

# MY CLIMATE





## MOBILE CLIMATE SOLUTIONS

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## Perfect temperatures on board

Most of us love going south, with hot summers and plenty of sunshine. But that can really heat up your motorhome even in moderate climates and make staying inside unbearable at any time of year. The alternative? Install a Dometic air conditioner to create your own climate, take a deep breath and enjoy!



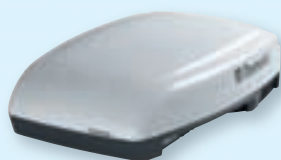
## DOMETIC AIR CONDITIONERS TRAVELLING THE PLEASANT WAY

Hot or cold days, a roof installation or inside the vehicle:  
Dometic has the perfect solution for any situation!

Going on holiday in your recreational vehicle is for exploring new ground – not for going without the comfort you are used to at home. A Dometic air conditioner lets you enjoy the same pleasant temperatures wherever you are. Powered by strong and energy saving technology, it offers high cooling performance for optimum comfort. As one of the most important features of an air conditioner, the

humidity is effectively reduced, as well as the temperature. That's how Dometic air conditioners ensure you always travel in comfort. 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 a heat pump.

## Roof air conditioners



### Central air zones

**Maximum efficiency and use of space** is achieved by the roof air conditioner. An ingenious system based on nature's own example: rising, warm air is drawn in and cooled down, while cool air sinks down naturally. Some models also have a heating function.

#### Quick and easy installation

Dometic air conditioners were designed for most standard roof openings with a size of 40 x 40 cm. Normally air conditioners simply replace the existing roof window.

## Roof air conditioners with window



THE  
WORLD'S  
FIRST

### The world's first – Dometic FreshLight

#### Unique combination of roof air conditioner and roof window

For this innovative air conditioner, you don't need a roof window – quite the contrary. With Dometic FreshLight, the window is already built into the air conditioning unit. The result is perfect temperatures on board a caravan or motorhome with natural light still coming from above.

## Under-bench air conditioners



### Flexible climate control

#### With a heating function

The under-bench air conditioner is a genuine innovation in climate control technology. It is supplied with a heat pump and offers cooling as well as decentralised heating. Whether it is tropically hot or unpleasantly cold outside: the climate inside your vehicle is always just right.

#### Installation in storage compartments

The advantages of installing it here are clear: the roof window, outer dimensions and the features of your vehicle remain unaffected. The air is evenly distributed to the different areas of the vehicle through three outlets. You can choose the position of these outlets according to the particular features of your vehicle.

# Dometic



## Air conditioners – overview of vehicle lengths

### < 5 m

Dometic CA 1000  
Dometic B 1100 S

### < 6 m

Dometic B 1500 S  
Dometic B 1600 PLUS

### < 7 m

Dometic B 2200  
Dometic FreshLight

### < 8 m

Dometic B 2600  
Dometic HB 2500

### > 8 m

Dometic B 3200



# DOMETIC FRESHLIGHT

INSPIRED BY COMFORT

*The first unique combination of a roof  
air conditioner and roof window.*

→ Dometic FreshLight video

Take a photo of the QR code shown on the right using the camera of your smart phone,  
and the code will guide you directly to the video, or enter  
<http://qr.my-caravanning.com/en/freshlight/> in your internet browser.



NATURAL LIGHT



INTEGRATED  
LIGHTS



ACTIVE  
VENTILATION



ADDITIONAL  
HEATING  
FUNCTION



COOL AIR –  
DEHUMIDIFIED



INCLUDES  
REMOTE  
CONTROL



 **Dometic**

**NEW**  
air conditioner  
with window



**THE WORLD'S FIRST** → BREATHE EASY – WITH WONDERFUL VIEWS

## THE UNIQUE COMBINATION OF AN AIR CONDITIONER AND WINDOW

### Four functions combined

For this innovative air conditioner, you don't need a roof window – quite the contrary. With Dometic FreshLight, the window is already built into the air conditioning unit. The result is perfect temperatures on board a caravan or motorhome with natural light still coming from above.

- Energy-efficient heat pump system for cooling and heating
- With active ventilation system and single-pleated blackout screen



**THE ROOF WINDOW REMAINS** → NATURAL LIGHT FROM ABOVE

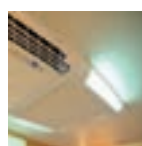


**THE PLEATED BLACKOUT SCREEN** → COMPLETELY COVERS THE WINDOW



### Daylight with FreshLight

The window in the air conditioner lets natural light stream into the vehicle.



### Radiate light with FreshLight

Two LEDs with dimmers are built into the air diffuser unit and ensure pleasant lighting.



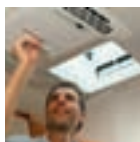
### Cooling with FreshLight

A patented distribution system steers cool, dehumidified air in the required direction without dust and dirt.



### Heating\* with FreshLight

The extra heating function is a welcome addition for cool evenings and transitional periods.



### Ventilate actively with FreshLight

In this operation mode, stale air is drawn powerfully out of the room. Fast air circulation guaranteed!



### Remote control with FreshLight

Many functions are convenient to use by remote control.

\* When the ambient temperature drops, the heating capacity of the heat pump reduces. We recommend you operate this at ambient temperatures of +2°C and above.

## Dometic FreshLight

2.10

**NEW!** Roof air conditioner with roof window, 2200 watts cooling capacity for vehicle lengths of up to 7 m

- The world's first roof air conditioner with integrated roof window
- Roof window with active ventilation system and single-pleated blackout screen
- Energy-efficient heat pump system for cooling and heating
- Individual air flow regulation with automatic blower control
- Using DC-Kit-2 or DC-Kit-3 also for mobile operation (12 volts DC)
- Designed for vehicle lengths of up to 7 m
- Cooling capacity: 2200 watts / 7500 Btu/h
- Heating capacity 2700 watts
- Power consumption for cooling/heating mode: 950/1200 watts

Ref. No.: 9102900165

## + Cooling while you drive

### DC-Kit-2 / -3 (optional extra)

Arrive cool and calm – the high-quality DC-Kits let you operate the air conditioner while you are travelling.

DC-Kit-2, standard  
inverter, 1600 watts  
Ref. No.: 9100300001

DC-Kit-3, comfort  
sine wave inverter, 1500 watts, 2 sockets  
Ref. No.: 9100300002

For more details, see the overview on page 111



# THE SMART COMPACT CLASS

## DOMETIC CA 1000

An assembly height of just 20 cm and about 22 kg in weight: that makes the Dometic CA 1000 ideal for installing in smaller caravans, motorhomes and panel vans. Installing the ultra-compact air conditioner is quickly done: just insert it into the existing roof opening or any other one and you can enjoy the results of a smooth installation thanks to the roof thickness adjustment! Owners of larger caravans will appreciate the CA 1000 in two units in the roof to create separate air zones inside. The roof load is relatively low, as the weight of the duo unit is virtually the same as a standard single roof air conditioner. Thanks to product improvements, the Dometic CA 1000 is now even quieter.

### Dometic CA 1000

2.08

Compact roof air conditioner, ideal for vehicle lengths of up to 5 m or for the duo unit of up to 10 m

- Cooling capacity: 1000 watts/3400 Btu/h
- Blower speeds: 2 with manual or automatic operation

Ref. No.: 9100100003

#### All at a glance

Digital display shows the temperature and blower speed on the control panel



### + Cooling while you drive

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

Arrive cool and calm – the high quality DC-Kits even let you run your air conditioner while you are driving.

DC-Kit-1, standard inverter, 1000 watts  
Ref. No.: 9100300003

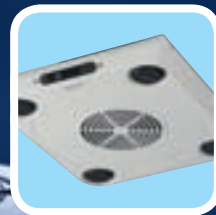
DC-Kit-3, comfort sine wave inverter, 1500 watts, 2 sockets  
Ref. No.: 9100300002

### + Protective cover

Withstands the test of time! Use the weather-resistant, hail-proof rain cover to protect your CA 1000 roof air conditioner for longer periods of disuse.

Ref. No.: 9100300004

Now even quieter!



## The powerful lightweight

- For vehicle lengths of up to 5 metres
- Ultra-compact and lightweight (22 kg)
- Energy-saving and pleasantly quiet
- Quick and easy installation
- Perfect installation results as the air conditioner adjusts to the roof thickness
- Four individually adjustable air vents
- As a duo unit, ideal for creating separate climate zones in vehicles of over 5 metres long
- Circuit protection for campsites: 3 A delay fuse
- Using the optional DC-Kit-1 or DC-Kit-3 also for mobile operation (12 volts DC)

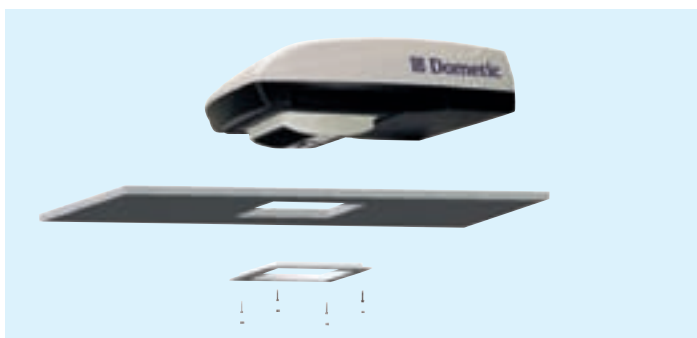
# ULTRA-SLIMLINE INTERIOR

## DOMETIC B 1100S / B 1500S

The only difference is in their power output and they are the most popular air conditioners in Europe. The Dometic B 1100S/B 1500S offer pleasant air at reasonable prices and are equipped with an extra-slimline air diffuser unit. The outcome – more height, for instance when opening the bathroom door.

### Easy-fit system

Easy to install with only four screws – Easy-fit makes it possible. 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.



### Extremely easy to use

The air diffuser unit of the S series uses three sensor switches and one knob. Switch on, select the blower speed, activate the cooling or heating mode, set the temperature. The extra-slimline design saves valuable space inside.



### Dometic B 1100S / B 1500S

2.10

Roof air conditioners with extra-flat air diffuser unit for vehicle lengths of up to 6 metres.

- Cooling capacity: 1000 watts/3400 Btu/h 1500 watts/5200 Btu/h
- Heating capacity: 800 watts 800 watts
- Blower speeds: 2 2

B 1100S // Ref. No.: 9100100004

B 1500S // Ref. No.: 9100100005

+ Ref. No.: 9100300020

**Optional adapter set**

**Extra-flat air  
diffuser unit**



## Aerodynamic on the outside, slimline and quiet on the inside

- For vehicle lengths of up to 5 m (B 1100S) or 6 m (B 1500S)
- Powerful output at low energy consumption
- Ultra-flat air diffuser unit with two-speed blower
- Additional heating function
- Clear, easy-to-use control panel
- Quick and easy installation
- Perfect installation results as the air conditioner adjusts to the roof thickness
- Circuit protection for campsites: 4 A delay fuse

 **Dometic**


## The comfort class

- 3 output versions for vehicle lengths of up to 8 metres
- Individual air flow regulation with automatic blower control
- Pleasantly quiet operation
- All functions can be controlled by remote control
- Additional heating function
- B 2600 with energy-efficient heat pump system
- Control panel with integrated lighting
- Perfect installation results as the air conditioner adjusts to the roof thickness
- Circuit protection for campsites: 4 A (B 1600PLUS), 6 A (B 2200) or 8 A (B 2600) delay fuse
- Using the optional DC-Kit-2 / -3 (B 1600PLUS, B 2200) or DC-Kit-4 (B 2600) also for mobile operation (12 volts DC)

# AIR CONDITIONING COMFORT FOR LARGER VEHICLES

## DOMETIC B 1600PLUS / B 2200 / B 2600

One of the most popular air conditioners in Europe has been improved, equipped with additional luxury features and is available in three different output versions. The result: the Dometic B 1600PLUS, B 2200 and B 2600 compressor roof air conditioners. Designed for medium and large recreational vehicles, it is easy to install with perfect results. Additional benefits include the user-

friendly remote control and integrated lighting. This compact unit delivers fresh, dehumidified air free from dust and dirt. Thanks to a patented diffuser system, air distribution is possible at the front or back separately, or both front and back together. Heating? That's also easy for this deluxe air conditioner which quickly becomes an absolute must-have accessory on board.



## First-entry model

### Dometic B 1600PLUS 2.10

Roof air conditioner with 1500 watts for vehicle lengths of up to 6 m

- Cooling capacity: 1500 watts/5200 Btu/h
- Heating capacity: 800 watts
- Blowers speeds: 4 / automatic

Ref. No.: 9100100007

## The best-selling

### Dometic B 2200 2.10

Roof air conditioner with 2200 watts for vehicle lengths of up to 7 m

- Cooling capacity: 2200 watts/7500 Btu/h
- Heating capacity: 1200 watts
- Blowers speeds: 4 / automatic

Ref. No.: 9100100009

## With heat pump technology

### Dometic B 2600 2.10

Roof air conditioner with 2500 watts for vehicle lengths of up to 8 m

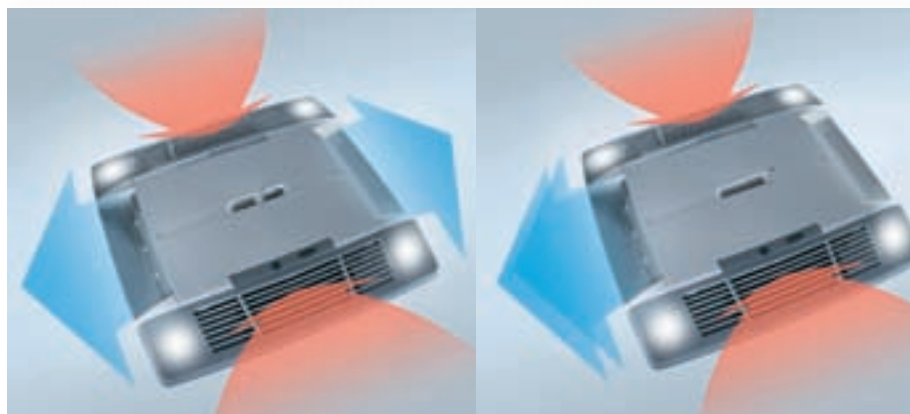
- Cooling capacity: 2500 watts/8500 Btu/h
- Heating capacity\*: 3300 watts
- Blowers speeds: 4 / automatic

Ref. No.: 9102900102

\* When the ambient temperature drops, the heating capacity of the heat pump reduces. We recommend you operate this at ambient temperatures of +2°C and above.

## B 2600: air conditioner with efficient heat pump technology

From a technical point of view, the B 2600 roof air conditioner offers a special feature, as it is fitted with an energy-efficient heat pump system. It provides extremely powerful cooling and heating in particular, despite using less energy than other comparable systems.



The air flow can be steered in one direction or in two directions at the same time.

## Innovative air distribution

You can direct the air flow just as you want using a slide switch on the air diffuser unit: front only, back only, or front and back together. Four lamps fitted and concealed behind the cover produce a gentle, unobtrusive light.



## At just the touch of a button

### All models include remote control

You can control all the functions of your Dometic air conditioner easily by remote control. The digital display shows the selected settings, such as temperature, blower speed, battery status, timer etc.

1. ON/OFF / 2. Temperature selection / 3. Blower speed / 4. Operating mode / 5. Digital function

## + Cooling while you drive

### DC-Kit-2 / -3 / -4

Arrive cool and calm – the high-quality DC-Kits let you operate the air conditioners while you are driving.

B 1600PLUS, B 2200: DC-Kit-2, standard inverter, 1600 watts  
Ref. No.: 9100300001

B 1600PLUS, B 2200: DC-Kit-3, comfort sine wave inverter, 1500 watts, 2 sockets  
Ref. No.: 9100300002

B 2600: DC-Kit-4  
sine wave inverter, 2000 watts  
Ref. No.: 9100300044

For more details, see the overview on page 111

 **Dometic**

## The most powerful in the range

- For vehicle lengths of up to 8 metres
- Pleasantly quiet operation
- Three blower speeds
- Additional powerful heating function
- Regulated via the control panel
- Perfect installation results as the air conditioner adjusts to the roof thickness
- Circuit protection for campsites: 10 A delay fuse
- Can be operated via the optional DC-Kit-4 also while driving (12 volts DC)



# WELCOME TO THE TOP OF THE RANGE

## DOMETIC B 3200

Plenty of power: with a cooling capacity of 3200 watts, the Dometic B 3200 has energy to spare even under extreme conditions. It effortlessly supplies a mobile home with several rooms with cool, filtered air and can also heat.

Ideal for large motorhomes and commercial vehicles, for journeys to regions with a hot climate or high temperature fluctuations.



## Dometic B 3200

2.10

Roof air conditioner with 3200 watts for vehicle lengths of over 8 m

- Cooling capacity: 3200 watts/10,900 Btu/h
- Heating capacity: 1600 watts
- Power consumption for cooling/heating mode: 1350/1600 watts
- Number of blower speeds: 3

(roof air conditioner + air distribution)

Ref. No.: 9108555544 + 9108556585\*

\* Please provide both reference numbers when you place an order.

## ✚ Cooling while you drive

### DC-Kit-4

Arrive cool and calm – the high-quality DC-Kits let you operate the air conditioner while you are driving.

DC-Kit-4

sine wave inverter, 2000 watts

Ref. No.: 9100300044



### The new control panel: elegant, ergonomic and ingeniously simple to operate

The neat control panel is self-explanatory. Select the temperature/operating mode and the blower speed using two knobs.



### Air distribution and air quality

The cool or warm air streams into the vehicle interior through five vents. By opening or closing the vents on the elegant air diffuser, you can set the air stream to what you find most comfortable. The B 3200 cools or heats and purifies the air in the vehicle interior at the same time. The filter function can be activated even when the air conditioner and heater are switched off. Just switch on the air circulation mode and breathe in the clean air!





**Dometic**

## With heating function

- For vehicle lengths of up to 8 metres
- Pleasantly quiet operation
- Energy-efficient heat pump system for cooling and heating
- Low-noise air circulation
- Three blower speeds
- Individual positioning of the three air outlets
- Excellent user convenience with multi-functional remote control
- Low weight
- No additional roof window, optimises the vehicle's features
- Vehicle height remains unchanged
- Circuit protection for campsites: 4 A in cooling mode or 5 A in heating mode, delay fuse
- Can be operated via the optional DC-Kit-3 also while driving (12 volts DC)

# DOMETIC HB 2500

## THE WORLD'S FIRST UNDER-BENCH AIR CONDITIONER

Whether it is tropically hot or unpleasantly cold outside: the air inside your vehicle is always just right. Thanks to the Dometic HB 2500 the world's first under-bench air conditioner with heating. The efficient heat pump technology is especially powerful and economical in energy consumption. It supplies cool and heated air, purifies and humidifies. The air is evenly distributed through three

vents which can be individually positioned in your vehicle, lengthways as well as on the front of the unit. All functions are easy to set using the remote control. The benefits of under-bench installation are obvious: the roof window, outer dimensions and the features of your vehicle remain unaffected.

## No additional roof window

### Dometic HB 2500

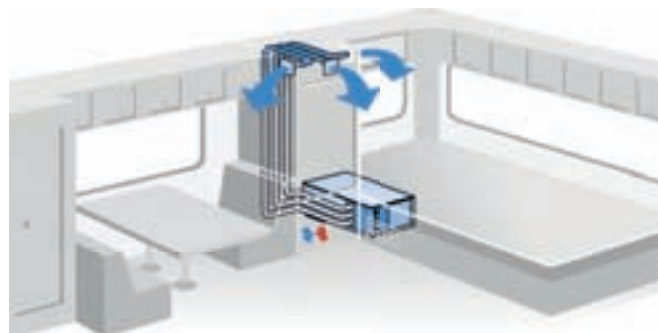
2.10

Under-bench air conditioner with 2500 watts for vehicle lengths of up to 8 m

- Cooling capacity: 2 500 watts/8500 Btu/h
- Heating capacity (heat pump\* plus heating resistor capacity): 500 watts up to max. 3000 watts

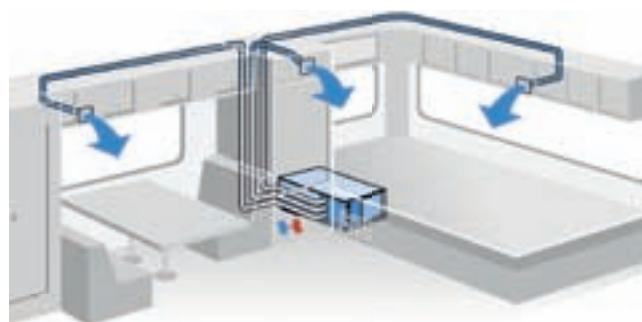
Ref. No.: 9100100010

\* When the ambient temperature drops, the heating capacity of the heat pump reduces. We recommend you operate this at ambient temperatures of +2°C and above.



### Central solution

High-performance and efficient air distribution



### All-round solution

Even air distribution in different parts of the vehicle

## + Cooling while you drive

### DC-Kit-3

Arrive cool and calm – the high-quality assembly kit lets you operate the air conditioner while you are driving.

DC-Kit-3, comfort  
sine wave inverter, 1500 watts, 2 sockets  
Ref. No.: 9100300002

### Installing a customised air distribution solution

If the HB 2500 is installed in the storage compartment, you can customise the air distribution to meet all your requirements perfectly using supplementary accessories. You can also concentrate all three air outlets in one place and then arrange them. Or you could distribute the vents inside so that the air stream is directed at particular places, such as the dining or sleeping area.

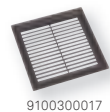
## + Required accessories for individual air distribution



9100300016



9100300018



9100300017



9100300015



9100300019






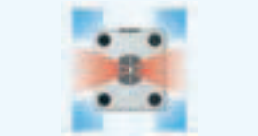


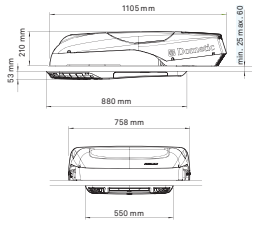
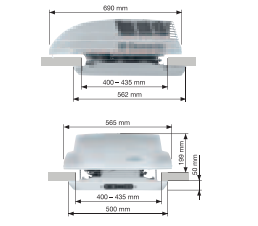
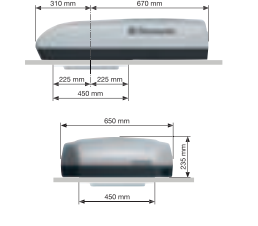
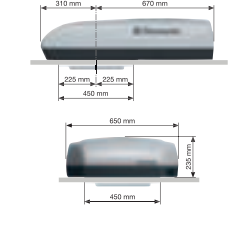
Air outlet grill kit  
3-pieces, Ø 60 mm  
Ref. No.: 9100300016

Circular air inlet grill  
2 pieces, Ø 190 mm  
Ref. No.: 9100300018

Rectangular  
air inlet grill  
240 x 240 mm  
Ref. No.: 9100300017

Curve  
90°, Ø 60 mm  
Ref. No.: 9100300015

Flexible hose  
Ø 60 mm x 10 m  
Ref. No.: 9100300019

Roof air conditioners				
Air conditioners	FreshLight	CA 1000	B 1100S	B 1500S
				
Ref. No.	9102900165	9100100003	9100100004	9100100005
Best for vehicle length (m)	max. 7	max. 5	max. 5	max. 6
Cooling capacity (watts/Btu/h)	2200/7500	1000/3400	1000/3400	1500/5200
Heating capacity (watts)	2700 <sup>*1</sup>	—	800	800
Consumption				
Cooling/heating mode (watts)	950/—	450/—	500/800	650/800
heat pump (watts)	1200	—	—	—
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 mode (A)	5,6/—	2,3/—	2,2/3,5	3,9/3,5
Heat pump (A)	6	—	—	—
Required circuit protection				
Cooling (A)	6	3	3	4
Heating (A)	6	—	4	4
Refrigerant	R407c	R134a	R134a	R407c
Size (W x H x D mm)	758 x 210 x 1105	565 x 199 x 690	650 x 235 x 980	650 x 235 x 980
Roof opening (W x D mm)	400 x 700	400 – 435 x 400 – 435	400 x 400	400 x 400
Roof thickness (mm)	25 – 60	35 – 50	25 – 45	25 – 45
Weight (kg)	42	22	29	33
Air distribution				
Number of air vents	2 (1 each front/rear)	4	1 (front)	1 (front)
Air vent functions	Continuous air flow regulation for all air vents	Can be closed separately, turned or tilted	Adjustable in tilt	Adjustable in tilt
Number of blower speeds	4	2	2	2
Remote control	●	—	—	—
Functions	Night-time control, timer, temperature pre-setting (+16°C to +31°C), automatic mode, cooling/heating, lighting on/off, ventilation	Temperature pre-setting (+17°C to +30°C), automatic mode, cooling	Thermostatic temperature control (+18°C to 40°C), cooling/heating, air circulation	Thermostatic temperature control (+18°C to +40°C), cooling/heating, air circulation
Test marks	E-approved to EMC / automotive directive	TÜV/GS, e -approved to EMC / automotive directive	E-approved to EMC / automotive directive	E-approved to EMC / automotive directive
Optional extras: Suitable generators	TEC 29, TEC 29LPG, TEC 30EV, TEC 40D, T 2500H, T 4000H	TEC 29, TEC 29LPG, TEC 30EV, TEC 40D, T 2500H, T 4000H	TEC 29, TEC 29LPG, TEC 30EV, TEC 40D, T 2500H, T 4000H	TEC 29, TEC 29LPG, TEC 30EV, TEC 40D, T 2500H, T 4000H
Optional extras: DC-Kits	2/3	1/3	—	—
Other accessories: Ref. No.	—	Protective cover 9100300004	Adapter set 9100300020	Adapter set 9100300020
				

<sup>\*1</sup> Maximum heating capacity = heat pump capacity.



## Under-bench air conditioners

## B 1600PLUS



9100100007

max. 6

1500/5200

800

620/800

—

230 volts AC/50 Hz

3,9/3,5

—

4

4

R407c

650 x 235 x 980

400 x 400

30 – 80

30



2 (1 each front/rear)

Continuous air flow regulation  
for all vents

4

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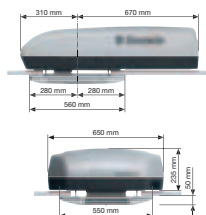
Night-time control, timer,  
temperature pre-setting  
(+16°C to +31°C), automatic  
mode, cooling/heating,  
lighting on/off

E-approved to EMC /  
automotive directive

TEC 29, TEC 29LPG,  
TEC 30EV, TEC 40D,  
T 2500H, T 4000H

2/3

—



## B 2200



9100100009

max. 7

2200/7500

1200

950/1200

—

230 volts AC/50 Hz

5,6/5,2

—

6

6

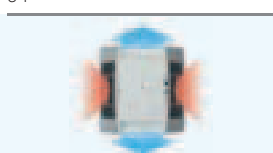
R407c

650 x 235 x 980

400 x 400

30 – 80

34



2 (1 each front/rear)

Continuous air flow regulation  
for all vents

4

•

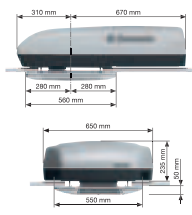
Night-time control, timer,  
temperature pre-setting  
(+16°C to +31°C), automatic  
mode, cooling/heating,  
lighting on/off

E-approved to EMC /  
automotive directive

TEC 29, TEC 29LPG,  
TEC 30EV, TEC 40D,  
T 2500H, T 4000H

2/3

—



## B 2600



9100100102

max. 8

2500/8500

3300 \*1

1200

1350

230 volts AC/50 Hz

7,9/—

5,2

8

8

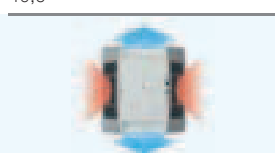
R407c

650 x 235 x 980

400 x 400

30 – 80

40,5



2 (1 each front/rear)

Continuous air flow regulation  
for all vents

4

•

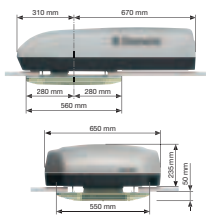
Night-time control, timer,  
temperature pre-setting  
(+16°C to +31°C), automatic  
mode, cooling/heating,  
lighting on/off

E-approved to EMC /  
automotive directive

TEC 29, TEC 29LPG,  
TEC 30EV, TEC 40D,  
T 4000H

4

—



## B 3200



9108555544 + 9108556585 \*2

over 8

3200/10900

1500

1350/1600

—

230 volts AC/50 Hz

7,9/8

—

10

10

R407c

737 x 245 x 1025

362 x 362

25 – 100

45


5 (1 each/rear/left/right/  
bottom)

Can be closed separately

3

—

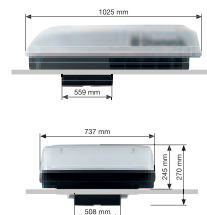
Thermostatic temperature  
control (18.5°C to 32.5°C),  
cooling/heating, air circulation

E-approved to EMC /  
automotive directive

TEC 29, TEC 29LPG,  
TEC 30EV, TEC 40D,  
T 4000H

4

—



## HB 2500



9100100010

max. 8

2500/8500

3000 \*3

900/1100

1100

230 volts AC/50 Hz

3,9/4,8

—

4

5

R410a

400 x 280 x 710

—

—

24,9


3 air outlets (optional) to be  
centrally or as required

3

•

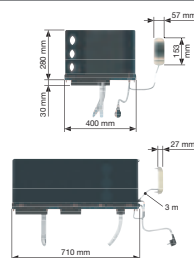
Clock, night-time control,  
timer, temperature pre-setting  
(+18°C to +30°C), automatic  
mode, cooling/heating

E-approved to EMC /auto-  
motive directive

TEC 29, TEC 29LPG,  
TEC 30EV, TEC 40D,  
T 4000H

3

—



\*2 Please provide both reference numbers when you place an order.

\*3 Maximum heating capacity = heat pump capacity plus heating resistor capacity



## NO LIMITS TO A PERFECT CLIMATE OPTIONAL EXTRAS FOR DOMETIC AIR CONDITIONERS

The Dometic air conditioning range gives you all the freedom you need: it offers you a customised solution for any installation setup, any level of comfort at any budget. Furthermore, optional extras adapted to the system guarantee you complete independence from an

external power supply. This way the appropriate Dometic generator takes over from the 230-volt mains when you want to get away from it all. A DC-Kit also enables you to run your air conditioner on the 12-volt car battery even while you are driving.

[More details on the next page](#)



## Pleasant air without a mains supply – generators

Are you searching for solitude? Do you feel most relaxed when you're far away from the hustle and bustle of everyday life? No problem. 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. Select the model that matches your system and then add a little extra capacity. Then your mobile power station can also run tools and domestic appliances or charge the vehicle batteries.



## Also operates while you are driving – DC-Kits

Treat yourself to the DC-Kit for your Dometic air conditioner, which lets you run it using the 12-volt car battery. Then your living space can be air-conditioned even more if an extra person or dogs are travelling with you. And when you get to your holiday destination, you can enjoy the perfect climate inside. The DC-Kit also includes a charging current distributor with low-voltage protection, which ensures optimal energy efficiency while driving. It regulates the power distribution between the starter battery, supply battery and the generator. At the same time, it prevents the overloading of batteries or onboard electronics.

## Juice for the air conditioner





- 230-volt mains at the campsite
- Off-mains power from a Dometic generator run on petrol, diesel or gas
- Mobile operation using DC-Kit from the 12-volt car battery



## Optional upgrades for air conditioners

## Generators

	TEC 29	TEC 29LPG	TEC 30EV	TEC 40D	T 2500H	T 4000H
						
<b>Ref. No.</b>	9102900200	9102900179	9102900033	9102900201	9102900005	9102900006
<b>Operating mode/fuel</b>	Normal ROZ 91 petrol	Gas: LPG containing at least 60% of propane	Diesel	Diesel	Normal ROZ 91 petrol	Normal ROZ 91 petrol
<b>Consumption</b>	max.1.2l/h	max.1.0kg/h	max.0.7 l/h	max.1.4l/h	max.1.2l/h	max.2.3 l/h
<b>Continuous output</b>	2600	2600	2500	3500	2000	3500
<b>Peak output</b>	2900	2900	2900	3900	2200	3800
<b>Output voltage</b>	230 volts AC ±1% (continuous)/pure sine wave ~	230 volts AC ±1% (continuous)/pure sine wave ~	230 volts AC ±1% (continuous)/pure sine wave ~	230 volts AC ±1% (continuous)/pure sine wave ~	230 volts AC ±10% (continuous)/pure sine wave ~	230 volts AC ±10% (continuous)/pure sine wave ~
<b>Short circuit protection</b>	●	●	●	●	●	●
<b>Max. starting current (A)</b>	33	33	33	45	24	41
<b>Sound level at 7 metres (dBA)</b>	54 – 59	54 – 59	60	64	60	62
<b>Soundproofed</b>	●	●	●	●	●	●
<b>Operation via external control panel</b>	●	●	●	●	●	●
<b>Test marks</b>	CE, E13	CE, E13	CE, E13	CE, E24	CE, E3	CE, E3
<b>Engine output (kW (PS))</b>	4.0 (5.5)	4.0 (5.5)	3.3 (4.5)	4.7 (6.4)	4.0 (5.5)	6.6 (9.0)
<b>Width with suspension (mm)</b>	580	580	572	765	640	775
<b>Size (W x H x D mm)</b>	480 x 290 x 385	480 x 290 x 385	465 x 465 x 466	765 x 457 x 467	530 x 290 x 385	660 x 355 x 480
<b>Housing finish</b>	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
<b>Weight (g)</b>	44.0	44.0	70.0	96.5	50.0	102.0
<b>Compatible with Dometic air conditioners</b>						
FreshLight	●	●	●	●	●	●
CA 1000	●	●	●	●	●	●
B 1100S	●	●	●	●	●	●
B 1500S	●	●	●	●	●	●
B 1600PLUS	●	●	●	●	●	●
B 2200	●	●	●	●	●	●
B 2600	●	●	●	●	—	●
B 3200	●	●	●	●	—	●
HB 2500	●	●	●	●	—	●

	Standard solutions		Comfort solutions	
	DC-Kit-1	DC-Kit-2	DC-Kit-3	DC-Kit-4
DC kits for 12-volt operation				
Ref. No.	9100300003	9100300001	9100300002	9100300044
Power consumption (12 Volt DC) (A)* <sup>1</sup>	30 – 40	100 – 150	30 – 113	100 – 150
Recommended generator capacity (A)* <sup>2</sup>	≥ 75	≥ 150	≥ 120	≥ 150
Recommended total battery capacity (Ah)* <sup>3</sup>	≥ 80	≥ 250	≥ 200	≥ 250
Continuous output (watts)	1000	1600	1500	2000
Size (W x H x D mm)				
Inverter	210 x 77 x 300	210 x 77 x 410	191 x 88 x 415	349 x 116 x 516
Mains priority circuit	—	—	190 x 80 x 80	—
Scope of delivery				
Inverter				
sine	—	—	•	•
sine similar output voltage	•	•	—	—
Mains priority circuit	•	•	•	•
+ 2 sockets	—	—	•	—
Remote control, control cable (m)	5	5	7.5	7.5
2 battery cables, 1.5 m long (mm <sup>2</sup> )	16	25	35	35
230-volt connection cable (piece)	1	1	2	2
Charging current distributor				
with relay	•	—	—	—
with power relay	—	•	•	•
Compatible with Dometic air conditioners				
FreshLight	—	•	•	—
CA 1000	•	—	•	—
B 1100S	—	—	—	—
B 1500S	—	—	—	—
B 1600PLUS	—	•	•	—
B 2200	—	•	•	—
B 2600	—	—	—	•
B 3200	—	—	—	•
HB 2500	—	—	•	—

\*<sup>1</sup> Power consumption depends on the type of air conditioner and ambient temperatures.

\*<sup>2</sup> Generator capacity depends on the type of air conditioner and ambient temperatures.

\*<sup>3</sup> Total battery capacity depends on the type of air conditioner and ambient temperatures.