

BUYING GUIDE

# BUYING GUIDE REFRIGERATORS

FIND THE RIGHT REFRIGERATOR FOR YOUR RECREATIONAL VEHICLE

➤ DOMETIC

# SPOILT FOR CHOICE? HELP IS AT HAND...

This buying guide helps you find the best cooling appliance for your individual requirements.  
For the complete range check our website

[dometic.com](http://dometic.com)

Campers and caravanners all over the world share the love for freedom and independence. Which is why most of them travel with ample stocks of food and drinks – well chilled of course for the best enjoyment. But what is the best way to keep travel provisions fresh and tasty? Dometic offers the widest choice of refrigerators for mobile use: silent absorption fridges and powerful compressor appliances with deep-freeze compartment, free-standing or nicely integrated in the kitchenette, many decors and designs, sizes and price categories, simple solutions and premium models as well equipped as your fridge at home.





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# THINGS TO CONSIDER BEFORE YOU BUY

There is no such thing as an all-in-one fridge suitable for every situation. Every cooling technology, as everything in life, has its benefits and restrictions. There are several factors to be taken into account. Your buying decision will not only depend on the type and size of your vehicle, but also on your favourite travel destinations and the number of mouths to feed.

Before you buy, it can be worthwhile to take a closer look at how refrigeration works and which technologies are available.



**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**



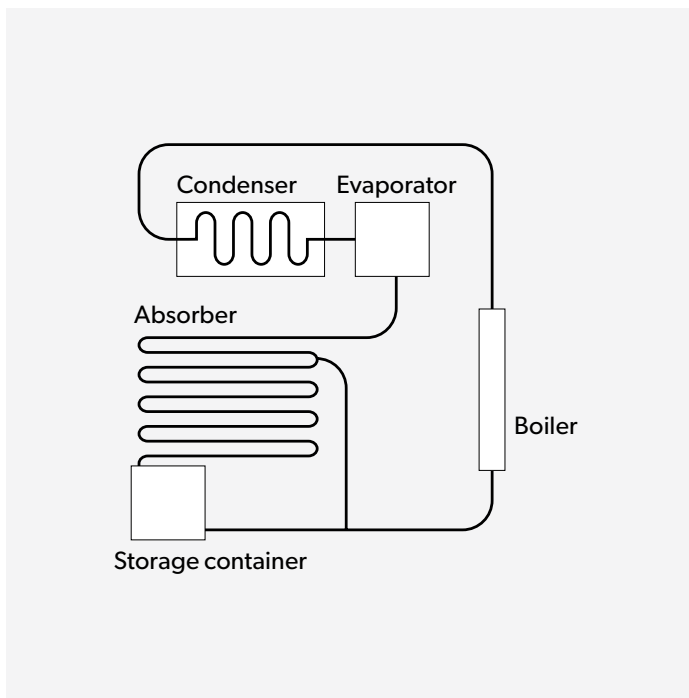
## How refrigeration works

Most refrigerators are based on the physical principle that a substance when changing from liquid to gaseous state (evaporation) extracts heat from its surroundings (in our case the refrigerator cabinet). The same phenomenon is responsible for cooling our body when we sweat: the sweat evaporates on our skin and takes the heat away.

Depending on the cooling technology, the transition from liquid to gas is initiated in different ways. Absorption refrigerators are using a heat source (gas or electricity) to generate cold. Compressor refrigerators are using a pump driven by an electric motor to move a refrigerant through the cooling circuit.

## Cooling with heat

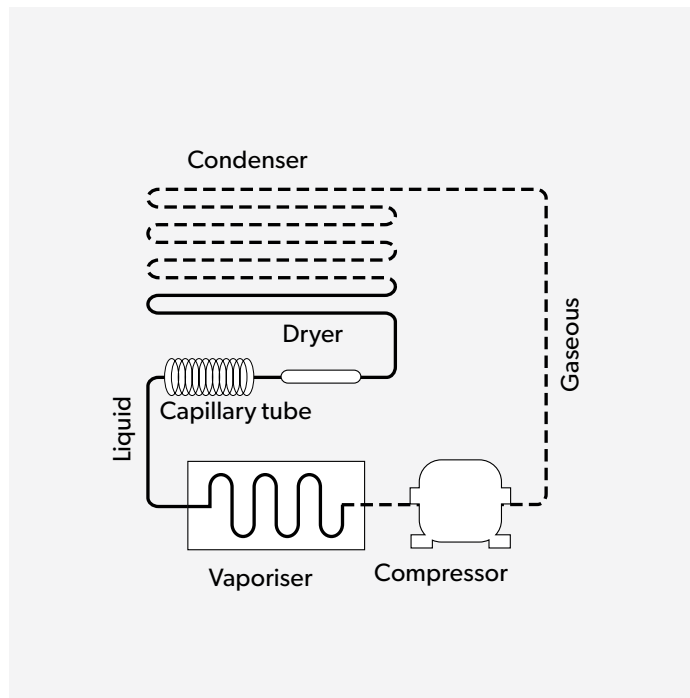
### How absorption refrigeration works



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 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.

## Cooling with an electric pump

### How compressor cooling works



Compressor units operate using a refrigerant that changes from liquid to gaseous state in the vaporiser. The evaporation extracts heat from the refrigerator cabinet – 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 vaporiser, where the cycle repeats.

# ABSORPTION OR COMPRESSOR FRIDGE

## Which cooling technology works best for you?

Let's take a closer look at the individual systems, their features, benefits and restrictions.  
This will then automatically point you to "your" cooling technology and to "your" refrigerator.

## ABSORPTION REFRIGERATORS

### Noiseless cooling with three energy sources

Absorption refrigerators are completely silent, so they can even be placed near a bed without disturbing anyone's sleep or rest. Moreover, they give you maximum independence in terms of energy supply. They run on mains or battery power, and – practical for camping friends – on LPG (liquefied petroleum gas) as well. Dometic's AES models with Automatic Energy Selection can also be operated on a solar panel.

Other plus factors are the reliability and the long service life, with virtually no maintenance required (except for the burner). And, not forgetting, the well organised interior – with plenty of convenience features that can well compare with those of your fridge at home.

### + PROS

- Noiseless cooling – can be placed near a bed
- Cooling with 3 energy sources: gas, 12/24 V DC battery power, 230 V DC mains power\*
- Wear-resistant and maintenance-free
- High reliability and long service life

### + CONS

- Higher energy consumption than compressor fridges
- Not suitable for use in extreme ambient temperatures above +32 °C (deserts, tropics\*\*) – **except for the 10-series, see page 16**
- Gas operation not allowed on ferries or boats
- Do not work efficiently on a tilt > 5 – 6°



12 V



230 V



LPG



SILENT

\* AES refrigerators are also suitable for solar operation

\*\* Tip: The performance of absorption refrigerators can be enhanced by using a ventilator.

# COMPRESSOR REFRIGERATORS

## Amazing power – first choice for sun worshippers

Compressor refrigerators keep cool in every situation – even in tropical temperatures above +40 °C and in inclined positions (e.g. on sloped roads). They operate regardless of the outside temperature and provide the most powerful cooling performance for all mobile applications while consuming very little energy. Dometic compressor refrigerators run on all DC grids (12 or 24 V DC) and – with the matching adapter (s. p. 43) – on AC mains power as well. Moreover, they are suitable for deep-freezing up to –18 °C, so BBQ meat, ice cream and fish will always stay in prime condition. Sun worshippers will also appreciate the fact that compressor refrigerators are tailor-made for solar operation.

### + PROS

- Excellent cooling performance even at extreme ambient temperatures
- Refrigeration and deep-freezing up to –18 °C
- Operation on 12 / 24 V DC
- Minimal power consumption
- Impeccable operation in tilted position (slopes, etc.)
- Self sufficient operation with a solar panel

### + CONS

- Impaired self sufficient energy – gas operation impossible
- Quiet but not silent (compressor hum)



12/24 V



### TIP

#### Fit for the tropics

Do you like travelling in desert or tropical regions? Dometic compressor refrigerators guarantee reliable deep-freezing even at ambient temperatures above +40 °C.

# WHAT ARE YOU LOOKING FOR?

A free-standing refrigerator for your awning tent or one that will nicely integrate into your kitchenette? A space-saving solution for your campervan? Or an extra-large fridge with a spacious freezer compartment to keep family and friends happy throughout the journey?



## Free-standing fridges

- Can be placed wherever you want – awning, tent, even next to a bed
- Noiseless absorption cooling
- Three energy sources for maximum flexibility and independence

See page 25



## Built-in fridges

- Wide choice of absorption and compressor refrigerators for motorhomes and caravans
- Powerful compressor refrigerators
- Space-saving top-loaders for confined spaces

See page 15 – 24



## Pull-out fridges

- Convenient slide-out access to your provisions
- Two models with removable freezer compartment
- Compact drawer fridges turning unused storage space into a cooling compartment

See page 28



## Top loader fridges

- Space saving, compact design is ideal for small spaces
- Suitable for solar power
- Superb cooling performance

See page 29





## REFRIGERATOR OR COOLBOX?

Refrigerators give you homelike convenience: everything is well organised for easy access. The drawback is that the cold air “falls out” every time the door is opened, because it is heavier than the ambient air. In case of frequent door openings (e.g. when travelling with children) your refrigerator will consume a lot of energy to maintain the preset temperature.

Coolboxes, by contrast, are opened from the top, like a chest freezer. That means that the cold stays inside when you open the lid.

**Our tip:** Combine the best of both worlds – a fridge for convenient access and a box for beverage bottles or other goodies you want to have within easy reach during the journey.



Looking for the right cooling box?  
Get the Dometic buying guide for cooling boxes.

**"WHEN TRAVELING IT'S VERY IMPORTANT TO US TO HAVE FRESH AND DELICIOUS FOOD. THE DOMETIC FRIDGE HELPS US TO STORE EVERYTHING WE NEED FOR OUR TRAVELS, LOOKS GREAT AND WE LOVE THAT WE CAN OPEN IT FROM BOTH SIDES, FROM THE INSIDE OF THE VAN AND FROM THE DRIVERS SEAT TO GRAB A QUICK COLD DRINK!"**

**Sebastian Canaves**



Sebastian Canaves and Line Dubois are always on-the-go and off-the-path, traveling the world and sharing their experiences. In their Mercedes Sprinter 4x4 Camper the two travelling mates have various Dometic products on board – including a smart 70-litre compressor fridge that can be opened left or right.

With over 100 countries under his belt, Sebastian is truly on a mission to explore the world. Some eight years ago Line joined him on his travels. The two of them spend their days adventuring in their

campervan and running Germany's largest online outdoor travel and adventure website, [off-the-path.com](http://off-the-path.com).

Sebastian and Line love cooking. So naturally they wanted a quality hob for their camper – one that would last for a long time. Finally, they picked a 3-burner hob from Dometic. Their travel provisions are stored in a Dometic RC 10.4T 70 compressor fridge. The roomy 70-litre appliance snugly fits under the 90 cm high counter of their kitchenette. Their former fridge, a CFX3 35 powered cooler, now serves as a chest

freezer. It stores the raw food for Golden Retriever dog Finley.

To those considering car camping for themselves Sebastian says: "Do it! You'll get to know yourself and the world better and end up seeing beautiful places you didn't have on your mind!" The overlanding lifestyle is a constant education. Sebastian and Line have learned that things rarely go as planned on a trip and that part of the adventure is being prepared for everything with the right gear and the right attitude.





Despite their extensive travels, Sebastian and Line don't see an end to their adventures. They plan to keep going, inspire others, and expect the unexpected every day.



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





LPG



12 V



230 V



## FREQUENTLY ASKED QUESTIONS ABOUT ENERGY SUPPLY

### Which energy source will my AES system select when I do not interfere?

The Automatic Energy Selector system will prefer mains power whenever available. The next priority is gas. The reason behind is to protect the gas resources on board for the longest possible energy autarky. 12-volt operation will only be selected during the journey when the engine is running and the battery can be recharged via the alternator. All AES models give you the option to select the energy source manually. You can also use sun energy for cooling if you want.

### What do I have to do when the gas flame goes out?

All MES and AES refrigerator models feature an electronic re-igniter – so the flame will be ignited again automatically. No need for action – unless, of course, your gas bottle is empty! You can easily check the fill level with the Dometic gas checker.



### **How long will my LPG bottle last when my fridge is cooling with gas?**

A medium-sized absorption refrigerator will on average consume about 250 grams of gas per 24 hours (a larger one would require, say, 380 g). A 100-litre model with a 10-litre freezer makes do with about 3 kg of gas for a whole holiday week. If you set off with two full 11 kg gas bottles, you'll have enough gas for cooking and cooling for the complete journey.

### **Can I run my refrigerator on solar energy?**

Yes, you can. All compressor refrigerators from Dometic are suitable for use with a solar panel. The eco-friendly option is also available on all Dometic absorption fridges with automatic energy selection (AES).

### **What can I do if gas operation is not allowed – e.g. on a ferryboat?**

Operating your absorption refrigerator with 12-volt battery power is only possible on very short passages. Otherwise you risk that the battery guard cuts off the energy supply and your ice cream melts away.

#### **Here are four alternatives:**

1. Buy perishable food at your holiday destination.
2. Ask the ferry operator if there is a mains hook-up and make a reservation.
3. Opt for a compressor refrigerator.
4. Store perishable food in a compressor box.

### **Can I use my compressor refrigerator on the power socket at home?**

Most Dometic compressor refrigerators are supplied with a 12/24-volt connection. That means they can be operated on both DC circuits, but not on an AC system. For connection to a power socket you will require a mains adapter (s. p. 43).

#### **The following Dometic adapters are available:**

- EPS 100 for connection to 230 V AC
- MPS 50 / MPS 80 for connection to 110 – 240 V AC



## Camping in the cold season

# WHAT ARE THE BENEFITS OF A WINTER COVER?

A winter cover protects the cooling unit of your refrigerator in cold weather to maintain its cooling performance. It also prevents frosty air from flowing into the vehicle.

Dometic offers tailor-made winter covers for both single and double door absorption fridges. They have the same size as our ventilation grills. Simply attach them at the start of the winter camping season.



## ENERGY-SAVING TIPS

### How to get the best performance out of your fridge

- Pre-cool your provisions on the domestic mains or in the household refrigerator
- Prevent frequent door openings
- Ensure proper ventilation (e.g. by installing a fan on the rear of your absorption fridge.)



# BUILT-IN REFRIGERATORS

Are you in the market for a built-in refrigerator – one that nicely integrates into the kitchenette of your motorhome or campervan? Choose from the most comprehensive range currently available that includes countless models, sizes and configurations.

The following pages give you an overview of the available model series and their outstanding features. If you are planning to replace an existing fridge with a new one that looks cooler, is better equipped and consumes less energy, check the “swap table” on page 27.



## For caravans and motorhomes

Silent absorption cooling with three energy sources or powerful, highly efficient compressor technology – the choice is yours.

- **Dometic 10-series:** left/right refrigerators with absorption or compressor technology
- **Dometic NRX 90V:** 3-in-1 compressor refrigerator for cooling, deep-freezing or both (an easy swap for Dometic 5- or 8-series absorption refrigerators)
- **Dometic CoolMatic CRX series:** 3-in-1 compressor refrigerators for cooling, deep-freezing or both



## For campervans

Looking for a fully-fledged refrigerator for the kitchenette of your campervan? Here you are:

- **Dometic RC 10.4M90:** left/right compressor refrigerator – specially designed for campervans and as well equipped as its larger 10-series counterparts!
- **Dometic RMS 10.5T:** left/right absorption refrigerator – compact under-counter model
- **Dometic NRX series :** 3-in-1 refrigerators for cooling, deep-freezing or both – new series with frameless door

## Dometic 10-series

# COMPLETE FAMILY OF LEFT/RIGHT REFRIGERATORS

The doors open both left and right. That alone places our new family of 10-series refrigerators in a class of their own. Unique double-hinged doors and a versatile interior let you maximize the space you have with less compromise. Elegant, energy-efficient and so easy to use – it's a cool upgrade on your mobile kitchen.

### Complete product family

Our 10-series absorption refrigerators were granted coveted industry awards already prior to the official market launch. This inspired us to create a whole new family of left/right refrigerators: from tall built-in models to compact under-counter fridges, with noiseless absorption cooling (p. 18) or energy-efficient compressor technology (p. 19)!

### Dometic RML 10.4T

Slim-line absorption refrigerator, 133 l



### Dometic RM 10.5T / RMD 10.5XT

Absorption refrigerator,  
93 l or 177 l





### VG-fresh crisper

With adjustable partitions, adjustable humidity and a lid that serves as an extra storage shelf



### Versatile interior

Smart storage solutions for everything – even for wine bottles



### LED / TFT control panel

Intuitive control of cooling temperature, energy source and comfort features.



### LED light bar

For uniform, energy-saving illumination of the refrigerator compartment



### Full-height aluminium door handles

Fitted on either side for convenient opening to the left or right as required

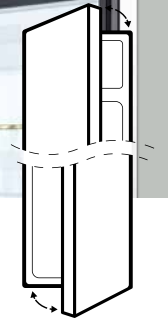


### Practical accessories

Stackable containers, ice cube tray, egg shelf



### Unique patented solution Double-hinged door



10-series refrigerators give you a unique benefit: the double-hinged door. Thanks to this patented solution, they can be opened to the left or right as required, without the need to change the hinge. Simply use one of the two convenient aluminium handles, which extend over the full height of the fridge. A two-point locking system keeps the door firmly in place in all situations.

## 10-series absorption refrigerators

# COOL USE OF SPACE

The popular RMD 10.5 series was the inspiration for our new range of left/right absorption refrigerators, which now also includes a tall and slim single-door model and three under-counter fridges. Here is the complete family: RMD 10.5T with double door, RMD 10.5XT with

double door and extra-deep cabinet, RML 10.4T with single door, RM 10.5T, RMS 10.5XT and RMS 10.5T for installation under the counter. **Simply choose the matching model for your motorhome, caravan or campervan!**



### Dometic RMD 10.5T

Absorption refrigerator, 177 l,  
TFT display, extra-deep cabinet



Wheel arch  
model available

### Dometic RMS 10.5XT / RMS 10.5T

Absorption refrigerator, 93 l or 83 l,  
TFT display, RMS 10.5XT with extra-deep cabinet



## ABSORPTION ADVANTAGE

### Noiseless cooling with three energy sources

Absorption refrigerators run in silence, making them perfect for combined sleeping and cooking spaces. Plus, you can power them with mains, battery, and even LPG camping gas for flexible, reliable, virtually maintenance-free operation.

**Read more on page 6.**

## 10-series compressor refrigerators

# COOL EFFICIENCY

Our award-winning left/right absorption refrigerators have changed the way food and drinks are kept fresh in motorhomes and caravans. Now the success story continues with a complete series of compressor-powered fridges featuring the same design: RCD 10.5ET

and RCL 10.4ET models for large vehicles, RC 10.4 for campervans, and RCS 10.5 for installation under the counter. **Simply choose the matching model for your motorhome, caravan or campervan!**



### **Dometic RCD 10.5XET**

Compressor refrigerator, 177 l,  
TFT display, extra-deep cabinet



### **Dometic RC 10.4T 70**

Compressor refrigerator, 70 l,  
TFT display, double-hinged door



## **COMPRESSOR POWER**

### **Cooling and deep-freezing**

Compressor refrigerators offer outstanding energy efficiency and cooling performance even when ambient temperatures head for the extremes. They provide reliable cooling and deep-freezing, even when operating on an angle. Suitable power sources: 12 V DC grid or solar panel.

**Read more on page 7.**

New

## Dometic RC 10.4M90

# COOL VARIETY

This versatile 90-litre campervan refrigerator fits neatly under the countertop. Where space is limited, the control panel and/or the compressor can be detached and installed elsewhere in the vehicle. Exclusive Dometic 10-series features make the Dometic RC 10.4M90 fit for all adventures: a double-hinged door that opens left and right, a removable freezer compartment and a powerful cooling unit you

can rely on even when travelling in hot climates. You will also love the intuitive TFT control – easily adjust the cooling temperature, switch to whisper-quiet night mode, or activate the boost function for super-fast cooling.



### Detachable compressor

Can be installed up to 1.5 m away from the refrigerator to save space



### Double-hinged door

Opens left or right as required in the situation at hand



12 V

### Dometic RC 10.4M90

Compressor refrigerator, 90 l, TFT display, double-hinged door



New

**Dometic NRX 90V**

# COOL COMPANION

Fresh design, superior energy efficiency: this new compressor refrigerator provides 90 l of cool storage. Well-thought-out dimensions make it an easy swap for Dometic 5- or 8-series absorption refrigerators. The elegant frameless door opens to a versatile interior. You can easily remove the freezer compartment to use the full cabinet capacity for refrigeration or deep-freezing.

- 3-in-1 solution: fridge, freezer or both at the same time
- Energy-efficient compressor technology – 0.4 kWh/24h compared to 2.5 kWh/24 h with same size absorption refrigerators
- Easy installation without cut-outs, ventilation grills and gas installations
- Frameless door with black front panel and full-width handle
- Reversible door hinge – can be fitted left or right as required
- Dual function locks can also act as vents for your fridge



**The freezer compartment  
can easily be removed  
to make room for more  
fridge storage**

**Dometic NRX 90V**

Compressor refrigerator,  
90 l, black front



12 V

New

Dometic NRX

# FRIDGE, FREEZER OR BOTH COMBINED

**Stainless steel ...**



## **Dometic NRX S**

Compressor refrigerator, stainless steel front  
44 to 126 l



## **Dometic NRX C**

Compressor refrigerator, dark silver front  
44 to 126 l

Are you looking for a stylish and energy-efficient cooling solution that easily adapts to your needs? Here you are! The Dometic NRX can be used as a fridge, freezer or both at the same time.

Its powerful high-end compressor gives you a choice of three operating modes to be set on the illuminated touch control panel neatly integrated inside the cabinet: Eco for maximum energy efficiency, Boost for a quick cool-down, Silent for a peaceful night's sleep. The elegant frameless door, integrating a stainless steel or dark silver front panel and a convenient full-width handle, opens to a well equipped interior: removable freezer compartment, two shelves, two crispers, plus a bottle holder and an upper shelf in the inner door.

**... or dark silver front panel**



12/24 V

- 3-in-1 cooling solution: fridge, freezer or both at the same time
- Energy-efficient high-end compressor with 3 operating modes (Eco/Boost/Silent)
- Frameless door with stainless steel or dark silver front panel and full-width handle
- Beveled rear side for maximal utilization of space on board
- Reversible door hinge – can be fitted left or right as required
- Dual function locks can also act as vents for your fridge
- Standard or flush-mount installation frame available as accessory



**The freezer compartment can easily be removed to make room for more fridge storage**



### Touch control panel

Flush-mounted inside the cabinet, with nicely integrated LED light bar



### Two crispers

For storing fruits and vegetables at the optimal temperature



### Full-width door handle

Neatly integrated for easy access to from every angle

## Dometic CRX / CRX S

# COOL IN EVERY WAY

The compressor refrigerators in the Dometic CRX series are cool in every way. With an ample capacity of 104 or 130 litres (including a 9- or 11-litre freezer compartment), they offer superb cooling performance even in hot ambient temperatures and can be powered from a solar panel. Both refrigerators are available in two model versions – CRX S with a genuine stainless steel door panel,

CRX with a stainless look front. All CRX / CRX S models come with a patented dual locking and vent system and a cool blue interior light. Tailor-made installation frames are available as optional accessories. Our tip: Use the flush-mount installation frame to get a beautiful, flush finish.

### Stainless steel ...



12/24 V

### ... or stainless look front panel

#### Dometic CoolMatic CRX S

Compressor refrigerator, 12 / 24 V DC,  
stainless steel panel 104 to 130 l

#### Dometic CoolMatic CRX

Compressor refrigerator, 12 / 24 V DC,  
stainless steel look front panel 104 to 130 l



## Dometic CombiCool RF

# FREE-STANDING REFRIGERATORS

Free-standing refrigerators have the advantage that you can use them wherever you want – e.g. in your awning tent, holiday home or log cabin. Our absorption refrigerators can even be placed near a bed, because they are completely silent.

Two well-proven models ready to follow you to every corner on Earth with their 3-way energy supply (12 V DC / 230 V AC / gas). RF 62 with spacious freezer compartment; RF 60 without freezer compartment.



SILENT



230 V



12 V



GAS



### Dometic CombiCool RF 62

Free-standing absorption refrigerator,  
56 l, Gas / 12 V DC / 230 V AC



### Dometic CombiCool RF 60

Free-standing absorption refrigerator,  
61 l, Gas / 12 V DC / 230 V AC

**Adjustable shelves offer flexibility**



**RF62 incl. 5-l-freezer compartment**





## NEW FOR OLD – SIMPLY SWAP

Would you like to replace your good old Dometic absorption refrigerator with a contemporary one to enjoy more convenience, up-to-date technology and a real eye-catcher in your kitchen?



Here you can decide which absorption  
refrigerator model best suits your size  
requirements: [dometic.com/rv](https://dometic.com/rv)



OLD	NEW
RM 200	<b>NRX90V (compressor refrigerator)</b>
RM 4210	
RM 4211 LM	
RM 2210	
RM 4200	
RM 270	<b>NRX90V (compressor refrigerator)</b>
RM 4230 L	
RM 2251	
RM 300P/A	<b>RMS 10.5T</b>
RM 301**	
RM 4300	
RM 4290L	
RM 7290L	
RMS 850x	
RM 4400 LM	<b>RM 10.5T</b>
RM 400P/C	
RM 850x	
RM 4181M	Devices no longer available No replacement
RM 185R**	
RM 4401LM	<b>RM 10.5T</b>
RM 400R	
RM 415	
RM 4405LM	
RM 7405L	
RM 850x	

OLD	NEW
RM 6291	<b>RMS 10.5T</b>
RM 7291L	
RMS 850x	<b>RMS 10.5T</b>
RM 6401	
RM 7401L	
RM 850x	<b>RMD 10.5 T</b>
RM 4501L	
RM 7501L	
RM 7601L	<b>RMS 10.5XT</b>
RMS 855x	
RM 4505L	<b>RMD 10.5 T</b>
RM 7505L	
RM 7605L	
RMD 8501	<b>RMD 10.5 T</b>
RMD 8505	
RMD 8551	<b>RMD 10.5 XT</b>
RMD 8555	

\*\* When replacing, minor modifications to the furniture must be made.

## Dometic CoolMatic CRD / CRX D / CD

# PULL-OUT FRIDGES

Fancy seeing your provisions smoothly sliding out towards you? CoolMatic CRD and CRX pull-out fridges have a convenient way of letting you keep track of what you have. Bottles are firmly secured with a bracket and the removable freezer compartment makes room for more refrigeration if required.

### OUR TIP:

Where space is limited, check our CoolMatic CD 20 / CD 30 built-in drawer fridges. The 20- or 30-litre models easily fit into existing storage compartments. They pull out easily, can be locked securely and are supplied complete with tailor-made installation frames.



12/24 V



**Available with a black, white or stainless steel front panel**

### Dometic CoolMatic CD 20 / 30

Compressor drawer fridge, 20 l or 30 l

### Dometic CoolMatic CRD 50 / CRD 50S

Pull out fridge and freezer, 12 / 24 volts DC, 38.5 l

### Dometic CoolMatic CRX 65D / CRX 65DS

Pull out fridge and freezer, 12 / 24 volts DC, 57 l

## Dometic CoolMatic CB

# SPACE-SAVING TOP LOADERS

**How to solve the lack of space for a fridge in a small motorhome or campervan?** Check out for our two top loading fridges, Dometic CoolMatic CB 40W and CB 36W. Where height and width are limited, they use the depth of the cupboard instead. In confined spaces, the cooling unit can be detached and fitted separately.



12/24 V



### Dometic CoolMatic CB 40W

Built-in compressor cooler,  
40 l, 12 / 24 volts DC

### Dometic CoolMatic CB 36W

Built-in compressor cooler,  
36 l, 12 / 24 volts DC



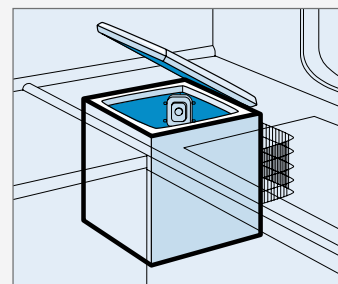
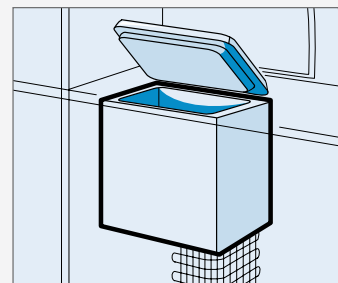
## INSTALLATION TIPS

### Space to spare down below?

That makes the CB 40W with the cooling unit attached to the base the ideal solution.

### Plenty of space lengthwise?

Take the CB 36W with the cooling unit attached to the side.



FOOD & BEVERAGE  
REFRIGERATORS

4.28 / Dometic 10-series

TECHNICAL DATA			
	RM 10.5T	RMS 10.5T	RMS 10.5XT
ABSORPTION REFRIGERATORS			
Ref.-No.	9600027098	9600027101	9600027116
Gross capacity	86 l	83 l	98 l
Net capacity main compartment	77.4 l	67.8 l	79 l
Net capacity freezer compartment	8.2 l	8.2 l	11.1 l
Connections	12 volts DC / 230 volts AC / LPG 30 mbar		
Temperature range	Refrigerator +7 °C, freezer compartment up to -12 °C at ambient temperatures up to 32 °C (equivalent to climate class SN)		
Ignition system	AES (Automatic Energy Selector)		
Dimensions (W x H x D, mm)	523 x 821 x 548	528 x 821 x 548	523 x 821 x 603
Weight (approx. kg) with freezer compartment	28.0	27.4	29
Test marks	Certified to European Gas Appliance Directive 90/396/EEC, e-certified (Automotive EMC Directive)		





**RMD 10.5T**



**RMD 10.5XT**



**RML 10.4T**

9620006713

153 l  
124 l  
29 l

9620012756

177 l  
142 l  
35 l

9620004548

133 l  
116 l  
12 l

12 volts DC / 230 volts AC / LPG 30 mbar

Refrigerator +7 °C, freezer compartment up to -12 °C at ambient temperatures up to 32 °C (equivalent to climate class SN)

AES (Automatic Energy Selector)

523 x 1245 x 550

523 x 1245 x 605


420 x 1293 x 578






40

41.5

35.5




Certified to European Gas Appliance Directive 90/396/EEC, e-certified (Automotive EMC Directive)

TECHNICAL DATA				
	RC 10.4T 70	RC 10.4T 90	RC 10.4T 90M	RCL 10.4ET
COMPRESSOR REFRIGERATORS	RC 10.4T 70	RC 10.4T 90	RC 10.4T 90M	RCL 10.4ET
Ref. No.	9600050782	9600050783	9620008606	9600049608
Gross capacity	69 l	90 l	90 l	151 l
Net capacity main compartment	54.5 l	75.5 l	75.5 l	128 l
Net capacity freezer compartment	7.5 l	7.5 l	7.5 l	18 l
Connections	12 V DC	12 V DC	12 V DC	12 V DC
Refrigerant	R134a	R134a	R600a	R600a
Refrigerant quantity	40g	43g	20g	31g
CO <sub>2</sub> equivalent	0.057 t	0.061 t	0.000102 t	1.2 kg
Global warming potential (GWP)	1430	1430	3	3
System	Fully hermetic compressor with integrated control electronics, low-voltage protection /electronic fuse, automatic reverse pole protection, double-hinged door <b>RC 10.4T 90M:</b> external fully hermetic compressor with external control electronics			
Colour	Black			
Cabinet	Black			
Door frame	Black			
Door panel	Black glossy finish (door decor changeable)			
Weight (kg)	19.5	21.5	21	31
Dimensions (W x H x D, mm)	420 x 821 x 450	420 x 975 x 450	420 x 975 x 485	420 x 1293 x 595
Test marks	TÜV/GS, e-certified (Automotive EMC Directive)			

				
<b>RCD 10.5ET</b>	<b>RCD 10.5XET</b>	<b>RCS 10.5T</b>	<b>RCS 10.5XT</b>	<b>NRX 90V</b>
9600050528	9600050530	9600028196	9600028199	9620006673
176 l 140 l 35.7 l	200 l 159 l 40.6 l	83 l 69.1 l 9.2 l	98 l 80.3 l 12.1 l	92 l 70.6 l 8.4 l
12 V DC	12 V DC	12 V DC	12 V DC	12/24 V DC
R600a 34g 0.000102 t 3	R600a 34g 0.000102 t 3	R600a 24g 0.000072 t 3	R600a 23g 0.000069 t 3	R600a 20g 0.000102 t 3
Fully hermetic compressor with integrated control electronics, low-voltage protection /electronic fuse, automatic reverse pole protection, double-hinged door				Fully hermetic compressor with integrated control electronics, low-voltage protection /electronic fuse, automatic reverse pole protection
Black Black Black glossy finish (door decor changeable)				
38	39.5	24.5	25	21.5
523 x 1282 x 550	523 x 1282 x 605	532 x 821 x 555	523 x 821 x 610	486 x 821 x 480
TÜV/GS, e-certified (Automotive EMC Directive)				

FOOD & BEVERAGE  
REFRIGERATORS

4.24 / Dometic NRX

TECHNICAL DATA			
	NRX 50C / 50S	NRX 60C / 60S	NRX 80C / 80S
COMPRESSOR REFRIGERATORS			
Ref. No.	9620001481 9600051673	9620001486 9600051674	9620001483 9600051675
Total volume	44 l	55 l	75 l
Freezer storage volume	4.4 l	6.1 l	6.6 l
Connections	12 / 24 V DC	12 / 24 V DC	12 / 24 V DC
Refrigerant	R134a	R134a	R134a
Refrigerant quantity	26 g	30 g	32 g
CO <sub>2</sub> equivalent	0.037 t	0.043 t	0.046 t
Global warming potential (GWP)	1430	1430	1430
System	Fully hermetic compressor with integrated control electronics, low-voltage protection / electronic fuse, automatic reverse pole protection, mechanical, continuously variable thermostat		
Colour	Silver metal outer case Black NRX C: Dark grey NRX S: Stainless steel		
Cabinet			
Door frame			
Door panel			
Weight (kg)	17.5	17	20
Dimensions (W x H x D, mm)	380 x 525 x 510	448 x 525 x 537	475 x 625 x 537
Test marks	SGS/CS, e-certified (Automotive EMC Directive)		
/ Optional extras			
Standard installation frame	-	-	-
CRX			
CRX S	-	-	-
Flush-mount installation frame			
CRX	-	-	-
CRX S			
Universal flush-mount frame	9620012874 9620012877	9620012875 9620012881	9620012880 9620012882
NRX C			
NRX S			

**NRX 115C /115S****NRX 130C /130S****CRX 110 / 110S****CRX 140 / 140S**9620001485  
9600051676113 l  
8.2 l

12 / 24 V DC

R134a  
10 g  
0.057 t  
14309620001482  
9600051677126 l  
8.2 l

12 / 24 V DC

R134a  
10 g  
0.057 t  
14309105306572  
9105306573104 l  
9 l

12 / 24 V DC

R134a  
47 g  
0.067 t  
14309600029646  
9600029647130 l  
11 l

12 / 24 V DC

R134a  
50 g  
0.072 t  
1430Fully hermetic compressor with integrated control electronics, low-voltage protection / electronic fuse,  
automatic reverse pole protection, mechanical, continuously variable thermostatSilver metal outer case  
Black  
NRX C: Dark grey  
NRX S: Stainless steel

25

525 x 745 x 568

26

525 x 812 x 568

**CRX S:**  
Black  
Silver  
Stainless steel (AISI316)

22.5 / 23.5

520 x 745 x 558

**CRX:**  
Black  
Silver  
Matt-silver  
(brushed stainless steel appearance)

30 / 31

525 x 815 x 619

SGS/CS, e-certified (Automotive EMC Directive)

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

-

9620012879  
9620012878

-

9620012883  
96200128769105306408  
91053056799105306413  
9105305674

-

9105306409  
91053056809105306414  
9105305675


-



FOOD & BEVERAGE  
REFRIGERATORS


4.24 / Dometic CoolMatic CRD / CRX D

4.11 / Dometic CoolMatic CB






TECHNICAL DATA					
	COMPRESSOR REFRIGERATORS	CRD 50 / 50S	CRX 65D / 65DS	CB 36W	CB 40W
Ref. No.	9105306581 9105306582	9105306540 9105306548	9105204661	9600051193	
Storage volume freezer compartment	38.5 l 6 l	57 l 7 l	36 l –	40 l –	
Connections	12 / 24 V DC	12 / 24 V DC	12 / 24 V DC	12 / 24 V DC	
Temperature range ( °C)	+10 to –12	+10 to –12	+10 to –12	+10 to –12	
Refrigerant Refrigerant quantity CO <sub>2</sub> equivalent Global warming potential (GWP)	R134a 38 g 0.054 t 1430	R134a 38 g 0.054 t 1430	R134a 60 g 0.086 t 1430	R134a 60 g 0.086 t 1430	
System	Fully hermetic compressor with integrated control electronics, low-voltage protection / electronic fuse, automatic reverse pole protection, mechanical, continuously variable thermostat			Fully hermetic compressor with integrated control electronics, electronic thermostat, low voltage protection / electronic fuse, automatic reverse pole protection, with detachable cooling unit (1.5 m)	
Colour Cabinet Door frame Door panel	CRX / CRD: Black Silver Matt-silver (brushed stainless steel appearance)	CRX S / CRD S: Black Silver Stainless steel (AISI316)	Body: grey, decor panel: pale grey		
Weight (kg)	17 / 18	20 / 21	17	19	
Dimensions (W x H x D, mm)	500 x 534 x 380	448 x 525 x 545	410 x 400 x 590	500 x 660 x 260	
Test marks	TÜV/GS, e-certified (Automotive EMC Directive)				
/ Optional extras					
Mains adapter EPS 100 230 V > 24 V	–	–	–	–	
Stainless steel installation frame	–	–	–	–	
Standard installation frame CRX / CRD CRX DS / CRD S	9105306405 9105305676	9105306406 9105305677	–	–	
Flush-mount installation frame CRX / CRD CRX DS / CRD S	9105306410 9105305671	9105306411 9105305672	–	–	

4.24 / Dometic CoolMatic CD

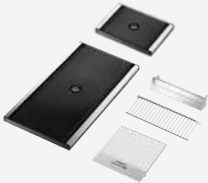
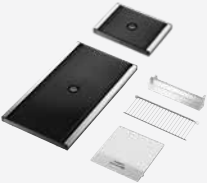
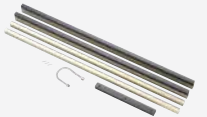


			
CD 20 / CD 20W	CD 20S	CD 30 / CD 30W	CD 30S
9620000721 (black) 9600008371 (white)	9620000723	9105330621 (black) 9105330622 (white)	9105330620
20 l –	20 l –	30 l –	30 l –
12 / 24 V DC	12 / 24 V DC	12 / 24 V DC	12 / 24 V DC
R134a 38 g 0.054 t 1430		R134a 42 g 0.060 t 1430	
Fully hermetic compressor with integrated control electronics, electronic thermostat, low voltage protection / electronic fuse, automatic reverse pole protection			
CD 20: black CD 20W: black, front white	Black, stainless steel	CD 30: black CD 30W: black, front white	Black, stainless steel
16.1	16.1	18	18
438 x 250 x 565 (incl.cooling unit)		440 x 250 x 730 (incl.cooling unit)	
e-certified (Automotive EMC Directive)			
9600000440	9600000440	9600000440	9600000440
9105303901	9105303901	9105303901	9105303901
–	–	–	–
–	–	–	–

TECHNICAL DATA		
		
ABSORPTION REFRIGERATORS	RF 60	RF 62
Ref.-No. (Door hinge left)	9105203240 (50 mbar) D, CH, A 9105203244 (30 mbar*) D, CH, A 9105203241 (30 mbar) DK, FIN, N, S 9105203243 (28 – 37 mbar) F, I, E, NL	9105203590 (50 mbar) D 9105203591 (28 – 37 mbar) F, I, E, NL 9105203623 (30 mbar) DK, FIN, N, S
Gross capacity (l) with freezer compartment freezer compartment	approx. 61 –	approx. 56 5
Connections	12 volts DC / 230 volts AC LPG	12 volts DC / 230 volts AC LPG
Temperature range	Up to 30 °C below ambient temperature	Up to 30 °C below ambient temperature, freezer compartment up to –12 °C
Ignition systems	Battery ignition	Battery ignition
Dimensions (W x H x D, mm)	486 x 615 x 490	486 x 617 x 490
Weight (approx. kg) with freezer compartment	26	25
Test marks	Certified to European Gas	






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

<b>ACCESSORIES FOR 10-SERIES REFRIGERATORS</b>					
	<b>RML 10.4S-UKIT</b>	<b>RC 10.4S 70-UKIT</b>	<b>RC 10.4S 90-UKIT</b>	<b>RM(S)/RCS 10.5S-UKIT</b>	<b>RMS/RCS 10.5XS-UKIT</b>
	Upgrade kit for Dometic RML 10.4S refrigerator and Dometic RCL 10.4S fridge variant to gain all preferable features of the Dometic RML 10.4 and RCL 10.4 fridge range	Upgrade kit for Dometic RC 10.4S 70 fridge variant to gain all preferable features of the Dometic RML 10.4T 70	Upgrade kit for Dometic RC 10.4S 90 fridge variant to gain all preferable features of the Dometic RC 10.4T 90	Upgrade kit for RM 10.5S, RMS 10.5S and RCS 10.5S fridge variant to gain all preferable features of the Dometic RM 10.5T, RMS 10.5T and RCS 10.5T	Upgrade kit for RMS 10.5XS and RCS 10.5XS fridge variant to gain all preferable features of the Dometic RMS 10.5XT and RCS 10.5XT
<b>Ref. No.</b>	9620009236	9600028492	9600028493	9600028478	9600028479
<b>Quality Features</b>	1 dual hinged door, 1 door rack, 1 fridge shelf, 1 veggie fresh lid	1 dual hinged door, 1 door rack, 1 fridge shelf	1 dual hinged door, 1 door rack, 1 fridge shelf	1 dual hinged door, 1 door rack, 1 fridge shelf	1 dual hinged door, 1 door rack, 1 fridge shelf


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<b>ACCESSORIES FOR 10-SERIES REFRIGERATORS</b>	<b>RMD/RCD 10.5S-UKIT</b>	<b>RMD/RCD 10.5XS-UKIT</b>	<b>RML 10.4-RPLKIT</b>	<b>RMD10.5-RCK</b>	<b>DOMETIC REF-STOKIT</b>
	Upgrade Kit for the RMD 10.5S and RCD 10.5S fridge variant to gain all preferable features of the RMD 10.5X and RCD 10.5T fridge range	Upgrade Kit for the RMD 10.5XS and RCD 10.5XS fridge variant to gain all preferable features of the RMD 10.5X and RCD 10.5XT fridge range	RML 94xx replacement kit for installation of RML 10.4 refrigerators	Shelf for RMD 10.5 freezer compartment	Storage kit for refrigerators
<b>Ref. No.</b>	9600028181	9600028421	9620009283	9620009197	9620009277
<b>Quality Features</b>	2 dual hinged doors, 1 door rack, 1 fridge shelve, 1 veggie fresh lid	2 dual hinged doors, 1 door rack, 1 fridge shelve, 1 veggie fresh lid	Upgrade from any RML 94xx refrigerator to a RML 10.4 one, easy upgrade, installation into existing cut-outs, flexible gas hose	Well-organised storage: you can optimise the use of the space in the freezer compartment your 10-series fridge with an additional shelf.	Contents: stackable trays for big and small items, plus a set of holders to keep the items in place, an egg shelf and an ice cube tray.



 <p><b>REF-ADAPT</b></p>	 <p><b>REF-FANKIT</b></p>	 <p><b>AR-VKIT</b></p>	 <p><b>AR-EGG</b></p>	 <p><b>AR-BI</b></p>
<p>Power adapter for 10-series absorption refrigerators. If required it can be adapted to the following plug systems:</p> <p>230/240 V CEE plug 9600015437 230/240 V UK plug 9620013146 230/240 V JST plug 9620009203 230/240 V MNL plug 9600015440</p> <p>10-series absorption refrigerators come standard with a WAGO plug for connection to 230/240 V AC.</p>	<p>Ventilation kit for 10-series absorption refrigerators</p> <p>9620009199</p> <p>The ventilation set is very easy to install and it ensures optimum ventilation of your fridge for best cooling performance. This kit is particularly recommended for high ambient temperatures or intense sunlight.</p>	<p>Ventilation kit for absorption refrigerators</p> <p>9620009252</p> <p>Optional ventilation extra for optimal performance of 4-series and 8-series refrigerators. Thermostat-controlled, extremely easy to install.</p>	<p>Egg shelf for absorption refrigerators</p> <p>9620009198</p> <p>For safe storage of up to six eggs. Suitable for all Dometic refrigerators.</p>	<p>Battery ignition for absorption refrigerators</p> <p>9620009243</p> <p>This battery ignition is suitable for retrofitting on all piezo refrigerators with plastic dashboard holders.</p>

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REFRIGERATORS






<b>ACCESSORIES FOR 10-SERIES REFRIGERATORS</b>	 <b>DOMETIC REF-FGC</b>
	Flexible gas connection pipe for 10 series absorption refrigerators
<b>Ref. No.</b>	9620009201
<b>Quality Features</b>	High quality and vibration resistant – same as in earthquake-safe household applications. DVGW certificate of the German Technical and Scientific Association for Gas and Water.

	Ventilation grills			Winter covers		
						
<b>VENTILATION GRILLS</b>	<b>LS 100</b>	<b>LS 200</b>	<b>LS 300</b>	<b>LS-R500</b>	<b>WA 120/130</b>	<b>EWS 300</b>
<b>Ref. No. white</b>	9500000958	9620009291	9620009255	9105900020	9620009215	9620009209
<b>Ref. No. black</b>	9620009242	9500001458	–	–	9500001460	–
<b>Door model</b>	top, single door	bottom, single door	double door	Extra ventilation of the 8- and 4-series refrigerators. Use in combination with LS 200 or LS 300 ventilation grill.	Winter cover set for LS 100 and LS 200	Winter cover set for LS 300, white

# ELECTRONIC ACCESSORIES FOR DOMETIC COMPRESSOR REFRIGERATORS

Do you want to operate your 12/24-volt compressor refrigerator on a mains power socket? Go ahead! You are bound to find a matching mains adapter in the Dometic CoolPower accessory range.

3.17 / Dometic CoolPower

<b>ELECTRONIC ACCESSORIES FOR COOLERS AND REFRIGERATORS</b>					
	<b>M 50U</b> Voltage monitor for 12-volt applications	<b>EPS 817</b> Mains adapter for connecting thermoelectric 12-volt cooling appliances	<b>EPS 100</b> Mains adapter for connection of 24-volt compressor cooling appliances to the 230-volt mains systems	<b>MPS 50</b> Mains adapter for connection of 12- / 24-volt compressor cooling appliances to 110 – 240-volt mains systems	<b>MPS 80</b> Mains adapter for connection of 12- / 24-volt compressor cooling appliances to 110 – 240-volt mains systems
<b>Ref. No.</b>	9600000446	9600000439	9600000440	9600000441	9600000442
<b>Input voltage</b>	–	230 V AC / 50 Hz	230 V AC	110 – 240 V AC	110 – 240 V AC
<b>Output voltage</b>	–	13 V DC	25 V DC	27 V DC	27 V DC
<b>Continuous load</b>	–	6 A	–	–	–
<b>Battery voltage</b>	–	60 mA	12 / 24 V DC	12 / 24 V DC	12 / 24 V DC

# THE FULL RANGE

View Products:  
**[dometic.com](http://dometic.com)**

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