

BUYING GUIDE

BUYING GUIDE COOLERS

FIND THE RIGHT COOLING BOX FOR YOUR VEHICLE

 **DOMETIC** **OUTDOOR**

CONTENTS

Criteria to consider when selecting the “right” cooler

Which “mobile” cooling technologies are available?	5 – 7
On the move: where and how?	8 – 9
What level of cooling performance do I expect?	10
Which energy source do I want to use?	11
What about energy consumption	12
Does it bother me if the cooler makes noise?	13
What size should the cooler be?	14
Ambassador Byron the Explorer	16 – 17
Product range	18 – 31
Technical data	32 – 40





DOMETIC **OUTDOOR**

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, 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 or BLUETOOTH



Powered by gas



Cooling and heating



Suitable for solar operation



For mains operation
(230 volts or 100 – 240 volts AC)



Absolutely silent



For operation on 12 or 24 volts DC

THREE COOLING SYSTEMS

With different advantages

Three different cooling systems ensure that everything stays fresh on the move. Why as many as three? 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. ABSORPTION COOLING

2. THERMOELECTRIC TECHNOLOGY

3. COMPRESSOR TECHNOLOGY

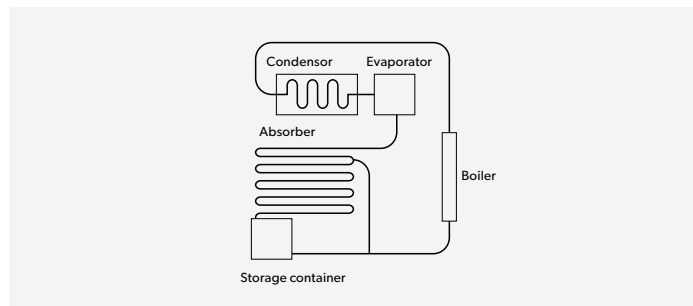


THREE COOLING SYSTEMS

For mobile applications

1. 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.



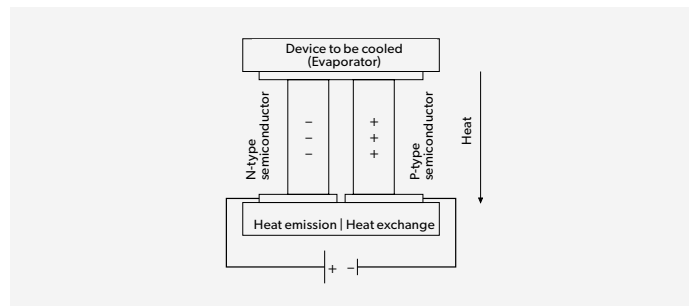
ABSORPTION COOLERS

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

2. 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.

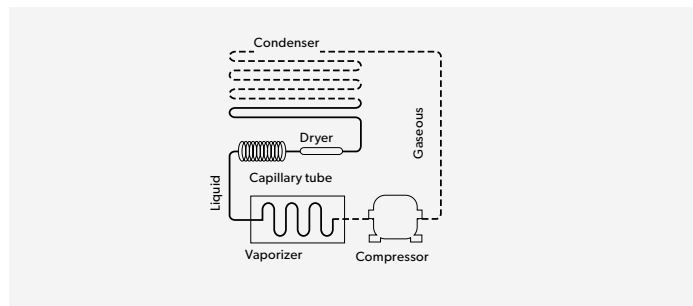


THERMOELECTRIC COOLERS

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

3. 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
- 12 / 24 / 100 – 240 volts
- Low power consumption
- Suitable for solar operation
- Integrated battery protection



OUR TIP!

The Dometic compressor coolers remain 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.



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 or absorption is influenced by the respective ambient temperature. Compressor coolers, by contrast, are independent of the ambient temperature.

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 your cooler, you may be luckier with an absorption appliance. If you want to be on the safe side, however, you are best advised to choose a compressor cooler for reliable cooling performance in hot regions.

TYPE OF COOLER	OUTSIDE TEMPERATURE	INTERIOR TEMPERATURE ACHIEVED
Absorption technology (ACX3 40) Up to 30 °C below ambient temperature	40 °C / 32 °C	10 °C/ 2 °C
Thermoelectric (TropiCool TCX 21) Up to 27 °C below ambient temperature	40 °C / 32 °C	13 °C / 5 °C
Thermoelectric / Compressor technology (CoolFun CK 40D Hybrid)		
Thermoelectric: Up to 20 °C below ambient temperature	40 °C / 32 °C	20 °C / 12 °C
Compressor technology	40 °C / 32 °C	Adjustable temperature: +20 °C to -15 °C
Compressor technology (CFX3 45)	40 °C / 32 °C	Adjustable temperature: +20 °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 versatile absorption cooler, a lightweight thermoelectric unit or a compressor box with cooling power independent of the ambient temperature.



Absorption technology



Thermoelectric technology



Thermoelectric / Compressor technology



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 powerful cooling down 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, snacks and soft drinks nice and cool? Or are you on the road for weeks on end with your mobile home or truck and therefore wish to take more temperature-sensitive food such as meat, sausages and fish as well?

While an inexpensive thermoelectric cooler will do in the first case, the second situation definitely calls for an absorption or compressor appliance. If you want to be on the safe side when travelling in hot regions, we recommend you to opt for a compressor cooler.

COOLING SYSTEM	
Absorption technology	Refrigeration depending on the ambient temperature, ice cubes on the evaporator
Thermoelectric technology	+5 °C depending on the ambient temperature
Compressor technology	Adjustable temperature setting +20 °C to -22 °C (CFX3)



OUR TIP!








Are you looking for a passive cooler – one that will keep things fresh for several hours without an external power supply? Check the Dometic passive cooler range at [dometic.com](https://www.dometic.com).

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 ACX3 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
Absorption technology ACX3 40	Power input: voltage	85 watts: 12 volts	= 7 Ah / h, 168 Ah / day
Thermoelectric technology CoolFun SCT 26	Power input: voltage	47 watts: 12 volts	= 3.92 Ah / h, 94 Ah / day
Compressor technology 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


HOW MUCH “NOISE” IS ACCEPTABLE?

Different noise emission levels

The noise emission of a cooler is not much of an issue while travelling in a car 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 absorption unit. This type of cooler is almost silent. 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
Absorption technology	Absolutely silent 
Thermoelectric technology	Continuous fan noise
Compressor technology	Occasional, quiet running noise of the compressor and fan

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
Absorption technology	33 – 41 litres
Thermoelectric technology	7 – 37 litres
Compressor technology	11 – 99 litres



CREATE SEPARATE TEMPERATURE ZONES SIMULTANEOUSLY IN ONE BOX?

DZ stands for dual-zone, an innovative technology that allows you to store different temperature goods 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. 26) 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 matter of 3 hours and have ample capacity for your fresh provisions!

"Being able to enjoy yummy fresh food makes the whole trip better. I'm getting spoiled with great food on our travels, and I'd say that's thanks to our Dometic CFX3 – and Tarah, of course. Having fresh ingredients accessible anytime we want is a big luxury to us."

David

Tarah and David, based in the heart of the Alps, have a passion for the great outdoors. Together with Byron, their self-converted Sprinter van, they love to explore the world while creating authentic vanlife and outdoor content that inspires others.

Traveling with their van allows them to combine all the things they love: traveling, being close to nature, going with the flow, without having a fixed plan. "It actually makes you slow down and appreciate the



'little things'. Waking up with the sun, enjoying your freshly brewed cup of morning coffee right from bed with a beautiful view. Having your home right there waiting for you when you're returning from the day's outdoor activities. Delicious, fresh made meals and enjoying a cold beer while watching the sun set, crackling campfires and looking at a million stars that suddenly appear above you in the dark," enthuses Tarah.

When asked about the three most essential things for them to take on a trip, Tarah and

David agree: camera to capture the memories, hiking boots to go out exploring, CFX3 to have fresh food. Tarah loves to cook. David says he is spoiled with great food thanks to Tarah's culinary talent and fresh ingredients from their Dometic CFX3 powered cooler. "Being able to enjoy yummy fresh food makes the whole trip better."

Tarah and David are running their own creative agency, Aspire Studio, which focuses on creating outstanding visual content for outdoor & travel brands. They



love collaborating with brands that share their values: to inspire people to go outdoors, travel and explore and have a positive impact on the world around them.

Their advice for someone looking for a similar lifestyle: "Go for it, be passionate, bring your camera, and ALWAYS go the extra mile, because that's what separates you from the rest."



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



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



12/24 V



230 V



COOLING
AND HEATING
MODE



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 SCT 26

Cooling wherever you need it!

The Dometic CoolFun SCT 26 offers cooling convenience whether you're at work or at the beach! Cooling up to 18 °C below ambient temperature. The USB port in the lid is handy for charging mobile devices and the versatile carry handle also act as a support or lock for the lid. Using high-performing thermoelectric cooling technology, this unit is very competitively priced. Enjoy ice cool refreshment and keep food fresh, wherever you are!

- Versatile carrying handle serves to support or lock the lid
- USB port for charging mobile devices
- 25 l capacity has room for 1.5 l bottles
- Cooling up to 18 °C below ambient temperature
- 12/24 V DC



12/24 V



CoolFun SCT 26

Portable thermoelectric cooler, 25 l



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 Dometic TropiCool TCX series. Our popular high-tech coolers feature 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. TopiCool TCX coolers provide cooling up to 27 °C (TCX 07 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 (TCX 07 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 (TCX 07: 12 / 230 V)
- 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



TropiCool TCX 07

Portable thermoelectric cooler, 7 l

TropiCool TCX 14

Portable thermoelectric cooler, 15 l



TropiCool TCX 21

Portable thermoelectric cooler, 21 l



TropiCool TCX 35

Portable thermoelectric cooler, 33 l

DOMETIC CDF2 36

Cooling comfort the easy way

The lightweight compressor technology and slim design of the Dometic CDF2 36 makes cooling of food and beverages easy. The CDF2 36 has been improved in several ways: On the one hand the recessed grip provide more carrying convenience and on the other hand the integrated guide elements for straps or safety belts ensure a safer and easier to handle fixation in a vehicle. The improved lid

with its robust hinge and the more user-friendly latch design now has an even surface and can be used as a table. Performance is another plus factor: reliable cooling from +10 °C to -15 °C, regardless of the outside temperature and with minimal power consumption.



12/24 V



SUITABLE
FOR SOLAR



- Total volume of 31 l fits 49 cans or five 1.5 l bottles
- Compact design
- Refrigeration from +10 °C to -15 °C
- Digital display and LED interior light
- Integrated handles for more ergonomic carrying
- Integrated guide elements for easy fixation in a vehicle with straps or safety belts
- Refrigeration from +10 °C to -15 °C



Easy opening latch

Quick access to the interior



Keep it organized

12 or 24 V DC connections in a practical arrangement

CoolFreeze CDF2 36

Portable compressor cooler, 31 l

DOMETIC CFF

A versatile companion for life's great adventures

Things are changing when you are out for an adventure – be prepared with a robust and versatile companion from Dometic's CFF family. Rely on impressive cooling capabilities and face changing demands with an efficient interior storage and a flexible lid that can be opened either side, while storing food and beverages for short stays or long trip dinners.

- Double-sided opening lid for CFF 35 and CFF 45
- User-friendly lid hinge design
- Fits standard 1.5 l bottles upright
- Energy efficient design provides fast and excellent cooling, even in extremely high outside temperatures
- Can be set between +20 °C and -18 °C
- Robust construction
- Convenient carry handles
- Dimmable digital temperature display



CFF 20

Portable compressor cooler, 21 l



Double-sided opening lid

Easy access from either side



Spacious and flexible storage

Full-sized basket and removable divider



Dual power

AC and DC ports to power the unit



12/24 V



100 - 240 V



SUITABLE
FOR SOLAR



CFF 35

Portable compressor cooler, 34 l



CFF 45

Portable compressor cooler, 44 l



CFF 70DZ

Portable compressor cooler, 70 l



Dimmable led screen

Displays cooling temperature in any ambient light



Strong handles

Glass filled nylon and steel handle for reliable use



LED light

Energy efficient LED interior light

DOMETIC CFX3

Years of innovation for cooling perfection

Take control of outdoor adventures like never before with the Dometic CFX3. Enjoy reliably healthy food and cold drinks thanks to Dometic's market leading VMISO3 variable-speed compressor cooling technology. Its optimized software ensures superior cooling 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 VMISO3 compressor cooling technology
- 3-stage dynamic battery protection system prevents a dead car battery or allows a deep draw on dual batteries
- Generous storage capacity of 25 – 99 l
- Built-in TFT user interface displays operating status
- Excellent insulation
- IP44 rated, colour display IP64 rated



12/24 V



100 – 240 V



SUITABLE
FOR SOLAR



CONTROLLED
VIA WIFI OR
BLUETOOTH



User-friendly Interface

The stylish TFT LCD user interface displays operating status



Rugged construction

Fender frames protect the unit from damage



Optimized VMISO3 controlled Compressor

Efficient variable-speed cooling



CFX3 25

Portable compressor cooler, 25 l



CFX3 45

Portable compressor cooler, 46 l



CFX3 100

Portable compressor cooler, 99 l



Flexible power options

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



Discover our range of accessories

We also offer a range of accessories to get the most out of your cooler, including a durable insulated protective cover and fridge slide.

See p. 36 – 37

DOMETIC CFX3 55IM

Produces ice in a matter of hours

In a first for single-zone portable cooler, the CFX3 55IM produces ice even when the unit is set to a higher temperature, 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 dedicated ice maker, which can produce ice even if you've set the cabinet of the CFX3 at a higher temperature, and enjoy ice in a matter of hours.



12/24 V



100 – 240 V



SUITABLE
FOR SOLAR



CONTROLLED
VIA WIFI OR
BLUETOOTH



CFX3 App

Temperature control via CFX3 App



Removable ice trays

Produce ice in a matter of hours



CFX3 55IM

Portable compressor cooler, 53 l

DOMETIC CFX3 DZ

Separate temperature zones

Dometic CFX3 DZ series coolers satisfy all your needs with their dual-zone system. The two temperature zones have separate controls, so they can be precisely set as required. Each compartment can be individually controlled from +20 °C to -22 °C. 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



CFX3 75DZ

Mobile compressor dual-zone cooler, 75 l



CFX3 95DZ

Mobile compressor dual-zone cooler, 94 l



DOMETIC COMBICOOL ACX3

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 ACX3 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 ACX3 40G is even more versatile and works on a standard gas cartridge. All three ACX3 models provide cooling up to 30 °C below the ambient temperature. Another common feature of the ACX3 family is the elegant aluminium housing with the distinctive lid.



Ice cube box included

Create your own ice cubes with the included ice cube box



Inner volume

Provides space for 1.5 l bottles



Operated with gas

Connect your cooler to 12 V DC, 230 V AC or gas

Key Benefits

- Powered by gas, 12 V DC and 230 V AC – guaranteed energy supply, maximizes freedom!
- Absolutely silent operation means no disturbance
- Sturdy housing and attractive design
- Ice cube tray included
- Cooling up to 30 °C below ambient temperature
- Elegant aluminum housing
- Three-stage flame regulation in gas mode



12 V



230 V



GAS



SILENT

CombiCool ACX3 30

Portable absorption cooler, 33 l

CombiCool ACX3 40G

Portable absorption cooler
(gas cartridge use), 41 l

CombiCool ACX3 40

Portable absorption cooler, 41 l



Elegant design

High quality surface with an eye-catching design



Sturdy housing

Robust construction with useful details



Energy wherever you go

ACX3 40G can be operated with gas cartridges

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 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 40 l capacity, elegant silver / black finish, integrated handles for perfect portability.



230 V



12 V



Accessories

Cool box stand for
CoolFreeze boxes

Ref. No.
9600000689



CoolFun CK 40D HYBRID

Portable hybrid cooler, 40 l

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



reddot design award
winner 2019

PLB40

Portable lithium battery, 40 Ah

Dometic PLB40 Maintain power after it's gone






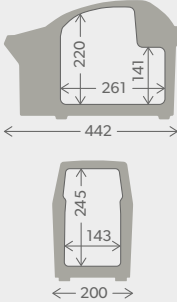
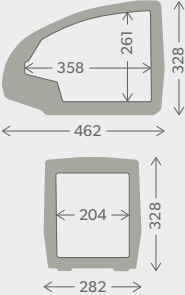
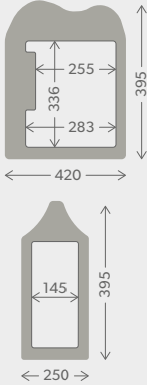
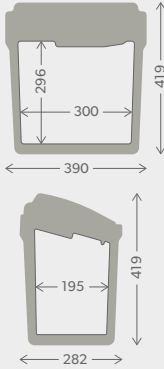
The Dometic PLB40 Ah Lithium Iron Phosphate battery delivers high levels of mobile power – up to 40 hours of Dometic CFX3 45 cooling on a single charge (When fridge temperature is 5 °C). Designed to supply power to powered coolboxes and other 12 V appliances while being off-grid. Thanks to its lightweight and compact design you can enjoy true independence and travel off-grid for longer.









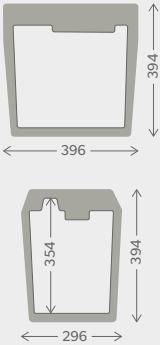
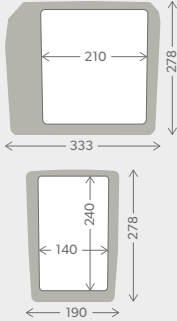
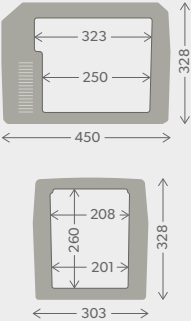
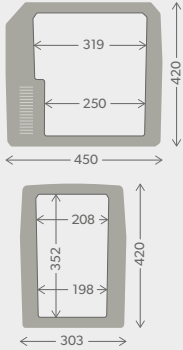
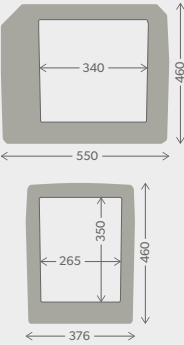
- Enables you to travel off-grid for longer
- Three-way charging via 12 V socket, solar panel or AC house power
- Extremely lightweight, ergonomically designed stainless steel carry-handle
- Specifically designed for Dometic CFX3 and other powered coolers
- IP rating IP44

FOOD & BEVERAGE
PORTABLE COOLERS

4.08 / Dometic BordBar




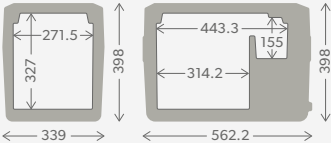
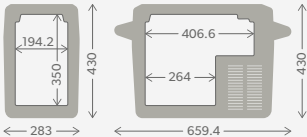
4.08 / Dometic BordBar

TECHNICAL DATA				
	TB 08	TB 15	TF 14	AS 25
THERMOELECTRIC COOLERS				
Ref. No.	9600000488	9600000489	9600000499	9600000459
Total volume (l, approx.)	8	15	14	20
Connections	12 V DC	12 V DC	12 V DC	12 V DC / 230 V AC
Consumption at 12 volts DC (watts) at 24 volts DC (watts) at 230 volts AC (watts)	32 - -	40 - -	36 - -	36 - 40
Energy Class (A – G)	-	-	-	
Temperature range (°C, approx.) Cooling below ambient temperature Heating	max. 20 +65	max. 20 +65	max. 25 -	max. 18 -
Weight (kg, approx.)	3.2	5.2	4.6	4.3
Test marks	TÜV/GS, E-certified (Automotive EMC Directive)			
Universal Fixing Ki	-	-	-	-
				







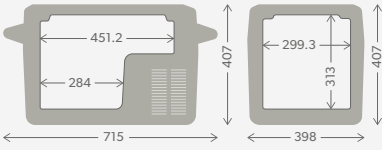
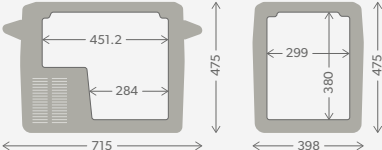
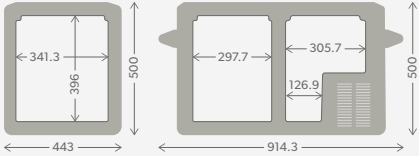
				
SCT 26	TCX 07	TCX 14	TCX 21	TCX 35
9600000485	9600025390	9600013319	9600013320	9600013321
25	7	15	21	33
12 / 24 V DC	12 V DC / 230 V AC	12 / 24 V DC / 230 V AC		
47 - 55	47 - 55	46 50 64	46 50 64	46 50 64
-	-			
max. 18	max. 25	max. 27	max. 27	max. 27
	+65	+50 to +65	+50 to +65	+50 to +65
3.7	2.8	5.0	6.0	10.0
TÜV/GS, E-certified (Automotive EMC Directive)				
-	9105303709	9105303709	9105303709	9105303709
				

4.35 / Dometic CoolFreeze CDF

3.30 / Dometic CFF

TECHNICAL DATA		
		
COMPRESSOR COOLERS	CDF2 36	CFF 20
Ref. No.	9600028780	9600028325
Ref. No. UK	9600028780	9600028326
Total Volume (l, approx.)	31	21
Connections	12 / 24 V DC	12 / 24 V DC / 100 – 240 V AC
Temperature range (°C)	+10 to –15	+20 to –18
Power input (watts, approx.)	40	48
Refrigerant	R134a	R134a
Refrigerant quantity	38 g	28 g
CO ₂ equivalent	0.054 t	0.040 t
Global warming potential (GWP)	1430	1430
Energy Class (A – G)	–	
Weight (kg, approx.)	10.5	10.5
Test marks	TÜV/GS, E-certified (Automotive EMC Directive)	
		
		

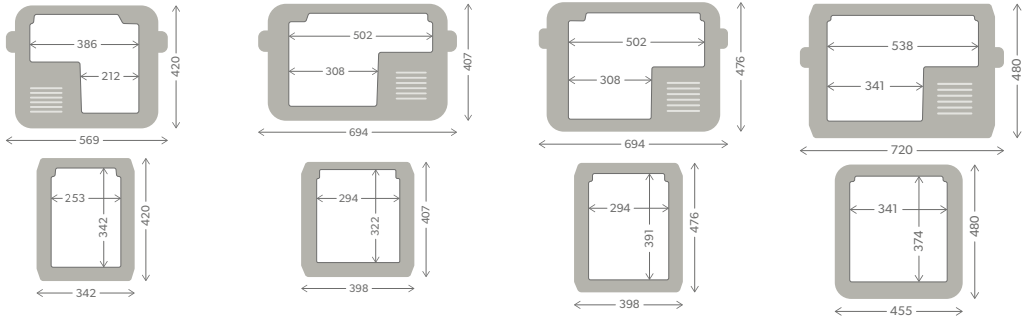
3.30 / Dometic CFF

		
CFF 35	CFF 45	CFF 70DZ
9600024842	9600012977	9600028329
9600026458	9600026459	9600028330
34	44	70 (30/40)
12 / 24 V DC / 100–240 V AC		
+20 to –18		
53	53	53
R134a 40 g 0.057 t 1430	R134a 50 g 0.072 t 1430	R134a 34 g 0.049 t 1430
		
17.2	18.6	26
TÜV/GS, E-certified (Automotive EMC Directive)		
		

FOOD & BEVERAGE
PORTABLE COOLERS

4.30 / Dometic CFX3

TECHNICAL DATA				
	CFX3 25	CFX3 35	CFX3 45	CFX3 55
Ref. No.	9600028369	9600025324	9600025326	9600025328
Ref. No. UK	9600028463	9600025325	9600025327	9600025329
Total Volume (l, approx.) incl. for fresh food (l)	25	36	46	55
Connections	12 / 24 V DC / 100–240 V AC			
Temperature range (°C)	+20 to –22			
Power input (watts, approx.)	46	50	52	50
Refrigerant Refrigerant quantity CO ₂ equivalent Global warming potential (GWP)	R 134a 32 g 0.046 t 1430	R 134a 38 g 0.054 t 1430	R 134a 42 g 0.060 t 1430	R 134a 45 g 0.064 t 1430
Energy Class (A – G)				
Weight (kg, approx.)	12.7	16.9	18.7	20.4
Protection class	IP44, colour display IP64			
Test marks	TÜV/GS, E-certified (Automotive EMC Directive)			
Fridge slide	–	9600028548	9600028548	9600028549
Protective Cover	9600028749	9600028455	9600028456	9600028457
Quick Fixing Plate	9600000166	9600029599	9600029599	–





CFX3 55IM
incl. removable icetrays



CFX3 75DZ



CFX3 95DZ



CFX3 100

9600025330

9600025331

53

9600025332

9600025333

75 (45/30)

9600025334

9600025335

94 (55/39)

9600025336

9600025337

99

12 / 24 V DC / 100–240 V AC

+20 to –22

52

R 134a
45 g
0.064 t
1430



21.3

59

R 134a
59 g
0.084 t
1430



27.8

61

R 134a
67 g
0.096 t
1430



29.8

73

R 134a
60 g
0.086 t
1430



29.6

IP44, colour display IP64

TÜV/GS, E-certified (Automotive EMC Directive)

9600028549

9600028457

–

9600028550

9600028458

–

9600028551

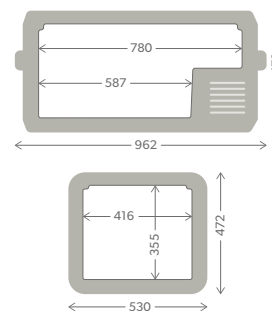
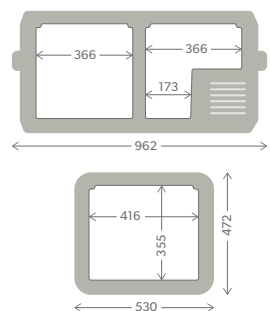
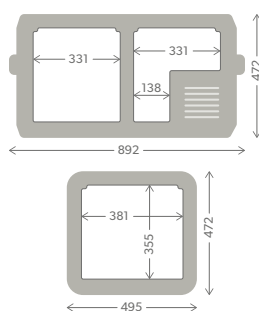
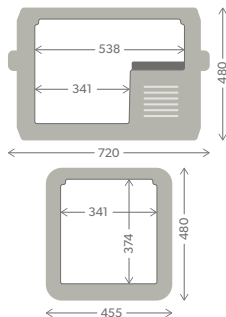
9600028459

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9600028551

9600028460





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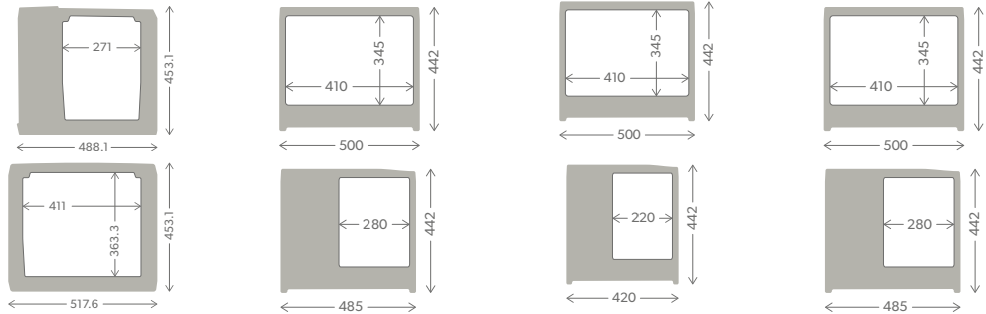
FOOD & BEVERAGE
PORTABLE COOLERS




4.21 / Dometic CoolFun CK

4.37 / Dometic CombiCool ACX3

TECHNICAL DATA				
	CK 40D HYBRID	ACX3 40G	ACX3 30	ACX3 40
Ref. No.	9600000774 (EU) 9600026455 (UK)	9600028414 (EU) 9600028412 (UK)	9600028403 (D 50 mbar) 9600028404 (DK, FI, N, S) 9600028405 (UK) 9600028406 (F, I, E, NL) 9600028413 (D 30 mbar)**	9600028407 (D 50 mbar) 9600028408 (DK, FI, N, S) 9600028409 (UK) 9600028410 (F, I, E, NL) 9600028411 (D 30 mbar)** 9600028412 (UK) 9600028414 (EU)
Total Volume (l, approx.)	40	41	33	41
Connections	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
Consumption at 12 volts DC (watts) at 230 volts AC (watts) Gas (g/24h)	3.9 at +20 °C ambient temperature, at +5 °C interior temperature	85 85 30 mbar: 12.6	75 75 50 mbar: 12.6 30 mbar: 12,6	85 85 50 mbar: 12.6 30 mbar: 12,6
Temperature range Cooling below ambient temperature (°C, approx.)	DC: to 20* AC: +10 to -15	max. 30	max. 30	max. 30
Refrigerant Refrigerant quantity	R600a 15	-	-	-
System	Thermoelectrics + 230-V compressor, electronic thermostat in compressor mode	Absorption cooling	Absorption cooling	Absorption cooling
Weight (kg, approx.)	22	16	14	15
Test marks	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			
	PLB40 Lithium Iron Phosphate battery	EPS817 Mains adapter for connecting thermoelectric 12-volt cooling appliances	EPS100 Mains adapter for connection of 24-volt compressor cooling appliances to the 230-volt mains systems
Ref. No.	9600012878	9600000439	9600000440
Battery capacity (Ah)	40 / 512 Wh	–	–
Chemistry	LiFePO4	–	–
Input voltage	–	230 V AC / 50 Hz	230 V AC
Output voltage	–	13 V DC	25 V DC
Battery voltage	12.8 V DC	60 mA	12/24 V DC
Continuous load	–	6 A	–
DC output amps	15	–	–
Continuous output (W)	150 (per 12 V connection)	–	–
Dimensions (W x H x D,mm)	197 x 257 x 197	115 x 64 x 170	115 x 65 x 182
Weight (kg)	7.54	0.6	0.7

THE FULL RANGE

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