



# **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.



and deep-freezing

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

### Super-compact compressor coolers

Favourably priced entry-level compressor coolers. With per-Super-cool, even if there's no external power available, for up formance and handling qualities that will ensure you will enjoy to 18 hours! The integrated battery can be recharged from the their benefits for years to come. Refrigeration and deep freezing, boat battery or a mains socket (optional mains adapter). With 10.5 to 23 litre capacity. In addition, they feature a compact design mains priority circuit and further comfort features. which fits where others won't.

### **WAECO** CoolFreeze CDF





CoolFreeze CDF-11

CoolFreeze CDF-18

CoolFreeze CDF-25

### 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



CoolFreeze CF-35

CoolFreeze CF-40

## **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







CoolFreeze CF-80

### Fridge/freezer with rechargeable battery

## Pages 18 – 21 **WAECO** COOIFreeze CF

**Page 27** 

Pages 22 – 26



CoolFreeze CF-32UP

CoolFreeze CF-50

CoolFreeze CF-60

CoolFreeze CF-110

## **WAECO** CoolFreeze CDF



# **Ice-cold mobility!**

### Slimline compressor coolers at nice prices

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 three coolers in the WAECO CoolFreeze CDF series 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
- $\rightarrow$  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

	Gross capacity	approx. 10
	Voltage	12/24 vol
	Power input	approx. 30
	Temperature range	+10°C to – continuous
	Power consumption	0.36 kWh/
	Insulation	CFC-free po
	System	Compresso protection pole prote
	Colour	Pale grey/
	Weight	approx. 8.8
	Quality features	Electronic t battery mo two drink l safety belt
	Scope of delivery	DC connect
540		
	Product	Ref. No.
	CoolFreeze CDF-11	91051000
	<b>Optional extras:</b> Mains adapter 230 V > 24 V	EPS-100W
Two practical drink holders, convenient access with one hand	Enough room for the day's provisions, extra compartment for small snacks	

### Compressor coolers



4.29

0.5 litres NEW olts DC 0 watts -18°C usly variable via electronic thermostat /24 h Temperature range olyurethane foam +10°C to -18°C or with integrated control electronics, low voltage (can be disabled), electronic fuse/automatic reverse ection /dark grey .8 kg thermostat with digital temperature display, 3-stage Suitable for solar ionitor, LED interior light, adjustable shoulder strap, operatio holders, easy and secure fastening with the vehicle **Extremely compact** ction cable design roved to 2006/28/EC (Automotive EMC Directive) Two integrated drink holders Securely fastened in a vehicle using the vehicle's own seat belts 230-volt connection with w-priced mains adapter (p. 62 - 65)



Display with digital temperature

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

## **WAECO** CoolFreeze CDF

## **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 itre 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 heavyweight: refrigeration and deep-freezing up to -18°C with minimal energy consumption!

### WAECO CoolFreeze CDF-18

Portable compressor cooler for refrigeration and deep-freezing



Gross capacity	approx. 18 litres	
Voltage	12/24 volts DC	ANTAK
Power input	approx. 35 watts	3885
Average running time	10% at +20°C ambient temperature 18% at +32°C ambient temperature both at +5°C interior temperature	Temperature range
Power consumption	Power input x average running time	+10°C to -18°C
Temperature range	+10°C to -18°C, continuously variable via electronic thermostat	
Insulation	CFC-free PU foam	<b>BOSE</b>
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	Suitable for solar operation
Material	Cabinet: PP; lid: PE	Energy saver:
Colour	Body: pale grey/dark grey; lid: dark grey	short running times wit reinforced insulation:
Weight	approx. 11.5 kg	consumes only 0.29
Quality features	Detachable fold-up lid, sturdy carrying handle, vertical space for standing 2-litre bottles	Ah/h to reach +5°C interior temperature at +20°C ambient
Scope of delivery	DC connection cable	temperature
Test marks	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)	Insulating protective cover as accessory

Ref. No.

9105100002

EPS-100W

IC-CF-18

The truly

portable ridge/freezer















everything



Salad underneath, bottles above: the horizontal folding grid arranges

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

4.29

rt running times with

(page 29)

230-volt connection with

(D. 62 - 65)

priced mains adapte

# 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!





Closing mechanism: easy to use

and super-safe



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

Robust lid hinge, sturdy injection moulded cabine

### Compressor coolers



approx. 23 litres (19 l for refrigeration / deep-freezing, 15% at +20°C ambient temperature 19% at +32°C ambient temperature both at +5°C interior temperature Power input x average running time +10°C to -18°C, continuously variable via electronic thermostat 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 Body: pale grey / dark grey; lid: dark grey Detachable lid (lid mount at the front), vertical space for standing 2-litre bottles, interior light DC connection cable, detachable wire basket CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)



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

230-volt connection with ow-priced mains adapted (p. 62 - 65)



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

## **WAECO** CoolFreeze CF



# **Premium boxes for all applications**

## High-tech unlimited

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.

Compressor technology at its best – that's the term used to **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



### **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



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

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



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



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

essor cooler for refrigerati	on and deep-freezing with CF s	special electronics	
	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	XXXX
	Average running time	15% at +20°C ambient temperature 19% at +32°C ambient temperature both at +5°C interior temperature	Temperature range +10°C to -18°C
	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	<b>E</b> ÖE
	Insulation	CFC-free PU foam	
Yacht	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	Suitable for solar operation
Excellent	Material	Cabinet: PP, lid: PE	DC+AC
Test 13/2008	Colour	Body: pale grey / dark grey; lid: dark grey	
· · · · · ·	Weight	approx. 15 kg	12/24 volts DC and
	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)	100 – 240 volts AC
	Scope of delivery	DC and AC connection cables, evaporator grille, detachable carrying handles	Protective cover, fridge slides and fixing kit as
	Test marks	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)	accessories (pages 28 – 29)
6	Product	Ref. No.	
	CoolFreeze CF-35	CF-035AC	
	Ontional oxtrac		



	Product
	CoolFreeze CF-35
271 km 360	<b>Optional extras</b> Fridge slide, long Fridge slide, wide Universal fixing kit
	Insulating protective cover

### SLD-060 SLD-060W UFK-C 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
<b>Optional extras</b> Fridge slide, long	SLD-060
Fridge slide, wide	SLD-060W
Universal fixing kit	UFK-C
Insulating protective cover	IC-CF-40

**CF** special electronics

with soft start and

turbo coolor

### WAECO CoolFreeze CF-50

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



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

	Gross capacity	approx. 59 8 I for fres
	Voltage	12/24 vol
	Power input	approx. 45
	Average running time	18% at +2 22% at +3 both at +5
	Power consumption	Power inpu
NEW I	Temperature range	+10°C to – thermosta
	Insulation	CFC-free po
	System	see CF-35
	Material	Cabinet: Pl
	Colour	Body: pale
	Weight	approx. 21
	Quality features	Detachable interior lig electronics
	Scope of delivery	DC and AC detachable
	Test marks	CE, TÜV/GS
1. 630 .1 1. 360		- 4
	Product	Ref. No.
	CoolFreeze CF-60	CF-060AC
	<b>Optional extras</b> Fridge slide, long	SLD-060
	Fridge slide, wide	SLD-060W
	Universal fixing kit	UFK-C
	Insulating protective cover	IC-CF-60

### Compressor coolers

- 12/24 volts DC and 110 240 volts AC 15% at +20°C ambient temperature 19% at +32°C ambient temperature both at +5°C interior temperature Power input x average running time +10°C to -18°C, free temperature setting via electronic thermostat with digital temperature readout Body: pale grey / dark grey; lid: dark grey 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)
- CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)

- 9 litres (51 l for refrigeration/deep-freezing, sh food) olts DC and 100 – 240 volts AC 5 watts 20°C ambient temperature, 32°C ambient temperature, 5°C interior temperature put x average running time -18°C, free temperature setting via electronic tat with digital temperature readout
- olyurethane foam PP; lid: PE
- e grey / dark grey; lid: dark grey
- 21.6 kg
- le lid (plug-in lid mount, variable left/right), ight, vertical space for 2-litre bottles, CF special cs with soft start and turbo cooler (p. 23)
- C connection cables, removable wire basket,
- le carrying handles
- GS, e-approved to 2006/28/EC (Automotive EMC Directive)



Temperature range +10°C to -18°C Suitable for solar operation 12/24 volts DC and 100 - 240 volts AC Protective cover, fridge slides and fixing kit as accessories (pages 28 – 29) CF-50 / CF-60: Detachable lid, folds up transversely, variable lid mounts **CF** special electronics with soft start and turbo cooler

			Fridge slides and
	Test marks	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)	
	Scope of delivery	DC and AC connection cables, removable wire basket, detachable carrying handles	for personal and professional use
	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)	Jumbo coolers
	Weight	approx. 31 kg	12 / 24 volts DC and 100 - 240 volts AC
	Colour	Body: pale grey/dark grey, lid: pale grey	12 /24 webte DC and
	Material	Cabinet: coated sheet steel, top and base: PP, lid: PE	
	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	Suitable for solar operation
	Insulation	CFC-free PU foam	
	Temperature range	+10°C to -18°C, free temperature setting via electronic thermostat with digital temperature readout	<b>EO</b> E
1 A A	Power consumption	Power input x average running time	
00	Average running time	12% at +20°C ambient temperature 22% at +32°C ambient temperature both at +5°C interior temperature	Temperature range +10°C to –18°C
	Power input	approx. 65 watts	xtx
	Voltage	12 / 24 volts DC and 100 – 240 volts AC	388
	Gross capacity	approx. 80 litres (73 l for refrigeration / deep-freezing, 7 l for fresh food)	
ge-capacity cooler for refrigeration			4.

CF-080AC

SLD-110

SLD-110W

IC-CF-80



	Product
500	CoolFreeze CF-80
	<b>Optional extras:</b> Fridge slide, long
	Fridge slide, wide
	Insulating protective cover

### WAECO CoolFreeze CF-110

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



Product	Ref. No.
Test marks	CE, TÜV/GS, e-approved to 2006/28/EC (Automotive EMC Directive)
Scope of delivery	DC and AC connection cables, removable wire basket, detachable carrying handles
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)
Weight	approx. 33 kg
Colour	Body: pale grey / dark grey, lid: pale grey
Material	Cabinet: coated sheet steel, top and base: PP, lid: PE
System	As for CF-80
Insulation	CFC-free PU foam
Temperature range	+10°C to -18°C, free temperature setting via electronic thermostat with digital temperature readout
Power consumption	Power input x average running time
Average running time	14% at +20°C ambient temperature 25% at +32°C ambient temperature both at +5°C interior temperature
Power input	approx. 65 watts
Voltage	12/24 volts DC and 100 - 240 volts AC
Gross capacity	approx. 106 litres (93 l for refrigeration/deep-freezing, 13 l for fresh food)







as accessories

(pages 28 – 29)

## **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 deepfreezing 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

	Gross capacity
	Voltage
	Power input
1	
	Charging time
	Operation with battery
	Average running time
	Average running time
	Power consumption
	Temperature range
	Insulation
	System
	Material
	Colour
	Weight
	Quality features
	quality reactives
	Scope of delivery
	Test marks
	Product
	CoolFreeze CF-32UP
271	Optional extras
	Mains adapter 110 – 240 V ′ 24 V
	Fridge slide, long
580 360	Fridge slide, wide
	Universal fixing kit
opifications and availability are a	subject to change serving the technical imp
are s	subject to change serving the technical imp

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### Compressor coolers



### Ref. No.

9105100001

MPS-50 SLD-060 SLD-060W UFK-C



An extra control panel

for the battery: ON/OFF switch, LED dis-

play showing the battery charging state

# **WAECO** CoolFreeze Accessories



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



Material, inside Colour. sides Colour. lid and base **Ouality features** 

Material, outside

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

www.dometic-waeco.com

### Accessories for compressor coolers



- High-quality silver-grey Oxford nylon,lid and base in robust, rubber coated, black nylon
- Aluminium coated polyester
- Silver grey
- Black
- 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

4.10



Practical outside pockets for small items



Top insulation in aluminium coated polyester