



# Mobile climate solutions

Roof air conditioners

108 – 121

Under-bench air conditioners

122 – 123

 **Dometic**  
THE SIGN OF COMFORT





## Dometic air conditioners: Travelling the pleasant way

The idea of going on holiday in your recreational vehicle is to explore new ground – not going without the comfort you are used to at home. A Dometic air conditioner enables you to enjoy the same pleasant temperatures wherever you are. Powered by strong and energy-saving technology it offers high cooling performance for optimum comfort. The humidity in the air is effectively reduced, dirt and dust particles are filtered out. That’s how Dometic air conditioners ensure you always travel in comfort breathing clean, fresh air.

## Climate as desired

**Take your pick:** the Dometic range offers air conditioners in all performance categories – including models with manual temperature control or automatic air conditioning, with integrated heating or additional fresh air supply. Roof mounting allows for maximum efficiency and use of space. An ingenious system based on nature's own example: warm air is drawn in and cooled down, while cool air sinks down naturally. The under-bench air conditioner is a genuine innovation in climate control technology: supplied with a heat pump, it offers cooling as well as heating.

**Hot or cold days, roof mounting or installation inside the vehicle:  
Dometic has the right solution for every situation!**

### ■ Roof air conditioners





Dometic B 1500S



### ■ Under-bench air conditioners



Dometic HB 2500

- **Fast and easy roof mounting:** normally the air conditioners simply replaces the existing roof window. Dometic roof air conditioners have been adapted to the measurements of commonly used roof windows.
- **Efficient operation:** roof air conditioners use the physical principle that cold air sinks. The cold air streams are spread in the vehicle interior in an energy-saving manner and without performance loss.
- **Under-bench installation:** retain full use of the roof window of your caravan or motorhome. The roof load and outside dimensions of the vehicle are not affected. The air distribution can be flexibly adapted to the specific situation inside the vehicle.
- **High energy efficiency:** the heat pump principle enables a cooling capacity of 2500 watts and an amazing 3000 watts of heating power – at a maximum power draw of 1100 watts!

■ Model	  Best for vehicle length		Page
Dometic CA 1000	up to 5 m		108 – 109
Dometic B 1100S	up to 5 m		110 – 111
Dometic B 1500S	up to 6 m		110 – 111
Dometic B 1600	up to 6 m		112 – 113
Dometic B 1600PLUS	up to 6 m		112 – 113
Dometic B 2200	up to 7 m		114 – 115
Dometic CA 2500	up to 8 m		116 – 117
Dometic B 3200	8 m plus		120 – 121

■ Model	  Best for vehicle length		Page
Dometic HB 2500	5 m plus		122 – 123



## Extras for refreshing independence

The Dometic air conditioning programme gives wide scope for individual planning: it has the matching solution for every installation need, every desired comfort level and every budget. A comprehensive range of accessories guarantees total independence from an external power supply. Regardless of where you decide to stop, the right type of Dometic generator makes you independent from the 230-volt mains supply. A DC kit powers your air conditioner during the journey.

### Generators – autonomous 230-volt stationary operation

Enjoy your holidays, far from all the crowds and noise – yet still in perfect comfort. A Dometic generator allows you to run your air conditioner wherever you are, even when no mains supply is available. The well-proven units are

available in different performance ratings. Choose the model to match your Dometic air conditioner, and remember to add a little “extra” capacity for tools, domestic appliances, or charging the vehicle batteries.

#### Which generator matches which air conditioner?

	TEC 29/30	T 2500H	T 4000H
Dometic CA 1000	■	■	
Dometic B 1100S	■	■	
Dometic B 1500S	■	■	
Dometic B 1600	■	■	
Dometic B 1600PLUS	■	■	
Dometic B 2200	■	■	
Dometic CA 2500	■		■
Dometic B 3200	■		■
Dometic HB 2500	■		■

For more information about generators and technical details see p. 164 – 169, or visit [www.dometic-waeco.com/en/generators](http://www.dometic-waeco.com/en/generators)



### 12-volt DC kits for air conditioning while driving

Dometic air conditioners give you perfect climate control wherever you are: at your holiday destination and on the way there. For many models we offer matching DC kits for mobile operation from the 12-volt vehicle battery.

With a DC kit you can run your Dometic air conditioner while driving to boost the capacity of your vehicle A/C. You can choose from three models with different performance levels, features and functions [not designed for heating].

#### Which kit matches which air conditioner?

	DC-Kit-1	DC-Kit-2	DC-Kit-3
Dometic CA 1000	■		■
Dometic B 1600		■	■
Dometic B 1600PLUS		■	■
Dometic B 2200		■	■
Dometic CA 2500		■	■
Dometic HB 2500			■



#### DC-Kit-1 / DC-Kit-2

Standard model with 1000 or 1600 watts continuous output. Inverter with sinusoidal output voltage. Charging current distributor with low-voltage protection. Mains priority circuit. Remote control.

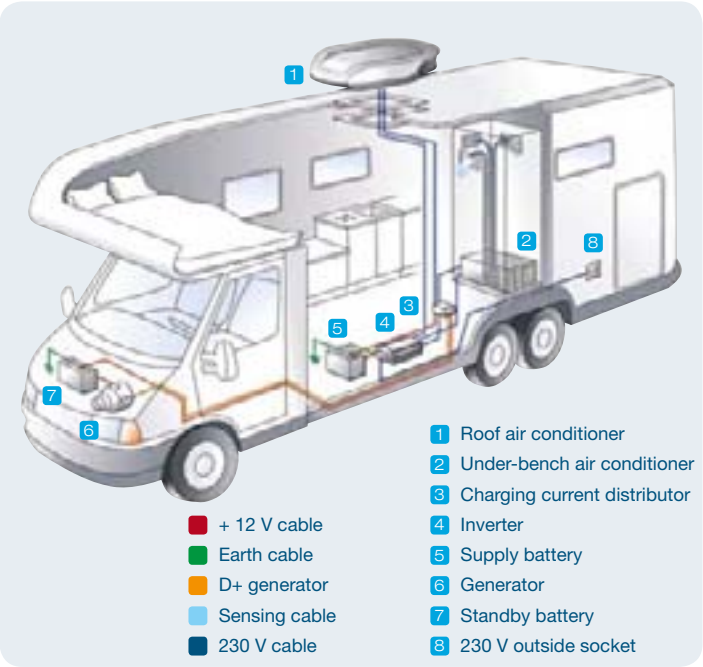
#### DC-Kit-3

Comfort model with 1500 watts continuous output. High-quality sine wave inverter. Additional 230-volt socket for other electric appliances. Charging current distributor with low-voltage protection. Mains priority circuit. Remote control.

### Perfect energy management with charging current distributor

All three DC kits come standard with a charging current distributor with low-voltage protection. The charging current distributor enables optimal energy efficiency while driving. With its assistance, the air conditioner can be perfectly integrated into the vehicle's energy management system. The unit regulates the current distribution between the starter battery, supply battery and the generator. At the same time, it prevents overload of batteries or onboard electronics. If the generator's capacity is insufficient and the energy required is drawn from the batteries, the charging current distributor turns the air conditioner off for a short period of time to prevent excessive discharging of the starter battery.

Once the batteries have been recharged, the system is automatically turned on again.



### Flexible installation – air conditioner adjusts to the roof thickness

All Dometic roof air conditioners can be individually adapted to different roof thicknesses. The control element can be installed at whatever distance to the base unit is required depending on the vehicle's roof thickness.



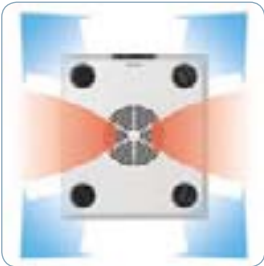










Air  
conditioners

	CA 1000	B 1100S	B 1500S	B 1600
				
Cooling capacity [watts / Btu/h]	1000 / 3400	1000 / 3400	1500 / 5200	1500 / 5200
Heating capacity [watts]	—	800	800	800
Power consumption Cooling/heating [watts] Fresh air mode [watts]	450 / — —	500 / 800 —	650 / 800 —	650 / 800 —
Input voltage	230 volts AC / 50 Hz	230 volts AC / 50 Hz	230 volts AC / 50 Hz	230 volts AC / 50 Hz
Current consumption Cooling/heating [A] Fresh air mode [A]	2.3 / — —	2.1 / 3.5 —	2.9 / 3.5 —	2.9 / 3.5 —
Necessary circuit protection [Campsite, A, delay fuse]	3	3	4	4
Refrigerant	R134a	R407c	R407c	R407c
Dimensions [W x H x D mm]	565 x 199 x 690	650 x 235 x 980	650 x 235 x 980	650 x 235 x 980
Roof opening [W x D mm]	400–435 x 400–435	400 x 400	400 x 400	400 x 400
Roof thickness [mm]	35–50	25–45	25–45	30–80
Weight [kg]	22	29	33	33
Test marks	TÜV/GS, e-approved to EMC automotive directive	E-approved to EMC automotive directive	E-approved to EMC automotive directive	E-approved to EMC automotive directive



B 1600PLUS	B 2200	CA 2500	B 3200	HB 2500
				
1500 / 5200	2050 / 7000	2500 / 8500	3200 / 10900	2500 / 8500
800	1200	1600	1600	3000**
650 / 800 —	910 / 1200 —	1150 / 1600 80	1350 / 1600 —	900 / 1100 —
230 volts AC / 50 Hz	230 volts AC / 50 Hz	230 volts AC / 50 Hz	230 volts AC / 50 Hz	230 volts AC / 50 Hz
2.9 / 3.5 —	4.0 / 5.2 —	4.4 / 7.4 0.3	6.3 / 6.9 —	3.9 / 4.8 —
4	5	5	10	6
R407c	R407c	R407c	R407c	R410a
650 x 235 x 980	650 x 235 x 980	670 x 238 x 1150	737 x 245 x 1025	400 x 280 x 710
400 x 400	400 x 400	400–435 x 400–435	355 x 355	—
30–80	30–80	28–100	110	—
33	34	45	45	24.9
E-approved to EMC automotive directive	E-approved to EMC automotive directive	e-approved to EMC automotive directive	E-approved to EMC automotive directive	E-approved to EMC automotive directive

Air distribution

				
Control by control panel by remote control	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
Number of blower speeds	2 / automatic	2	2	2
Functions	Temperature pre-setting [+17°C to +30°C] Automatic mode Cooling	Thermostat temperature control Cooling / heating Air filter	Thermostat temperature control Cooling / heating Air filter	Thermostat temperature control Cooling / heating Air filter
Number of air vents	4	1 [front]	1 [front]	2 [1 each front/rear]
Air vent functions	Can be closed separately, turned or adjusted in tilt	Adjustable in tilt	Adjustable in tilt	Continuous air flow regulation for all outlets
Special features	Super-compact design, 22 kg, just 20 cm high	Extra-flat air diffuser system	Extra-flat air diffuser system	Innovative air diffuser system

				
<input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input checked="" type="checkbox"/>
4 / automatic	4 / automatic	2 / automatic	3	3
Night-time control Timer Temperature pre-setting [+18°C to +40°C] Automatic mode Cooling / heating Lighting ON/OFF	Night-time control Timer Temperature pre-setting [+18°C to +40°C] Automatic mode Cooling / heating Lighting ON/OFF	Clock Night-time control Timer Temperature pre-setting [+10°C to +30°C] Automatic mode Cooling / heating / fresh air	Thermostat temperature control Cooling / heating / recirculating air	Clock Temperature pre-setting [+18°C to +40°C] Automatic mode Cooling / heating
2 [1 each front/rear]	2 [1 each front/rear]	10 [2 each front/rear + 6 bottom]	5 [1 each front/rear/ left/right/ bottom]	3 air outlets [optional] to be fitted as required
Continuous air flow regulation for all outlets	Continuous air flow regulation for all outlets	Bottom air vents can be closed separately and adjusted in tilt	Can be closed separately	
Air diffuser with integrated lighting	Air diffuser with integrated lighting	Fresh air function	Air circulation mode can be activated separately	Energy-efficient heat pump system

Best for vehicle length	 up to 5 m	 up to 5 m	 up to 6 m	 up to 6 m
Optional: DC kits for 12-volt operation	DC-Kit-1 DC-Kit-3	—	—	DC-Kit-2 DC-Kit-3
Optional: Matching generators	TEC 29, TEC 30 T 2500H	TEC 29, TEC 30 T 2500H	TEC 29, TEC 30 T 2500H	TEC 29, TEC 30 T 2500H

 up to 6 m	 up to 7 m	 up to 8 m	 8 m plus	 5 m plus
DC-Kit-2 DC-Kit-3	DC-Kit-2 DC-Kit-3	DC-Kit-2 DC-Kit-3	—	DC-Kit-3
TEC 29, TEC 30 T 2500H	TEC 29, TEC 30 T 2500H	TEC 29, TEC 30 T 4000H	TEC 29, TEC 30 T 4000H	TEC 29, TEC 30 T 4000H



## The clever compact class

This air conditioner fits any RV and any budget! The favourably priced Dometic CA 1000 is amazingly **compact**. At a flat height of 20 cm it is ideal for installation in **smaller caravans, motorhomes and panel vans**.

The powerful compressor system is quick and easy to install – in an existing or newly cut roof opening. Due to its low starting current, the CA 1000 works simply everywhere and without fail, even on campsites with low electrical circuit protection. Two optional DC kits are available for mobile operation. **Small is smart – welcome to the compact class of vehicle air conditioning!**

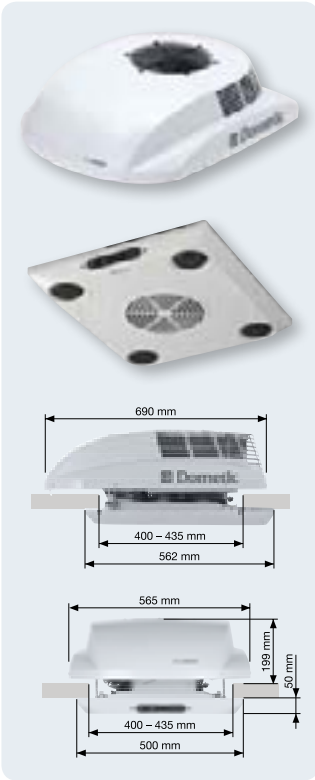
- Super compact, aerodynamic design, low weight
- Perfect installation results, air conditioner adjusts to the roof thickness
- Energy-saving, pleasantly quiet running
- Two blower speeds, manual or automatic operation
- Temperature and blower speed set by control panel
- Designed for stationary operation [230 volts]
- In combination with DC-Kit-1 or DC-Kit-3 also for mobile operation [12 volts]
- Impeccable operation on all European campsites due to low starting current [ < 3 A]



- Two different air zones in one vehicle
- Optimum conditions for living and sleeping: Dometic CA1000 brings domestic standards to your mobile home. The ultra-compact, space-saving design allows for problem-free installation of two units on the roof of larger caravans to create separate air zones inside. The roof load is relatively low, as the weight of two CA1000s is virtually the same as a conventional single roof air conditioner. Given you have a large enough vehicle, you can also combine the CA1000 with other Dometic air conditioners.

### Dometic CA 1000

Roof air conditioner with 1000-watt cooling capacity, for 230-volt stationary operation, 12-volt mobile operation with optional DC kit



Cooling capacity	1000 watts / 3400 Btu/h
Power consumption	450 watts
Input voltage	230 volts AC / 50 Hz
Current consumption	2.3 A
Necessary circuit protection [campsite]	3 A delay fuse
Number of blower speeds	2 / automatic
Thermostat temperature control	yes
Refrigerant	R134a
Dimensions [W x H x D]	565 x 199 x 690 mm
Roof opening / roof thickness	400 – 435 x 400 – 435 mm / 35 – 50 mm For a smaller roof thickness, use shorter bolts
Weight	approx. 22 kg*
Test marks	TÜV/GS, e-approved to EMC automotive directive
Scope of delivery	Roof air conditioner, mounting frame, air diffuser unit, fixing materials, installation and operating instructions

\* plus fixing materials

Product	Ref. No.
Dometic CA 1000	9100100003
Optional extra Protective cover	9100300004



For vehicles up to 5 m long



Cooling



For 230 V AC stationary operation

Four individually adjustable air vents

Digital control panel display shows temperature and blower speed

### DC-Kit-1

Standard kit for 12-volt mobile operation, optional accessory



Current consumption [12 volts DC]	30 to 40 A
Recommended generator capacity	≥ 75 A
Recommended total battery capacity	≥ 80 Ah
Continuous output	1000 watts
Dimensions [W x H x D] Inverter	210 x 77 x 300 mm
Scope of delivery:	Inverter [sine-wave-like output voltage, with mains priority circuit], remote control incl. 5 m control cable, 2 battery cables 16 mm² [1.5 m long], 230-volt connection cable, charging current distributor with relay

Product	Ref. No.
DC-Kit-1 standard kit for 12-volt mobile operation	9100300003



For operation on 12 volts DC

### DC-Kit-3

Comfort kit for 12-volt mobile operation, optional accessory



Current consumption [12 volts DC]	30 to 40 A
Recommended generator capacity [depending on the power drawn by additional electrical appliances]	≥ 75 A
Recommended total battery capacity	≥ 80 Ah
Continuous output	1500 watts
Dimensions [W x H x D] Inverter Mains priority circuit	191 x 88 x 415 mm 190 x 80 x 80 mm
Scope of delivery:	Sine wave inverter, remote control incl. 7.5 m control cable, mains priority circuit with 2 power sockets, 2 battery cables 35 mm² [1.5 m long], 2 pieces of 230-volt connection cable, charging current distributor with power relay

Product	Ref. No.
DC-Kit-3 comfort kit for 12-volt mobile operation	9100300002



For operation on 12 volts DC





## With extra-flat air diffuser unit

**Flat, aerodynamic and pleasantly quiet: the B 1100S roof air conditioner excels for its high performance combined with low energy consumption.** That means it is even better than the well-proven forerunner model, which has been chosen by leading manufacturers of recreational vehicles for years. Its ultra-flat construction reduces vibration and, what's more, makes installation even easier.

**The Dometic B 1500S represents one of Europe's most popular air conditioners in an optimised version.** Having the same size and aerodynamics as the B 1100S, it offers an extra 500 watts in performance. Both models feature an **extra-flat air diffuser unit** which gives you more headroom, e.g. for opening the bathroom door without catching at the top.



- Flat, aerodynamic design
- Perfect installation results, air conditioner adjusts to the roof thickness
- Extra-flat air diffuser unit
- Pleasantly quiet running
- Two-speed blower with improved air circulation
- Temperature and blower speed set by control panel
- Additional heating function
- Safe operation, tilt-insensitive up to 10 degrees
- Designed for stationary operation [230 volts]
- Circuit protection for campsites:  
3 A delay fuse [B 1100S], 4 A delay fuse [B 1500S]

- Easy-fit system  
Safe fastening with just four bolts – the easy-fit system makes it possible [available for Dometic B 1100S and B 1500S models]. Perfect installation results are guaranteed, because your air conditioner will adjust to any roof thickness between 25 and 45 mm. For roof thicknesses up to 75 mm thick you can use an adapter to get a neat finish.

### Dometic B 1100S / B 1500S

Roof air conditioners with 1000- or 1500-watt cooling capacity, for 230-volt stationary operation

2.10



	B 1100S	B 1500S
Cooling capacity	1000 watts/3400 Btu/h	1500 watts / 5200 Btu/h
Heating capacity	800 watts	800 watts
Power consumption cooling/heating mode	500/800 watts	650/800 watts
Input voltage	230 volts AC / 50 Hz	
Current consumption cooling/heating mode	2.1 / 3.5 A	2.9 / 3.5 A
Necessary circuit protection [campsite]	3 A delay fuse	4 A delay fuse
Number of blower speeds	2	
Thermostat temperature control	yes	
Refrigerant	R407c	
Dimensions [W x H x D]	650 x 235 x 980 mm	
Roof opening	400 x 400 mm	
Roof thickness without/with adapter	25 – 45 mm/up to 75 mm	
Weight	approx. 29 kg	approx. 33 kg
Test marks	E-approved to EMC automotive directive	
Scope of delivery	Roof air conditioner, mounting frame, air diffuser unit, fixing materials, installation and operating instructions	

Product	Ref. No.
Dometic B 1100S	9100100004
Dometic B 1500S	9100100005

For vehicles  
B 1100S: up to 5 m long  
B 1500S: up to 6 m long

Cooling and heating

For 230 V AC  
stationary operation

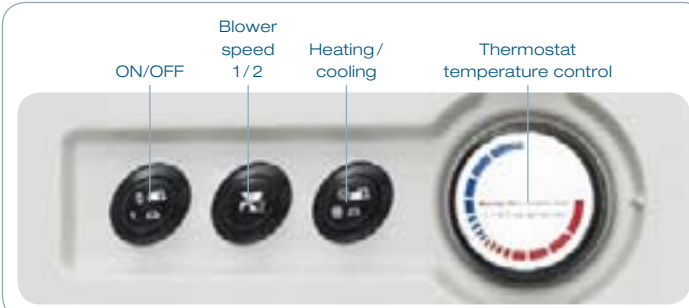
Extra-flat  
air diffuser

Pleasantly quiet  
running

### ■ Extra-flat and easy to operate



A comfortable climate – it's child's play now: the air diffuser unit of the S series uses three sensor switches and one rotary knob. ON, select blower speed, activate cooling or heating mode, set the desired temperature – then lean back and relax. **The extra-flat design saves valuable space inside.**





## Air conditioners with a big PLUS in comfort

Take one of Europe’s most popular air conditioning systems, and provide it with an improved air distribution system.

The result: the compressor roof air conditioner Dometic B 1600PLUS.

Designed for small and medium recreation vehicles, quick and easy to install. It delivers fresh, dehumidified air free from dust and dirt. Thanks to a patented diffuser system, air distribution is possible front or back separately, or both front and back together. So far, all that’s exactly the same as for the popular B 1600 basic model.

The “plus points” of the B 1600PLUS are its elegantly integrated lighting and comfortable remote control.

### ■ Innovative air distribution

The elegant air diffuser unit has a variety of extras for enhanced comfort. Both the temperature and the blower speed are operated by remote control [B 1600: at the unit itself]. The slide switch on the air vent unit provides the additional option of directing the air stream as desired: front only, back only, or front and back together.

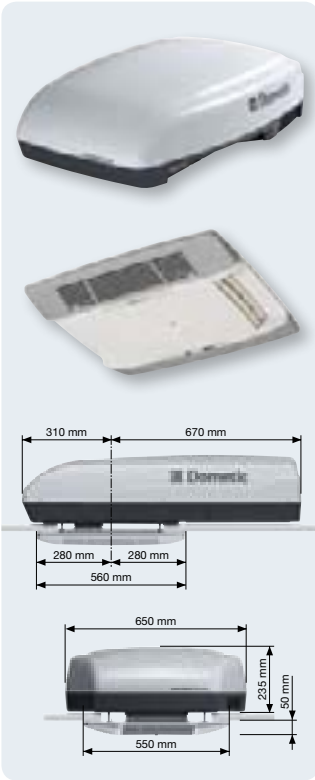
Four lamps fitted and concealed behind the cover produce a gentle, unobtrusive light [B 1600PLUS].



- Flat, aerodynamic design
- Perfect installation results, air conditioner adjusts to the roof thickness
- Pleasantly quiet running
- Individual air flow regulation with automatic blower control
- Comfortable remote control [B 1600PLUS]
- Control panel with integrated lighting [B 1600PLUS]
- Additional heating function
- Safe operation, tilt-insensitive up to 10 degrees
- Designed for stationary operation [230 volts]
- In combination with DC-Kit-2 or DC-Kit-3 also for mobile operation [12 volts]
- Circuit protection for campsites: 4 A delay fuse

### Dometic B 1600 / B 1600PLUS

Roof air conditioners with 1500-watt cooling capacity, for 230-volt stationary operation, 12-volt mobile operation with optional DC kit



Cooling capacity	1500 watts / 5200 Btu/h
Heating capacity [230-volt mode only]	800 watts
Power consumption cooling/heating mode	650/800 watts
Input voltage	230 volts AC / 50 Hz
Current consumption cooling/heating mode	2.9 / 3.5 A
Necessary circuit protection [campsite]	4 A delay fuse
Number of blower speeds	B 1600: 2, B 1600PLUS: 4 / automatic
Thermostat temperature control	yes
Refrigerant	R407c
Dimensions [W x H x D]	650 x 235 x 980 mm
Roof opening / roof thickness	400 x 400 mm / 30 to 80 mm
Weight	approx. 33 kg
Test marks	E-approved to EMC automotive directive
Scope of delivery	Roof air conditioner, remote control [not for B 1600] air diffuser unit, mounting frame, fixing materials, installation and operating instructions

Product	Ref. No.
Dometic B 1600	9100100006
Dometic B 1600PLUS	9100100007

#### NEW B 1600PLUS



For vehicles up to 6 m long



Cooling and heating



For 230 V AC stationary operation

B 1600PLUS: operated by remote control

Control panel with integrated lighting

### DC-Kit-2


Standard kit for 12-volt mobile operation, optional accessory



Current consumption [12 volts DC]	90 A max.
Recommended generator capacity	≥ 90 A
Recommended total battery capacity	≥ 100 Ah
Continuous output	1600 watts
Dimensions [W x H x D] Inverter	210 x 77 x 410 mm
Scope of delivery:	Inverter [sine-wave-like output voltage, with mains priority circuit], remote control incl. 5 m control cable, 2 battery cables 25 mm² [1.5 m long], 230-volt connection cable, charging current distributor with power relay

Product	Ref. No.
DC-Kit-2 standard kit for 12-volt mobile operation	9100300001

### 2.08



For operation on 12 volts DC

### DC-Kit-3


Comfort kit for 12-volt mobile operation, optional accessory



Current consumption [12 volts DC]	74 A max.
Recommended generator capacity	≥ 90 A
Recommended total battery capacity	≥ 100 Ah
Continuous output	1500 watts
Dimensions [W x H x D] Inverter	191 x 88 x 415 mm
Mains priority circuit	190 x 80 x 80 mm
Scope of delivery:	Sine wave inverter, remote control incl. 7.5 m control cable, mains priority circuit with 2 power sockets, 2 battery cables 35 mm² [1.5 m long], 2 pieces of 230-volt connection cable, charging current distributor with power relay

Product	Ref. No.
DC-Kit-3 comfort kit for 12-volt mobile operation	9100300002

### 2.08



For operation on 12 volts DC





## High-performance comfort model

**An elegant installation result inside and out. High performance, low vibration and noise level thanks to advanced technology and aerodynamic design. The Dometic B 2200 creates a perfect climate on board medium and large vehicles.**

That's largely due to its innovative air diffuser system. Like the smaller sister model, Dometic B 1600PLUS, air distribution is possible front or back as well as to the sides, and the fan speeds are individually adjustable. The temperature and the blower speed are set by remote control.

**Treat yourself to comfort and freshness in your “mobile home from home”!**

### ■ Innovative air distribution

The elegant air diffuser unit has a variety of extras for enhanced comfort. Both the temperature and the blower speed are operated by remote control. The slide switch on the air vent unit provides the additional option of directing the air stream as desired: front only, back only, or front and back together.

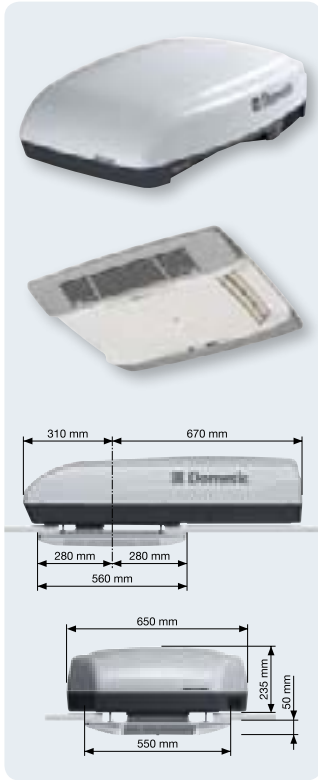
Four lamps fitted and concealed behind the cover produce a gentle, unobtrusive light.



- Flat, aerodynamic design
- Perfect installation results, air conditioner adjusts to the roof thickness
- Pleasantly quiet running
- Individual air flow regulation with automatic blower control
- Comfortable remote control of temperature and blower speed
- Control panel with integrated lighting
- Additional, high-performance heating function
- Safe operation, tilt-insensitive up to 10 degrees
- Designed for stationary operation [230 volts]
- In combination with DC-Kit-2 or DC-Kit-3 also for mobile operation [12 volts]
- Circuit protection for campsites: 5 A delay fuse

### Dometic B 2200

Roof air conditioner with 2050-watt cooling capacity, for 230-volt stationary operation, 12-volt mobile operation with optional DC kit



Cooling capacity	2050 watts / 7000 Btu/h
Heating capacity [230-volt mode only]	1200 watts
Power consumption cooling/heating mode	910/1200 watts
Input voltage	230 volts AC / 50 Hz
Current consumption cooling/heating mode	4.0 / 5.2 A
Necessary circuit protection [campsite]	5 A delay fuse
Number of blower speeds	4 / automatic
Thermostat temperature control	yes
Refrigerant	R407c
Dimensions [W x H x D]	650 x 235 x 980 mm
Roof opening / roof thickness	400 x 400 mm / 30 to 80 mm
Weight	approx. 34 kg
Test marks	E-approved to EMC automotive directive
Scope of delivery	Roof air conditioner, remote control, air diffuser unit, mounting frame, fixing materials, installation and operating instructions

Product	Ref. No.
Dometic B 2200	9100100009



For vehicles up to 7 m long



Cooling and heating



For 230 V AC stationary operation

Remote control



### DC-Kit-2

Standard kit for 12-volt mobile operation, optional accessory



Current consumption [12 volts DC]	100 to 150 A
Recommended generator capacity	≥ 150 A
Recommended total battery capacity	≥ 250 Ah
Continuous output	1600 watts
Dimensions [W x H x D] Inverter	210 x 77 x 410 mm
Scope of delivery:	Inverter [sine-wave-like output voltage, with mains priority circuit], remote control incl. 5 m control cable, 2 battery cables 25 mm² [1.5 m long], 230-volt connection cable, charging current distributor with power relay

Product	Ref. No.
DC-Kit-2 standard kit for 12-volt mobile operation	9100300001



For operation on 12 volts DC

### DC-Kit-3

Comfort kit for 12-volt mobile operation, optional accessory



Current consumption [12 volts DC]	81 to 113 A
Recommended generator capacity	≥ 120 A
Recommended total battery capacity	≥ 200 Ah
Continuous output	1500 watts
Dimensions [W x H x D] Inverter	191 x 88 x 415 mm
Mains priority circuit	190 x 80 x 80 mm
Scope of delivery:	Sine wave inverter, remote control incl. 7.5 m control cable, mains priority circuit with 2 power sockets, 2 battery cables 35 mm² [1.5 m long], 2 pieces of 230-volt connection cable, charging current distributor with power relay

Product	Ref. No.
DC-Kit-3 comfort kit for 12-volt mobile operation	9100300002



For operation on 12 volts DC



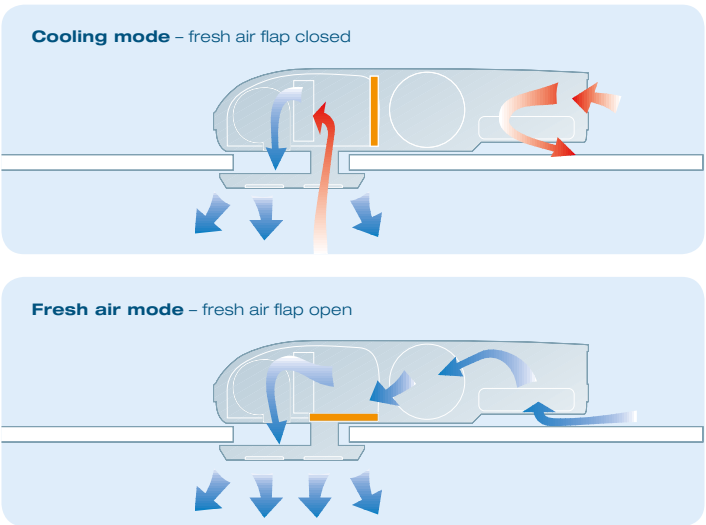


## High-end model with additional fresh air mode

Do you have a large or medium-sized camper vehicle? Welcome to your personal climate summit! The Dometic CA 2500 has one feature that sets it apart from all other camper air conditioners available in the market: the additional fresh air mode with the patented fresh air flap.

This pleasant and battery-friendly function should be used whenever the temperature outside is lower than the temperature inside the vehicle – at night, for instance, or on warm spring and autumn days when the sun radiation is strong enough to heat up the vehicle. Moreover, the CA 2500 provides extraordinary performance at modest energy consumption as well as many details for extra comfort and convenience.

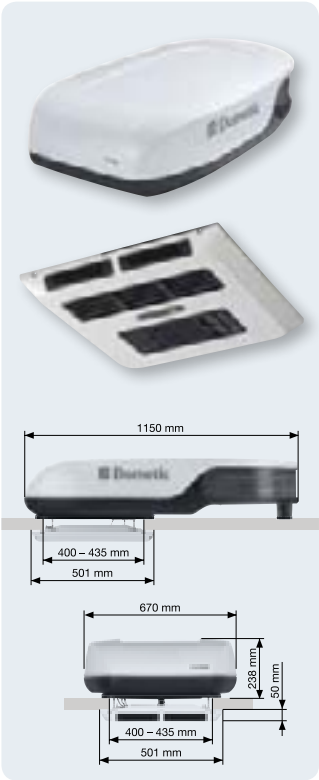
- Additional fresh air mode with patented fresh air flap
- Perfect installation results, air conditioner adjusts to the roof thickness
- Optimal air distribution inside the vehicle with individually adjustable air jets
- Two blower speeds, manual or automatic operation
- Comfortable remote control for all functions
- Safe operation, tilt-insensitive up to 10 degrees
- Designed for stationary operation [230 volts]
- In combination with DC-Kit-2 or DC-Kit-3 also for mobile operation [12 volts]
- Circuit protection for campsites: 5 A delay fuse



- Cooling or fresh air operation – whichever you prefer
- Simply use the integrated control to open or close the flap as required.
- Flap position on “cooling”:** The air inside the vehicle continuously flows through the air conditioner and cools down. The fresh air flap is closed.
- Flap position on “fresh air”:** Surrounding air is drawn into the vehicle, while accumulated heat is blown out at a very low power consumption. The air conditioner is switched off, only the interior fan is in operation.
- Treat yourself to fresh air whenever and however you want – while driving or at night without opening a window. Special fans and separately encapsulated components will ensure quiet running in either mode.

### Dometic CA 2500

Roof air conditioner with 2500-watt cooling capacity, for 230-volt stationary operation, 12-volt mobile operation with optional DC kit



Cooling capacity	2500 watts / 8500 Btu/h
Heating capacity [230-volt mode only]	1600 watts
Power consumption cooling / heating / fresh air mode	1150/1600/80 watts
Input voltage	230 volts AC / 50 Hz
Current consumption cooling / heating / fresh air mode	4.4/7.4/0.3 A
Necessary circuit protection [campsite]	5 A delay fuse
Number of blower speeds	2/automatic
Thermostat temperature control	yes
Refrigerant	R407c
Dimensions [W x H x D]	670 x 238 x 1150 mm
Roof opening / roof thickness	400 – 435 x 400 – 435 mm / 28 – 100 mm
Weight	approx. 45 kg
Test marks	e-approved to EMC automotive directive
Scope of delivery	Roof air conditioner, remote control, mounting frame, air diffuser unit, fixing materials, installation and operating instructions

Product	Ref. No.
Dometic CA 2500	9100100001

### DC-Kit-2

Standard kit for 12-volt mobile operation, optional accessory



Current consumption [12 volts DC]	100 A max.
Recommended generator capacity	≥ 120 A
Recommended total battery capacity	≥ 250 Ah
Continuous output	1600 watts
Dimensions [W x H x D] Inverter	210 x 77 x 410 mm
Scope of delivery:	Inverter [sine-wave-like output voltage, with mains priority circuit], remote control incl. 5 m control cable, 2 battery cables 25 mm² [1.5 m long], 230-volt connection cable, charging current distributor with power relay

Product	Ref. No.
DC-Kit-2 standard kit for 12-volt mobile operation	9100300001

### DC-Kit-3

Comfort kit for 12-volt mobile operation, optional accessory



Current consumption [12 volts DC]	95 A max.
Recommended generator capacity	≥ 120 A
Recommended total battery capacity	≥ 250 Ah
Continuous output	1500 watts
Dimensions [W x H x D] Inverter	191 x 88 x 415 mm
Mains priority circuit	190 x 80 x 80 mm
Scope of delivery:	Sine wave inverter, remote control incl. 7.5 m control cable, mains priority circuit with 2 power sockets, 2 battery cables 35 mm² [1.5 m long], 2 pieces of 230-volt connection cable, charging current distributor with power relay

Product	Ref. No.
DC-Kit-3 comfort kit for 12-volt mobile operation	9100300002

2.08



For vehicles up to 8 m long



Cooling and heating



For 230 V AC stationary operation

Remote control



2.08



For operation on 12 volts DC

2.08



For operation on 12 volts DC





Air conditioning in a class of its own

Welcome to the professional class!

Its powerful cooling capacity makes the Dometic B 3200 ideal for use in large motorhomes and the commercial sector.

No matter whether it is scorching hot or freezing cold outside – you can always depend on the B 3200. It cools or heats effectively and quietly, delivering clean, dehumidified air. The new, ergonomic air diffuser unit is child's play to use.



- The most powerful air conditioner in the Dometic range
- Perfect installation results, air conditioner adjusts to the roof thickness
- Pleasantly quiet running
- Three blower speeds for maximum flexibility
- Temperature and blower speed set by control panel
- Additional, powerful heating function [1600 watts]
- Safe operation, tilt-insensitive up to 8 degrees
- Designed for stationary operation [230 volts]
- Mobile operation [230 volts] possible with generators
- Circuit protection for campsites: 7 A delay fuse

- Top performance under extreme conditions
- Plenty of power: the Dometic B 3200 has energy to spare even under extreme conditions. Its 3200-watt cooling capacity is easily sufficient for a mobile home with several rooms. Which makes it ideal for large motorhomes and commercial vehicles, for journeys into regions with a hot climate or high temperature fluctuations.
- By selecting the right accessories, you can use your B 3200 just about everywhere. A Dometic generator, for instance, makes you independent from the 230-volt mains [see p. 164 – 169].

Dometic B 3200  
Roof air conditioner with 3200-watt cooling capacity, for 230-volt stationary operation

2.10



Cooling capacity	3200 watts / 10900 Btu/h
Heating capacity	1600 watts
Power consumption cooling/heating mode	1350/1600 watts
Input voltage	230 volts AC / 50 Hz
Current consumption cooling/heating mode	6.3 / 6.9 A
Necessary circuit protection [campsite]	7 A delay fuse
Number of blower speeds	3
Thermostat temperature control	yes
Refrigerant	R407c
Dimensions [W x H x D]	737 x 245 x 1025 mm
Roof opening / roof thickness	355 x 355 mm / 110 mm
Weight	approx. 45 kg
Test marks	E-approved to EMC automotive directive, CE
Scope of delivery	Roof air conditioner, mounting frame, air diffuser unit, fixing materials, installation and operating instructions

Product	Ref. No.
Dometic B 3200 [Roof air conditioner + air diffuser]	9100100011 + 9100100012*

\* When ordering, please specify both reference numbers.

For vehicles  
8 m long or beyond

Cooling and heating

For 230 V AC  
stationary operation

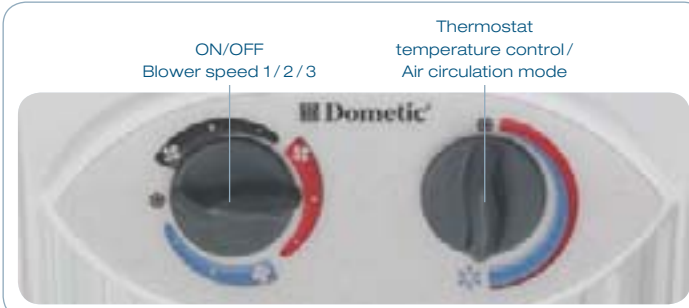
Air circulation mode  
can be activated  
separately

■ The new control panel: elegant, ergonomic, easy to operate



Simply ingenious: the flat, ergonomic air diffuser of the B 3200 series has two rotary switches – one for the temperature and one for the blower speed. The air stream is vented in the vehicle interior via five nozzles and can be distributed by complete or partial opening or closing of the vents, respectively – just set it to what you find most comfortable.

Pleasantly flexible: the B 3200 cools or heats and purifies the air in the vehicle interior at the same time. The filter function may be activated even when the air conditioner and heater are switched off. Just turn to the grey symbol for circulation and breathe in purified air!







## The unique under-bench air conditioner

**Experience the world's first under-bench air conditioner with genuine heating function! Regardless of whether it is tropically hot or unpleasantly cold outside: the climate inside your vehicle is always just right.**

Based on efficient heat pump technology the Dometic HB 2500 provides high performance at low energy consumption. It purifies and dehumidifies the air, cools or warms it.

The air is evenly distributed to the different areas of the vehicle via three outlets. The position of these outlets is variable and can be individually adapted to your vehicle. All functions, which include night-time control and time programming, can be comfortably set by remote control. The benefits of under-bench installation are obvious: roof window, outer dimensions and the physical properties of your vehicle remain unaffected.

- Energy-efficient heat pump system for cooling and heating
- No extra roof load, roof window is retained
- Three blower speeds, air distribution can be adjusted as required
- Variable position of the air outlets
- Low-noise air circulation
- Low weight
- High operating comfort with multi-functional remote control
- Designed for stationary operation [230 volts]
- In combination with DC-Kit-3 also for mobile operation [12 volts]
- Circuit protection for campsites: 6 A delay fuse

### Central air distribution

High-performance, efficient air distribution



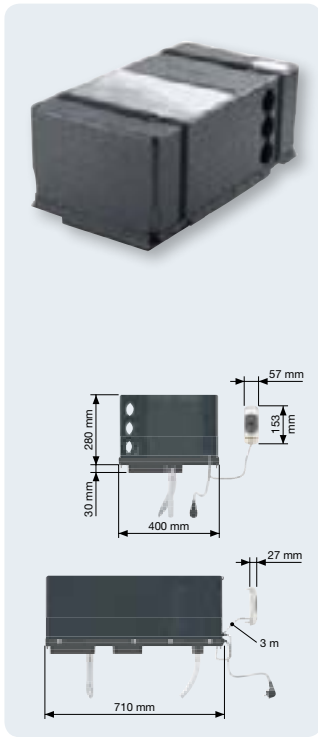
### All-round solution

Even air distribution in each part of the vehicle. Ideal for all requirements.



### Dometic HB 2500

Under-bench air conditioner with 2500-watt cooling capacity, for 230-volt stationary operation, 12-volt mobile operation with optional DC kit



Cooling capacity	2500 watts / 8500 Btu/h
Heating capacity [heat pump capacity* plus heating resistor capacity]	3000 watts
Power consumption cooling/heating mode	900/1100 watts
Input voltage	230 volts AC / 50 Hz
Current consumption cooling/heating mode	3.9/4.8 A
Necessary circuit protection [campsite]	6 A delay fuse
Number of blower speeds	3
Thermostat temperature control	yes
Refrigerant	R410a
Dimensions [W x H x D]	400 x 280 x 710 mm
Weight	approx. 24.9 kg
Test marks	E-approved to EMC automotive directive
Scope of delivery	Air conditioner, remote control, IR receiver, fixing materials, installation and operating instructions

\* Heat pump is effective for outside temperatures down to 0°C, below this temperature its efficiency is considerably reduced.

Product	Ref. No.
Dometic HB 2500	9100100010



For vehicles  
5 m long or beyond



Cooling and heating



For 230 V AC  
stationary operation

Remote control  
and receiver



### Accessories

for customised air distribution solutions



Product	Ref. No.
Circular air inlet grille [2 pieces] ø 190 mm	9100300018
Rectangular air inlet grille 240 x 240 mm	9100300017
Air outlet grille kit [3-pieces] ø 60 mm	9100300016
Curve 90°, ø 60 mm	9100300015
Flexible hose ø 60 mm x 10 m length	9100300019

### DC-Kit-3

Comfort kit for 12-volt mobile operation, optional accessory



Current consumption [12 volts DC]	90 A max
Recommended generator capacity	≥ 150 A
Recommended total battery capacity	≥ 250 Ah
Continuous output	1500 watts
Dimensions [W x H x D] Inverter Mains priority circuit	191 x 88 x 415 mm 190 x 80 x 80 mm
Scope of delivery:	Sine wave inverter, remote control incl. 7.5 m control cable, mains priority circuit with 2 power sockets, 2 battery cables 35 mm² [1.5 m long], 2 pieces of 230-volt connection cable, charging current distributor with power relay

Product	Ref. No.
DC-Kit-3 comfort kit for 12-volt mobile operation	9100300002



For operation  
on 12 volts DC