

Installation Manual

Please read carefully
prior to installation and servicing.

SAVE THESE INSTRUCTIONS



PELLETRONIC ONLINE

VERSION 1.7

ENGLISH — USA



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Subject to modifications

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1 Dear Customer

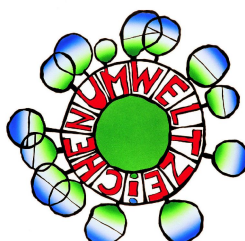
MEco is specialist in pellet heating, licensed by ÖkoFEN.

Expertise, innovation and quality from a single source. It is based on this tradition that MEco takes on future challenges. We are delighted that also you have decided to purchase a MEco product.

- This instruction manual is intended to help you operate the product safely, properly and economically.
- Please read this instruction manual right through and take note of the safety warnings.
- Keep all documentation supplied with this unit in a safe place for future reference. Please pass on the documentation to the new user if you decide to part with the unit at a later date.
- During installation and/or first start up the service engineer must carry out the following work.
- The installation has to be performed by a qualified installer.
- Please contact your authorised dealer if you have any questions.



MEco places great importance on the development of new products. Our R&D department continues to question accepted solutions and works continually on new improvements. That is how we maintain our technological lead. We have already received several awards for our products in Austria and abroad. Our products fulfil European and USA requirements regarding quality, efficiency and emissions.

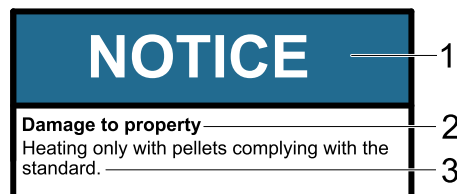


2 Types of safety warning sign

The warning signs use the following symbols and text.

Types of safety warning sign

1. Risk of injury
2. Consequences of risk
3. Avoiding risk



1. Risk of injury:

Danger - indicates a situation that could lead to death or life-threatening injury.



Warning - indicates a situation that could lead life-threatening or serious injury.



Caution - indicates a situation that could lead to injury.



Note - indicates a situation that could lead to property damage.



2. Consequences of risk

Effects and consequences resulting from incorrect operation.

3. Avoiding risk

Observing safety instructions ensures that the heating system is operated safely.

3 Product Description

Pelletronic online facilitates remote maintenance at any time and from anywhere via the Internet. You monitor and operate the pellet heating system by PC via the remote maintenance website. You can check and set the parameters for the heating controller and the pellet boiler via this password-protected remote maintenance website. Furthermore, you can receive messages by e-mail, display system data and archive this data.



3.1 Installation Requirements

The following **requirements** must be met before you can operate your pellet heating system with **Pelletronic Online**:

1. The Pelletronic Plus weather-driven heating controller controls your heating system. The software version of Pelletronic Plus must be 2.27 or higher.
2. Visualisation and control of the Pellematic CMP is possible with boiler controller CMP 6.2B and the software version 6.36. The heating controller and the CMP boiler controller must be connected via the RS485 bus.
3. Internet connection or mobile phone reception for mobile Internet for the web server.
4. PC with Windows 2000, XP, Server 2003 or Vista operating system, Internet connection, RAM: 512 MB, CPU: Pentium IV and a graphics card with 1024x1280 px resolution;
5. Pelletronic SMS remote maintenance sets and Pelletronic online remote maintenance sets are mutually exclusive.
6. Pelletronic online remote maintenance set.

3.2 Scope of Supply for Pelletronic Online Remote Maintenance Set

The Pelletronic online remote maintenance set comprises:

- RS232 adapter set (piggyback board for the operating device)
- Connecting cables
- Web server

3.3 System Description

The remote maintenance website runs on the web server included in the scope of supply that receives data from the Pelletronic Plus via the RS232 interface! The web server can only be connected to the Internet using a network cable! Furthermore, an IP, NM (net mask) and GW (gateway) must be assigned to the web server (see **Settings on the Operating Device**). In the router settings (router via which you access the Internet - not included in the scope of supply) the port: 8888 must be forwarded to the IP address of the web server!

If the Internet port to which the web server is connected does not have a fixed IP address, a host name via which you access the remote maintenance website must be allocated via a DynDNS service (www.dyndns.com). The DynDNS settings must either be stored in the router (if the IP changes frequently) or set in the web server (only possible if www.dyndns.com was used).

4 Internet Connection

The Internet connection is not included in the scope of supply. It must be implemented by a qualified network technician. This involves:

- Provision of an Internet connection:
Connect the web server to the router using the network cable (RJ45).
- Assignment of an IP address, NM (net mask) and GW (gateway) to the web server.
See 6.2 Settings on the Operating Device
- Forwarding port 8888 to the IP address of the web server (router settings).
- If the Internet connection from the web server does not have a fixed IP, DynDns (DDNS) must be established (the DDNS login is performed on the Internet; input of the DDNS login data on the router).

4.1 MEco Example of an Internet Connection via UMTS Router

Description of the Internet connection via UMTS router and exemplary procedure for initial setup.

Hardware:

ÖkoFEN has tested the EDIMAX wireless 3G-6200n broadband router and the A1 broadband stick E1550 HSDPA.

4.1.1 EDIMAX Update

Download latest software

Always use an EDIMAX with the latest software. If the EDIMAX is not equipped with the latest software, you must perform an update. Download the latest software/firmware for the EDIMAX 3G6200N. This can be found at the EDIMAX homepage: www.edimax-de.eu.

Logging in to the EDIMAX router

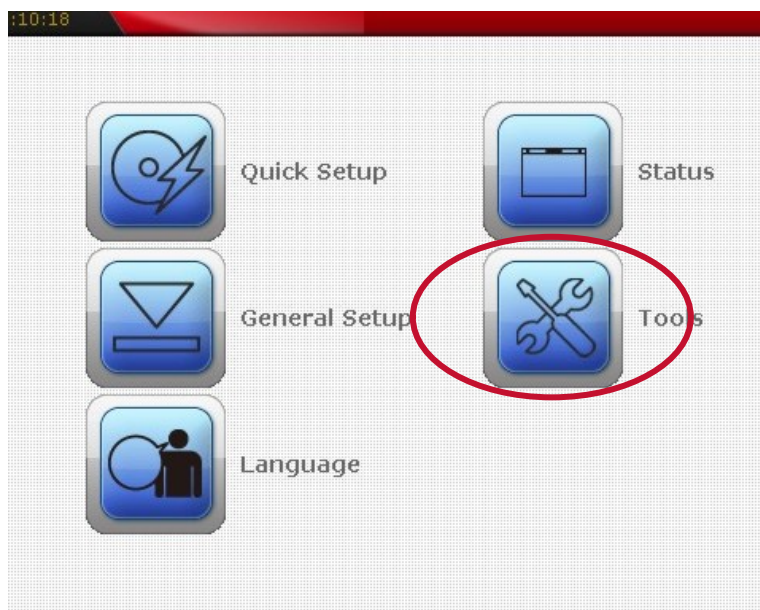
1. Connect the EDIMAX router to the PC using a network cable.
2. Plug the A1 broadband stick E1550 HSDPA into the rear of the router.
3. Plug in the EDIMAX router.
4. Open the web browser, e.g. Internet Explorer.
5. Enter the IP address of the router in the address line: See EDIMAX manual: **Internet Configuration**.
6. Log in by entering your **User name** and **Password**: See EDIMAX manual: **Internet Configuration**
7. Click on **OK**.

Updating the router

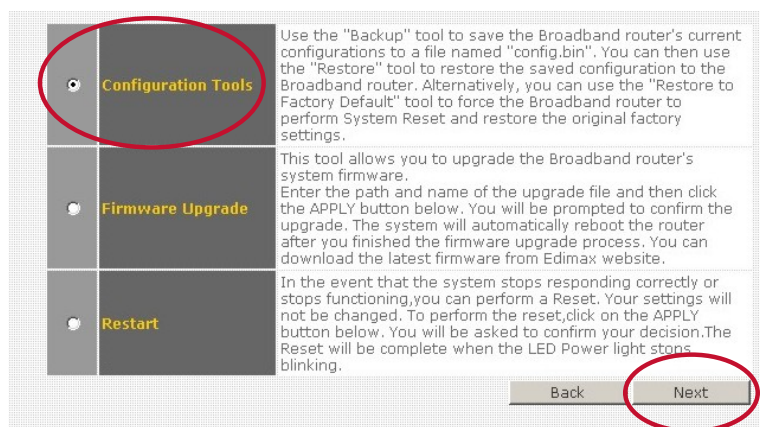
Follow the update procedure specified in the supplied EDIMAX manual: **Firmware upgrade**

4.1.2 Restore EDIMAX Default Settings

1.



2.



3.



4.1.3 EDIMAX Internet Configuration

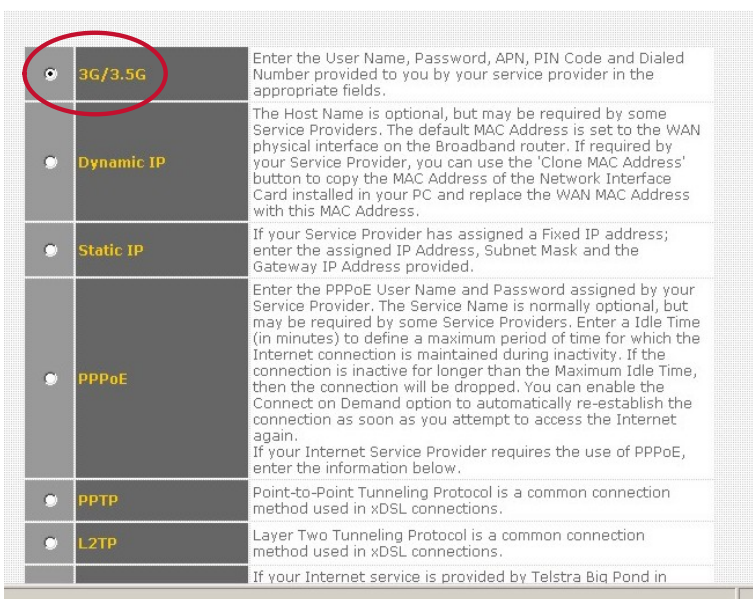
1.



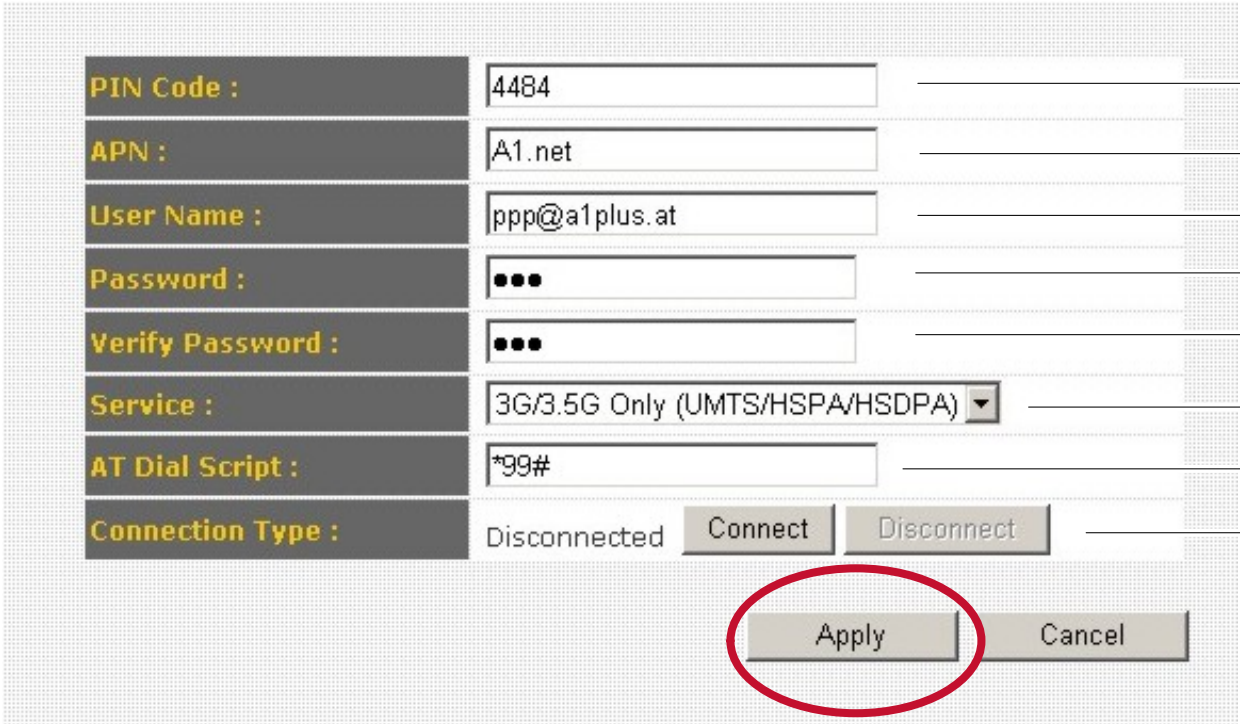
2.



3.



4.



PIN Code :	4484	1
APN :	A1.net	2
User Name :	ppp@a1plus.at	3
Password :	...	4
Verify Password :	...	5
Service :	3G/3.5G Only (UMTS/HSPA/HSDPA)	6
AT Dial Script :	*99#	7
Connection Type :	Disconnected	8

Buttons: Connect, Disconnect, Apply, Cancel

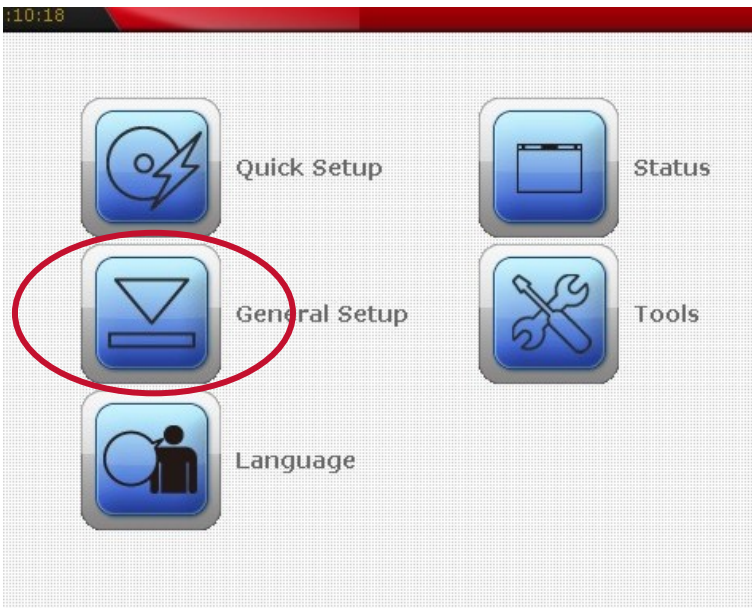
- 1 Enter the PIN code of the Internet service provider's SIM card. Here A1 broadband stick
- 2 Setting depends on Internet service provider. Here A1
- 3 Setting depends on Internet service provider. Here A1
- 4 Setting depends on Internet service provider. Password of A1: ppp
- 5 Enter the password again to confirm.
- 6 Do not change the existing settings.
- 7 Do not change the existing settings.
- 8 Do not change the existing settings.

Note:

Confirm the settings by clicking **Apply**. The settings will otherwise be lost.

4.1.4 EDIMAX Port Forwarding

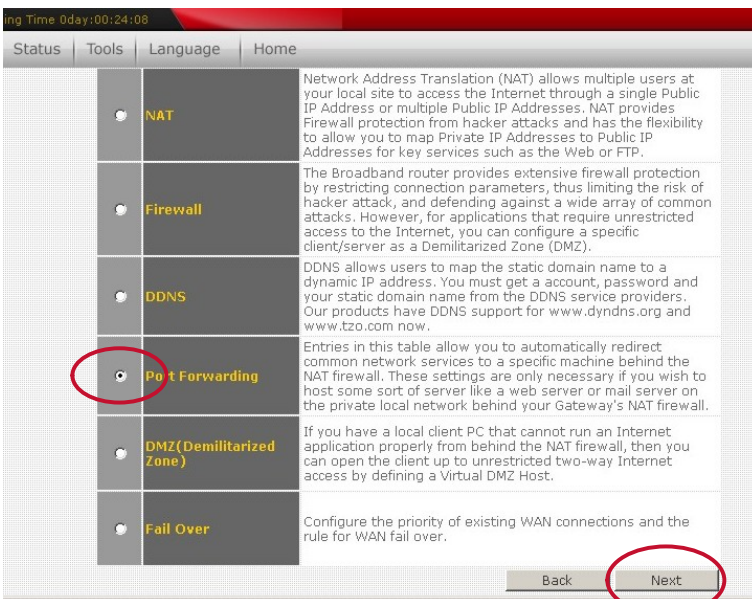
1.



2.



3.



4.

The screenshot shows a web interface for configuring port forwarding. At the top, there is a checkbox labeled 'Enable Port Forwarding' (callout 1). Below it is a form with several fields: 'Private IP' (callout 2), 'Computer name' (callout 3), 'Type' (callout 4), 'Port Range' (callout 5), and 'Comment' (callout 7). The 'Port Range' field is split into two sub-fields. There are 'Add' and 'Reset' buttons below the form. Below the form is a section titled 'Current Port Forwarding Table:' which contains a table with the following data:

NO.	Computer name	Private IP	Type	Port Range	Comment	Select
1	OFFLINE	192.168.2.253	TCP+UDP	8888	fernwartung	<input type="checkbox"/>

Below the table are buttons for 'Delete Selected', 'Delete All', 'Reset', 'Apply' (circled in red), and 'Cancel'.

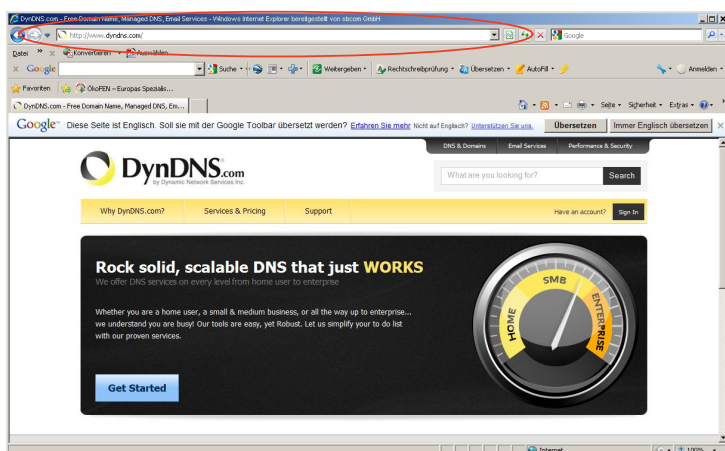
- 1 Click on **Enable Port Forwarding**.
- 2 Enter the IP address that you entered in the web server via the operating device.
- 3 Do not change the existing settings.
- 4 Do not change the existing settings.
- 5 Enter **8888**.
- 6 Enter **8888**.
- 7 Whether or not you enter anything here is of no significance.

Note:

Confirm the settings by clicking **Apply**. The settings will otherwise be lost.

4.1.5 Creating an host address at Dyn DNS

1.



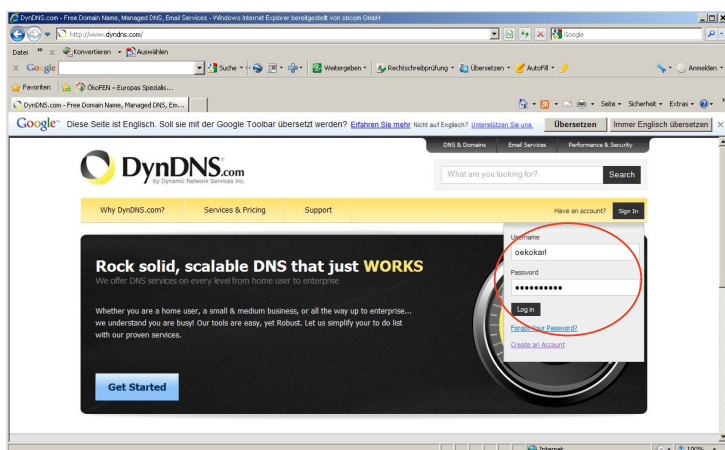
Enter the following address:

http://www.dyndns.com

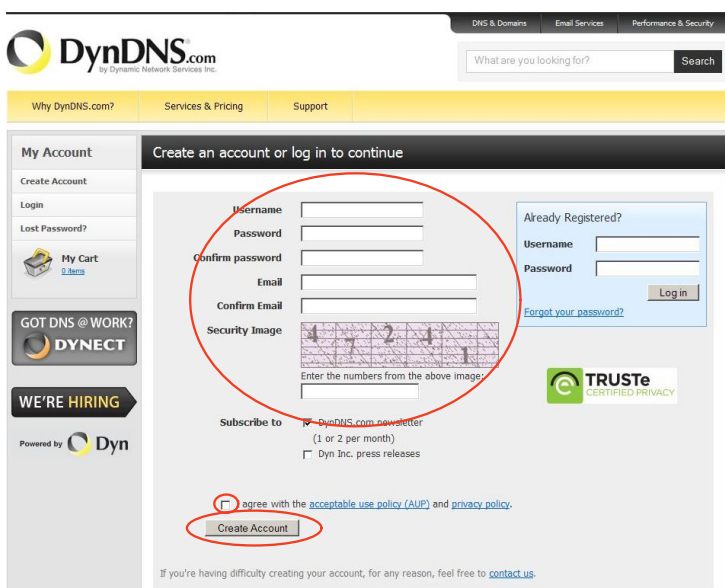
Press **Enter** and go to the homepage of **DynDNS**.

Click the box **Sign In**.

2.



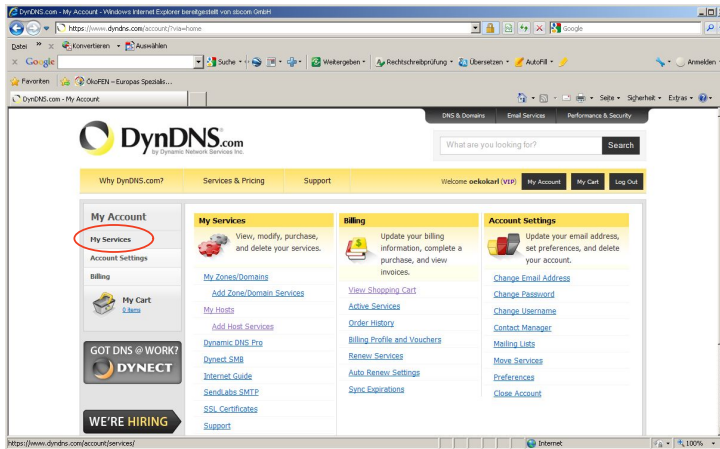
Enter your **User name** and your **Password**



If you don't have a DynDNS account, please create a **DNS Account**: **Create Account**.

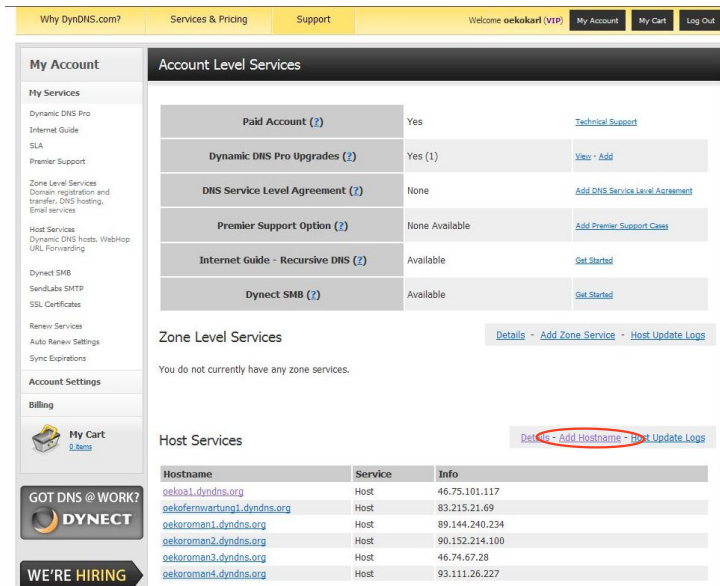
3.

Click the box **My Services**.

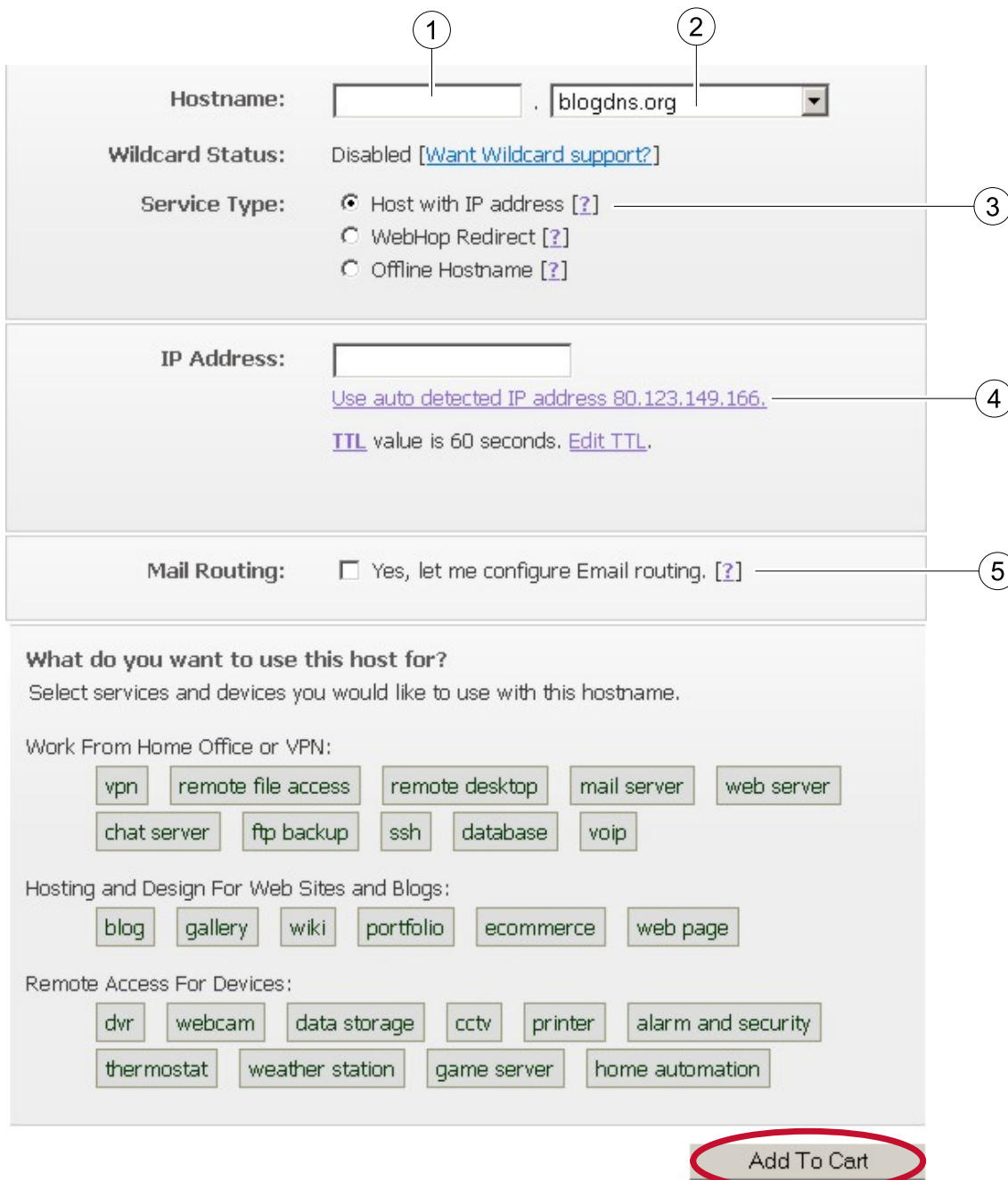


4.

Click the box **Add Hostname**.



5.



Hostname: .

Wildcard Status: Disabled [\[Want Wildcard support?\]](#)

Service Type:

☒ Host with IP address [\[?\]](#)

☐ WebHop Redirect [\[?\]](#)

☐ Offline Hostname [\[?\]](#)

IP Address:

[Use auto detected IP address 80.123.149.166.](#)

[TTL](#) value is 60 seconds. [Edit TTL.](#)

Mail Routing: ☐ Yes, let me configure Email routing. [\[?\]](#)

What do you want to use this host for?
 Select services and devices you would like to use with this hostname.

Work From Home Office or VPN:

Hosting and Design For Web Sites and Blogs:

Remote Access For Devices:

- 1 The **Host Name** is freely selectable.
- 2 Select the **2nd part of the host name** from the drop-down menu.

Note:

You also need the **whole host name** for entering the DDNS data in the EDIMAX.

- 3 Under Service type, select: **Host with IP address**.
- 4 Click: **Use auto detected IP address**. The IP address of the computer you are working appears in the field.
- 5 **Do NOT confirm** the field **Mail Routing**.

Note:

Confirm the settings by clicking **Add to Cart**. The settings will otherwise be lost.

6.

DynDNS.com
by Dynamic Network Services Inc.

What are you looking for?

Why DynDNS.com? Services & Pricing Support Welcome **oekokart** (VIP)

My Account
My Services
Account Settings
Billing
Active Services
Auto Renew Settings
Order History
Billing Profile

Shopping Cart

Host xxxxx3.dyndns-remote.com added to cart. **Finish FREE checkout to activate.**

Upgrade Options

Free accounts allow only two Dynamic DNS hosts.
• to add more and enjoy additional benefits for only \$15.00 per year, [purchase Dynamic DNS Pro](#).
• to get Dynamic DNS for **your own domain**, use [Custom DNS](#).

Dynamic DNS Hosts

Service	Period	Price
xxxxx3.dyndns-remote.com	-	\$0.00
Order Total:		\$0.00

GOT DNS @ WORK?
DYNECT

WE'RE HIRING

Powered by **Dyn**

7.

DynDNS.com
by Dynamic Network Services Inc.

What are you looking for?

Why DynDNS.com? Services & Pricing Support Welcome **oekokart** (VIP)

My Account
My Services
Account Settings
Billing
Active Services
Auto Renew Settings
Order History
Billing Profile

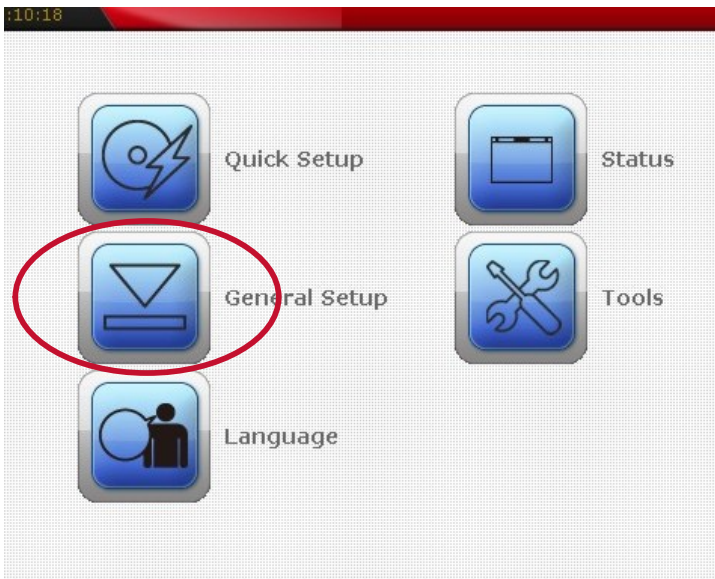
Free Services Checkout

Once you have confirmed the contents of your cart your services will be instantly activated.

Service	Period	Price
xxxxx3.dyndns-remote.com	-	\$0.00
Sub-Total:		\$0.00

4.1.6 Entering DDNS Data in the EDIMAX

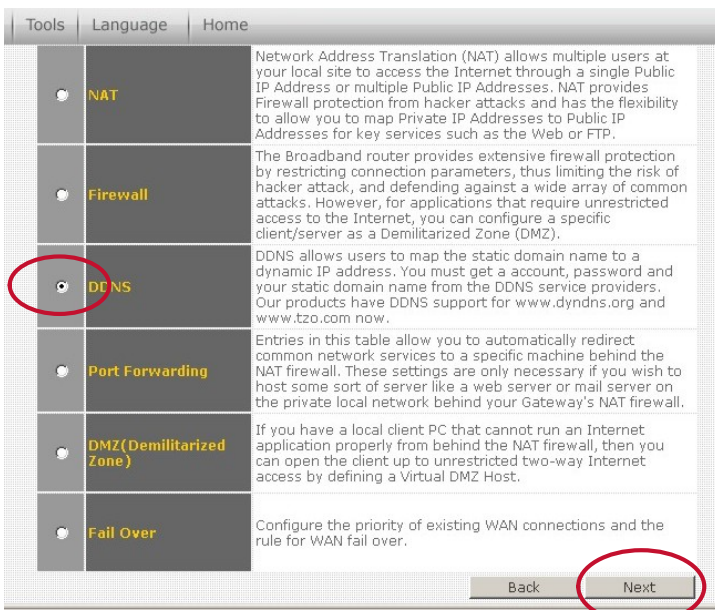
1.



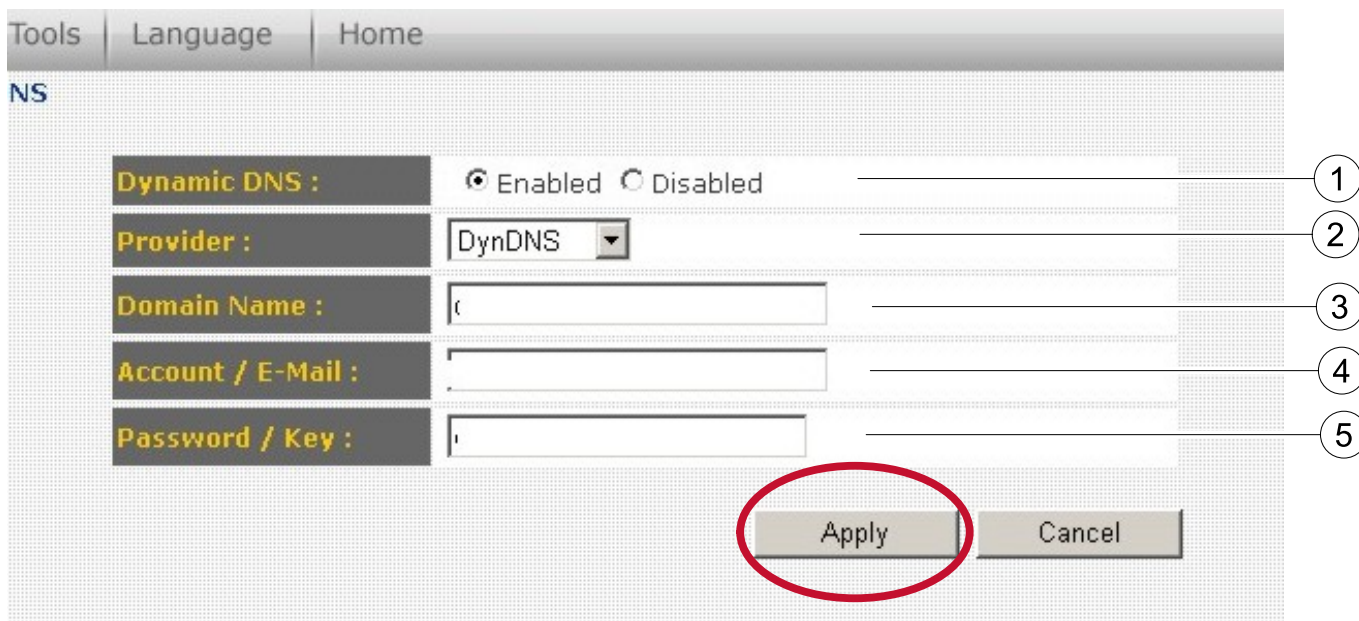
2.



3.



4.



- 1 Mark **enabled**. This means: activated
- 2 Select DynDNS (**Name of the provider**).
- 3 The **Domain Name** is the **Host Name** assigned in the Dyn DNS.
- 4 Enter the login data (**User name**) of Dyn DNS.
- 5 Enter the login data (**Password**) of Dyn DNS.

Note:

Confirm the settings by clicking **Apply**. The settings will otherwise be lost.

4.1.7 Restarting the EDIMAX Router

Now restart the EDIMAX router by disconnecting the power supply and then connecting again. The router is now configured.

5 Installation

5.1 Installation of the Online Remote Maintenance Set

Observe the following sequence during installation of the hardware:


DANGER

Electric shock hazard!
Switch off the system during all work.

1. Disconnect the system from the power supply and safeguard it against switching on again.
2. Remove the operating device from the control panel.
3. Plug the RS 232 piggyback board onto the operating device by:



Pressing the cage nuts (2x) onto the operating device.



Plugging the RS 232 piggyback board onto the circuit board of the operating device with the pins facing downwards.

Screwing the piggyback board to the operating device.

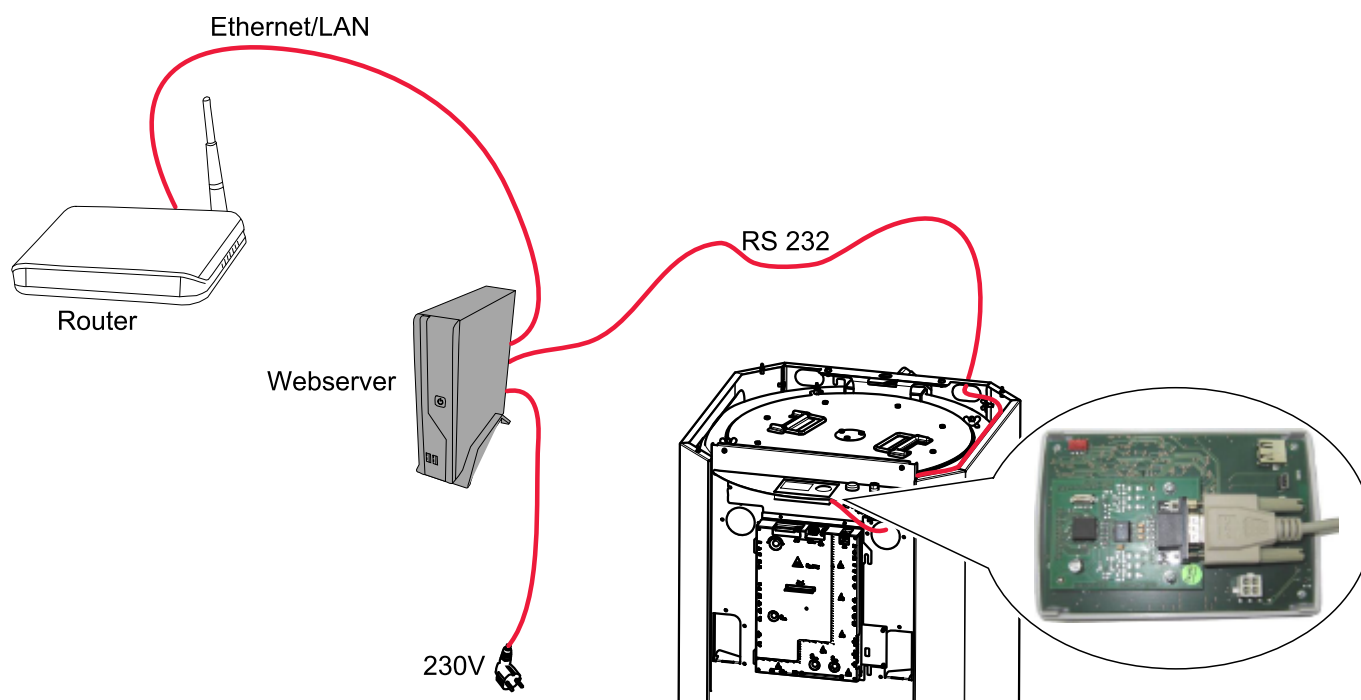
Plugging the connecting cable onto the plug of the piggyback board and screwing tight.

4. Set up the web server. The distance between operating device and web server is determined by the length of the connecting cable (max. 32ft).
5. Remove the boiler front cover.
6. Lay the connecting cable through the opening in the control panel.
7. Plug the operating device into the control panel.
8. Lay the connecting cable under the boiler cover to the rear side of the boiler, and from there to the web server.

Note:

The web server must be disconnected from the power supply.

9. Install the boiler front cover again.
10. Plug the network cable into the web server, guide it to the Internet connection (network plug socket or the EDIMAX wireless 3G broadband router) and plug it in there.



5.2 Settings on the Operating Device

1. Switch on the Pelletronic heating controller.
2. In the menu 'General', select the menu item **Remote maintenance Internet** and press **Enter**.
3. Select **Remote maintenance** and change the default setting 'No' to **Yes**.
4. Select 'Continue' and press **Enter**.
5. Enter the **IP (address)**, **NM (net mask)** and **GW (gateway)**. These are provided by your network technician.
6. Select 'Continue' and press **Enter**.
7. Enter your **User name** and **Password**. You need the user name and password to log in to the remote maintenance website. User name and password are numeric codes with max. 10 digits.
8. Plug in the mains plug and switch on the web server (master switch on the front).

Note:

If the webserver is not already turned on, you must disconnect the web server and then turn it on again.

9. Check the data exchange in the status line on the operating device under the menu item **Remote maintenance Internet**. After one minute, the status line switches between **Transmit** and **Ready**. The data exchange takes place. Later, data exchange only takes place at irregular intervals, as and when required.

5.3 Opening the Password-Protected Remote Maintenance Website

The remote maintenance website is accessed by entering the network address as follows:


1. Switch on your computer.
2. Open the web browser, e.g. Internet Explorer.
3. Enter the address of the Internet connection: `http://_____:8888` and press Enter. Your network technician will tell you the address of the Internet connection.

Procedure to follow in the event of error messages:

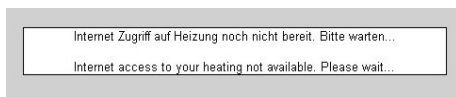
The page cannot be displayed

The page you are looking for is currently unavailable. The Web site might be experiencing technical difficulties, or you may need to adjust your browser settings.

Please try the following:

- Click the  Refresh button, or try again later.
- If you typed the page address in the Address bar, make sure that it is spelled correctly.
- To check your connection settings, click the **Tools** menu, and then click **Internet Options**. On the **Connections** tab, click **Settings**. The settings should match those provided by your local area network (LAN) administrator or Internet service provider (ISP).

- Check the Internet connection.
- Check whether the web server is switched on.



- Wait until the data exchange has been completed.

4.



The login window appears on the screen.

Enter your **User name** and **Password**

(see Section 6.2 Settings on the Operating Device).

Select the desired **Language**.

Click on **Login**.

You are now logged in to the remote maintenance website.

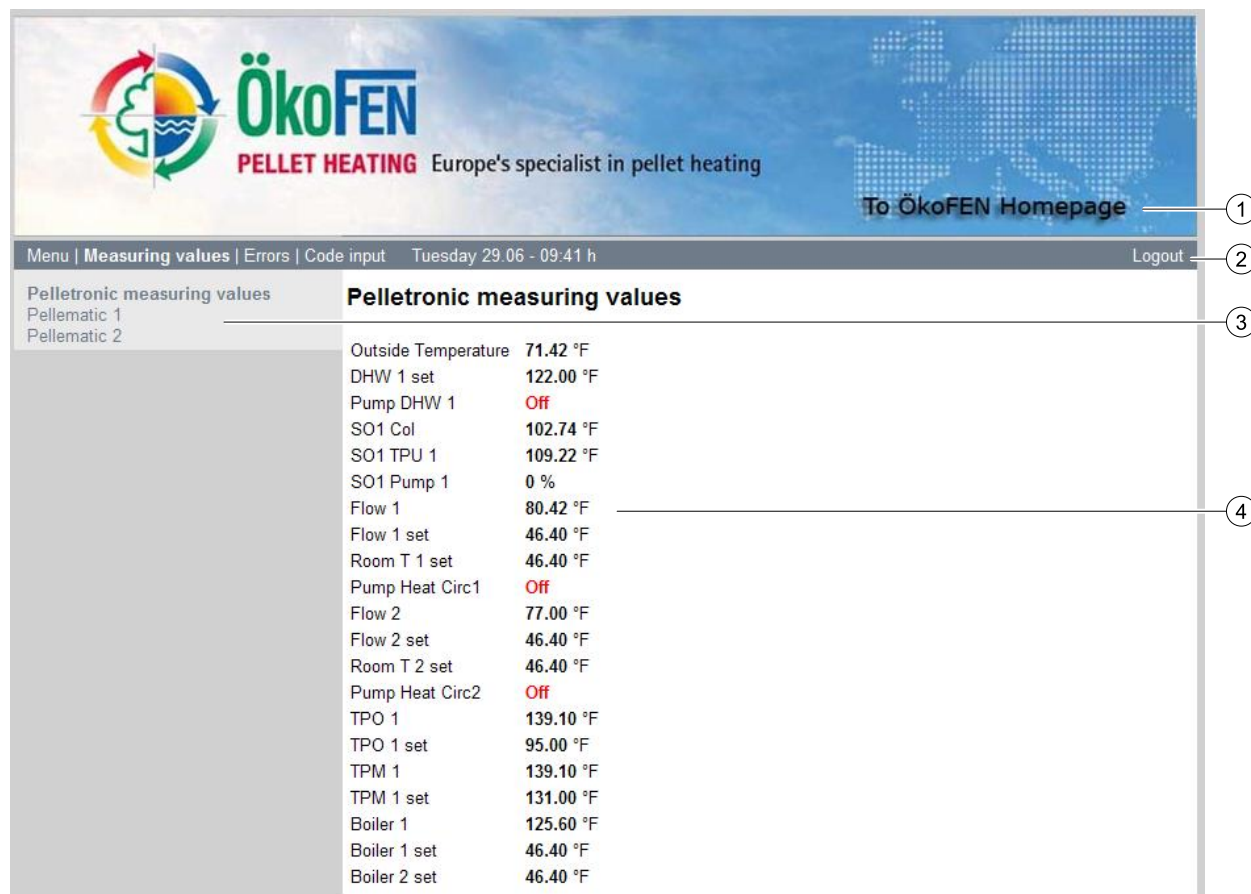
Procedure to follow in the event of error messages:

You cannot log in to the remote maintenance website.

- Re-enter your **User name** and **Password** in the login window. Click on **Login**.
- Check your user name and password – see Section 6.2 Settings on the Operating Device. Enter them in the login window again.
- Restart the web server. Check the data exchange in the status line on the operating device under the menu item **Remote Serv Internet**. After one minute, the status line switches between **Send** and **Ready**. The data exchange takes place. Wait until the data exchange has been completed. Re-enter your **User name** and **Password** in the login window. Click on **Login**.
- Call your network technician.

6 Description of the Pelletronic Online Website

Start page of your code-protected ÖkoFEN website



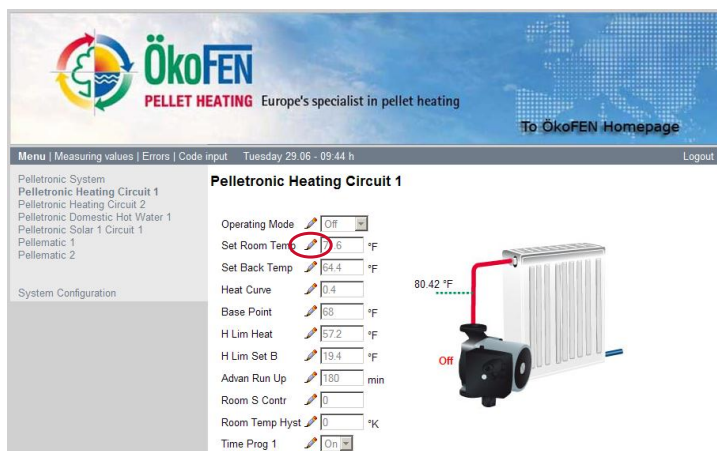
1. If you click **To ÖkoFEN Homepage**, you will be directed automatically to the ÖkoFEN homepage where you can find further information.
2. The **bar with the grey background** shows selectable menu items.
3. The **area with the light grey background on the left** is the drop-down menu from the selectable menu items.

Menu	Display of all the Pelletronic menu items available in your system. System configuration is used to set up the website.
Measuring values	Display of all the current measuring values and current desired values.
Errors	List of all the error messages.
Code input	The code input extends the menu items and settings for the service technician .
Read in new values	Update all data on the web server
07.04 – 08:41 h	Display of date and time
Logout	Exit your ÖkoFEN website

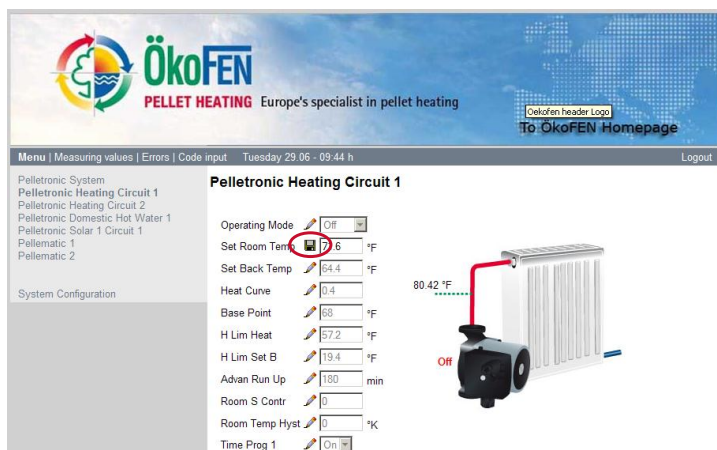
4. The **area with the white background on the right** displays the currently selected menu item.

6.1 Making Settings

Description of how you make settings on the remote maintenance website.



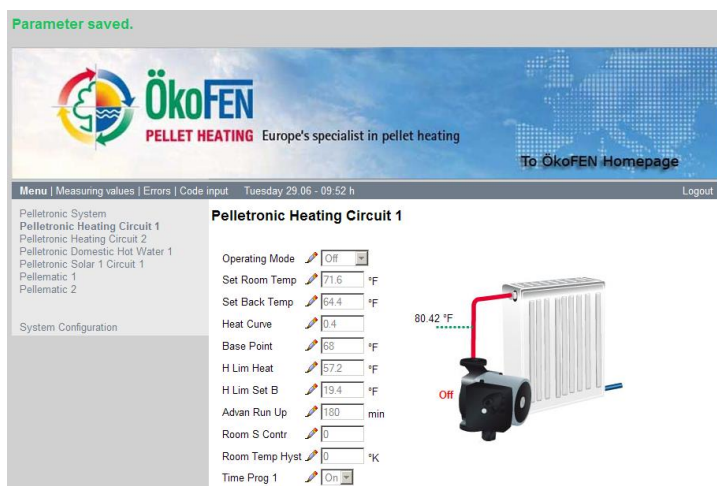
A pen symbol is displayed in front of each variable parameter. To modify a parameter, click on this pen.



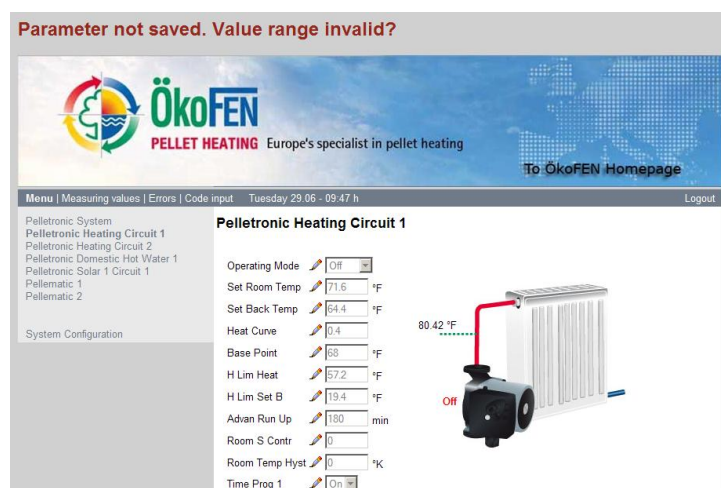
A diskette symbol now appears in front of the parameter you wish to change. Modify the parameter. Click on the diskette symbol to save the new value.

Note:

If you move to another parameter without having saved the first parameter, the value of the first parameter will be automatically reset to the old value.



When you have changed and **successfully saved** a parameter, the message: **Parameter saved** appears above the ÖkoFEN logo.



When you have changed and **not successfully saved** a parameter, the following message appears above the ÖkoFEN logo:

Parameter not saved. Value range invalid?

Note:

There is a limited value range for each parameter. If your entered value lies outside the value range, Pelletronic Online will not accept the value. The limited value range prevents the input of implausible settings.

6.2 Menu

Portrayal of all the **Pelletronic menu items** available in your system.

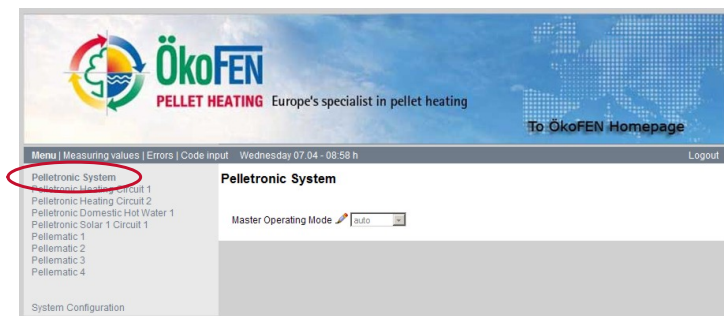
The currently active menu item is displayed in bold type and appears in the area with the white background.

System configuration is used to set up the website.



6.2.1 Pelletronic System

Pelletronic system displays the system operating mode.

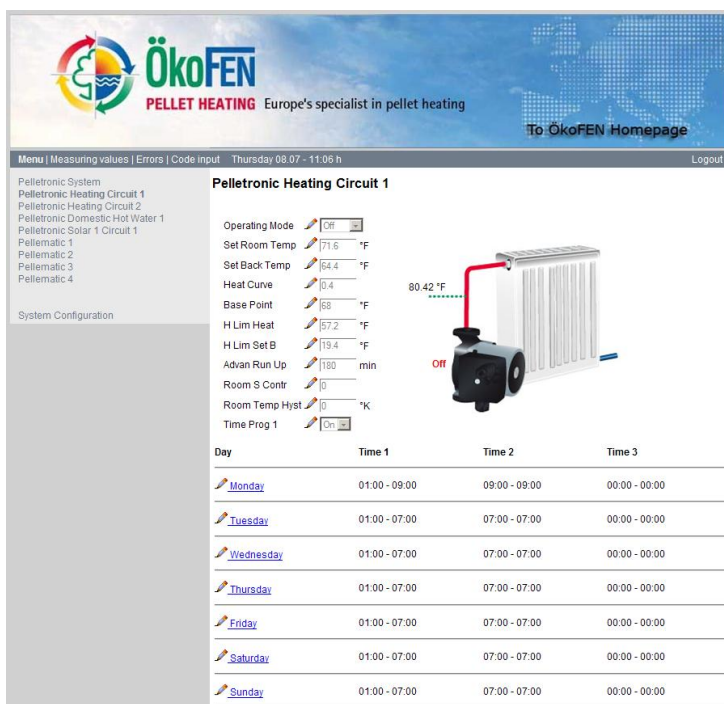


Note:

The relevant function description can be found in the Pelletronic heating controller operating manual.

6.2.2 Pelletronic Heating Circuit

Pelletronic heating circuit displays all the variable parameters for the heating circuit, the current sensor values and the heating circuit timer program. Up to 6 heating circuits are possible. Pay attention to the selected heating circuit menu.

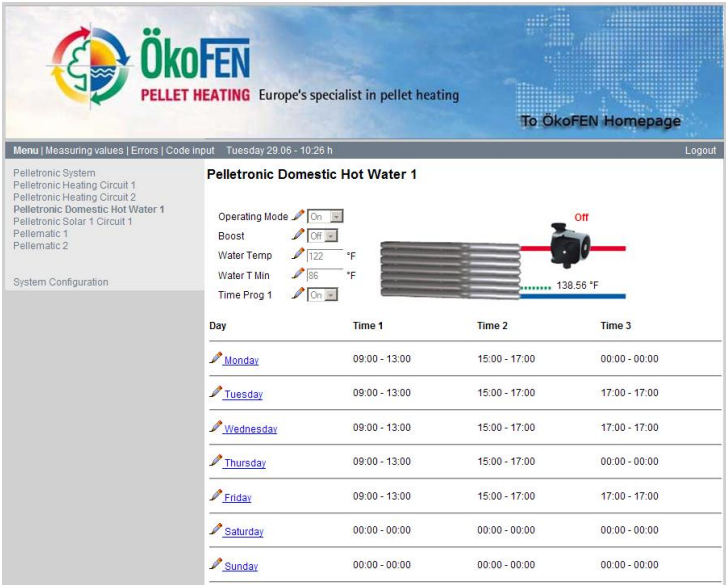


Note:

The relevant function description can be found in the Pelletronic heating controller operating manual.

6.2.3 Pelletronic Domestic Hot Water

Pelletronic domestic hot water displays all the variable parameters for the hot water and the hot water timer program Up to 3 domestic hot water menus are possible. Pay attention to the selected domestic hot water menu.

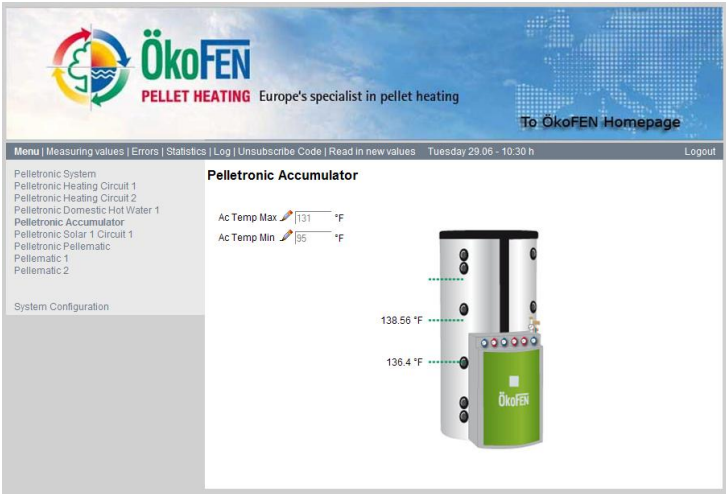


Note:

The relevant function description can be found in the Pelletronic heating controller operating manual.

6.2.4 Pelletronic Accumulator

Pelletronic accumulator displays all the variable parameters for the accumulator and the current sensor values in the accumulator memory.

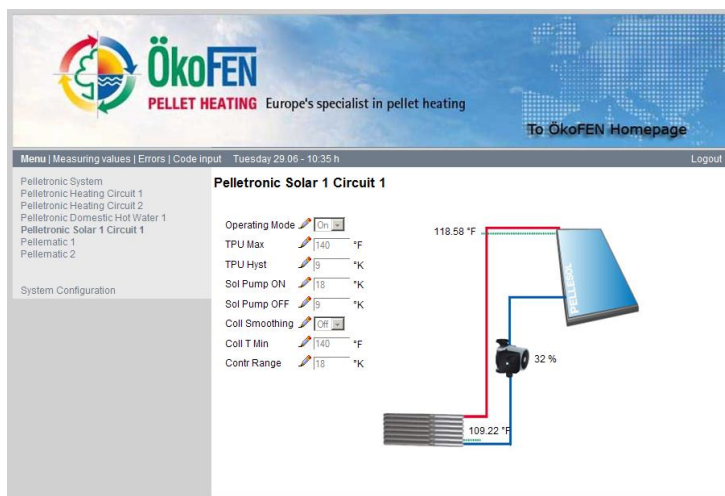


Note:

The relevant function description can be found in the Pelletronic heating controller operating manual.

6.2.5 Pelletronic Solar Circuit

Pelletronic Solar displays all the variable parameters for the solar circuit and the current sensor values. Up to 6 solar circuits are possible. Pay attention to the selected solar circuit menu.



Note:

The relevant function description can be found in the Pelletronic heating controller operating manual.

6.2.6 Pellematic

Pellematic displays all the variable parameters for the boiler controller, the current status and the current boiler temperature. With cascade systems, up to 4 Pellematics are possible. Pay attention to the selected Pellematic menu.



Note:

The Pellematic menu appears only when a CMP 0.6 boiler controller is connected via the RS485 bus to the Pelletronic heating controller.

The relevant function description can be found in the Pelletronic heating controller operating manual.

6.2.7 System Configuration


System configuration is used to set up the website functions. When you click on 'System configuration' in the menu, the following page opens. You can now set the following:

- Configuration of the e-mail address to which error messages are sent. See 'Error messages by e-mail'.
- Configuration of the DYN DNS. See 'Network settings'

NOTICE

Incorrect setting

The configuration of the DYN DNS should be left to a qualified network technician.




ÖkoFEN
PELLET HEATING Europe's specialist in pellet heating

[To ÖkoFEN Homepage](#)


Menu | Measuring values | Errors | Code input | Tuesday 15:11 - 10:06 h | Logout


Software: V1.7


System designation  Schreibitsch Lembach

Other information 


Mailservser  mail.gmx.net


AuthUser  hznk@gmx.at


AuthPass  *****


Email Sender  hznk@gmx.at

Email Recipient 


Email Recipient 


Email Recipient 

Email Recipient 


Email Recipient 


Language Statistics  Englisch

Celsius/Fahrenheit  Celsius

DynDNS Hostname 

DynDNS Password 

DynDNS Login 

Disable Standby Router  Off

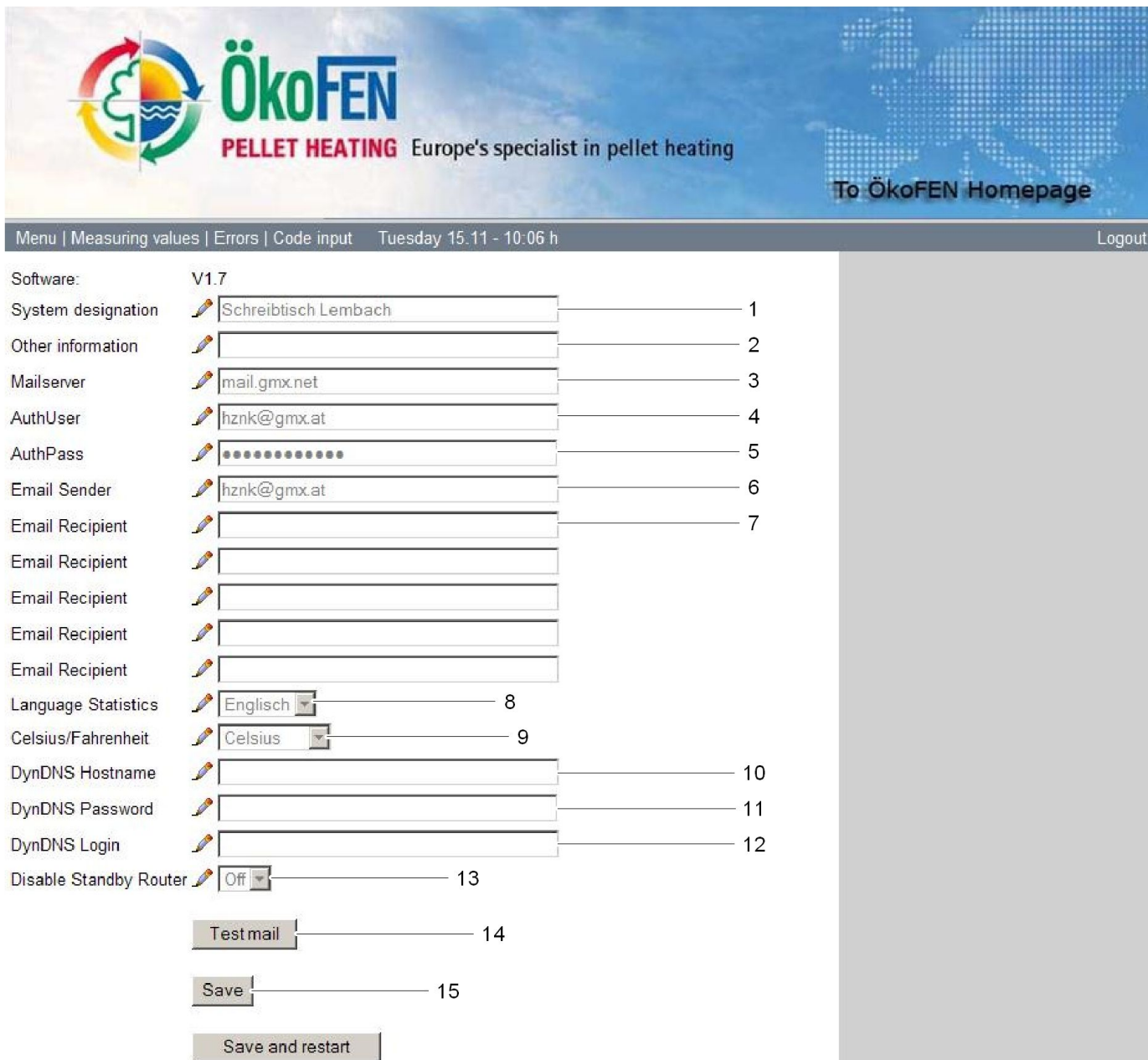
Test mail

Save

Save and restart

6.2.7.1 Error Messages by E-mail

In order to receive error messages by e-mail, you must select the menu item **System configuration** in the **Menu**.



- 1 **System designation** Enter the name of the system. Max 200 characters.
System designation you see in **Subject** and **Text**.
The subject is visible while forwarding a mail as text messages on the mobile phone.
- 2 **Other information** Room for additional information. Max. 200 characters.
Other Information you see in **Text**.
- 3 **Mailserver** Enter the address of the outgoing mail server for your e-mail address.
e.g.: **gmx**: mail.gmx.net, **hotmail**: smtp.live.com,

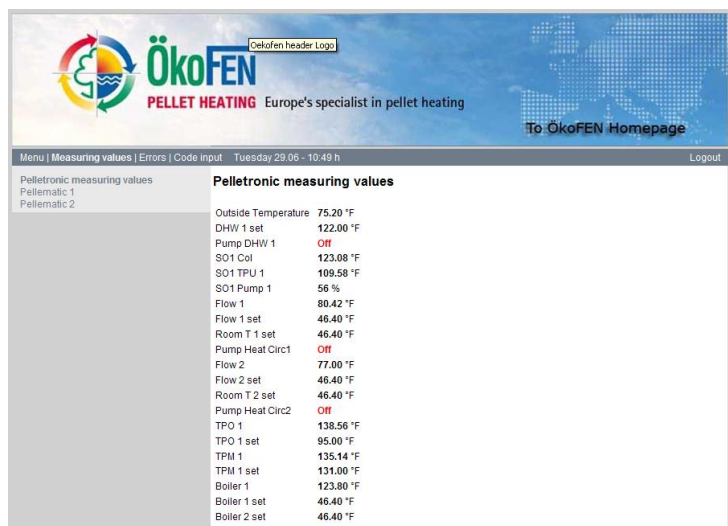
Note:

You will find the address of the outgoing mail server in the information relating to your e-mail account. Or use a search engine such as Google with the term **outgoing mail server**. Here you will find the details of all Internet service providers.

- 4 **AuthUser** Enter your e-mail address (login data for the e-mail account)
- 5 **AuthPass** Password (login data for the mail account)
- 6 **Email Sender** Enter your mail address (Login data for the mail account)
- 7 **Email Recipient** Enter mail address of the recipient.
- 8 **Language Statistics** Choose language of the statistics (German, English and French).
- 9 **Celsius Fahrenheit** Choose Celsius or Fahrenheit.
- 10 **Dyn DNS Hostname** This field remains empty. Exception: If the entering of the Dyn DNS Hostname to the router is not possible.
- 11 **Dyn DNS Password** This field remains empty. Exception: If the entering of the Dyn DNS password to the router is not possible.
- 12 **Dyn DNS Login** This field remains empty. Exception: If the entering of the Dyn DNS login to the router is not possible.
- 13 **Router Standby Disable** Using a router, which goes after a certain time into standby, the standby function must be disabled. Therefore select yes in the drop down menu.
- 14 **Testmail** Check that all settings are correct by sending a test mail. To all these email addresses will be sent an email.
- 15 **Save** In order to keep the settings, press Save.

6.3 Measuring Values

Display of all the current measuring values and current desired values. You can select between the Pelletronic measuring values and the Pellematic measuring values. With cascade systems, up to four Pellematics are possible.



Pelletronic measuring values	
Outside Temperature	75.20 °F
DHW 1 set	122.00 °F
Pump DHW 1	OFF
SO1 Col	123.08 °F
SO1 TPU 1	109.58 °F
SO1 Pump 1	56 %
Flow 1	80.42 °F
Flow 1 set	46.40 °F
Room T 1 set	46.40 °F
Pump Heat Circ1	OFF
Flow 2	77.00 °F
Flow 2 set	46.40 °F
Room T 2 set	46.40 °F
Pump Heat Circ2	OFF
TPO 1	138.56 °F
TPO 1 set	95.00 °F
TPM 1	135.14 °F
TPM 1 set	131.00 °F
Boiler 1	123.80 °F
Boiler 1 set	46.40 °F
Boiler 2 set	46.40 °F

Note:

The Pellematic menu appears only when a CMP 0.6 boiler controller is connected via the RS485 bus to the Pelletronic heating controller.

The relevant function description can be found in the Pelletronic heating controller operating manual.

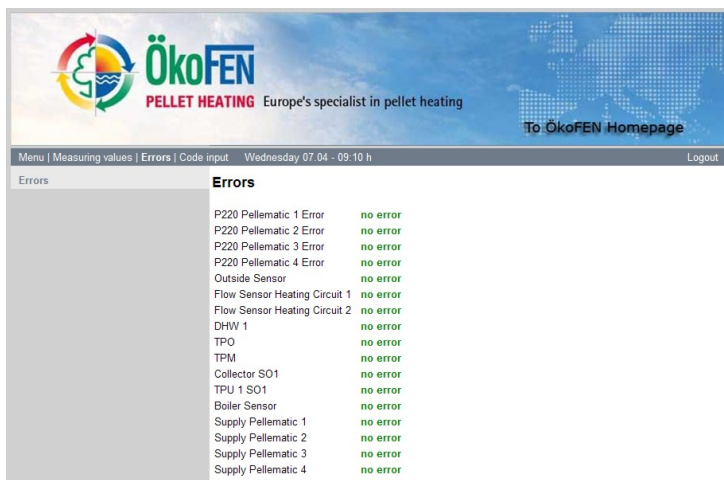
NOTICE

No real-time connection

PL Online cannot guarantee a real time connection, because of the delay of the internet. The data transfer times can be up to 5 minutes.

6.4 Errors

List of sensors and error messages.

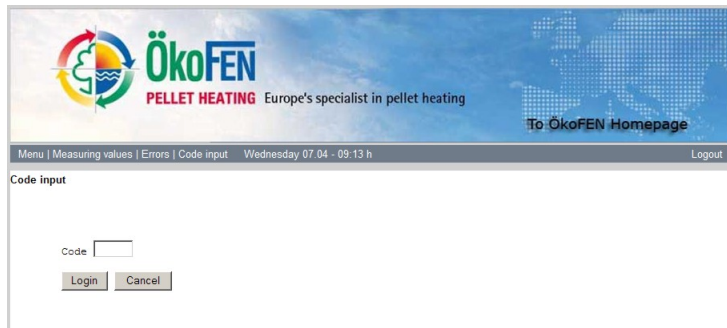


Note:

The relevant function description can be found in the Pelletronic heating controller operating manual.

6.5 Code input

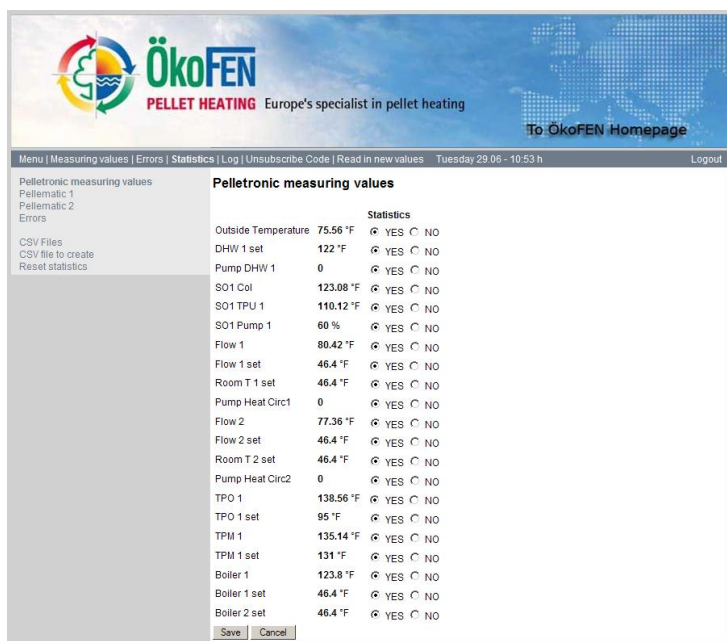
The code input extends the **menu items** and **settings for the service technician**. Changes to the code-protected parameters may only be made by authorised specialist personnel.



The screenshot shows the ÖkoFEN website interface. At the top is the ÖkoFEN logo and the text 'PELLET HEATING Europe's specialist in pellet heating'. Below the logo is a navigation bar with links: 'Menu | Measuring values | Errors | Code input | Wednesday 07.04 - 09:13 h | Logout'. The main content area is titled 'Code input' and contains a form with a 'Code' input field, 'Login' and 'Cancel' buttons, and a link 'To ÖkoFEN Homepage'.

6.5.1 Statistics

The 'Statistics' menu item only appears after the code input. In the default setting, the recording of statistics is set to NO for all parameters. You can select Pelletronic or Pellematic parameters and error messages that you wish to record by clicking YES.



The screenshot shows the ÖkoFEN website interface with the 'Statistics' menu item selected. The main content area is titled 'Pelletronic measuring values' and contains a table of parameters with 'Statistics' checkboxes. The table has two columns: 'Pelletronic measuring values' and 'Statistics'. The parameters listed are: Outside Temperature, DHW 1 set, Pump DHW 1, SO1 Coil, SO1 TPU 1, SO1 Pump 1, Flow 1, Flow 1 set, Room T 1 set, Pump Heat Circ1, Flow 2, Flow 2 set, Room T 2 set, Pump Heat Circ2, TPO 1, TPO 1 set, TPM 1, TPM 1 set, Boiler 1, Boiler 1 set, and Boiler 2 set. Each parameter has a 'Statistics' checkbox with radio buttons for YES and NO. At the bottom of the table are 'Save' and 'Cancel' buttons.

The data for all selected parameters are recorded every minute and stored in an Excel spreadsheet. A CSV file is output every day and archived according to its date.

CSV files: You call up the CSV files here
CSV file to create:

Creates the csv files from the last time until the current day. Duration 5 min.

Reset statistics: Here you can set all the parameters to NO.

Delete all CSV files:

Delete all without further query

The data for all selected parameters are recorded every minute and stored in an Excel spreadsheet. A CSV file is output every day and archived according to its date.

CSV files: You call up the CSV files here.

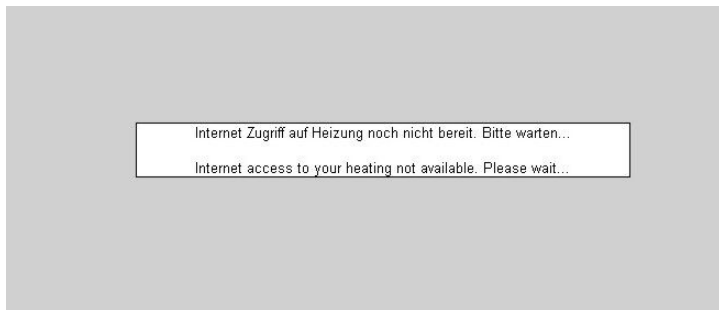
Reset statistics: Here you can set all the parameters to NO.

6.5.2 Log

List of all the log files. Provided solely for use by the qualified network technician.

6.6 Read in New Values

Under the menu item **Read new values**, you can delete all data from the web server and read in new data from the Pelletronic operating device.



When you click on the field **Read new values**, Pelletronic online immediately starts to transfer new data from the Pelletronic operating device. The following window appears on the screen.



When all the data have been transmitted, the following window appears on the screen. You have to log in again with your user name and password. After logging in, all the parameters, measuring values and settings on the web server are updated.

7 Troubleshooting

The installation PL Online was not successful. Follow in troubleshooting the specified order.

- Switch the web server on / off. Check status after 1 min. See chapter [5.2 Settings on the Operating Device, page 20](#)
- Check the data exchange between Webserver and Pelletronic
- Check your Internet connection. (settings in Dyn DNS, port forwarding and gateway)

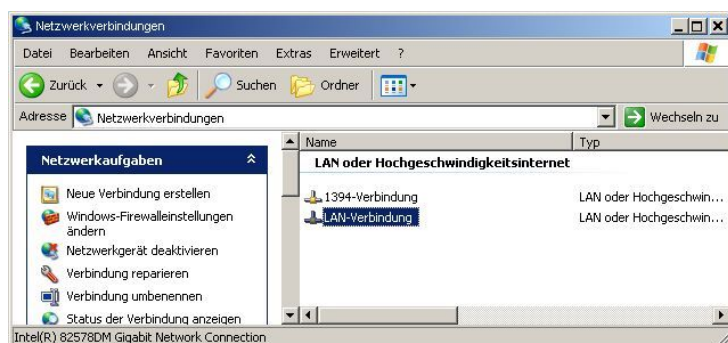
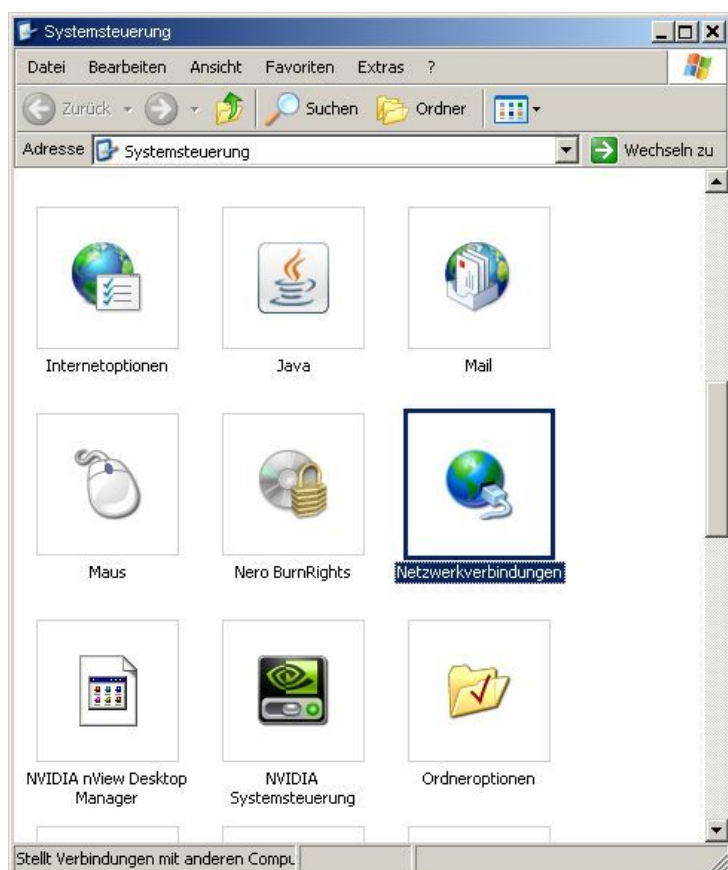
7.1 Checking the data exchange between Webserver and Pelletronic

This is an example for the the operating system Windows XP. This is the basic procedure for checking whether a data exchange between webserver and Pelletronic Plus takes place. Depending on the operating system and version may vary pictured representations.

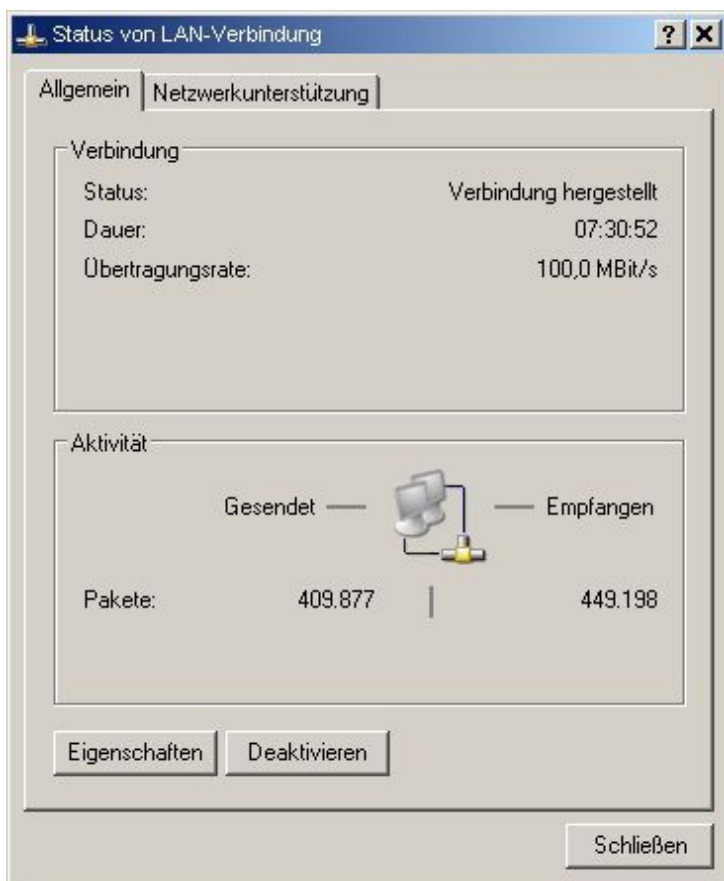
Connect the PC directly with a network cable to the web server.

Clicken in the **start bar on settings** and select **Control system**.

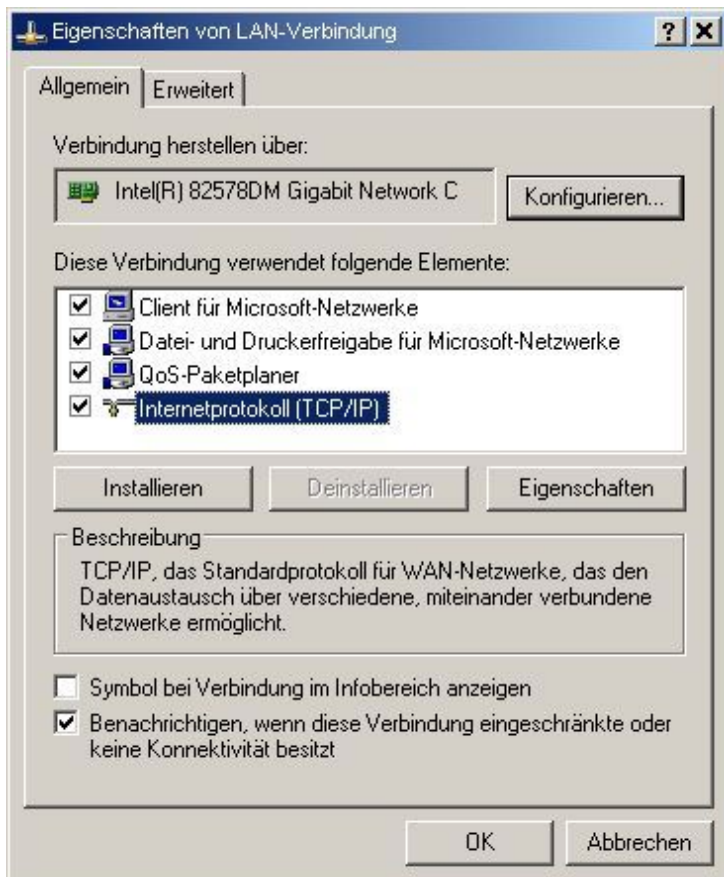
Click the setting menu **network connection**.



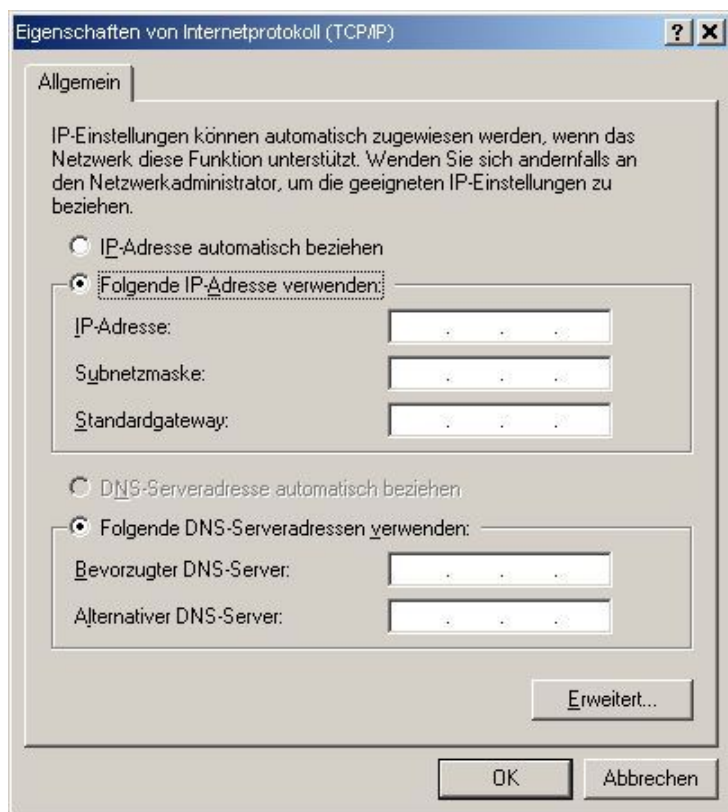
Click **LAN-connection** an.



Click **properties**



Select **Internetprotokoll 4 (TCP/IP)** an.
Click **Properties**.



Convert to: **Use the following IP address**
Enter the IP address.

Note:

It differs in the last digit of the IP address of the web server. The IP address of the web server is in the heating controller in the menu **Internet Remote**

See chapter [5.2 Settings on the Operating Device](#), page 20

The subnet mask is always 255.255.255.0

Confirm by pressing Ok

On your connected PC start a web browser and enter
http:// IP Adresse :8888

If the startup screen to enter username and password does not appear - proceed as following:

- Check whether the browser is switched off.
- Check the connection of PC and web browser.
- Check the connection of remote control and Pelletronic.
- Check whether the remote control is active.
- Check the IP address.
- Check all settings.

Now try to re-establish the connection.

NOTICE

Incorrect IP address in network operation

If the PC is again operated via network, remove again to: **IP address automatically**

8 Pelletronic Online Software update

For the software update, use a CF card with the current software version. They are available on request from the headquarter ÖkoFEN Austria or the national representative.

Note:

Before the CF card exchange, you must ensure to save data and settings. Run the software update in the order shown:

1. **Save statistics**
2. **Mail Save settings as a screenshot or write off**
3. **CF card exchange**
4. **Enter mail settings**
5. **Activate statistic settings**
6. **Pelletronic Online is updated and fully functional**

1. **Save statistics**

All CSV files are saved on the CF card. Before the CF card exchange, you should save the CSV file on your PC or disk.

See chapter [Statistics](#) By mouse click on a CSV file, select the location.

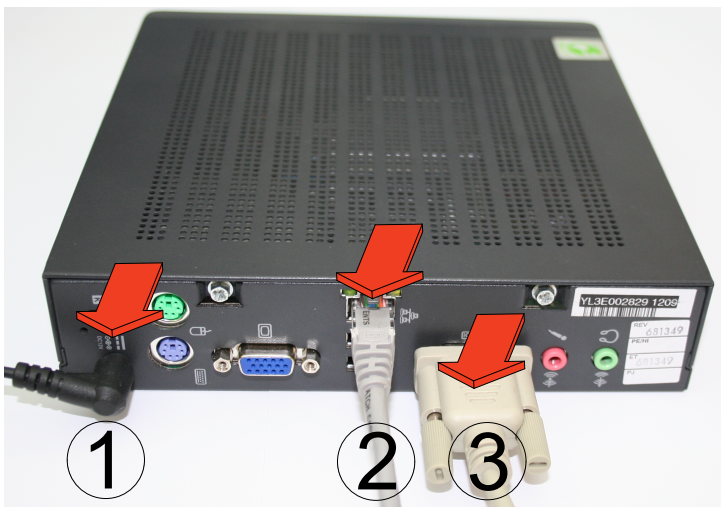
2. **Mail Save settings as a screenshot or write off**

To ensure to have available all email settings after CF card exchange, you should either make a screenshot or write off.

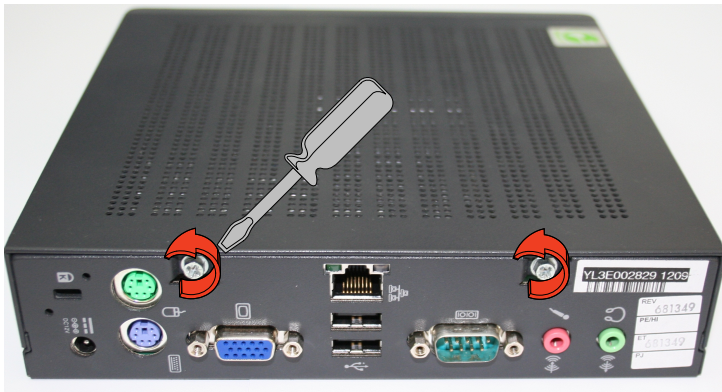
See chapter [Error Messages by E-mail](#)

3. **CF card exchange**

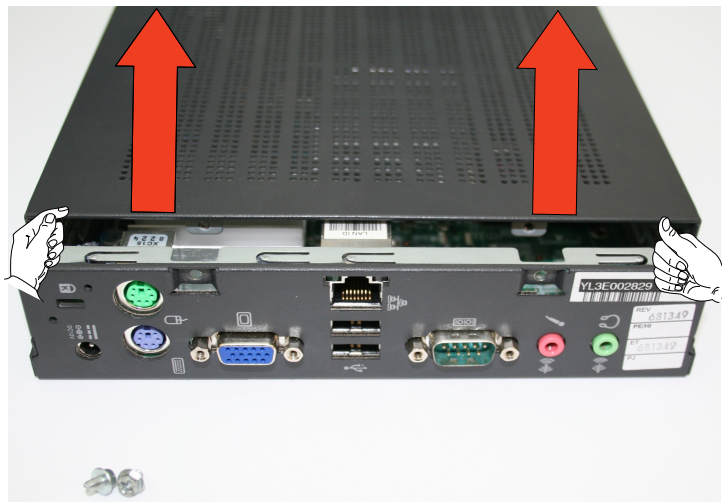
- 1.



2.



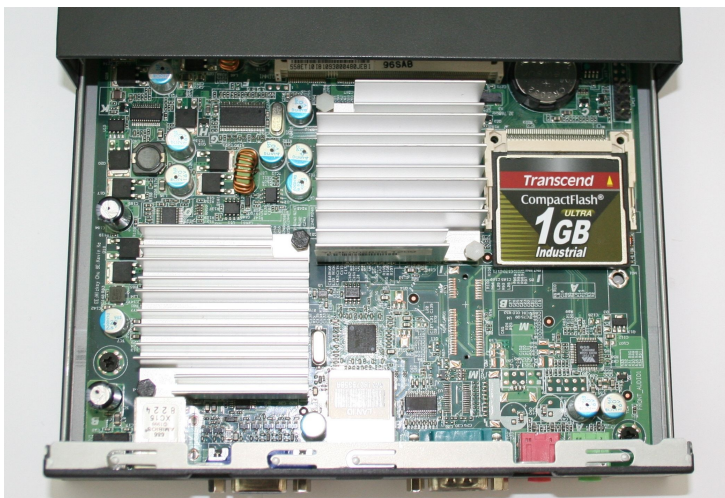
3.



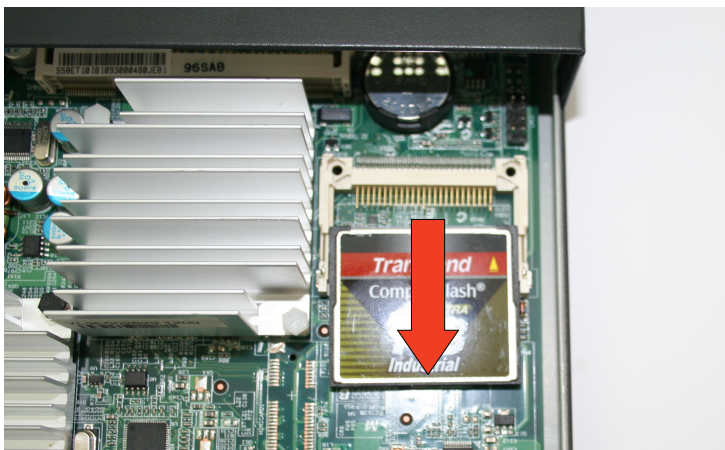
4.



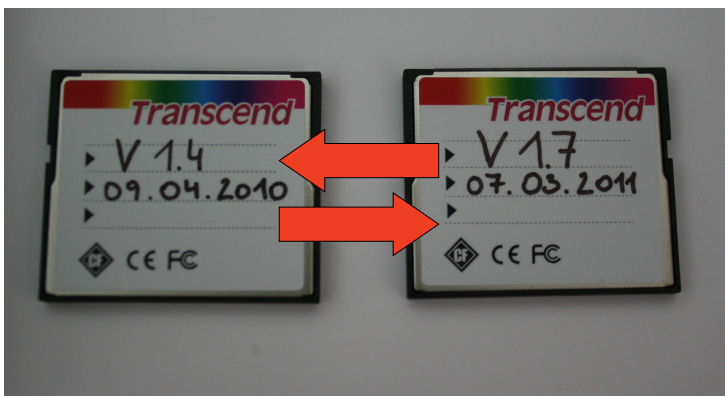
5.



6.



7.



4. Enter mail settings

The mail settings must be entered.

Note:

The mail settings can be entered via the Internet from a distance or at a later date.
See chapter [Error Messages by E-mail](#)

All other settings:

- Dyn DNS
- Port Forwarding
- Setting on the router

retain.

5. Activate statistic settings

All data is saved on previous CF card and no longer visible. The recording of statistics is again made according to the Basic setting: d NO. You need to enable again.

See chapter [Statistics](#)

6. Pelletronic Online is updated and fully functional

For goods and parts of goods that become demonstrably unusable due to faulty materials or production, the following terms of guarantee apply as from the date of start-up:

For all products 5 years and max.15.000 operating hours

Apart from:

All moving parts, electric and electronic parts,

flame tube and burner plate 10 years

Solar collectors 10 years

Warranty- and guarantee claims can only be occupied,
when from MECO delivered goods are used under from MECO predetermined,
foreseen operation and normal use.

Manufacturer:

MAINE ECO PELLET HEATING LLC

USA – Headquarter
8 Airport Road – P.O. Box 547 Bethel
Maine 04217

e-mail: office@me-pelletheating.com
web: meco-pelletheating.com

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Subject to modifications