

PELLETSHEIZUNGEN

HAPER



Maintenance instructions
Touch internet 15kw

Please note:

These maintenance instructions do not contain any general safety-relevant checks; these must be carried out separately in accordance with the applicable national regulations!

Preliminary discussion with heating operator:

Have the heating operator switch off the boiler at least three hours before service begins

Preparation:

Boiler must be in standby (information window)

Remove the boiler from the power (emergency stop switch/fuse)

Cleaning the heat exchanger:

Remove the fairing cover



Loosen screws

Disconnect the cable from the display

Lift off the fairing cover

Induced draft fan and lambda sensor on the two
Disconnect white plug





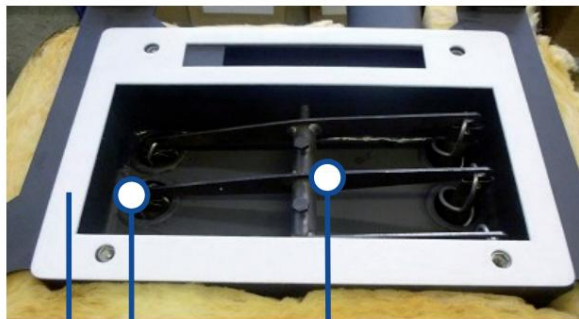
Remove insulation



Loosen 4 screws

Lift off the boiler lid

First vacuum the ash with an ash vacuum cleaner
Ash deposits from the area



Check that the lifting basket is firmly seated

Check heat exchanger pipes for blockages

If necessary, place a new seal on the boiler lid (item no. 7089)

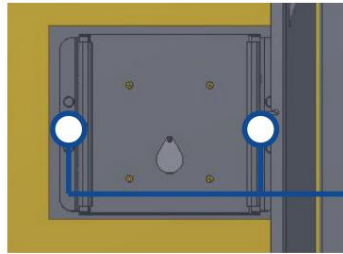
Put on the boiler lid and tighten the screws evenly
(Coat screws with copper paste)

Reconnect the lambda sensor and induced draft fan (2 white plugs)

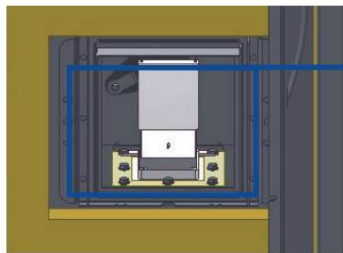
Put the insulation back on

Install the fairing cover

Cleaning the combustion chamber



Open the burner door



Clean the combustion chamber

- Brenner Cathedral
- Burner insert
- Pellet chute
- Secondary air holes
- Burner grate

After cleaning, check the burner for damage.

If parts of the burner are damaged, remove the burner and replace damaged parts.

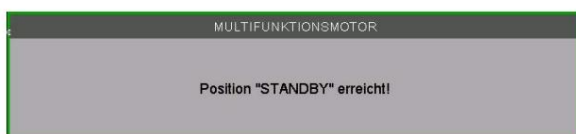
Functional test of the butterfly valve

To do this, connect the system back to the power grid

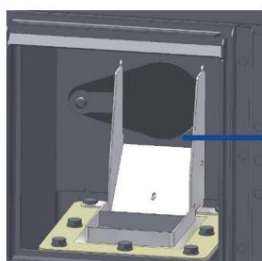
press on the touch display:



Wait until the boiler displays



Now you can check the flap



Completely closed

RE² tip: If the flap doesn't close like on
Picture you can see the lifting rod of the
Adjust the multimotor so that it closes
again

Check ignition rod

To check, press on the display:

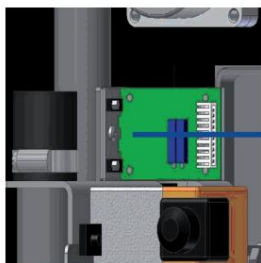


Ignitions: >3000

It is recommended to change the ignition rod if the display shows more than 3000 ignitions (Art. No.: 7005.00)

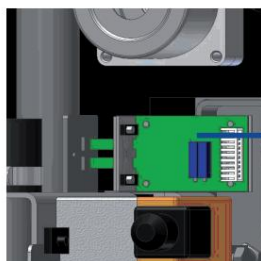
RE² Tip: If you don't know whether the meter was last replaced has been reset, the displayed value may be incorrect. Resetting the counter only works with a service USB stick

Clean air mass sensor

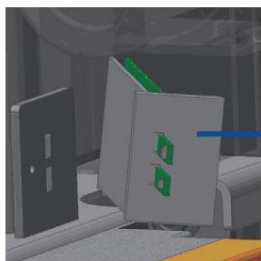


Loosen air mass sensor screw

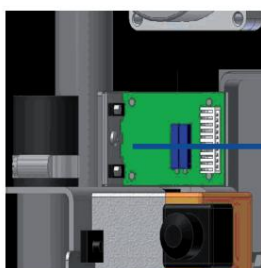
ATTENTION: Screw in the middle!



Carefully pull out the air mass sensor

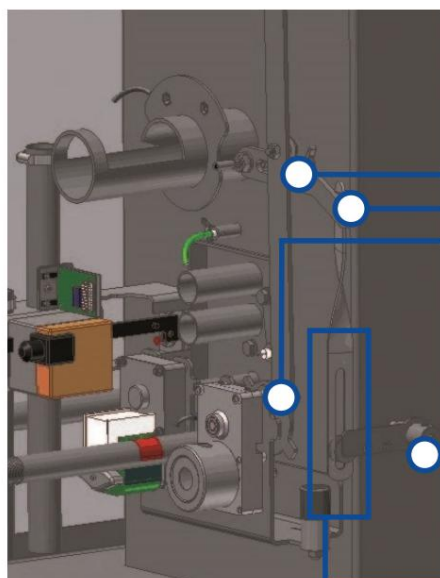


Clean measuring pins carefully (with a soft brush)



Carefully insert the sensor and screw it on

Lubricate multifunction linkage



RE² tip: Using copper paste spray is easier and quicker

Lubrication points (coat with copper paste)

Test the burner flap for functionality, if necessary.

remove and lubricate

Do not lubricate the slot

Air mass sensor test

Press on the touch display



Activate the heating air mass sensor parameter

The displayed "air mass value" value indicates the chimney draft. When the boiler door is open, the value should be below 70.

Close the boiler door, the ash drawer/box and the Container lid! The value should now be above 70 and below 105

Set the exhaust fan value on the display to 255. Wait at least 10 seconds. The "air mass value" value should now be between 200 and 350.

RE² tip: If the test is negative, check the boiler leaks, blockages, whether the induced draft fan is running and the air mass sensor is installed/screwed on correctly.

Functional test:

(Go through the manual functions one by one and check all analog and digital inputs/outputs)

Press on the touch display:



All digital outputs have been checked



Test filling process has been carried out



All analog inputs have been checked



All digital inputs have been checked



Check all analogue/digital inputs and
Energy management outputs

Finally, start the boiler. Wait until the pump (boiler circuit, buffer loading, heating circuit pump) that supplies the boiler switches on and the combustion chamber temperature is over 250 °C.

(The flame has gone out at 250°C safety temperature)

RE² Tip: If the boiler does not have an automatic request, you can trigger manual boiler loading, for example

Possible repeated instructions for the system operator

Storage room filling - system must be in STANDBY explained

Display functions explained

Ash drawer emptying, START-ASH PROGRAM explained

Operation of the room controller explained

Discuss heating times and temperatures (energy management) with the customer and adjust if necessary.

Record maintenance in the service booklet