

Diesel Cooker x100

Operating and Maintenance Instructions



Webasto Diesel Cooker X100

Dear Webasto customer,

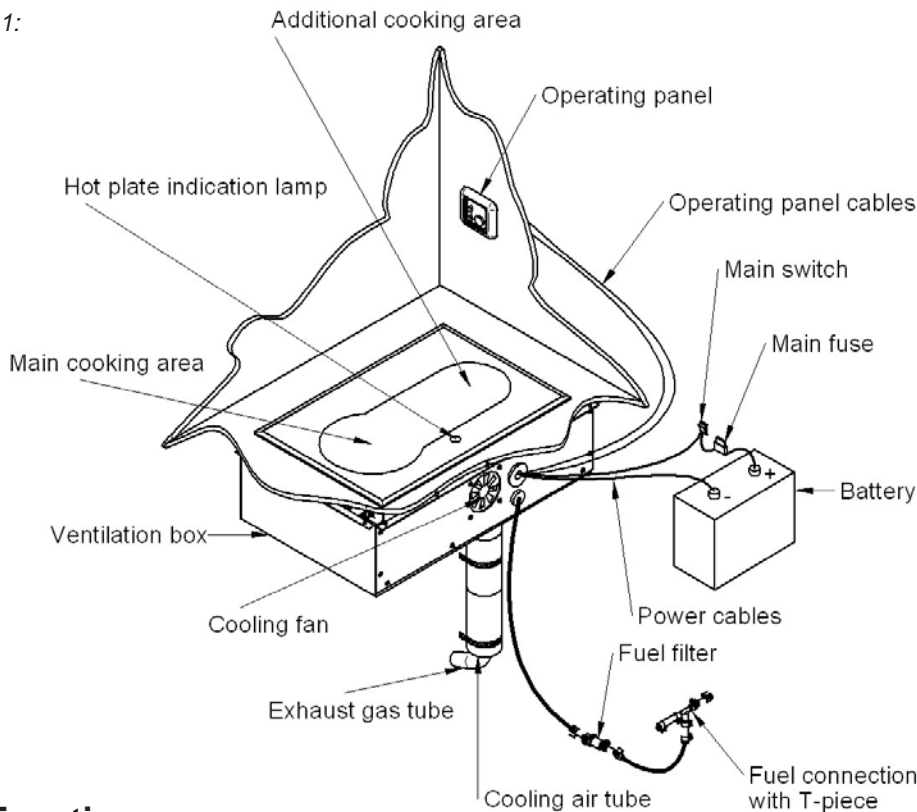
Congratulations for buying the Webasto Diesel Cooker X100. You have purchased a high-quality Webasto product which will provide you with great satisfaction when cooking in your mobile home

Before using the cooker, please get familiar with the operation of the device and carefully read the operation instructions.

1 Overview and function

1.1 Overview

Figure 1:



1.2 Function

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 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.



Webasto Diesel Cooker X100

2 Use of the cooker

2.1 Start

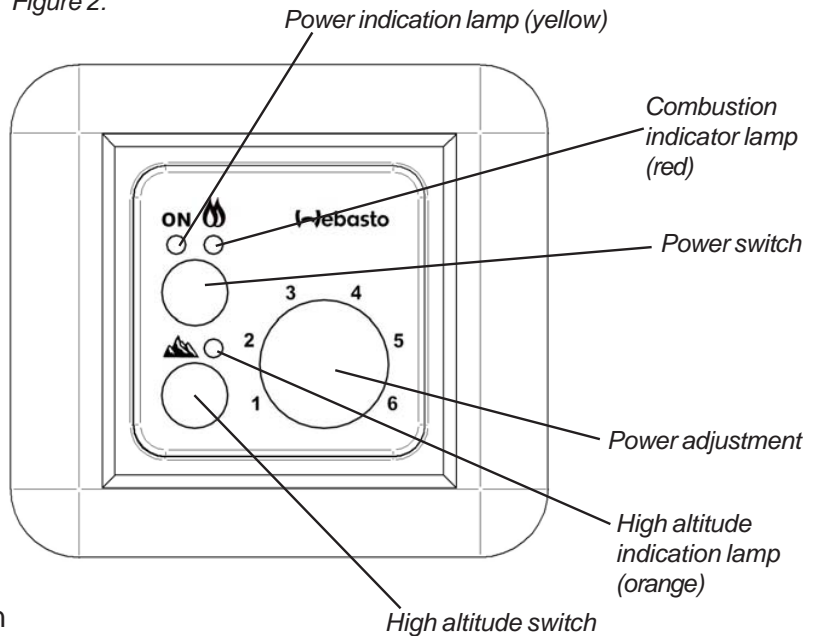
The cooker starts to heat up automatically when the power button is switched to ON position. The yellow indicator lamp lights up as soon as the cooker is switched on. The red combustion lamp will light up when the combustion is stabilized in the burner, about 2.5-4 minutes after the start-up.


Please note:

The cooker may not start the first attempt after installation if the fuel hose is empty. If the cooker fails to start the combustion light starts to blink about 4.5 minutes after the start-up. Turn the power switch to OFF position. The cooker cannot be restarted until both indicator lamps have gone out (run down phase).

Once the indicator lamps have gone out, restart the cooker. The combustion lamp will light up about 2.5-4 minutes after the start-up, when the combustion is normal.

Figure 2:



 **The cooker locks itself after two unsuccessful starts.**
If the device will not start, even though the fuel has reached the pump, do not try to start it more than twice without checking the cause of the problem.

 **Never keep the cooker on without cooking.**


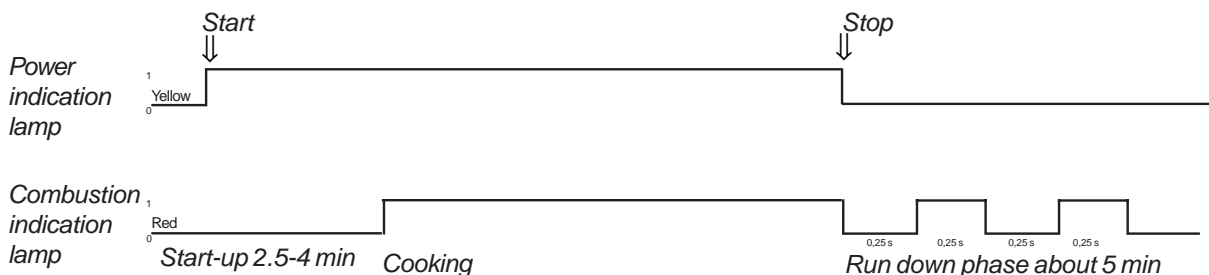
 **For safety reasons do not use the cooker when the vehicle is moving.**
Make sure that the vehicle is ventilated while cooking.

Figure 3: Signal lights of operating panel during normal operation



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2.2 Adjustment

After starting, the heating power can be adjusted. You should avoid unnecessary, quick adjusting back and forth, as it gathers soot in the burner.

2.3 Turn off

Turn the power switch to OFF position to shut down the cooker. The red combustion lamp will keep blinking for about 5 minutes while the cooker is in run down phase. You cannot restart the cooker until the combustion lamp has stopped blinking.

2.4 High altitude function

Because of changing air density in different altitudes, the cooker is used with high altitude parameters at altitudes of over 1800 m above sea level. Press the high altitude button down when the cooker is still in OFF position. Now the orange high altitude indication lamp lights up. Switch the cooker ON normally. After switching the cooker OFF, press the high altitude button again to the off position when you drive under 1800 m.

2.5 Hot plate indication lamp

An orange hot plate indication lamp lights on the lower edge of ceramic plate when the plate is hot. The hot plate indication lamp will light up immediately after the start. The lamp will remain on for 50 minutes ($\pm 10\%$) after the cooker has been turned off.



Exhaust gas is hot. Always make sure that there is no inflammable material within 200 mm after the exhaust outlet.



The air inlets and outlets must never be covered.



Never cut the power from the cooker before the run down phase has been completed.



Before starting up the cooker at altitudes below 1800 m make sure that the high altitude button is not pressed down.



The Cooker must be switched off at filling stations and tank farms because of the risk of explosion.

Wherever inflammable vapours or dust may form, the cooker must be switched off because of the risk of explosion.



The cooker may not be operated in enclosed spaces, such as garages, as a result of the rise of poisoning and asphyxiation.

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2.6 Ceramic plate

We recommend you only use cookware with a level bottom in order not to scratch or damage the cooking plate. If you use the cold plate as a worktop, wipe it carefully afterwards. Even a small hard crumble can scratch the plate when a kettle is placed over it. Minor scratches in the cooking plate do not, however, affect the heating properties of the stove in any way.

2.7 Cooking dishes

Use cooking dishes suitable for ceramic cook plates. The bottom of the ideal cookware should be slightly concave when it is cold, so that thermal expansion makes it flat on the stove and the heat energy is transferred to it.

The ideal thickness of the bottom of the cookware is 2-3 mm for steel enamel pieces and 4-6 mm for steel kettles with sandwich bottoms.



Do not drop anything onto the ceramic plate or its edges, because it might break.



Do not place any items of clothing, textiles or similar materials over the ceramic plate when it is hot.



Exhaust tube radiates heat. Beware of the hot surface of the tube during use.



Use Webasto Diesel Cooker X100 only for cooking. It is not a heater.

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3 Servicing

3.1 Cleaning

In order to keep your cooking plate tidy and easy to use, you should clean it regularly, preferably after every time it is used. First remove the scraps with a spatula. Pour a few drops of detergent intended for ceramic plates on the cold plate and wipe it with a paper towel. Rinse the plate and wipe it dry with a clean cloth. Do not use a scratching sponge or scrubbing agents. You should also avoid strong chemical detergents, such as oven cleaning spray or spot removers.

Clean any melted aluminium foil, plastic, sugar or mixture containing sugar from the hot plate immediately to avoid damage to the surface.

Before cooking anything containing lots of sugar, the plate should be wiped with a protective agent to prevent any damage to the surface if the food boils over.

3.2 Basic maintenance

The cooker shall be serviced every two years by an authorized service center.

In case of intensive use, replace the fuel filter once a year.

Cooker uses diesel fuel. Follow the requirements of the engine manufacturer in choosing the fuel type. If required by the engine, you can add anti-freeze agent suited to the engine in correct mixing ratio to bind water from the fuel.



If you clean your vehicle with a high-pressure washer, be careful not to spray water into the exhaust tube below the vehicle.

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3.3 Signal lights in case of malfunctions

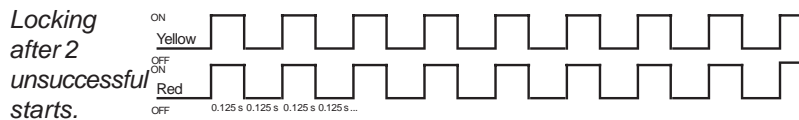
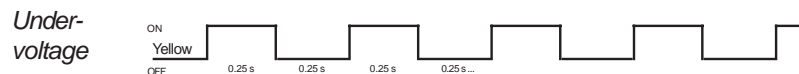
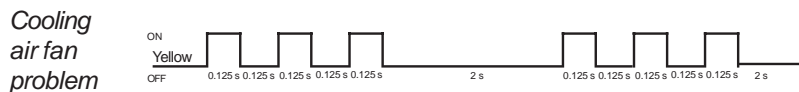
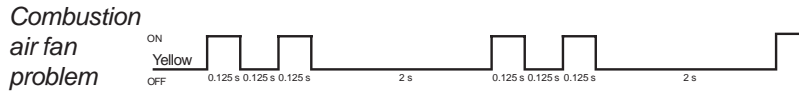
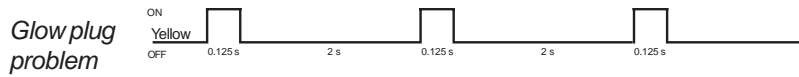
In case of malfunctioning the yellow and red lamps on the operating panel indicate a possible failure type.

Depending on the failure type please check the following:

1. Are the batteries sufficiently charged? The stove needs at least 10.7 V for the start up.
2. Does the fuel hose carry fuel?
3. Is the cooling air fan running freely without blockage?
4. Does the cooling fan get enough air from inside the vehicle?

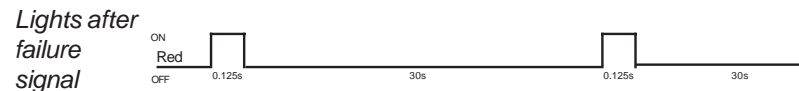
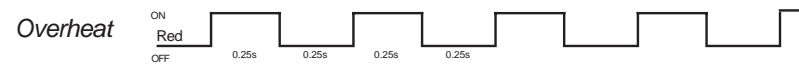
If the cooker still does not start after a restart, you should contact an authorized Webasto service center for assistance.

Figure 4: Signal lights in case of malfunctions.



Opening the locking:

1. Switch the power ON (lock blinking).
2. Disconnect the main power cord (blinking stops).
3. Reconnect the main power cord (the yellow LED lights up for 1-3 seconds).
4. When the yellow LED has gone out, switch the power OFF.



The red lamp begins blinking when failure signal has lasted for 5 minutes.



In the event of long lasting heavy smoke development, unusual combustion noises or a smell of fuel or if the cooker suffers continuous fault cutouts with error messages, it must be put out of service by removing the fuse and must not be reused until it has been inspected by an authorized Webasto repair center.

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4. Warranty terms

Manufacturer is liable for any raw material and manufacturing defects for 24 months from the purchase date on the following conditions.

1. The defect must be reported as soon as it appears. A valid purchase receipt is required.
2. The warranty covers material and manufacturing defects, provided that the manufacturer's instructions for installation and use have been followed.
3. For repairs under warranty, the customer shall deliver the device to the nearest Webasto retailer or authorised maintenance shop. After-sales service will not be carried out in the field or in the vehicle.
4. The warranty is not valid, if parts of foreign origin have been added to the device or its structure has been altered without the manufacturer's consent.
5. Faults or defects caused by natural wear and tear (fuel filter, bottom mat, fuel pipe), incorrect handling, unsuitable fuel, undervoltage, overvoltage or water damage do not entitle to warranty claims.

6. Repairs carried out during the warranty period do not renew or change the original warranty period.

7. In order to be able to provide high-standard services, the retailer has to keep up a register of buyers for any technical information, adjustment or updating needs after the warranty period, so that the buyers can be reached if required.

8. Warranty will be valid in vehicle installation, it will not be valid in boat installation.



Claims can only be made if it can be verified that the claimant has complied with the servicing and safety instructions.

Failure to follow the installation, operation and service instructions and notes contained therein will lead to all liability being refused by Webasto.

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