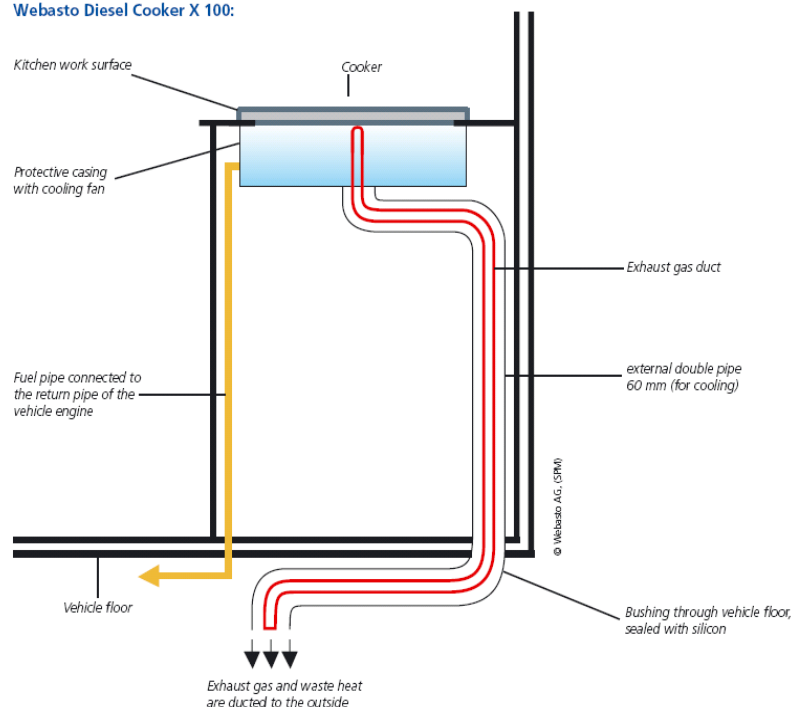


Installation diagram for the Webasto Diesel Cooker X 100:



The cooker can be installed without difficulty in most vehicles. The cooker is inserted from above into the recess in the kitchen work surface. The protective casing is fitted from below, and has an integrated cooling fan which ensures that the waste heat is ducted from the underside of the cooker to the outside via a flexible coaxial pipe.

Technical specifications for the Webasto Diesel Cooker X 100:

Cooking power (in W)	Voltage (in V)	Fuel	Fuel consumption (in l/h)	Power consumption (in A)	Warm-up time	Dimensions (WxDxDi) Ceran hotplate	Dimensions (BxDi) Protective casing	Weight (in kg)
900 - 1.800 (infinitely variable)	12	Diesel	0.09 - 0.19	0.43 A (5 Watt) max. when starting approx. 8 A for 6 min	~ 3 min	46 x 31 x 0.7	54 x 34 x 15 (2 cm Exhaust nozzle)	8 (Cooker unit) 1.5 (lower casing)

Ident-No. WA 90000A, available from October 2005

The C5 concept stands for comfort and convenience on the road - cosy warmth or refreshing coolness, together with total comfort from increased light and fresh air - all year round.



Advice · Installation · Service

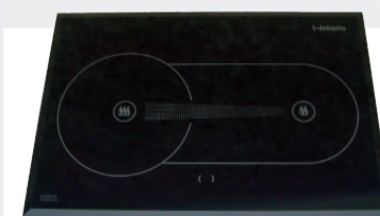
Webasto Product UK Ltd
Webasto House, White Rose Way
Doncaster Carr
South Yorkshire
United Kingdom
Phone: +44 (0) 1302 322232
Fax: +44 (0) 1302 322231
Email: info@webastouk.com

Camper vans Cookers

Cook safely and conveniently in your camper van with the Webasto Diesel Cooker X 100

In general, cooking in a camper van means cooking with gas. However practical this is, it is questionable in terms of design, cleanliness, and safety. And what happens when the gas cylinder is empty? Webasto has the solution: The Webasto Diesel Cooker X 100.

The heat source for this cooker is a diesel burner which is integrated into the cooker. This heats a CERAN® cooking surface which has room for two small pots or saucepans. Only the glass ceramic cooking surface is visible, and this is very robust and easy to care for, just like at home. Inside the van there is therefore no longer an open flame, and the exhaust is led to the outside – in the same way as Webasto heaters.



Webasto Diesel Cooker X 100
The elegant and clean solution to cooking in a camper van. Simple to use, and quick to clean



The control unit
Easy to use, with infinitely variable temperature preset, as well as an altitude switch for use in the mountains.

The product benefits of the Webasto Diesel Cooker X 100

- Suitable for all diesel-fuelled camper vans
- Elegant design
- Very safe thanks to absence of open flames
- Easy to use by means of control unit with installation adaptability
- Easy to clean
- Low current and fuel consumption
- Really quiet
- Exhaust exiting to the outside
- Hotplate displays residual heat
- High cooking power up to 1,800 Watt
- Even in the mountains it works dependably thanks to altitude compensation switch
- Robust, high-quality CERAN® cooking surface
- Rapid installation thanks to universal installation kit

The Product

Vision



Target is the „Gas Free Camper“

- **Safety:**

Gas is considered as a dangerous source of energy by many customers. Leaks in the system can cause explosions or suffocation.

- **Availability:**

Gas bottle connectors are different throughout the world. A customer on international trips has problems
a) finding gas bottles b) finding bottles with the right connections

- **Life cycle costs:**

Gas is more expensive than diesel (based on the same heat output)

Gas systems need to be checked regularly by an authorized workshop, which causes service costs.



	Past	Present	Future
Heater	Gas	Diesel	Diesel
Cooker	Gas	Gas	Diesel
Hot water production	Gas	Gas (Diesel)	Diesel
Fridge	Gas	Gas	not Gas

 **Gas Free Camper**

The cooker is a key component to make the “Gas Free Camper” reality.

Notes

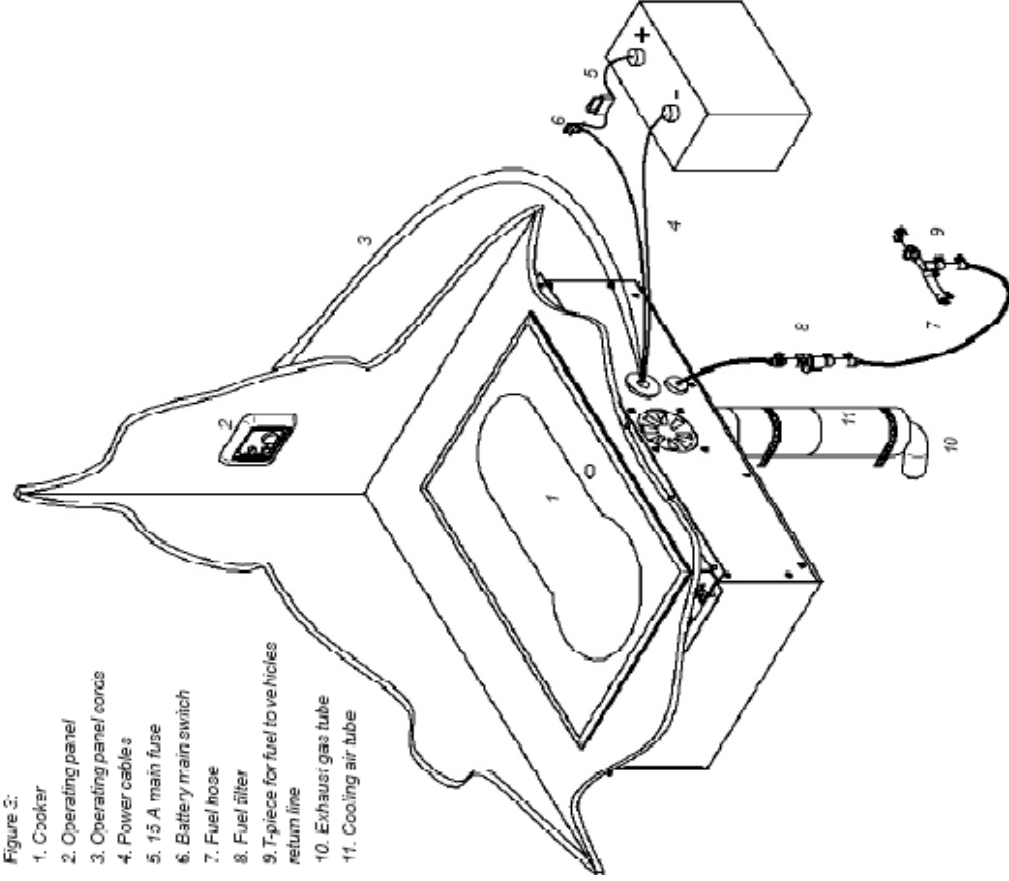
Scope of delivery

WA 90 000 A Diesel Cooker X100 Aftermarket Kit

Name	pcs	unit
Diesel Cooker X 100 Basic Unit	1	pcs
Fuel line M/ecanyl	4,0	m
Fuel filter	1	pcs
Fuel hoses	3	pcs
T piece fuel extractor	1	pcs
Clamps fuel line 10mm	6	pcs
Clamps fuel line 12mm	2	pcs
Exhaust tube stainless steel 28mm	1,9	m
Exhaust tube clamp for 30...33mm	1	pcs
Cooling tube APK, 60mm	1,2	m
Clamps Cooling tube 60mm	1	pcs
Hose clamp Di 33mm	2	pcs
fuse bracket	1	pcs
fuse 15A	1	pcs
fuse cover	1	pcs
Secondary Lock	1	pcs
Fuse contact	2	pcs
Installation instruction	1	pcs

Figure 3:

1. Cooker
2. Operating panel
3. Operating panel cords
4. Power cables
5. 15 A main fuse
6. Battery main switch
7. Fuel hose
8. Fuel filter
9. T-piece for fuel to vehicles return line
10. Exhaust gas tube
11. Cooling air tube



The Product

Advantages of a "Gas Free Camper"



2. Safety

Ever thought about gas leaks in your camper?



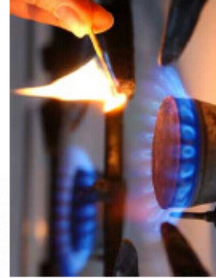
3. Inspection

You like spending money every two years on your gas system inspection?



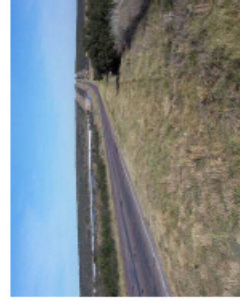
1. Comfort

Do you feel safe with an open flame in your vehicle?



7. Availability

Do you know where to find gas bottles here?



6. Flexibility

Did you ever try to change your bottles in a foreign country?



5. Space

Could you think of something more useful to put here?



4. Weight

Ever wondered why gas bottles need to be so heavy?



The Product

Sales arguments

- Suitable for all diesel-fuelled campers
- No Gas for cooking needed
- Elegant design
- Safe thanks to absence of open flames
- Easy to operate
- Easy to clean
- Low current and fuel consumption
- Very quiet
- Exhaust is ducted outside the vehicle
- Hot plate indication light
- High cooking power up to 1900Watt
- Even in the mountains it works reliably thanks to a “mountain switch”
- Robust, high quality CERAN® cooking surface
- Rapid installation thanks to universal installation kit



Operation Overview

The Webasto Diesel Cooker X100 is a safe diesel cooker with no open flame. The exhaust gases are led out of the vehicle through the exhaust gas tube, which is inside the cooling air tube. The steam from the exhaust gas will not stay in the vehicle to add humidity.

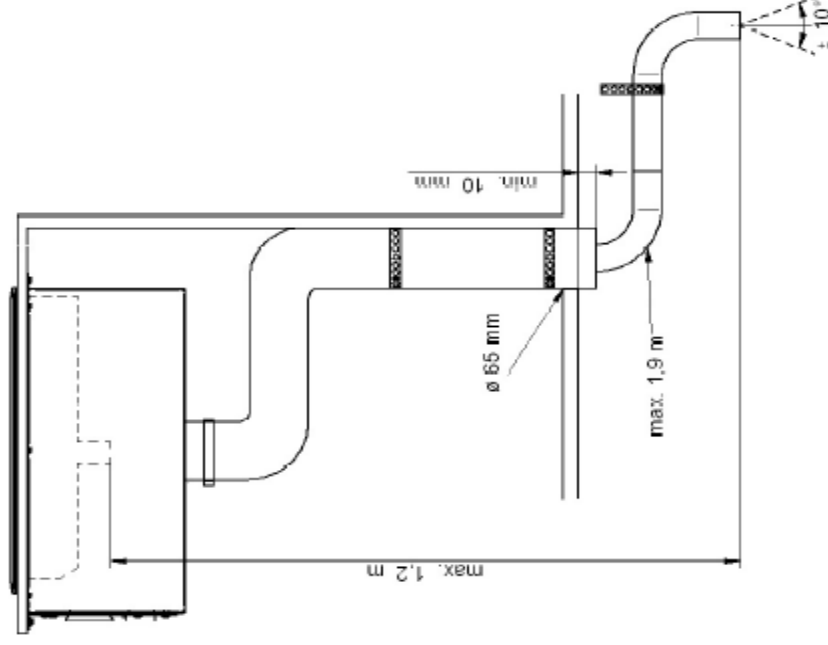
As the diesel fuel burns, the released heat is transferred to the ceramic plate. The hottest area is on the round plate. Gentler heat is available on the oblong extension. The heat power is steplessly adjustable.

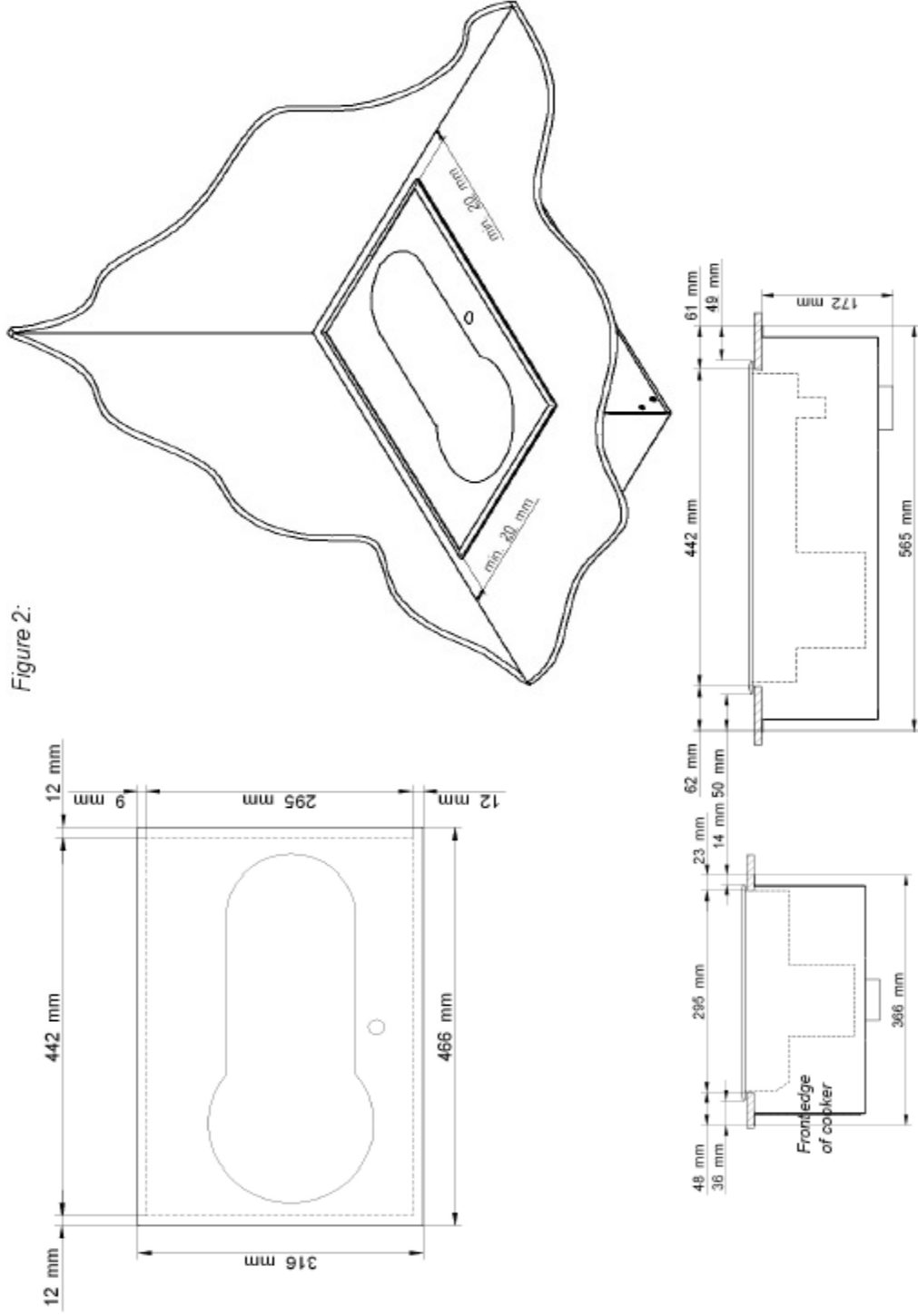
A cooling fan in the ventilation box ensures that the temperature in the mounting space will not rise too high. The warm air is led out through the cooling air tube.

The cooker is ideally suited for cooking and heating of all kinds of food. The cooker is made entirely of stainless materials.

Cooking

Use cooking pans suitable for ceramic cooking plates. The bottom of the ideal cooking vessel should be slightly concave when it is cold, so that thermal expansion makes it flat on the stove and heat energy is best transferred to the vessel. The ideal thickness of the bottom of a cooking vessel is 2-3 mm for steel enamel vessels and 4-6 mm for steel kettles with a sandwich bottom.





The Product Operation



- The cooker has a separate operating panel, which is installed near the cooker.
- To switch the unit on, simply press the ON button, the yellow LED lights up. The cooker will automatically start up its operation. As soon as the combustion process has started, the red LED for the burner also lights up.
- To regulate the heat, turn the dial for a stepless adjustment between levels 1 and 6
- To switch off, press the ON button again. The cooker will start the shut down process. The combustions fan keeps running for several minutes till the burner has cooled down. The ceramic plate will slowly lose its heat. An separate light in the ceramic plate indicates, whether the plate is still hot.
- Altitude function: If using the cooker in high altitudes >1800 m, the altitude mode should be selected to enable a correct combustion process. Simply press the MOUNTAIN button before switching on the Cooker. The orange LED lights up. The combustion air fan will provide more air into the burner. Pushing the button during the operation of the cooker has no effect.



The Product

Key technical data

- Fuel: Diesel
- Voltage: 12V (10,7 - 15V)
- Electrical power consumption: max. 0,3A , 8A during start up for 4 min.
- Dimensions:
 - length: ceramic plate 46,5 cm bottom housing 56,5 cm
 - width: ceramic plate 31,6 cm bottom housing 36,6 cm
 - height: ceramic plate 0,5 cm bottom housing 17,2 cm
- Weight: ~8 kg
- Cooking power adjustable: 0,9 kW to 1,9 kW
- Cooking surface: One large cooking plate, which is hotter on the left side than on the right side. Left and right cannot be controlled separately
- Surface temperature: ~ 550 °C max.
- Fuel consumption: 0,09 to 0,19 l/h
- Heat up time: ~3 min.

