

BUYING GUIDE

# BUYING GUIDE COOLERS

FIND THE RIGHT COOLING BOX FOR YOUR VEHICLE

CFX

Mobile living made easy.

 **DOMETIC**

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# YOUR COOLER – AS INDIVIDUAL AS YOU ARE!

We offer a vast range of coolers. To be precise, we have the world's largest selection of coolers, developed for small and large mobile homes, for yachts and boats, for cars, trucks and vans.

In order to find out which cooler is most suitable for you, your vehicle and your ideas of comfort, you should ask yourself a few questions prior to the purchase. A bit of technical background knowledge won't go amiss, either. You will be able to gain that from this brochure – step by step it will lead you to a good buying decision. On the last pages you find our entire cooler range so that you can realize your decision straight away.

## INFO TAGS FOR HELP

Here are the tags most commonly used for mobile cooling by Dometic. They will allow you to identify all the basic features of a cooling appliance at first glance.



CONTROLLED VIA WIFI APP



COOLING AND HEATING



FOR MAINS OPERATION  
(230 VOLTS OR 100 – 240 VOLTS AC)



FOR OPERATION ON 12 OR 24 VOLTS DC



POWERED BY GAS



SUITABLE FOR SOLAR OPERATION



ABSOLUTELY SILENT

# FOUR COOLING SYSTEMS

WITH DIFFERENT ADVANTAGES

Four different cooling systems ensure that everything stays fresh on the move. Why as many as four? The reason is that each of them has its own particular advantages that recommend them for certain conditions. So please find a short explanation of the functional principles of the different technologies below.

**1. PASSIVE COOLING**

**2. ABSORPTION COOLING**

**3. THERMOELECTRIC TECHNOLOGY**

**4. COMPRESSOR TECHNOLOGY**

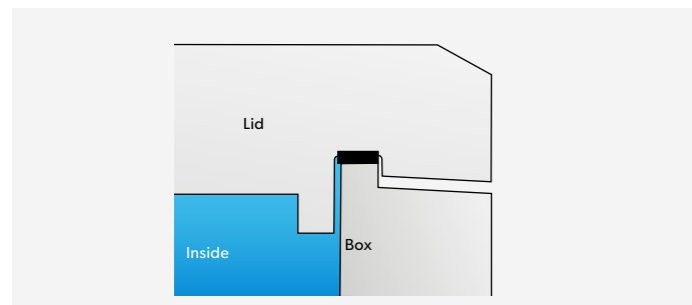


# FOUR COOLING SYSTEMS

## FOR MOBILE APPLICATIONS

### 1. PASSIVE COOLING

Passive coolers offer a key benefit – they require no power supply. Instead, they feature a highly effective polyurethane foam insulation, combined with a tight closing labyrinth seal. Fitted with cold packs or ice cubes, they keep the contents fresh for several days, depending on the use and weather conditions.

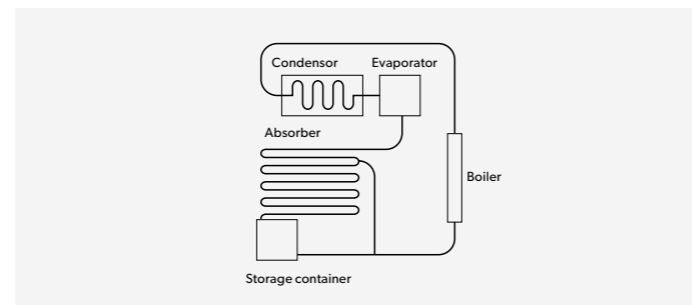


#### PASSIVE COOLERS

- Require no external energy supply
- Keep things fresh for several days, depending on the ambient temperature
- Highly effective PU insulation, combined with a tight closing labyrinth seal
- Easy to clean
- Optimised volume/weight ratio

### 2. ABSORPTION COOLING

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



#### ABSORPTION COOLERS

- Gas-powered cooling independent of electricity
- 12 volts DC and 230 volts AC
- Silent operation
- Cooling performance depending on the ambient temperature



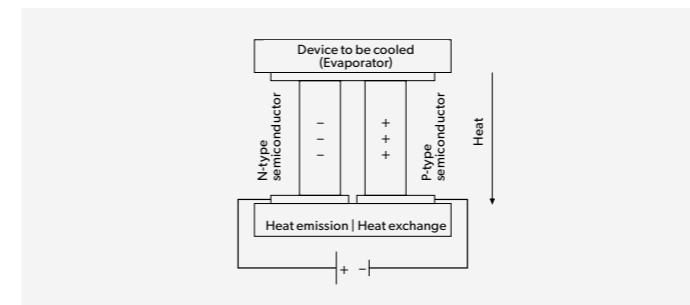
#### OUR TIP!

The Dometic CoolFreeze compressor cooler remains cold even when it's hot. It is ideal for mobile use and for a barbecue at home, where it can be connected to the mains to provide temporary storage for meat and drinks.

### 3. THERMOELECTRIC TECHNOLOGY

The thermoelectric principle was discovered in 1834 by J.C.A. Peltier, which is why the temperature generating parts of thermoelectric systems are referred to as Peltier elements. Thermoelectrics are based on the fact that cold or heat energy (depending on the polarity) is generated when a DC current is conducted between different types of metal.

The heating or cooling capacity is further enhanced by heat exchangers and air fans. Ideal for low and medium cooling volumes.

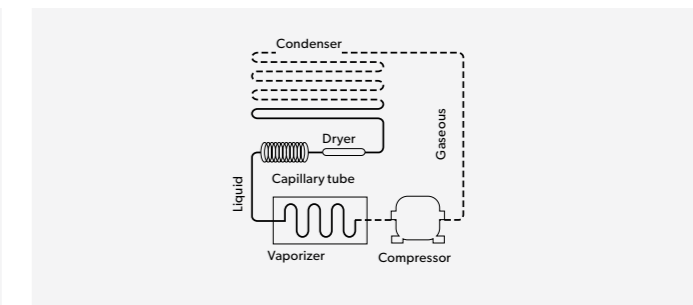


#### THERMOELECTRIC COOLERS

- 12 / 24 / 230 volts
- Impeccable operation in inclined position
- Lightweight and low-cost
- Cooling performance depending on the ambient temperature

### 4. COMPRESSOR TECHNOLOGY

Compressor units operate using a refrigerant that changes from liquid to gaseous state in the evaporator. The evaporation extracts heat from the interior of the cooling unit – the temperature drops. The compressor draws in the refrigerant, compresses it and passes it on to the condenser. Here, the absorbed heat is released to the atmosphere. The refrigerant liquefies again and flows to the evaporator, where the cycle begins again.



#### COMPRESSOR COOLERS

- Excellent cooling performance even at extreme ambient temperatures
- Refrigeration and deep-freezing
- 12 / 24 / 100 – 240 volts
- Low power consumption
- Suitable for solar operation
- Integrated Battery protection

# ON THE MOVE: WHERE AND HOW?

## TEMPERATURE CONDITIONS AT YOUR HOLIDAY DESTINATION

It makes quite a difference whether you mostly drive the vehicle you use for work or leisure in a moderate climate or in the hot, sunny south. It's a fact that the cooling performance of thermoelectric, absorption or passive coolers is influenced by the respective ambient temperature. Compressor coolers, by contrast, are independent from the ambient temperature and even permit deep-freezing. When the daytime temperature often rises to about 40 °C and more,

as it tends to do in Spain, Greece and Croatia for example, thermoelectric systems cannot be expected to deliver satisfactory cooling results. Depending on where you place it, you may be luckier with an absorption cooler. If you want to be on the safe side, however, you are best advised to choose a compressor cooler for cooling performance in hot regions.

TYPE OF COOLER	OUTSIDE TEMPERATURE	INTERIOR TEMPERATURE ACHIEVED
<b>Absorption technology (CombiCool ACX 40)</b> Up to 30 °C below ambient temperature	40 °C	10 °C
<b>Thermoelectric (TropiCool TCX 21)</b> Up to 27 °C below ambient temperature	40 °C	13 °C
<b>Thermoelectric / Compressor technology (CoolFun CK 40D Hybrid)</b>		
Thermoelectric: Up to 20 °C below ambient temperature	40 °C	20 °C
Compressor technology	40 °C	Preset temperature Temperature range: +10 °C to -15 °C
<b>Compressor technology (CFX3 45)</b>	40 °C	Preset temperature Temperature range: +10 °C to -22 °C

Pick a cooler to match the ambient temperature. It is an important aspect to consider when you decide whether it has to be a passive cooler, a versatile absorption cooler, a lightweight thermoelectric unit or a compressor box with cooling power independent of the ambient temperature.



Thermoelectric / Compressor technology



Thermoelectric technology



Absorption technology



Passive cooling

## TWO COOLING SYSTEMS IN ONE BOX

Ingenious technology for even more versatile use: the Dometic CoolFun CK 40D Hybrid incorporates a high-performance compressor as well as a thermoelectric unit. In compressor mode (230 volts) it provides refrigeration and deep-freezing up to -15 °C, regardless of the temperature outside. The integrated thermoelectric system fills in when the cooler is used in the vehicle. Connected to the 12-volt battery it cools food and drinks up to 20 °C below the ambient temperature while driving. It is the ideal awning fridge – and just as great for your home or garden party.



# WHAT LEVEL OF COOLING PERFORMANCE DO YOU NEED?

## SMALL-SCALE FRESHNESS OR FULL POWER?

You like to go on day trips and keep fruit and soft drinks nice and cool? Or are you on the road for weeks on end with your mobile home, truck or boat and therefore wish to take deep-frozen food as well? While an inexpensive thermoelectric cooler will do in the first case, the second situation definitely calls for a compressor unit.



COOLING SYSTEM	
Passive cooling	Insulating effect depending on the ambient temperature
Absorption technology	Refrigeration depending on the ambient temperature, ice cubes on the evaporator
Thermoelectric technology	Refrigeration depending on the ambient temperature
Compressor technology	Refrigeration and deep-freezing from +10 °C to -22 °C (CFX3)



### OUR TIP!








Dometic Cool-Ice passive coolers (p. 18, 32) are an excellent choice for fishing trips. They keep bait and catch fresh for many hours without an external energy supply. A set of cold packs or ice cubes will do.

# WHICH ENERGY SOURCE DO YOU WANT TO USE?

## 12 VOLTS, 24 VOLTS, 230 VOLTS, GAS, SOLAR ENERGY?

Is it okay for you to run your cooler “only” from the 12 or 24-volt vehicle battery? Would you like a 230-volt mains option as well? Or are you one of those camping enthusiasts who prefer cooling with gas? The Dometic cooler range accounts for all these energy options. Compressor units can even be run with solar power – a plus factor you should exploit when travelling in the sunny south a lot.

If gas operation is all-important to you, absorption cooling is your system of choice. Dometic compressor coolers excel for their energy-efficient operation. Integrated battery protection puts you on the safe side when the unit is powered via the vehicle battery. This feature is fitted as standard on all Dometic compressor boxes as well as the thermoelectric coolers of the TCX series.

ENERGY SOURCE		
Absorption technology	12 volts / 230 volts / gas	  
Thermoelectric technology	12 volts / 24 volts / 230 volts	 
Compressor technology	12 volts / 24 volts / 100 – 240 volts	 

### ENERGY SOURCE WHEREVER YOU GO

Integrated cradle for a gas cartridge for the CombiCool ACX 40G absorption cooler.



# WHAT ABOUT ENERGY CONSUMPTION?

## DEALING WITH LIMITED ENERGY RESOURCES

In mobile applications electrical devices are mostly supplied from “limited energy sources”. That means energy consumption is a crucial factor to consider. The table below tells you how to calculate the consumption of specific cooling appliances. It becomes obvious

that longer periods of use (e.g. more than 2 days) call for the energy-efficient compressor technology. The owners of an absorption unit have an alternative, though: gas operation.

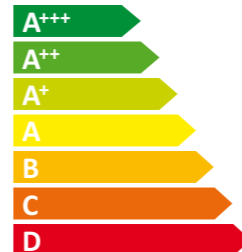
COOLING TECHNOLOGY	FORMULA	EXAMPLE	AMPERAGE
<b>Absorption technology</b> CombiCool ACX 40	Power input: voltage	85 watts: 12 volts	= 7 Ah / h, 168 Ah / day
<b>Thermoelectric technology</b> CoolFun SC 30	Power input: voltage	47 watts: 12 volts	= 3.92 Ah / h, 94 Ah / day
<b>Compressor technology</b> CFX3 45	Current draw x average running time* (52 W: 12 V = approx. 4.3 A)	4.3 A x 20%	< 1 Ah / h, < 24 Ah / day

22% average running time at 32 °C ambient temperature and 5 °C inside the unit

## REQUIREMENTS FOR COOLING APPLIANCES: ENERGY CONSUMPTION LABELING

Coolers which are predominantly run on the mains are subject to the Eco Design directive for determining the energy efficiency class. Absorption coolers are exempt as they can also be operated with gas. Depending on the cooling technology, mobile cooling appliances can use two different measuring techniques. Thermoelectric coolers cool down to an interior temperature of 17 °C at an ambient temperature of 25 °C. The power consumption required for this is represented by the energy efficiency. The Dometic thermoelectric coolers all consistently reach A++. Compressor-powered coolers

are classified with an ambient temperature of 25 °C and an interior temperature of 5 °C. The models in the Dometic CFX3 series here with the A++ energy efficiency class achieve top rates which have never been matched in the area of mobile compressor coolers.




# HOW MUCH “NOISE” IS ACCEPTABLE?

## DIFFERENT NOISE EMISSION LEVELS

The noise emission of a cooler is not much of an issue while traveling in a car, boat or truck. It’s a different story when it is kept in the room you are staying or even sleeping in. If you – like most camping enthusiasts – wish to place your cooler under the awning, you are

best advised to choose an absorber unit. This type of cooler is almost quiet. If the occasional start of the compressor does not really bother you though, you will be just as happy with a compressor box.



COOLING TECHNOLOGY	NOISE EMISSION
<b>Absorption technology</b>	Absolutely silent 
<b>Thermoelectric technology</b>	Continuous fan noise
<b>Compressor technology</b>	Occasional, quiet running noise of the compressor

# WHAT SIZE SHOULD YOUR COOLER BE?

## SOLUTIONS FROM XS TO XXL

Of course we can deliver coolers in any size and volume you want. Please consider, however, that the larger the cooling compartment, the more energy is required. Moreover, a jumbo-size cooler is heavier and more difficult to store than a compact model. On the other hand, a compact cooler would hardly be sufficient for a family of five – they would certainly need more cooling capacity. The same is true for truck drivers, who tend to be on the road in pairs and for days on end. And, of course, skippers planning a long trip will require a different cooler than anglers who just want to safely store the catch of the day.

Conclusion: The cooler you choose should be a perfect match for you, your companions and your travelling habits, but also in terms of size and the space available in your vehicle.



### OUR TIP: "TAKE TWO!"

For day tours and spontaneous picnics we recommend the thermoelectric TropiCool TCX 21 for example. In the morning you put soft drinks and sandwiches in it – in the evening it's empty. It's also great for everyone having to travel for work a lot. Long trips, however, require a somewhat larger and stronger solution.

Take the CFX3 55 compressor cooler for instance. It neatly fits into the storage compartment and is great for the occasional boat trip as well. Its greatest bonus is its incredible performance. The sun may be scorching hot, yet this unit plays it cool!

COOLING SYSTEM	CAPACITIES AVAILABLE IN THE DOMETIC RANGE
Passive cooling	13 – 110 litres
Absorption technology	31 – 40 litres
Thermoelectric technology	7 – 37 litres
Compressor technology	10.5 – 88 litres

## COOLING AND DEEP-FREEZING SIMULTANEOUSLY IN ONE BOX?

This useful feature was formerly the reserve of refrigerators with an integrated freezer compartment. With the arrival of the Dometic CFX3 DZ series (p. 29), it is also available in portable compressor coolers. DZ stands for dual-zone refrigeration, an innovative technology that allows you to store fresh produce and frozen food simultaneously in one cooling box. The two temperature zones have separate controls, so you can set them as required.

If it's just ice cubes you want, the CFX3 55IM (p. 28) gives you a smart solution. This compressor box is the first one in the world of single-zone portable refrigeration able to produce ice even when set to refrigeration. Make ice cubes in a 3 hours and have ample capacity for your fresh provisions!





## THE POWER TO BE PRESENT

### SEBASTIAN CANAVES

Sebastian Canaves is always on-the-go and off-the-path, traveling the world and sharing his experiences thanks to his Dometic CFX3 powered cooler.

Recently, Sebastian took Dometic to one of his favorite places on the banks of the Isar River for a cookout. The tranquil camping spot is ideal for a relaxing evening of good food without any compromises. "We love the proximity to the river and the nature and love sitting by a fire to enjoy a good meal," Sebastian said. "The CFX3 and PLB40 were perfect as we were able to move our kitchen right to the river and the fire. We barbecued salmon on wood planks with some potatoes in herbs. It was very delicious!" Not having to worry about spoiling food, melting ice, limited space, or running out of energy gives Sebastian and his crew the power to be present in every moment.

 [instagram.com/offthepath](https://www.instagram.com/offthepath)



## ELECTRONIC ACCESSORIES FOR PORTABLE COOLERS

### MAINS CONNECTION FOR DC COOLERS

Do you have a portable cooler with a 12-volt or 12/24-volt connection, or are you planning to buy one? Then you will always have the option to run it from the mains too. With the matching Dometic CoolPower mains adapter you can use it on a mains socket at home, in the hotel, or in your holiday home. That will give you a much wider range of possibilities.



#### COOLPOWER EPS 817

Mains adapter for hassle-free connection of thermoelectric 12-volt cooling appliances to the 230-volt mains.

Portable power for 12 V devices



### NEW! DOMETIC PLB40 MAINTAIN POWER AFTER IT'S GONE

The Dometic PLB40 Ah Lithium Iron Phosphate battery delivers high levels of mobile power – up to 53 hours of Dometic CFX3 45 cooling on a single charge (When fridge temperature is +4 °C and ambient temperature +25 °C). Designed to supply power to powered coolboxes and other 12 V appliances while being off-grid. Thanks to its lightweight and compact design you can enjoy true independence and travel off-grid for longer.

- Enables you to travel off-grid for longer
- Three-way charging via 12 V socket, solar panel or AC house power
- Extremely lightweight, ergonomically designed stainless steel carry-handle
- Specifically designed for Dometic CFX3 and other powered coolers
- IP rating IP44



reddot design award  
winner 2019

#### PLB40

Portable lithium battery, 40 Ah

# DOMETIC COOL-ICE

## ICEBOXES IN HEAVY DUTY QUALITY

Dometic iceboxes feature an extremely effective insulation system. Fitted with ice packs or ice cubes, they can keep groceries, fish, bait and wild game fresh for several days. The new facelift models of the popular series are even cooler. Practical accessories like seat cushions, rod holders and bottle openers make them indispensable companions for fishermen, hunters and other nature lovers. The modular storage system, consisting of wire baskets and dividers, organises the content. Available for all new Cool-Ice models (43 to 111 litres).

### ACCESSORIES

Cool-Ice CI boxes are even cooler with the right accessories. Seat cushions, fishing rod holders and bottle openers make them indispensable companions for anglers, hunters and other nature lovers.

See p. 32



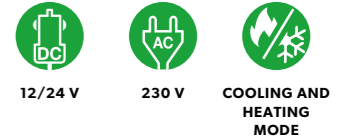
WCI 22 AND CI 42  
ALSO IN GREEN

# DOMETIC BORDBAR

## COMPACT UNITS FOR THE CAR

What was formerly reserved for luxury automobiles is now affordable for everyone. TB 08 and TB 15 provide drivers and passengers with cool snacks and drinks, and they can even keep hamburgers and chips warm. Placed on the front passenger seat or the centre of the rear seat, they are fastened with the safety belt.

- Cooling up to 20 °C below ambient temperature
- Heating up to +65 °C
- Easy to fasten with the seat belt on front passenger seat or centre of rear seat



**BORDBAR TB 08**  
Thermoelectric car cooler, 8 l

**BORDBAR TB 15**  
Thermoelectric car cooler, 15 l

**BORDBAR TF 14**  
Thermoelectric car cooler, 14 l

**BORDBAR AS 25**  
Thermoelectric car cooler, 20 l

# DOMETIC COOLFUN SC

“COOL FUN” AT WORK AND IN YOUR SPARE TIME

The Dometic CoolFun SC series offers high-performance thermoelectrics at a good price. The practical universal coolers provide active cooling up to 18 °C below the ambient temperature, and will also keep lunch warm if required. Our recommendation for cooling professionals is the SC 38, because it offers an ample storage capacity of 37 litres and many convenient extras: sturdy wheels and a telescopic handle for ease of transport, a flexible interior partition system, and a split lid for minimal cooling loss.

- Versatile carrying handle serves to support or lock the lid
- USB port for charging mobile devices
- Cooling up to 18 °C below ambient temperature
- Heats up to +65 °C
- Ready for use with 12 V DC or 230 V AC
- SC 30B: Fully recyclable biocomposite material minimizes waste



A++

**COOLFUN SC 38**

Thermoelectric cooler with wheels and telescopic handle, 37 l

A++

**COOLFUN SC 30**

Portable thermoelectric cooler, 29 l

A++

**COOLFUN SC 30B**

Portable thermoelectric cooler with biocomposite material, 29 l

trifilon  
BioLite®

CLIMATE  
SOLVER  
2018

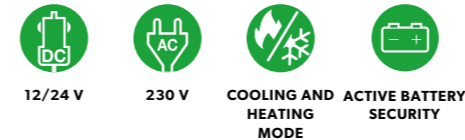
Outer shell made with natural-fiber composite

# DOMETIC TROPICOOOL TCX

COOLBOXES WITH ACTIVE BATTERY PROTECTION - ALSO WARMS FOOD

Fresh design with soft-touch controls and a digital display – these are the hallmarks of the new Dometic TropiCool TCX series. The new generation of our popular high-tech coolers features a lot of inner values: intelligent power-save circuit, individually adjustable temperature, and an active battery protection system that prevents excessive discharging of the vehicle battery. TropiCool TCX coolers provide cooling up to 27 °C (TCX07 25 °C) below the ambient temperature. If desired, they will also keep food warm. Activating the heating function supplies temperatures of up to +65 °C.

- Cooling up to 27 °C (TCX07 25 °C) below ambient temperature, heating up to +65 °C
- 12 / 24 / 230-volt connection as standard with priority circuit for mains operation
- Intelligent power-save circuit
- Active battery protection prevents deep discharge of the vehicle battery
- TC special electronics with a soft-touch control panel



12/24 V

230 V

COOLING AND HEATING MODE

ACTIVE BATTERY SECURITY



A++

**TROPICOOOL TCX 07**

Portable thermoelectric cooler, 7 l

**TROPICOOOL TCX 14**

Portable thermoelectric cooler, 14 l

A++

**TROPICOOOL TCX 21**

Portable thermoelectric cooler, 20 l



A++

**TROPICOOOL TCX 35**

Portable thermoelectric cooler, 33 l

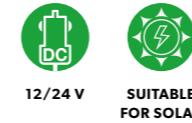
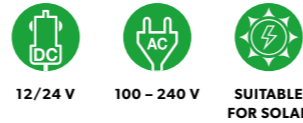
# DOMETIC COOLFREEZE

## EXTREMELY COMPACT

These remarkably lightweight compressor coolers are as easy to handle as a thermoelectric unit. Storage won't ever be a problem either, as the super-slim design means they will fill any niche perfectly. Performance is another plus factor: refrigeration and

deep-freezing down to  $-18\text{ }^{\circ}\text{C}$  or  $-15\text{ }^{\circ}\text{C}$ , with minimal power consumption, regardless of the outside temperature.

All Dometic CoolFreeze CF series coolers are ready for connection to 12/24 volts DC and 100 – 240 volts AC. CoolFreeze CDF coolers come standard with a 12/24-volt connection.



**Our best sellers for car drivers!**  
Featuring interior lighting and a user-friendly display



**COOLFREEZE CF 11**  
Portable compressor cooler and freezer, 10.5 l



**COOLFREEZE CF 16**  
Portable compressor cooler and freezer, 15 l



**COOLFREEZE CF 26**  
Portable compressor cooler and freezer, 21.5 l

**COOLFREEZE CDF 36**  
Portable compressor cooler and freezer, 31 l



### FIXING KIT

Vehicle fixing kit for CF 16 – 50, CDF 16 – 46  
Universal fixing kit for secure mounting of cooler in the vehicle.

# NEW DOMETIC CFF

## INNOVATIVE REVERSIBLE OPENING LID

The new CFF family is designed to keep adventurers off the grid for longer, integrating impressive cooling or freezing with efficient interior storage. Whether it's storing for short stays, long trip dinners, or wine and soft drink bottles, the CFF series makes the

most of its optimized capacity and allows everyone to enjoy everything cool that Dometic has to offer. The new compressor coolers will be available from 2020.



**A+**

**CFF 35**

Portable compressor cooler and freezer, 30 l

**A+**

**CFF 45**

Portable compressor cooler and freezer, 38 l



**DOUBLE-SIDED OPENING LID**

Easy access from either side

# DOMETIC COOLFREEZE CFX 28

## HIGH-TECH COOLER FOR UNIVERSAL USE

The Dometic CoolFreeze CFX 28 is a powerful cooler for refrigeration or freezing. With its high-performance compressor technology and extra thick insulation, this cooler is impressively quiet and efficient while being able to withstand the most demanding of loads thanks to its robust design. On top of all this, the CFX 28 is remarkably lightweight and easy to transport.

- Suitable for deep freezing down to -22 °C
- Excellent cooling performance even at extremely high outside temperatures
- 12/24 volts DC and 100 – 240 volts AC
- CFX special electronics with digital temperature display
- Extremely efficient and superbly quiet operation
- USB port for charging smartphones or MP3 players
- Drain plugs make cleaning simple
- Suitable for solar operation
- Heavy-duty version



### QUICK OVERVIEW

Electronic thermostat with digital temperature display



### ROBUST

Heavy-duty design with reinforced corners and a robust closing mechanism



**A++**

**COOLFREEZE CFX 28**

Portable compressor cooler and freezer, 26 l



# NEW DOMETIC CFX3

YEARS OF INNOVATION FOR COOLING PERFECTION

Take control of outdoor adventures like never before with the Dometic CFX3. Enjoy reliably fresh food and cold drinks thanks to Dometic's market leading VMSO3 variable-speed compressor cooling technology. Its optimized software ensures superior cooling, freezing and energy efficiency. The CFX3 features durable

and lightweight fender frames to protect the cooler, making it ideal for use in harsh outdoor environments. Strong, spring-loaded aluminum handles make it easy to lift and carry. Adjust the cooling temperature of your CFX3 on the TFT display screen or download the Dometic app and roam free without worry.

## KEY BENEFITS

- Heavy-duty yet lightweight construction, fender frame protected edges and stainless steel hinges
- CFX3 smartphone app allows temperature control via WiFi or Bluetooth and provides performance history
- Powerful VMSO3 compressor cooling technology efficiently refrigerates and deep-freezes to  $-22^{\circ}\text{C}$
- 3-stage dynamic battery protection system prevents a dead car battery or allows a deep draw on dual batteries
- Generous storage capacity of 32 – 88 l
- Built-in TFT user interface displays operating status
- Excellent insulation retains cool air
- IP44 rated, colour display IP64 rated



12/24 V



100 – 240 V



SUITABLE FOR SOLAR



CONTROLLED VIA WIFI OR BLUETOOTH

**A++**

**CFX3 45**

Portable compressor cooler and freezer, 40 l

**A+**

**CFX3 100**

Mobile compressor cooler and freezer, 88 l



### USER-FRIENDLY INTERFACE

The stylish TFT LCD user interface displays operating status



### RUGGED CONSTRUCTION

Fender frames protect the unit from damage



### OPTIMIZED VMSO3 CONTROLLED COMPRESSOR

Efficient variable-speed cooling



### FLEXIBLE POWER OPTIONS

Powered by 100 – 240 V AC, 12/24 V DC or battery power, solar compatible



### NEW CFX3 APP

Temperature control via CFX3 App



### EASY TO CARRY

Space-saving folding and detachable carrying handles

# DOMETIC CFX3 55IM

PRODUCES ICE IN A MATTER OF HOURS

In a first for single-zone portable refrigeration, the CFX3 55IM produces ice even when the unit is set to refrigeration, thanks to the built-in ice maker. It comes with two removable ice trays for cold drinks no matter where you are or how long you've been away. The trays feature snap-on silicon lids, so water won't spill

inside the cabinet of your CFX3. Just fill the trays, place them in the cabinet of the CFX3 for refrigeration, and enjoy ice in a matter of hours.



## NEW CFX3 APP

Temperature control via CFX3 App



## REMOVABLE ICE TRAYS

Produce ice in a matter of hours



**A++**

### CFX3 55IM

Portable compressor cooler and freezer, 46 l



12/24 V



100 - 240 V



SUITABLE FOR SOLAR



CONTROLLED VIA WIFI OR BLUETOOTH

# DOMETIC CFX3 DZ

SIMULTANEOUS COOLING AND FREEZING

Do you want to store fresh produce, or preferably frozen food? Actually this is not the question here. Dometic CFX3 DZ series coolers satisfy all your needs with their dual-zone refrigeration system. The two temperature zones have separate controls, so they can be precisely set as required. Even simultaneous cooling and

freezing is possible. On top of this, the high-tech coolers give you a nice extra feature: Using the CFX smartphone app, you can conveniently control the temperature via WiFi or Bluetooth.



12/24 V



100 - 240 V



SUITABLE FOR SOLAR



CONTROLLED VIA WIFI OR BLUETOOTH

**A+**

### CFX3 75DZ

Mobile compressor dual-zone cooler and freezer, 65 l

**A+**

### CFX3 95DZ

Mobile compressor dual-zone cooler and freezer, 82 l

# DOMETIC COOLFUN CK 40D HYBRID

TWO COOLING SYSTEMS IN ONE BOX

Are you looking for a highly efficient cooling appliance for the awning, the patio or the garage workshop? And ideally also for the car or camper vehicle? Then the Dometic CoolFun CK 40D HYBRID cooler is just what you need. It integrates two cooling technologies: powerful compressor cooling for refrigeration and deep-freezing on a mains socket, thermoelectric cooling for operation on the 12 V DC battery of your car or motorhome. The latter is strong enough to

keep pre-cooled goods in prime condition throughout the journey to your holiday destination. More benefits: ample 38 l capacity, elegant silver / black finish, integrated handles for perfect portability.



230 V



12 V



## ACCESSORIES

Cool box stand for CoolFreeze boxes

Ref. No.  
960000689



## COOLFUN CK 40D HYBRID

Portable hybrid cooler and freezer,  
38 l

# DOMETIC COMBICOOL ACX

12 VOLTS, 230 VOLTS OR GAS COOLING WHEREVER YOU WANT!

You've found a dream place to stay but there's no way to get there with the vehicle and no mains hook-up either ... Don't worry, CombiCool ACX absorption coolers from Dometic give you maximum freedom in choosing your picnic site. They run on 12 volts in the vehicle and on 230 volts at home or at a campsite. In

the great outdoors you simply switch over to gas mode. The ACX 40 G is even more versatile and works on a standard gas cartridge. All three ACX models provide cooling up to 30 °C below the ambient temperature. Another common feature of the ACX family is the elegant aluminium housing with the distinctive lid.



12 V



230 V



GAS



SILENT



## COMBICOOL ACX 35

Portable absorption cooler, 31 l,  
50 mbar

## COMBICOOL ACX 40

Portable absorption cooler, 40 l,  
50 mbar

## COMBICOOL ACX 40G




Portable absorption cooler, 40 l (gas  
cartridge use)

Can be operated with  
gas cartridges – unique  
in the market!





4.36 / Dometic Cool-Ice WCI

TECHNICAL DATA			
ICEBOXES	WCI 13	WCI 22	WCI 33
<b>Ref. No.</b>	9600000500	9600000501/ 9600019218	9600000502
<b>Storage volume</b> (l, approx.)	13	22	33
<b>Dimensions</b> (W x H x D, mm)	388 x 305 x 245	388 x 313 x 365	400 x 440 x 360
<b>Weight</b> (kg, approx.)	2.8	4.2	5.7
<b>Material</b>	UV-resistant plastic		

4.36 / Dometic Cool-Ice CI

ICEBOXES						
ICEBOXES	CI 42	CI 55	CI 70	CI 85	CI 85W	CI 110
<b>Ref. No.</b>	9600000541 9600019219	9600000542	9600000543	9600000544	9600000545	9600000546
<b>Storage volume</b> (l, approx.)	43	56	71	87	86	111
<b>Dimensions</b> (W x H x D, mm)	640 x 355 x 418	570 x 432 x 515	690 x 432 x 515	840 x 432 x 525	840 x 432 x 525	1055 x 442 x 535
<b>Weight</b> (kg, approx.)	8.7	10.6	11.8	14	14.6	18.1
<b>Material</b>	UV-resistant plastic					

## / Optional extras

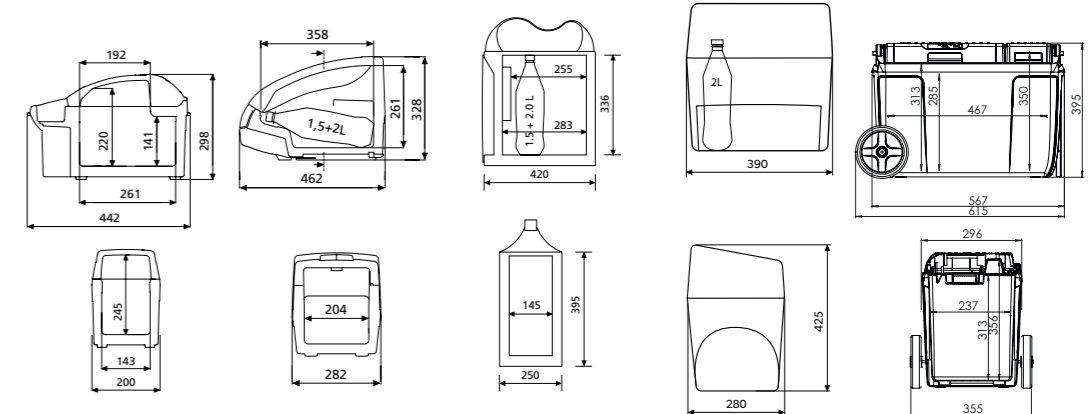
Seat Cushion	9108400892	9108400893	9108400894	9108400895	9108400895	9108400896
Divider	9108400897	9108400898	9108400898	9108400898	9108400898	9108400898
Basket Small	9108400899	9108400900	9108400900	9108400900	9108400900	9108400900
Beverage Holder & Bracket	9108400901	9108400901	9108400901	9108400901	9108400901	9108400901
Beverage Holder	9108400902	9108400902	9108400902	9108400902	9108400902	9108400902
Rod Holder	9108400903	9108400903	9108400903	9108400903	9108400903	9108400903
Bottle Opener	9108400904	9108400904	9108400904	9108400904	9108400904	9108400904
Fixing Kit	9108400905	9108400905	9108400905	9108400905	9108400905	9108400905







4.08 / Dometic BordBar

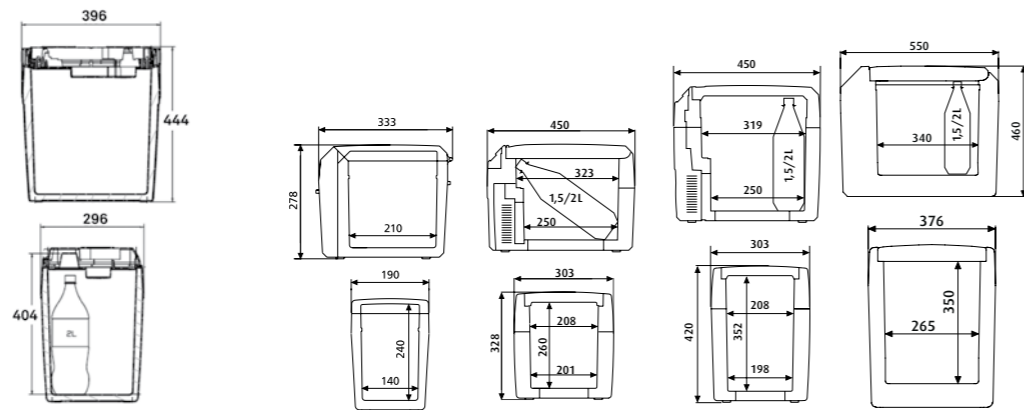
4.08 / Dometic BordBar





4.02 / Dometic CoolFun SC

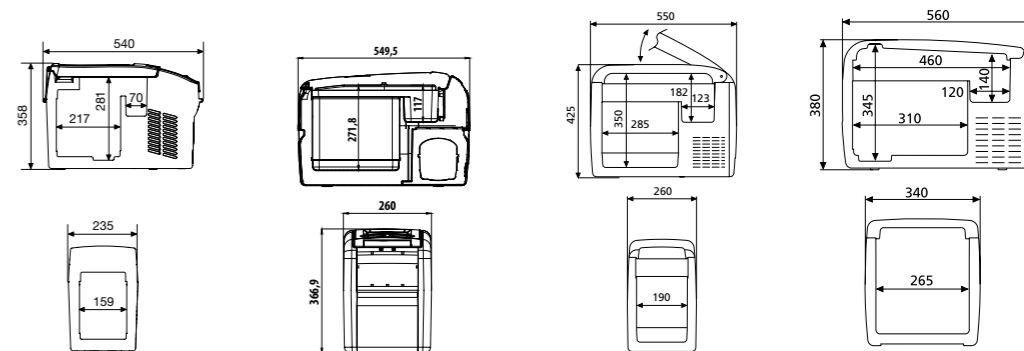
TECHNICAL DATA					
THERMOELECTRIC COOLERS	TB 08	TB 15	TF 14	AS 25	SC 38
<b>Ref. No.</b>	9600000488	9600000489	9600000499	9600000459	9600000487
<b>Storage volume</b> (l, approx.)	8	15	14	20	37
<b>Connections</b>	12 V DC	12 V DC	12 V DC	12 V DC / 230 V AC	12 V DC / 230 V AC
<b>Consumption</b> at 12 volts DC (watts) at 230 volts AC (watts)	32 -	40 -	36 -	36 40	47 55
<b>Energy class</b>	-	-	-	A++	A++
<b>Temperature range</b> (°C, approx.) Cooling below ambient temperature Heating	max. 20 +65	max. 20 +65	max. 25 -	max. 18 -	max. 18 +65
<b>Weight</b> (kg, approx.)	3.2	5.2	4.6	4.3	5.3
<b>Test marks</b>	TÜV/GS, E-certified (Automotive EMC Directive)				



TECHNICAL DATA						
THERMOELECTRIC COOLERS	SC 30B	SC 30	TCX 07	TCX 14	TCX 21	TCX 35
<b>Ref. No.</b>	9600024482	9600000486	9600025390	9600013319	9600013320	9600013321
<b>Storage volume (l, approx.)</b>	29	29	7	14	20	33
<b>Connections</b>	12 V DC / 230 V AC	12 V DC / 230 V AC	12 V DC / 230 V AC	12 / 24 V DC / 230 V AC	12 / 24 V DC / 230 V AC	12 / 24 V DC / 230 V AC
<b>Consumption</b> at 12 volts DC (watts)	47	47	47	46	46	46
at 24 volts DC (watts)	-	-	-	50	50	50
at 230 volts AC (watts)	55	55	55	64	64	64
<b>Energy class</b>	A++	A++	-	A++	A++	A++
<b>Temperature range</b> Cooling below ambient temperature (°C, approx.)	max. 18	max. 18	max. 25	max. 27	max. 27	max. 27
Heating	+65	+65	+65	+50 to +65	+50 to +65	+50 to +65
<b>Weight (kg, approx.)</b>	4.0	4.0	2.8	5.0	6.0	10.0
<b>Test marks</b>	TÜV/GS, E-certified (Automotive EMC Directive)					



TECHNICAL DATA				
COMPRESSOR COOLERS	CF 11	CF 16	CF 26	CDF 36
<b>Ref. No.</b>	9600005337	9600005339	9600005341	9600005344
<b>Storage volume (l, approx.)</b> incl. for fresh food (l)	10.5 -	15 -	21.5 4	31 -
<b>Connections</b>		12 / 24 V DC 100-240 V AC		12 / 24 V DC
<b>Temperature range (°C)</b>		+10 to -18		+10 to -15
<b>Power input (watts, approx.)</b>	35	35	35	45
<b>Current consumption (Ah/h) at 12 V</b> at +20 °C	0.29	0.21	0.44	0.75
at +32 °C	0.61	0.44	0.67	1.13
ambient temperature, both at +5 °C interior temperature				
<b>Refrigerant</b> Refrigerant quantity	R134a 28 g	R134a 30 g	R134a 28 g	R134a 38 g
CO <sub>2</sub> equivalent	0.040 t	0.043 t	0.040 t	0.054 t
Global warming potential (GWP)	1430	1430	1430	1430
<b>Energy class</b>	A++	A++	A++	-
<b>Weight (kg, approx.)</b>	8.5	9.5	10.5	17
<b>Test marks</b>	TÜV/GS, E-certified (Automotive EMC Directive)			




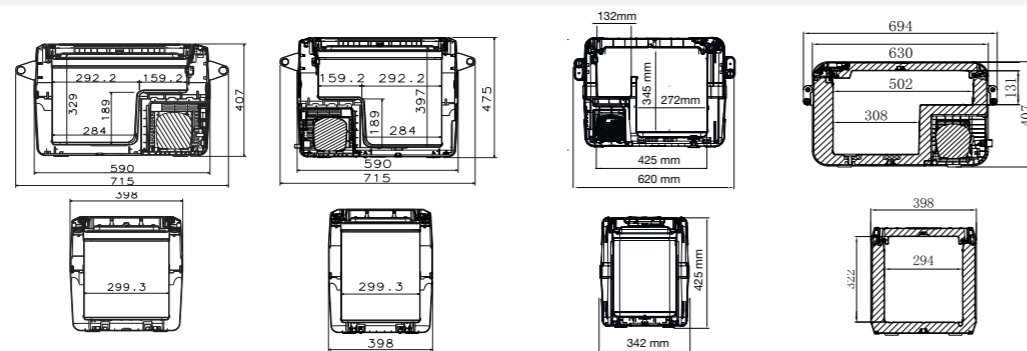
3.30 / Dometic CFF

4.30 / Dometic CoolFreeze CFX

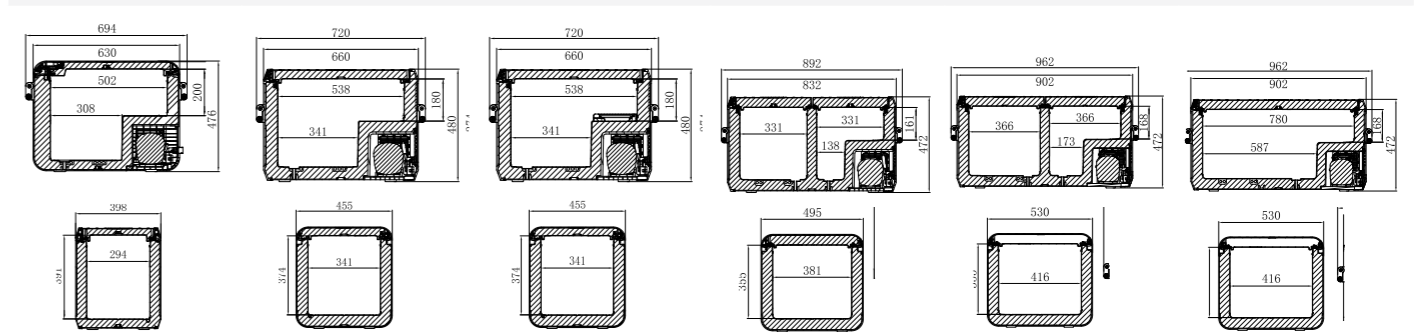
4.30 / Dometic CFX3





4.30 / Dometic CFX3

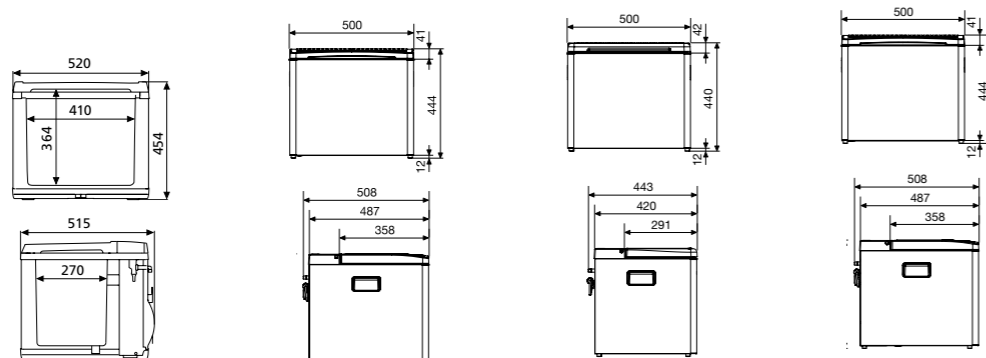
TECHNICAL DATA				
<b>COMPRESSOR COOLERS</b>	<b>NEW CFF 35</b>	<b>NEW CFF 45</b>	<b>CFX 28</b>	<b>NEW CFX3 35</b>
<b>Ref. No.</b>	9600024842*	9600012977*	9600000468	9600025324
<b>Ref. No. UK</b>				9600025325
<b>Storage volume</b> (l, approx.) incl. for fresh food (l)	30 –	38 –	26 3.5	32
<b>Connections</b>	12 / 24 V DC 100–240 V AC			
<b>Temperature range</b> (°C)	+10 to –18		+10 to –22	
<b>Power input</b> (watts, approx.)	53	53	40	50
<b>Current consumption</b> (Ah/h) at 12 V at +20 °C at +32 °C ambient temperature, both at +4 °C interior temperature	0.57 1.03	0.60 1.07	0.30 0.58 Set temp. 5 °C	0.47 0.98
<b>Energy class</b>	A+	A+	A++	A++
<b>Refrigerant</b> Refrigerant quantity CO <sub>2</sub> equivalent Global warming potential (GWP)	R 134a 40 g 0.057 t 1430	R 134a 50 g 0.072 t 1430	R 134a 38 g 0.054 t 1430	R 134a 38 g 0.054 t 1430
<b>Weight</b> (kg, approx.)	17.2	18.6	13.1	16.9
<b>Protection class</b>	–	–	–	IP44, colour display IP64
<b>Test marks</b>	TÜV/GS, E-certified (Automotive EMC Directive)			


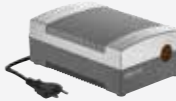



TECHNICAL DATA						
<b>COMPRESSOR COOLERS</b>	<b>NEW CFX3 45</b>	<b>NEW CFX3 55</b>	<b>NEW CFX3 55IM</b> incl. removable icetrays	<b>NEW CFX3 75DZ</b>	<b>NEW CFX3 95DZ</b>	<b>NEW CFX3 100</b>
<b>Ref. No.</b>	9600025326	9600025328	9600025330	9600025332*	9600025334*	9600025336*
<b>Ref. No. UK</b>	9600025327	9600025329	9600025331	9600025333	9600025335	9600025337
<b>Storage volume</b> (l, approx.) incl. for fresh food (l)	40	48	46	65 (39 / 26)	82 (48 / 34)	88
<b>Connections</b>	12 / 24 V DC 100–240 V AC					
<b>Temperature range</b> (°C)	+10 to –22					
<b>Power input</b> (watts, approx.)	52	50	52	70	70	73
<b>Current consumption</b> (Ah/h) at 12 V at +20 °C at +32 °C ambient temperature, both at +4 °C interior temperature	0.49 1.03	0.56 1.10	0.59 1.11	0.68 1.59	0.80 1.81	0.91 1.56
<b>Energy class</b>	A++	A++	A++	A+	A+	A+
<b>Refrigerant</b> Refrigerant quantity CO <sub>2</sub> equivalent Global warming potential (GWP)	R 134a 42 g 0.060 t 1430	R 134a 45 g 0.064 t 1430	R 134a 45 g 0.064 t 1430	R 134a 59 g 0.084 t 1430	R 134a 67 g 0.096 t 1430	R 134a 60 g 0.086 t 1430
<b>Weight</b> (kg, approx.)	18.7	20.4	21.3	27.8	29.8	29.6
<b>Protection class</b>	IP44, colour display IP64					
<b>Test marks</b>	TÜV/GS, E-certified (Automotive EMC Directive)					



TECHNICAL DATA				
COMPRESSOR COOLERS / ABSORPTION COOLERS	CK 40D HYBRID	ACX 40 G	ACX 35	ACX 40
<b>Ref. No.</b>	960000482 Not available in Switzerland	9105204291	9105204282 (28 – 37 mbar) 9105204281 (30 mbar **)	9105204284 (28 – 37 mbar) 9105204286 (30 mbar**)
<b>Storage volume</b> (l, approx.)	38	40	31	40
<b>Connections</b>	12 V DC (thermoelectrics) 230 V AC (compressor)	12 V DC / 230 V AC Gas cartridge	12 V DC / 230 V AC LPG	12 V DC / 230 V AC LPG
<b>Consumption</b> at 12 volts DC (watts) at 230 volts AC (watts) Gas (g/h)	3.9 at +20 °C ambient temperature, at +5 °C interior temperature	85 85 9.8	75 75 50 mbar: 12.3 30 mbar: 11.7	85 85 50 mbar: 12.3 30 mbar: 11.7
<b>Energy class</b>	A+	–	–	–
<b>Temperature range</b> Cooling below ambient temperature ( °C, approx.)	DC: to 20* AC: +10 to –15	max. 30	max. 30	max. 30
<b>Refrigerant</b> Refrigerant quantity CO <sub>2</sub> equivalent Global warming potential (GWP)	R134a 38 0,054 t 1430	–	–	–
<b>System</b>	Thermoelectrics + 230-V compressor, electronic thermostat in compressor mode	Absorption cooling	Absorption cooling	Absorption cooling
<b>Weight</b> (kg, approx.)	22	16	14	15
<b>Test marks</b>	TÜV/GS, E-certified (Automotive EMC Directive)	Certified to European Gas Appliance Directive 90/396/EEC		

\* below ambient  
temperature\*\* with hose, only permitted for use  
on a gas socket (coupling)

TECHNICAL DATA			
ELECTRONIC ACCESSORIES FOR COOLERS	PLB40 Lithium ion battery	EPS 817 Mains adapter for connecting thermoelectric 12-volt cooling appliances	EPS 100 Mains adapter for connection of 12- / 24-volt compressor cooling appliances to the 230-volt mains systems
<b>Ref. No.</b>	9600012878	9600000439	9600000440
<b>Battery capacity</b> (Ah)	40 / 512 Wh	–	–
<b>Chemistry</b>	LiFePO4	–	–
<b>Input voltage</b>	–	230 V AC / 50 Hz	230 V AC
<b>Output voltage</b>	–	13 V DC	25 V DC
<b>Battery voltage</b>	12.8 V DC	60 mA	12 / 24 V DC
<b>Continuous load</b>	–	6 A	–
<b>DC output amps</b>	15	–	–
<b>Continuous output</b> (W)	150 (per 12 V connection)	–	–
<b>Dimensions</b> (W x H x D, mm)	197 x 257 x 197	115 x 64 x 170	115 x 65 x 182
<b>Weight</b> (kg)	7.54	0.6	0.7

# THE FULL RANGE

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