suitable for
solar operation

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

**Fridge slides and
fixing kit as
accessories
(page 28)**

**230-volt connection with
low-priced mains adapter
(p. 62 – 65)**



**An extra control panel
for the battery:
ON/OFF switch, LED dis-
play showing the battery
charging state**

Fridge slides, long and wide version

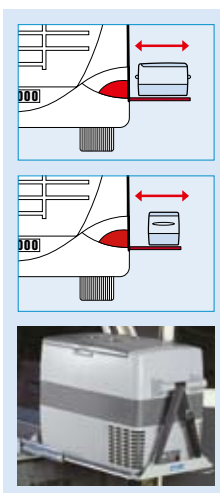
For CoolFreeze CF-32UP / CF-35 / CF-40 / CF-50 / CF-60

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

4.10



Material / Colour	Powder coated metal / grey
Weight	11.5 kg
Dimensions (W x H x D) mm	SLD-060
	Retracted: 421 x 85.4 x 760 Extended: 421 x 85.4 x 1418
SLD-060W	Retracted: 789 x 85.3 x 475 Extended: 789 x 85.3 x 938
	Quality features
Product Ref. No.	
Fridge slide, long for CF-32UP / CF-35 / 40 / 50 / 60	SLD-060
Fridge slide, wide for CF-32UP / CF-35 / 40 / 50 / 60	SLD-060W



Fridge slides, long and wide version

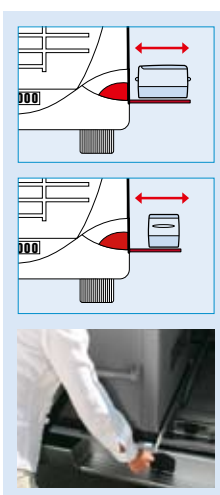
For CoolFreeze CF-80 / CF-110

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

4.10



Material/Colour	Powder coated metal / grey
Weight	19.4 kg
Dimensions (W x H x D) mm	SLD-110
	Retracted: 574 x 85.4 x 909 Extended: 574 x 85.4 x 1677
SLD-110W	Retracted: 939 x 85.3 x 690 Extended: 939 x 85.3 x 1368
	Quality features
Product Ref. No.	
Fridge slide, long for CF-80 / 110	SLD-110
Fridge slide, wide for CF-80 / 110	SLD-110W

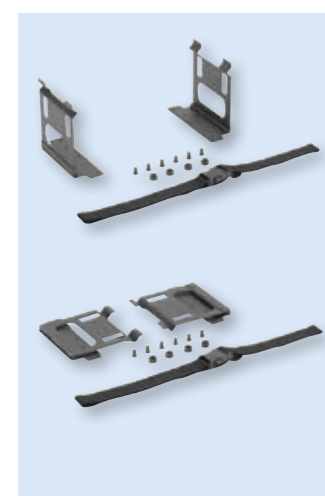


Universal fixing kit

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

For fastening of WAECO CoolFreeze coolers in vehicles

4.10



Material	Powder-coated metal
Colour	Black
Scope of delivery	Two frame sections, adjustable strap with snap lock, set of screws
Product Ref. No.	
Universal fixing kit	UFK-C



Protective covers for CoolFreeze coolers

The functional all-round protection for your coolers

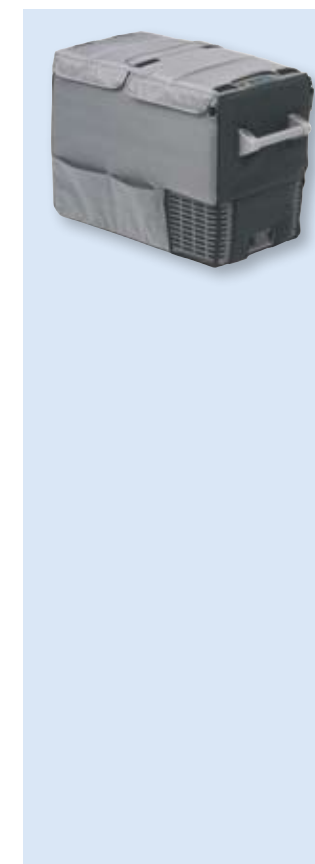
Does the zest for outdoor adventure take you over rough terrain at times? Go ahead, the **insulating protective cover** makes your CoolFreeze cooler fit for tough challenges. The cover protects the valuable appliance from moisture, dust and dirt. It also provides effective insulation, improving the unit's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



Insulating protective covers

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

4.10



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

Extra protection and insulation for your cooler

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



Direct access to the controls ...



... and connection sockets



Practical outside pockets for small items



Top insulation in aluminium coated polyester



Built-in compressor appliances

Tailor-made cooling power for tight spaces

Everything is perfect on board, but there's no room for a fridge? If this is a problem for you, it's about time you take a closer look at the WAECO CoolMatic range of built-in compressor coolers. The super-compact units turn every nook and cranny into useful storage. Equipped with Danfoss BDF compressors they provide highperformance cooling regardless of the temperatures outside and even in inclined positions. WAECO CoolMatic built-in coolers are used on yachts and boats, caravans and trucks... and wherever else every square inch counts.

Built-in coolers

WAECO CoolMatic CB built-in coolers are opened from the top. This makes them ideal for installation in kitchenettes or benches. Where space is limited, the cooling units can be detached and fitted separately.

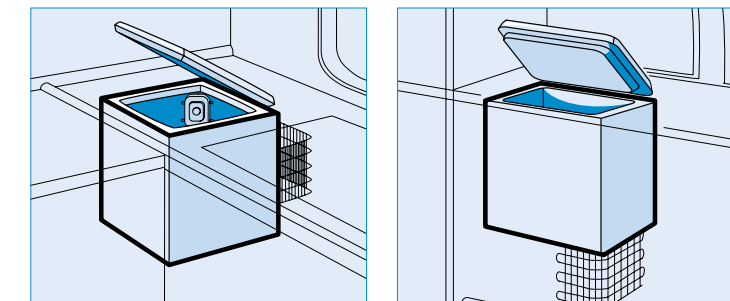
WAECO CoolMatic CB



CoolMatic CB-36 / CB-40 / CB-110

A matching built-in cooler for all requirements: **CoolMatic CB-36** and **CB-40** with **36 or 40 litre** capacity for **refrigeration and deep freezing**, **CoolMatic CB-110** with **100 litres net capacity for refrigeration**. The coolers owe their **extraordinary performance** to the tried-and-tested **Danfoss BD35F compressor**. This high-tech compressor ensures **minimal power consumption**, **impeccable operation in inclined positions** and **superbly quiet operation**.

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



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

Space to spare down below?
That makes the CB-40 the ideal solution.

Built-in drawer fridges

Even low-headroom storage space can be used for high-performance compressor cooling – the WAECO CoolMatic CD built-in drawer fridges make it possible. They are also suitable for outside storage compartments. And great as a flybridge fridge!

WAECO CoolMatic CD



Fits in where other fridges can't

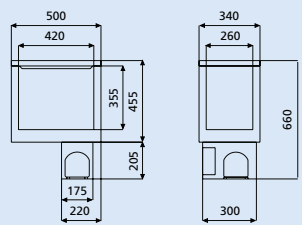
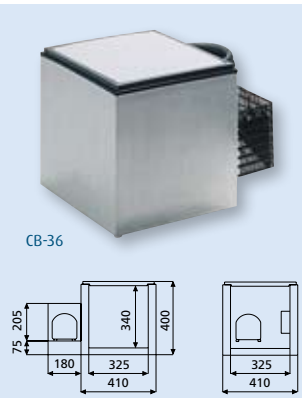


Easy installation with the sturdy stainless steel installation frame. Convenient access to cool snacks and drinks with easy-pull drawers running on ball bearing slides. Ideal on the move: unlocking and opening in a single movement. Secure closing mechanism and improved crash-resistance.

WAECO CoolMatic CB-36 / CB-40 / CB-110

Built-in coolers for mobile kitchens

4.12



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

	CB-110
Gross capacity	approx. 100 litres
Voltage	12 / 24 volts DC
Average power consumption	approx. 60 watts
Average running time	25% at +20°C ambient temperature, 40% at +32°C ambient temperature, both at +5°C interior temperature
Power consumption	Power input x average running time
Temperature range	+10°C to 0°C
Insulation	50 mm polyurethane full-foam insulation
System	Fully hermetic Danfoss BD35F compressor with integrated control electronics, low-voltage protection, electronic fuse / automatic reverse pole protection, detachable cooling unit (2.5 m supply cable), dynamically ventilated fin condenser mounted on a base plate, high-performance air circulating fin evaporator in white plastic housing with brushless fan
Material	Outside: zinc coated sheet steel, inside: stainless steel, base: shock-resistant plastic
Colour	Body: grey, decor panel: pale grey
Weight	27.9 kg
Quality features	Separate, three-part lid inside with seal and insulation, interior light, detachable wire baskets, outstanding cooling performance at minimal power consumption with high-performance air circulating fin evaporator, rapid-chill capability with air circulating operation, continuously variable thermostat (integrated in the evaporator housing)
Test marks	CE, e-approved to 2006/28/EC (Automotive EMC Directive)

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



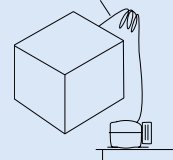
From normal refrigeration to **-deep-freezing



Suitable for solar operation

Cool solutions in confined spaces

L = 1.50 m or 2.50 m



Detachable cooling unit (1.5 m or 2.5 m supply cable)

Vertical space for 2-litre bottles

230-volt connection with low-priced mains adapters (p. 62 - 65)

WAECO CoolMatic CD-30

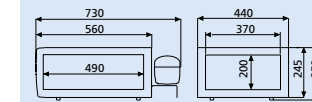
Built-in drawer fridge - inside or out

4.10



Gross capacity	approx. 30 litres
Voltage	12 / 24 volts DC
Average power consumption	approx. 40 watts
Average running time	20% at +20°C ambient temperature, 40% at +32°C ambient temperature, both at +5°C interior temperature
Temperature range	+12°C to -2°C
System	Fully hermetic Danfoss BD35F compressor with integrated control electronics, low-voltage protection for starter battery, electronic fuse / automatic reverse pole protection, dynamically ventilated wire tube condenser, aluminium rollbond evaporator, heat dissipation to the outside with brushless, wear-free fan
Material	Sturdy metal housing, drawer of injection-moulded parts
Colour	CD-30: black CD-30W: black, front white
Weight	approx. 18 kg
Quality features	Convenient access with easy-pull drawers running on ball bearing slides, temperature regulation with continuously variable thermostat, unlocking and opening with a single movement, safe locking mechanism. A smart solution in confined spaces: the cooling unit can be fitted to the side of the cooler (left/right), or up to 1.5 metres away.
Test marks	CE, e-approved to 2006/28/EC (Automotive EMC Directive)

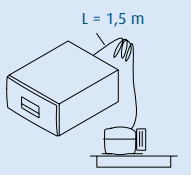
Product	Ref. No.
CoolMatic CD-30	CD-030DC
CoolMatic CD-30W	CD-030DCW
Stainless steel installation frame, four parts with screws	EST-0030
More optional extras	
Mains adapter 230 V > 24 V	EPS-100W
Mains adapter 110 - 240 V > 24 V	MPS-35



Temperature range +12°C to -2°C

Elegant front panel

Also ideal as a flybridge fridge!



A smart solution in confined spaces: the cooling unit can be fitted separately

230-volt connection with low-priced mains adapters (p. 62 - 65)



Compressor refrigerators

Unbeatable performance

Home-like cooling comfort

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

The various models of the CoolMatic series satisfy all requirements an on-board refrigerator has to meet. There's a matching appliance for every kind of boat or yacht and for every kind of room. The interior features compare extremely favourably well with your domestic fridge too ...



Elegant design to please even the most discerning eye: brushed stainless steel finish outside, frosty Cool Blue illumination inside.

Cool cockpit: all Bavaria motor yachts are supplied as standard with WAECO built-in refrigerators.

WAECO CoolMatic

Refrigerators and freezers

Gross capacity
Voltage
Average power consumption
Freezer
Interior light
Removeable decor panel yes / no
Door vent mechanism
Built-in dimensions (W x H x D)
Weight

CRP-40



approx. 39 litres
12 / 24 volts DC
approx. 40 watts
5.3 litre freezer compartment
no
yes
yes
380 x 534 x 492 mm
18 kg
Page 36

CRF-50



approx. 47 litres
12 / 24 volts DC
approx. 45 watts
47 litre *** freezer
yes
yes
yes
448 x 528 x 488 mm
approx. 25 kg
Page 37

CR-50 / CR-50 CHROME



approx. 48 litres
12 / 24 volts DC
approx. 40 watts
5 litre *** freezer compartment
yes
yes
yes
380 x 534 x 447 mm
approx. 19 kg
Page 41

CR-65 / CR-65 CHROME



approx. 64 litres
12 / 24 volts DC
approx. 45 watts
7.2 litre *** freezer compartment
yes
yes
yes
448 x 525 x 492 mm
approx. 20 kg
Page 41

CR-80 / CR-80 CHROME



approx. 80 litres
12 / 24 volts DC
approx. 48 watts
7.9 litre *** freezer compartment
yes
yes
yes
475 x 640 x 475 mm
approx. 23 kg
Page 42

CR-110 / CR-110 CHROME



approx. 108 litres
12 / 24 volts DC
approx. 50 watts
10.2 litre *** freezer compartment
yes
yes
yes
520 x 745 x 505 mm
approx. 28 kg
Page 42

CR-140 / CR-140 CHROME



approx. 136 litres
12 / 24 volts DC and 100 - 240 volts AC
approx. 65 watts
11.5 litre *** freezer compartment
yes
yes
yes
525 x 805 x 569 mm
approx. 32 kg
Page 43

WAECO CoolMatic

Refrigerators and freezers

Gross capacity
Voltage
Average power consumption
Freezer
Interior light
Removeable decor panel yes / no
Door vent mechanism
Built-in dimensions (W x H x D)
Weight

RSD-115



approx. 115 litres
12 / 24 volts DC
approx. 45 watts
-
yes
-
yes
528 x 744 x 507 mm
approx. 28.5 kg
Page 45

RSF-115



approx. 115 litres
12 / 24 volts DC
approx. 50 watts
approx. 115 litre *** freezer
yes
-
yes
528 x 744 x 507 mm
approx. 28.5 kg
Page 45

HDC-150L



approx. 147 litres
12 / 24 volts DC and 100 - 240 volts AC
approx. 70 watts
-
yes
-
-
595 x 820 x 550 mm
approx. 27.5 kg
Page 47

HDC-150FF



approx. 120 litres
12 / 24 volts DC and 100 - 240 volts AC
approx. 60 watts
approx. 17 litres
yes
-
-
595 x 820 x 550 mm
approx. 30.5 kg
Page 47

HDC-150DF



approx. 105 litres
12 / 24 volts DC and 100 - 240 volts AC
approx. 70 watts
approx. 105 litre *** freezer
-
-
-
595 x 820 x 550 mm
approx. 31 kg
Page 47

HDC-190



approx. 165 litres
12 / 24 volts DC
approx. 75 watts
approx. 40 litres
yes
-
-
550 x 1210 x 580 mm
approx. 33 kg
Page 49

HDC-220



approx. 218 litres
12 / 24 volts DC
approx. 80 watts
approx. 41 litres
yes
-
-
550 x 1435 x 580 mm
approx. 42 kg
Page 49

HDC-270



approx. 281 litres
12 / 24 volts DC and 110 - 240 volts AC
approx. 120 watts
approx. 61 litres
yes
-
-
545 x 1780 x 550 mm
approx. 50 kg
Page 49



Small and smart at a good price

Compact refrigerator, elegant looks

Its matt-silver door panel catches the eye. Designed for smaller yachts and boats, the new CoolMatic CRP-40 adds an elegant touch to the galley. Inside, it's amazingly spacious: 39 litres cooling capacity, including a generously sized freezer compartment. Well-proven compressor technology makes for excellent cooling results, tailor-made installation frames for a flawless finish.

WAECO CoolMatic CRP-40

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


4.24





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


 Normal refrigeration and freezer compartment

 Suitable for solar operation

 Easy-to-change decor panel

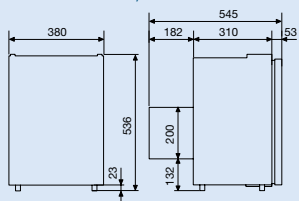
 Right-hinged door as standard

 Standard or flush-mount installation frame available as accessory

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

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

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



Single or side-by-side partner


Separate freezer CRF-50

Too little space for frozen food in your on-board refrigerator? Place the CoolMatic CRF-50 freezer by its side! Thanks to its special construction the compact unit provides a generous 47-litre capacity for deep-freezing. Its chic stainless steel looks make it a perfect match for the CoolMatic CR-65 refrigerator. Great as part of a combo – really useful on its own.

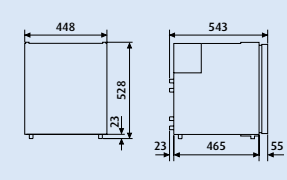
WAECO CoolMatic CRF-50

*** freezer with 47 litres capacity

4.24



Built-in dimensions (W x H x D)
448 x 528 x 488 mm (without door)
With standard frame:
448 x 528 x 492 mm
With flush-mount frame:
474 x 528 x 540 mm



Gross capacity	approx. 47 litres
Voltage	12 / 24 volts DC
Average power consumption	approx. 45 watts
Average running time	45% at +20°C ambient temperature, 65% at +32°C ambient temperature, both at -18°C interior temperature
Current consumption	Power input x average running time
Insulation	CFC-free polyurethane foam
System	Fully hermetic Danfoss BD35F compressor with integrated control electronics, low-voltage protection, electronic fuse / automatic reverse pole protection, dynamically ventilated wire tube condenser, aluminium rollbond evaporator foamed from behind, manually adjustable deep-freeze thermostat
Material	Fittings in stainless steel, door frame in plastic, body with coated metal frame
Colour	Body: black, door frame: silver, door panel: matt-silver (brushed stainless steel appearance)
Weight	approx. 25 kg
Quality features	Condensation drain, interior light, door with magnetic seal, variable door hinges and locks (right / left), door with double lock (top / bottom) and dual function (locking / ventilation), easy-to-change decor panel
Test marks	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

Product	Ref. No.
CoolMatic CRF-50	CRF-0050E
Standard installation frame	EST-0065E
Flush-mount installation frame	EFM-0065E
Additional optional extra	
Mains adapter 230 V > 24 V	EPS-100W
Mains adapter 110 – 240 V > 24 V	MPS-35

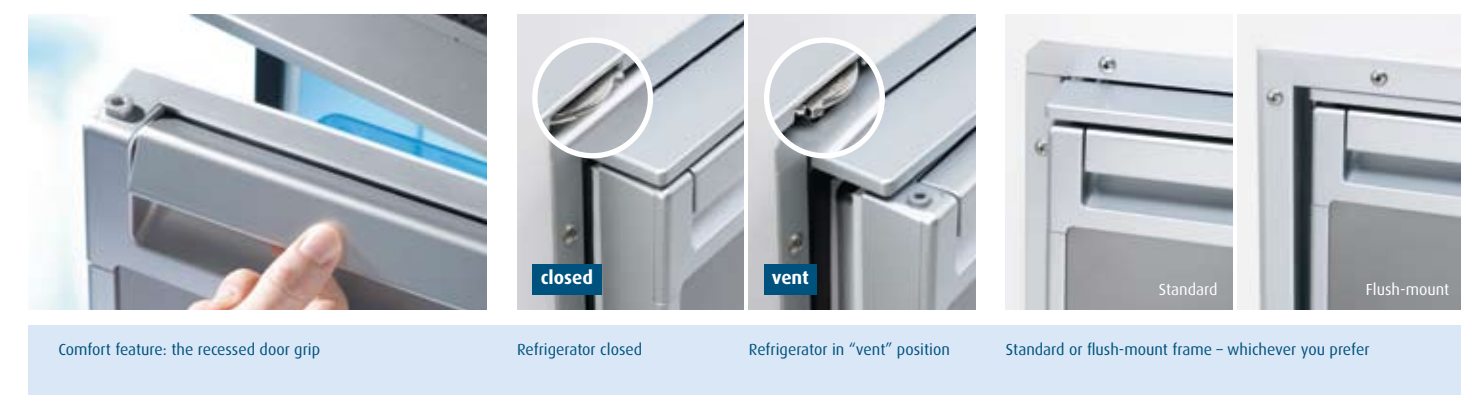
 Deep-freezing up to -18°C

 Easy-clean plastic interior with condensation drainage

 Easy-to-change decor panel

 Right-hinged door as standard

230-volt connection with low-priced mains adapters (p. 62 – 65)





CoolMatic CR-110

- 1 Double door lock, top and bottom
- 2 Separately insulated *** freezer compartment
- 3 Functional surfaces and trays
- 4 Interior light
- 5 Recessed door grips
- 6 Bottle holder
- 7 Condensation drainage via hose connection or collection tank

Functional eye appeal

Elegant design to please even the most discerning eye: **brushed stainless steel finish** outside, frosty Cool Blue illumination inside. The well organised interior provides a capacity of **48 to 136 litres**, depending on the model. Ease of use enhanced with clever extras such as **bottle holders** and **storage trays**, both open and closed.

A sparkling sight

Premium fridges in stainless look or chrome finish

The exclusive CoolMatic CR refrigerators are designed for people who like to travel First Class. Whether in elegant matte-silver or in the luxurious chrome finish, CoolMatic CR is setting new standards in terms of design, equipment, technology and finish.

Treat yourself to first-class refrigeration – you’re worth it. Take the CoolMatic CR on board and enjoy the same exclusive cooling convenience you have at home!



Premium design with Cool Blue light inside

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



Recessed door grips

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



Functional cooling space

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



Separately insulated *** freezer compartment – tropical-rated

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



Patented lock: close or vent

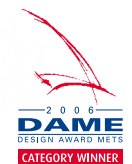
The doors of CoolMatic CR refrigerators feature a patented locking mechanism. In cooling mode, the door is fastened top and bottom for double safety. Thus CoolMatic refrigerators will be firmly shut tight – even if the fridge contents push against the door from inside. The “vent” position keeps the door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



Installation with standard or flush-mount frame

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

Premium refrigerators for yachts and boats



CoolMatic CR-110 Chrome

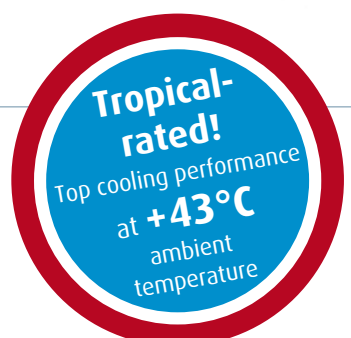
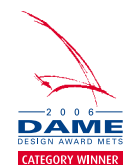
CoolMatic CR-140 Chrome

CoolMatic CR-80 Chrome

CoolMatic CR-50 Chrome

CoolMatic CR-65 Chrome
(The picture shows the optional flush-mount installation frame)

WAECO CoolMatic CR Chrome



CoolMatic CR-140

CoolMatic CR-65

CoolMatic CR-110

CoolMatic CR-80

CoolMatic CR-50

CoolMatic CR / CR Chrome

- › Five models each with capacities from 48 to 136 litres and **enhanced equipment**: bottle holder, functional storage trays (CR-110 / CR-140 with drawers)
- › Ideal temperature regulation for **refrigeration and deep-freezing**
- › Separately insulated *** freezer compartment
- › **Optimal temperature distribution** due to additional evaporator integrated in the interior
- › **Unrivalled: condensation drainage via base and rear panel.** Drainage via hose in bilge and holding tank system or collection tank.
- › Double door lock (top/bottom), **variable door mounts**
- › Door lock with dual function (locking/ventilation)
- › Easy-to-change **decor panel**
- › **Tropical-rated**: equivalent to DIN EN ISO 7371
- › High-performance cooling technology: **Danfoss BDF compressor**

CoolMatic CR Chrome

- › **Installation frame in stainless steel**
- › **Front panel in brushed stainless steel**
- › **Chrome-plated door frame**

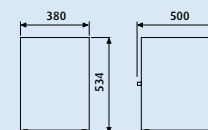
WAECO CoolMatic CR-50 / CR-50 Chrome

Premium built-in refrigerator in stainless steel or chrome finish for yachts and boats

4.24



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



Gross capacity	approx. 48 litres including 5-litre freezer compartment
Voltage	12 / 24 volts DC
Average power consumption	approx. 40 watts
Power consumption	1.4 Ah/h at +25 °C ambient temperature, 1.7 Ah/h at +32 °C ambient temperature, both at +5 °C interior temperature and -18 °C in the freezer compartment
Insulation	CFC-free polyurethane foam
System	Fully hermetic Danfoss BD35F compressor with integrated control electronics, low-voltage protection, electronic fuse / automatic reverse pole protection, dynamically ventilated wire tube condenser, mechanical, continuously variable thermostat
Material	CR-50: Stainless steel fittings, plastic interior, plastic door frame, body with coated metal frame CR-50 Chrome: Stainless steel fittings and decor panel, plastic interior, chrome-plated door frame, body with coated metal frame
Colour	CR-50: Body: black, door frame: silver, door panel: matte-silver (brushed stainless steel finish) CR-50 Chrome: Body: black, door frame: chrome, decor panel: brushed stainless steel
Weight	19 kg
Quality features	Interior light, door with magnetic seal, variable door mounts and locks right/left, door with double lock (top/bottom) and dual function (locking/ventilation), separately insulated *** freezer compartment, additional, foamed rear-wall evaporator in the interior, easy-to-change decor panel
Test marks	CE, TÜV/GS, e-approved to 2004/104/EC (Automotive EMC Directive)

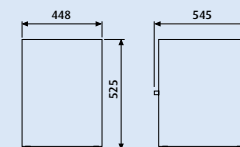
Product	Ref. No.
CoolMatic CR-50	CR-0050E
CoolMatic CR-50 Chrome	CR-0050ST
Standard installation frame for CR-50	EST-0050E
Standard installation frame for CR-50 Chrome	EST-0050ST
Flush-mount installation frame for CR-50	EFM-0050E
Flush-mount installation frame for CR-50 Chrome	EFM-0050ST
Mains adapter 110-240 V > 24 V	MPS-35

WAECO CoolMatic CR-65 / CR-65 Chrome

Premium built-in refrigerator in stainless steel or chrome finish for yachts and boats



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



Gross capacity	approx. 64 litres including 7.2-litre freezer compartment
Voltage	12 / 24 volts DC
Average power consumption	approx. 45 watts
Power consumption	1.6 Ah/h at +25 °C ambient temperature, 1.9 Ah/h at +32 °C ambient temperature, both at +5 °C interior temperature and -18 °C in the freezer compartment
Insulation	CFC-free polyurethane foam
System	see CR-50 / CR-50 Chrome
Material	see CR-50 / CR-50 Chrome
Colour	see CR-50 / CR-50 Chrome
Weight	20 kg
Quality features	see CR-50 / CR-50 Chrome
Test marks	CE, TÜV/GS, e-approved to 2004/104/EC (Automotive EMC Directive)

Product	Ref. No.
CoolMatic CR-65	CR-0065E
CoolMatic CR-65 Chrome	CR-0065ST
Standard installation frame for CR-65	EST-0065E
Standard installation frame for CR-65 Chrome	EST-0065ST
Flush-mount installation frame for CR-65	EFM-0065E
Flush-mount installation frame for CR-65 Chrome	EFM-0065ST
Mains adapter 110-240 V > 24 V	MPS-35

- Normal cooling and *** freezer compartment
- Suitable for solar operation
- Tropical-rated (equivalent to DIN EN ISO 7371)
- Condensation drainage via the base (hose connection) or back panel (collection tank)

- Separately insulated *** freezer compartment
- Can be fitted in existing furnishings thanks to pre-drilled, resealable holes
- Easy-to-change decor panel

- Replaceable door seal
- Right-hinged door as standard
- Standard or flush-mount installation frame available as accessory

230-volt connection with low-priced mains adapter (p. 62 - 65)

WAECO CoolMatic CR-80 / CR-80 Chrome

Premium built-in refrigerator in stainless steel or chrome finish for yachts and boats

4.24

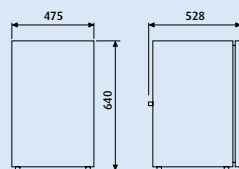


CR-80



CR-80 Chrome

CR-80 / CR-80 Chrome
Built-in dimensions (W x H x D)
 475 x 640 x 475 mm (without door)
With standard frame:
 479 x 642 x 475 mm
With flush-mount frame:
 501 x 642 x 523 mm



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

Product	Ref. No.
CoolMatic CR-80	CR-0080E
CoolMatic CR-80 Chrome	CR-0080ST
Standard installation frame for CR-80	EST-0080E
Standard installation frame for CR-80 Chrome	EST-0080ST
Flush-mount installation frame for CR-80	EFM-0080E
Flush-mount installation frame for CR-80 Chrome	EFM-0080ST
Mains adapter 110-240 V > 24 V	MPS-35



Normal cooling and *** freezer compartment



Suitable for solar operation



Tropical-rated (equivalent to DIN EN ISO 7371)

Condensation drainage via the base (hose connection) or back panel (collection tank)

Separately insulated *** freezer compartment

Can be fitted in existing furnishings thanks to pre-drilled, resealable holes

Easy-to-change decor panel

Replaceable door seal

Right-hinged door as standard

Standard or flush-mount installation frame available as accessory

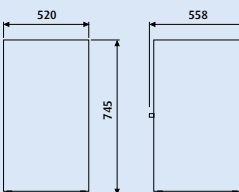
230-volt connection with low-priced mains adapter (p. 62 - 65)

WAECO CoolMatic CR-110 / CR-110 Chrome

Premium built-in refrigerator in stainless steel or chrome finish for yachts and boats



CR-110 / CR-110 Chrome
Built-in dimensions (W x H x D)
 520 x 745 x 505 mm (without door)
With standard frame:
 524 x 747 x 505 mm
With flush-mount frame:
 546 x 747 x 553 mm



Gross capacity	approx. 108 litres including 10.2-litre freezer compartment
Voltage	12 / 24 volts DC
Average power consumption	approx. 50 watts
Power consumption	2.2 Ah/h at +25 °C ambient temperature, 2.5 Ah/h at +32 °C ambient temperature, both at +5 °C interior temperature and -18 °C in the freezer compartment
Insulation	CFC-free polyurethane foam
System	see CR-80 / CR-80 Chrome
Material	see CR-80 / CR-80 Chrome
Colour	see CR-80 / CR-80 Chrome
Weight	28 kg
Quality features	see CR-80 / CR-80 Chrome
Test marks	CE, TÜV/GS, e-approved to 2004/104/EC (Automotive EMC Directive)

Product	Ref. No.
CoolMatic CR-110	CR-0110E
CoolMatic CR-110 Chrome	CR-0110ST
Standard installation frame for CR-110	EST-0110E
Standard installation frame for CR-110 Chrome	EST-0110ST
Flush-mount installation frame for CR-110	EFM-0110E
Flush-mount installation frame for CR-110 Chrome	EFM-0110ST
Mains adapter 110-240 V > 24 V	MPS-35

WAECO CoolMatic CR-140 / CR-140 Chrome

Premium built-in refrigerator in stainless steel or chrome finish for yachts and boats

4.24

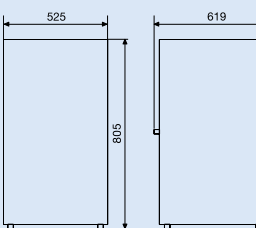


CR-140



CR-140 Chrome

CR-140 / CR-140 Chrome
Built-in dimensions (W x H x D)
 525 x 805 x 569 mm (without door)
With standard frame:
 529 x 807 x 569 mm
With flush-mount frame:
 551 x 807 x 619 mm



Gross capacity	approx. 136 litres including 11.5-litre freezer compartment
Voltage	12 / 24 volts DC and 100 - 240 volts AC
Average power consumption	approx. 65 watts
Power consumption	2.3 Ah/h at +25 °C ambient temperature, 2.6 Ah/h at +32 °C ambient temperature, both at +5 °C interior temperature and -18 °C in the freezer compartment
Insulation	CFC-free polyurethane foam
System	Fully hermetic Danfoss BD50F compressor with integrated control electronics, low-voltage protection, electronic fuse / automatic reverse pole protection, dynamically ventilated wire tube condenser, mechanical, continuously variable thermostat
Material	CR-140: Stainless steel fittings, plastic interior, plastic door frame, body with coated metal frame CR-140 Chrome: Stainless steel fittings and decor panel, plastic interior, chrome-plated door frame, body with coated metal frame
Colour	CR-140: Body: black, door frame: silver, door panel: matte-silver (brushed stainless steel finish) CR-140 Chrome: Body: black, door frame: chrome, decor panel: brushed stainless steel
Weight	32 kg
Quality features	Interior light, door with magnetic seal, variable door mounts and locks right / left, door with double lock (top / bottom) and dual function (locking / ventilation), separately insulated *** freezer compartment, additional, foamed rear-wall evaporator in the interior, easy-to-change decor panel
Test marks	CE, TÜV/GS, e-approved to 2004/104/EC (Automotive EMC Directive)

Condensation drainage via the base (hose connection) or back panel (collection tank)

Separately insulated *** freezer compartment

Can be fitted in existing furnishings thanks to pre-drilled, resealable holes

Easy-to-change decor panel

Replaceable door seal

Right-hinged door as standard

Standard or flush-mount installation frame available as accessory

> 136-litre capacity including 11.5-litre *** freezer compartment, separately insulated

Product	Ref. No.
CoolMatic CR-140	9105600002
CoolMatic CR-140 Chrome	9105600003
Standard installation frame for CR-140	9105900001
Standard installation frame for CR-140 Chrome	9105900002
Flush-mount installation frame for CR-140	9105900003
Flush-mount installation frame for CR-140 Chrome	9105900004



Normal refrigeration and *** freezer compartment



Suitable for solar operation



Tropical-rated (equivalent to DIN EN ISO 7371)



12 / 24 Volt DC and 100 - 240 Volt AC

Condensation drainage via the base (hose connection) or back panel (collection tank)

Separately insulated *** freezer compartment

Can be fitted in existing furnishings thanks to pre-drilled, resealable holes

Easy-to-change decor panel

Replaceable door seal

Right-hinged door as standard

Standard or flush-mount installation frame available as accessory



The "side-by-side" solution for perfectionists

Fridge / freezer combination with WAECO CoolMatic RSD-115 / RSF-115

The same outer dimensions, the same front in stainless steel, and even the same capacities (115 litres each): the **CoolMatic RSD-115** refrigerator and the **RSF-115** freezer are **an elegant duo**.

Side by side, they form a **powerful fridge / freezer** combo with a **total capacity of 230 litres**, and they can also be used separately.



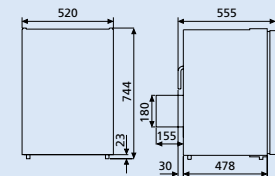
WAECO CoolMatic RSD-115 / RSF-115

Compressor refrigerator or freezer with stainless steel interior and stainless steel front

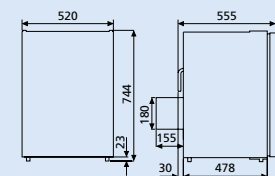
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RSD-115
Built-in dimensions without cooling unit (W x H x D)
With standard frame: 528 x 744 x 507 mm
With flush-mount frame: 543 x 740 x 550 mm



RSF-115
Built-in dimensions without cooling unit (W x H x D)
With standard frame: 528 x 744 x 507 mm
With flush-mount frame: 543 x 740 x 550 mm



	RSD-115	RSF-115 freezer
Gross capacity	approx. 115 litres	approx. 115 litres
Voltage	12 / 24 volts DC	12 / 24 volts DC
Average power consumption	approx. 45 watts	approx. 50 watts
Average running time	30% at +20°C, 45% at +32°C ambient temperature both at +5°C interior temperature	50% at +20°C, 70% at +32°C ambient temperature both at -18°C interior temperature
Current consumption	Power input x average running time	
Temperature range	Refrigeration	***-deep-freezing
Insulation	50 mm polyurethane, CFC-free	
System	Detachable cooling unit (W 358 x H 180 x D 155 mm) with 2 m supply cord, fully hermetic Danfoss BD35F compressor with integrated control electronics, low-voltage protection for leisure or starter battery, electronic fuse/automatic reverse pole protection, dynamically ventilated fin condenser, aluminium rollbond evaporator, mechanical, continuously variable thermostat	
Material	Door frame in plastic, body with coated metal frame, door panel and interior in stainless steel	
Colour	Body and frame: black, door panel: silver (exchangeable)	
Weight	28.5 kg	
Quality features	Interior light, door with magnetic seal, variable door mounts and locks (right / left), door with double lock (top / bottom) and dual function (locking / ventilation); RSD-115: condensation drain in the stainless steel interior	
Test marks	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)	

Product	Ref. No.
CoolMatic RSD-115	RSD-0115E
CoolMatic RSF-115	RSF-0115E
Standard installation frame	EST-0400
Flush-mount installation frame	EFM-0400
Additional optional extra	
Mains adapter 230 V > 24 V	EPS-100W
Mains adapter 110 - 240 V > 24 V	MPS-35



RSF-115:
Deep-freezing
up to -18°C
RSD-115:
Normal refrigeration



Suitable for
solar operation

Fridge and freezer as a
"side-by-side" solution

Right-hinged door
as standard

Standard or flush-mount
installation frame
available as accessory



Ideal in confined spaces:
separate cooling unit,
can be fitted up to two
metres away from the
refrigerator



Condensation drain
in the stainless steel
interior
(RSF-115)

230-volt connection
with low-priced
mains adapters
(p. 62 - 65)



A clear overview day and night:
interior light as standard



Easy to clean and hygienic:
the stainless steel interior



Fold-up front grille
to stop loose items from sliding



CoolMatic HDC-150L

CoolMatic HDC-150FF

CoolMatic HDC-150DF

New: Favourably-priced under-cabinet solution

Ideally integrated normal refrigeration or deep freezing

Would you also like your on-board kitchenette cast from the same mould? Then it's time to get acquainted with the new refrigerator series WAECO CoolMatic HDC-150. All three units can easily be equipped with decor panels and integrated into existing furnishings.



WAECO CoolMatic HDC-150L / -150FF / -150DF: These three compressor refrigerators have the same exterior dimensions, and are ready for connection to 12 / 24 volts DC and 100 – 240 volts AC. When it comes to the interior, they vary as follows: the HDC-150FF provides 101 litre fridge capacity as well as a 17-litre froster. The HDC-150L instead provides 142 litres for normal refrigeration without froster. The HDC-150DF is a straight-up freezer with 105 litres capacity, distributed over three pull-out compartments.



Separate 17-litre freezer compartment in the HDC-150FF



Practical door trays and bottle holder



Perfectly equipped for fitting decor panels



Temperature regulation via continuously variable thermostat

WAECO CoolMatic HDC-150L

Built-in compressor refrigerator



Gross capacity	approx. 147 litres
Voltage	12 / 24 volts DC and 100-240 volts AC
Average power consumption	approx. 70 watts
Power consumption	1.2 Ah/h at +20°C ambient temperature, 2.5 Ah/h at +32°C ambient temperature, at +5°C interior temperature
Insulation	Polyurethane full-foam insulation
System	Fully hermetic Danfoss BD50F compressor with integrated control electronics, low-voltage protection, electronic fuse / automatic reverse pole protection, mechanical, continuously variable thermostat
Material	Body and doors in sheet steel, interior of impact-resistant polystyrene
Colour	Cabinet, inside door lining and interior: white
Weight	approx. 27.5 kg
Quality features	Interior light, door with magnetic seal, variable door hinges and locks (right / left)
Scope of delivery	3 safety-glass shelves, a crisper, door trays
Test marks	CE, e-approved to 2006/28/EC (Automotive EMC Directive)

WAECO CoolMatic HDC-150FF

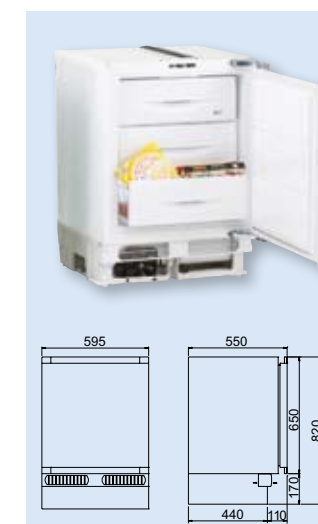
Built-in compressor refrigerator with freezer compartment



Gross capacity	approx. 120 litres including 17-litre *** freezer compartment
Voltage	12 / 24 volts DC and 100-240 volts AC
Average power consumption	approx. 60 watts
Power consumption	1.4 Ah/h at +20°C ambient temperature, 2.1 Ah/h at +32°C ambient temperature, both at +5°C interior temperature and -18°C in the freezer compartment
Weight	approx. 30.5 kg
Scope of delivery	2 safety-glass shelves, a crisper, door trays
Other specifications as for CoolMatic HDC-150L	

WAECO CoolMatic HDC-150DF

Built-in compressor freezer



Gross capacity	approx. 105 litres
Voltage	12 / 24 volts DC and 100-240 volts AC
Average power consumption	approx. 70 watts
Power consumption	1.6 Ah/h at +20°C ambient temperature, 2.1 Ah/h at +32°C ambient temperature, both at -18°C interior temperature
Weight	approx. 31 kg
Quality features	Door with magnetic seal, variable door hinges and locks (right / left)
Scope of delivery	3 pull-out freezer compartments
Other specifications as for CoolMatic HDC-150L	

Product	Ref. No.
CoolMatic HDC-150L	9105600020
CoolMatic HDC-150FF	9105600019
CoolMatic HDC-150DF	9105600018

4.06

NEW



HDC-150L:
Normal refrigeration
HDC-150FF:
Normal refrigeration and deep-freezing up to -18°C
HDC-150DF:
Deep-freezing up to -18°C



Suitable for solar operation



12 / 24 volts DC and 100-240 volts AC

Ideal for under cabinets or free-standing installation



CoolMatic HDC-190

CoolMatic HDC-220

CoolMatic HDC-270

Jumbo-size cooling

Compressor refrigerators for commercial shipping and large yachts

Home-like comfort: plenty of space for fresh food, separate doors for the refrigerator and freezer. Featuring a perfectly organised interior with multi-boxes and door trays. The new WAECO CoolMatic HDC-270 has three pull-out drawers alone for frozen foods. The snow-white refrigerator/freezer combinations have been designed inside out for mobile use and offer a fantastic price/performance ratio.



Freezer compartments divided by shelf racks (HDC-190/-220)



Large transparent crisper drawers for fruit and vegetables

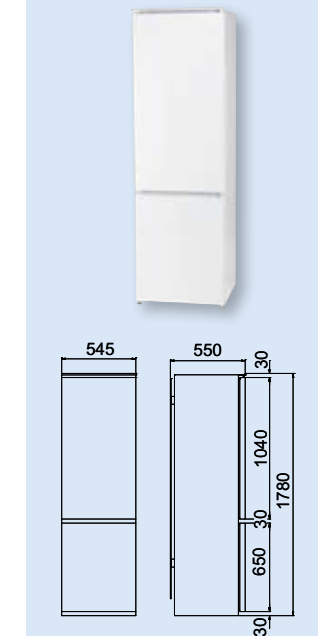
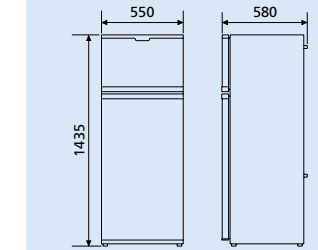
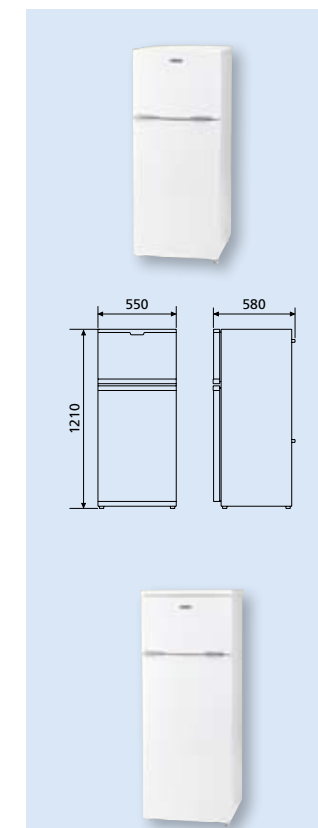


Interior light as standard and continuously variable thermostat

WAECO CoolMatic HDC-190 / HDC-220 / HDC-270

Jumbo-size compressor refrigerators

4.06



HDC-190	
Gross capacity	approx. 165 litres including 40-litre *** freezer compartment
Voltage	12 / 24 volts DC
Average power consumption	approx. 75 watts
Power consumption	1.5 Ah/h at +20°C ambient temperature, 2.1 Ah/h at +32°C ambient temperature, both at +5°C interior temperature and -18°C in the freezer compartment
Insulation	Polyurethane full-foam insulation
System	Fully hermetic Danfoss BD50F compressor with integrated control electronics, low-voltage protection, electronic fuse / automatic reverse pole protection, mechanical, continuously variable thermostat
Material	Body and doors in sheet steel, interior of impact-resistant polystyrene
Colour	Cabinet, inside door lining and interior: white
Weight	33 kg
Quality features	Interior light, door with magnetic seal, variable door hinges and locks (right / left), two separate doors
Scope of delivery	3 safety glass shelves, two adjustable in height, a transparent crisper, shelf rack in froster compartment, door trays
Test marks	CE, e-approved to 2006/28/EC (Automotive EMC Directive)

HDC-220	
Gross capacity	approx. 218 litres including 41-litre *** freezer compartment
Average power consumption	approx. 80 watts
Power consumption	1.8 Ah/h at +20°C ambient temperature, 3.2 Ah/h at +32°C ambient temperature, both at +5°C interior temperature and -18°C in the freezer compartment
Weight	42 kg
Quality features	Interior light, door with magnetic seal, variable door hinges and locks (right / left), two separate doors
Scope of delivery	3 safety glass shelves, two adjustable in height, a transparent crisper, shelf rack in froster compartment, door trays
Other specifications as for CoolMatic HDC-190	

HDC-270	
Gross capacity	approx. 281 litres including 61-litre *** freezer compartment
Voltage	12 / 24 volts DC and 110 - 240 volts AC
Average power consumption	approx. 120 watts
Power consumption	4.1 Ah/h at +20°C ambient temperature, 4.6 Ah/h at +32°C ambient temperature, both at +5°C interior temperature and -18°C in the freezer compartment
System	Fully hermetic Danfoss BD80F compressor with integrated control electronics, low-voltage protection, electronic fuse / automatic reverse pole protection, mechanical, continuously variable thermostat
Weight	50 kg
Quality features	Interior light, door with magnetic seal, variable door hinges and locks (right / left), two separate doors
Scope of delivery	4 safety glass shelves, three adjustable in height, a transparent crisper, door trays, three drawers for frozen food
Other specifications as for CoolMatic HDC-190	

Product	Ref. No.
CoolMatic HDC-190	9105600013
CoolMatic HDC-220	9105600014
CoolMatic HDC-270	9105600021
Optional extra (HDC-190 / -220) Mains adapter 110-240 V > 24 V	MPS-50

NEW



Deep-freezing up to -18°C



Suitable for solar operation

HDC-190 / -220 Large freezer compartments with separate door

Transport lock

230-volt connection with low-priced mains adapter (p. 62 - 65)

HDC-270 Fridge / freezer combination



12 / 24 volts DC and 110-240 volts AC