Installation Manual

Please read carefully prior to installation and servicing.

SAVE THESE INSTRUCTIONS



PELLETRONIC ONLINE

VERSION 1.7

ENGLISH — USA



E 1370 1.1



Title:Installation Manual Pelletronic OnlineItem number:E 1370 1.1Number of version:02.01Version valid from:02/2011Release:Humberger Stephan

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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-threatning injury.





DANGER

Warning - indicates a situation that could lead life-threatning 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.



NOTICE



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

Installation Manual Pelletronic Online



4.1.2 Restore EDIMAX Default Settings



2.



3.

ols Langua	ge Home		
Backup S	ottings: Save		
Restore S	Settings:	Durchsuchen	Upload
Restore t	o Factory Reset		



4.1.3 EDIMAX Internet Configuration



3.





4.

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

- 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



2.



3.



Inte	ernet	Connectio	n			MA	INE ECO PELLET HEATING LLC
12							
4.		2	3	4	5 6	7	
	₩ Ena Pr Add	ble Port Forwarding ivate IP (Keset	Computer name showText(se	T pe Both I	Port Range	Corim	ent
	Curren	t Port Forwarding Tab Computer name	e: Private IP	Type	Port Ranne	Comment	Select
	1	OFFLINE	192.168.2.253	TCP+UDP	8888	fernwartung	
			Delete Selected	Delete All	Reset Apply	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 adress at Dyn DNS

1.



Enter the following adress: 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.

🖉 DynDNS.com - My Account - Windows Internet E	xplorer bereitgestelt von sboom GribH				_ [] ×
🕒 🕤 🔹 🚺 https://www.dyndrs.com/acco.	unt/Tvia=home		3	🖸 🔒 😂 🦘 🗙 🚼 Google	P -
Datei » 🗴 🍕 Konvertieren 🔹 🔂 Auswähl	len				
× Google	💌 🛃 Suche • 🖓 🏢 •	🐏 • 🔯 Weiterge	iben • 🛛 🗛 Rechtschreibprüfung • 💩 Ü	bersetzen + 🍠 AutoFill + 🍠	🦘 • 🕓 Annelden •
👾 Peroriten 🛛 👍 🔇 ÖlioFEN – Europas Spezia	ls				
OynDNS.com - My Account				🏠 • 🔂 - 🖃 🌧 • Sejte • Sej	verheit • Extras • 🔞 • 🏾 »
-			DNS & Dom	ains Email Services Performance & Security	
	DNIS				
	Dynamic Network Services Inc.		Whatan	e you looking for? Search	
Why DynDNS.com	P Services & Pricing	Support	Welcome or	ekokarl (VIP) Ny Account My Cart Log Out	
	1				
My Account	My Services	В	illing	Account Settings	
My Services	View, modify,	purchase,	Update your billing	Update your email address,	
Account Settings	and delete you	r services.	purchase, and view	set preferences, and delete your account.	
Billing	My Zones/Domains		involces.	Change Email Address	
	Add Zone/Domain Se	rvices	View Shopping Cart	Change Password	
My Cart	My Hosts		Active Services	Change Username	
	Add Host Services		Order History	Contact Manager	
COT DUG OWO	Dynamic DNS Pro		Billing Profile and Vouchers	Mailing Lists	
GOT DNS @ WO	Dynect SMB		Renew Services	Move Services	
	Internet Guide		Auto Renew Settings	Preferences	
	SendLabs SMTP		Sync Expirations	Close Account	
	SSL Certificates				
WE'RE HIRIN	G Support				*
https://www.dvndns.com/account/services/				internet	Va · \$ 100% · /

4.

Why DynDNS.com?	Services & Pricing	Support			Welcon	ne oekokarl (VI	P) My Account	My Cart Log
My Account	Account Level Ser	vices						
My Services								
Dynamic DNS Pro	Daid	annunk (2)		Van			Technical Com	
Internet Guide	Palu /	Account (1)		res			Technical Sop	<u>lorr</u>
SLA	Dumania DW	Due Unemalan (Ver (1)				
Premier Support	Dynamic Die	Pro opgrades (.1)	tes (1)			VIEW * AQQ	
Zone Level Services Domain registration and transfer, DNS hosting, Email services	DNS Service L	evel Agreement	(?)	None			Add DNS Serv	ice Level Agreement
Host Services Dynamic DNS hosts, WebHop URL Forwarding	Premier Su	pport Option (?)	None Availab	le		Add Premier S	upport Cases
Duract SMR	Internet Guide	- Recursive DN	S (<u>?</u>)	Available			Get Started	
SendLabs SMTP								
SSL Certificates	Dyne	ect SMB (?)		Available			Get Started	
Renew Services Auto Renew Settings Sync Expirations	Zone Level Servic	es				<u>Details</u> - <u>Add</u>	Zone Service -	Host Update Log
Account Settings	You do not currently have	any zone services	5.					
nullin -								
Dining								
My Cart	Host Services					Det els -	Add Hostname	Host Update Log
	Hostname		Service	Info				
GOT DNS @WORK?	oekoa1.dyndns.org		Host	46.75	.101.11	.7		
C) DIVIS @ WORK:	oekofernwartung1.dyndn	s.org	Host	83.21	5.21.69)		
DYNECT	oekoroman1.dyndns.org		Host	89.14	4.240.2	134		
	oekoroman2.dyndns.org		Host	90.15	2.214.1	.00		
	oekoroman3.dyndns.org		Host	46.74	.67.28			
MEDE LUDING	ookoromand dundar ora		Hort	02.11	1 26 22	7		

Click the box My Services.

Click the box Add Hostname.



5.

Hostname:	blogdps org	
Wildoard Ctature	Disabled [Marst Mildcard or prost2]	
wildcard Status:	Disabled <u>(Want Wildcard support?)</u>	
Service Type:	Host with IP address [?]	(
	C WebHop Redirect [?]	
	© Offline Hostname [<u>?</u>]	
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 y	ou would like to use with this hostname.	
Work From Home Office or VF	'N:	
vpn remote file ad	cess remote desktop mail server web server	
chat server ftp ba	ckup ssh database vojp	
Hosting and Design For Web 9	Sites and Blogs:	
blog gallery w	iki portfolio ecommerce web page	
Remote Access For Devices:		
Remote Access For Devices:	ata storage cctv printer alarm and security	

- 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.

Add To Cart

5 **Do NOT confirm** the field **Mail Routing**.

Note:

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



6.

why bynows.com?	Services & Pricing	Support	Welcor	ne oekokarl (VIP) My A	ccount Lo
4y Account	Shopping Cart				
ly Services	Host xx	xxx3 dyndns-remote com a	dded to cart. Finish EREE che	ckout to activate.	
ccount Settings	1000 00	and a sub-		Dessed	- to the t
alling				Proceed to	checkout
ctive Services	🖐 Upgrade Options				
uto Renew Settings Inder History Illing Profile	Free accounts allow on • to add more and enjo • to get Dynamic DNS f	ily two Dynamic DNS hosts. ay additional benefits for only for your own domain , use <u>Cr</u>	\$15.00 per year, <u>purchase Dynam</u> <u>istom DNS</u> .	ic DNS Pro 🐴.	
OT DNS @ WORK?	Dynamic DNS Hosts				
or bris e fronta	xxxxxx3.dvndns-remote.	.com		remove	\$0.00
DYNECT					

7.

	NS.com		What are you	looking for?	Se
Why DynDNS.com?	Services & Pricing	Support	Welco	ome oekokarl (VIP)	My Account L
ly Account	Free Services Check	cout			
y Services	Free Services Check	cout e contents of your cart your serv	ices will be instantly activate	ed.	
ly Account y Services xount Settings	Free Services Check	cout e contents of your cart your serv Service	ices will be instantly activate	:d. Period	Price
ly Account y Services count Settings ling tve Services	Free Services Check Once you have confirmed the Dynamic DHS Hosts	cout a contents of your cart your serv Service	ices will be instantly activate	ed. Period	Price
ly Account y Services count Settings ling twe Services do Renew Settings	Free Services Check Once you have confirmed the Dynamic DNS Hosts xxxxx3.dyndns-remote.c	cout contents of your cart your serv Service	ices will be instantly activate	ed. Period	Price \$0.00
ly Account y Services count Settings ling twe Services to Renew Settings der History	Free Services Check Once you have confirmed the Dynamic DNS Hosts xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	cout e contents of your cart your serv Service	ices will be instantly activate	ed. Period	Price \$0.00



4.1.6 Entering DDNS Data in the EDIMAX



2.



3.





4.

ynamic DNS :	Enabled C Disabled
ovider :	DynDNS 🔽
omain Name :	[
ccount / E-Mail :	
assword / Key :	· · · · · · · · · · · · · · · · · · ·

- 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:



- 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.

 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:

- 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.

Interne	t Zugriff auf Heizung noch nicht bereit. Bitte warten
Interne	t access to your heating not available. Please wait.

- · Wait until the data exchange has been completed.
- 4.

Password:	
Language: English	
Login	

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

Menu Measuring values Errors	OFEN T HEATING Europe's	To ÖkoFEN Homepage(
Pelletronic measuring values	Pelletronic me	asuring values	
Pellematic 2	Outside Temperature DHW 1 set Pump DHW 1 SO1 Col 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 Boiler 2 set	71.42 °F 122.00 °F Off 102.74 °F 109.22 °F 0 % 80.42 °F 46.40 °F Off 77.00 °F 46.40 °F Off 139.10 °F 95.00 °F 139.10 °F 139.10 °F 139.10 °F 46.40 °F	

- 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.



Parameter not saved	I. Value range invalid?	
Č ÖK	HEATING Europe's specialist in pellet heating To: ÖkoFEN Homepage	
Menu Measuring values Errors Co	de input Tuesday 29.06 - 09:47 h I	ogout
Pelletronic System Pelletronic Heating Circuit 1 Pelletronic Heating Circuit 2 Pelletronic Domestic Hot Water 1 Pelletronic Solar 1 Circuit 1 Pellermatic 1 Pellermatic 2	Pelletronic Heating Circuit 1 Operating Mode Off Set Room Temp For the set Back Temp F	
System Configuration	Heat Curve 0.4 00 42 r Base Point 0 68 rF H Lim Heat 0 572 rF	
	H Lim Set B 19.4 'F Off	
	Room Temp Hyst D Tr Time Prog 1 D Tr	

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.

	THEATING Europe's specialist in pellet heating	To ÖkoFEN Homepage
Pelletronic System Pelletronic Heating Circuit 1	Pelletronic System	
Pelletronic Heating Circuit 2 Pelletronic Domestic Hot Water 1 Pelletronic Solar 1 Circuit 1 Pellematic 1	Master Operating Mode 🎤 👞 💌	
Pellematic 2 Pellematic 3 Pellematic 4		
System Configuration		

6.2.1 Pelletronic System

Pelletronic system displays the system operating mode.

Ök PELLE	T HEATING Europe's specialist in pellet heating	To ÖkofEN Homepage
Menu Measuring values Errors Coo	te input Wednesday 07.04 - 08:58 h	Logout
Pelletronic System	Pelletronic System	
Pelletronic Heating Circuit 2 Pelletronic Domestic Hot Water 1 Pelletronic Solar 1 Circuit 1 Pellematic 1	Master Operating Mode 🥒 auto 🖃	
Pellematic 2 Pellematic 3 Pellematic 4		
System Configuration		

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.

Č Ök Pelle	OFEN T HEATING Europe's sp	ecialist in pellet heat	ing To Ökc	DFEN Homepage
Menu Measuring values Errors Co	de input Thursday 08.07 - 11:0	16 h		Logo
Peletonic System Peletonic Kealing Cricuit 1 Peletonic Kealing Cricuit 2 Peletonic Contexto Kol Water 1 Peletonic Solar 1 Circuit 1 Peletonic Solar 1 Circuit 1 Pelematic 2 Pelematic 3 Pelematic 4 System Configuration	Operating Mode Image: Constraint of the constraint of	g Circuit 1		
	Day	Time 1	Time 2	Time 3
	<u> Monday</u>	01:00 - 09:00	09:00 - 09:00	00:00 - 00:00
	J. Tuesday	01:00 - 07:00	07:00 - 07:00	00:00 - 00:00
	<u> Wednesday</u>	01:00 - 07:00	07:00 - 07:00	00:00 - 00:00
	<u> Thursday</u>	01:00 - 07:00	07:00 - 07:00	00:00 - 00:00
	Priday	01:00 - 07:00	07:00 - 07:00	00:00 - 00:00
	Saturday	01:00 - 07:00	07:00 - 07:00	00:00 - 00:00
	✓ <u>Sunday</u>	01:00 - 07:00	07:00 - 07:00	00:00 - 00:00

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.

Kong Measuring values Errors Cod	HEATING Europe's s	specialist in pellet heati	ing To Öko	oFEN Homepage
Pelletronic System Pelletronic Heating Circuit 1 Pelletronic Heating Circuit 2 Pelletronic Somest Circle Water 1 Pelletronic 1 Pelletronic 1 Pelletronic 1 Pelletratic 2 System Configuration	Pelletronic Dome	stic Hot Water 1	13	0 11 00
	Day	Time 1	Time 2	Time 3
	Monday	09:00 - 13:00	15:00 - 1 7:00	00:00 - 00:00
	Zuesday	09:00 - 13:00	15:00 - <mark>1</mark> 7:00	17:00 - 17:00
	<u> Wednesday</u>	09:00 - 13:00	15:00 - 17:00	17:00 - 17:00
	P Thursday	09:00 - 13:00	15:00 - 17:00	00:00 - 00:00
	Priday	09:00 - 13:00	15:00 - 17:00	17:00 - 17:00
	Saturday	00:00 - 00:00	00:00 - 00:00	00:00 - 00:00
	Sunday	00:00 - 00:00	00:00 - 00:00	00:00 - 00:00

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.

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6.2.6 Pellematic

Note: PELLET HEATING Europe's specialist in pellet heating To ÖkoFEN Homepage controller. lues | Errors | Code input Tuesday 29.06 - 10:39 System Pellematic 1 P137 refill capacity P138 save capacity 123.8 °E Off operating manual. P160 Auger Trim P161 Ext.Auger delay stem Configuration P170 Call mode P171 Fault outp.mode P172 blink time P173 blink impulses

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.

6.2.7 System Configuration

P180 Accu Pump Mode 🎜 P183 time o. AV-voll 🧳 🥒

P191 Hrs. b4 clean'g 🥒

P192 Cleaning time P193 Hrs. b4 washing 🥒 14

P194 Washing time P195 Mns.b4 Ash comp 🎤 👍 P196 Ash compr.time 🥒 🛛

P187 runt.ext.auger P188 stopt.ext.auger P189 Cleaning Hour 1 🥒 P190 Cleaning Hour 2

73

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Uh

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 gualified network technician.

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

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

Description of the Pelletronic Online Website



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E	ÖKOFEN PELLET HEATING Europe's specialist in pellet heating	
	·	To ÖkoFEN Homepage
Menu Measuring valu	ues Errors Code input Tuesday 15.11 - 10:06 h	Logout
Software:	V1.7	
System designation	Schreibtisch Lembach	
Other information		
Mailserver	/ mail.gmx.net	
AuthUser		
AuthPass	P	
Email Sender	✓ hznk@gmx.at	
Email Recipient		
Email Recipient	1	
Email Recipient		
Email Recipient	1	
Email Recipient	D	
Language Statistics	P Englisch	
Celsius/Fahrenheit	Delsius	
DynDNS Hostname	1	
DynDNS Password		
DynDNS Login		
Disable Standby Route	er 🖉 Off 🖃	
	Testmail	
	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.

Description of the Pelletronic Online Website



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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 ttime into standby, the stanby 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.





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 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.



To OKOFEN Homepage					
Errors	Errors				
	P220 Pellematic 1 Error	no error			
	P220 Pellematic 2 Error	no error			
	P220 Pellematic 3 Error	no error			
	P220 Pellematic 4 Error	no error			
	Outside Sensor	no error			
	Flow Sensor Heating Circuit 1	no error			
	Flow Sensor Heating Circuit 2	no error			
	TRO	no error			
	TPM	no error			
	Collector SQ1				
	TPU 1 SO1	no error			
	Boiler Sensor	no error			
	Supply Pellematic 1	no error			
	Supply Pellematic 2	no error			
	Supply Pellematic 3	no error			
	Supply Pellematic 4	no error			

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.



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.

Č Ök	TOFEN ET HEATING Europe's	specialis	t in pellet heating	To ÖkoFEN Hon	nepage
Pelletronic measuring values Pellematic 1	Pelletronic measure	suring v	alues	00-10:5311	Logoui
Pellematic 2			Statistics		
Errors	Outside Temperature	75.56 °F	• YES C NO		
CSV Files CSV file to create	DHW 1 set	122 °F	€ YES € NO		
Reset statistics	Pump DHW 1	0	€ YES C NO		
	SO1 Col	123.08 °F	· YES C NO		
	S01 TPU 1	110.12 °F			
	SO1 Pump 1	60 %	€ YES C NO		
	Flow 1	80.42 °F			
	Flow 1 set	46.4 °F	€ YES C NO		
	Room T 1 set	46.4 °F	€ YES € NO		
	Pump Heat Circ1	0	€ YES C NO		
	Flow 2	77.36 *F	€ YES C NO		
	Flow 2 set	46.4 °F	€ YES C NO		
	Room T 2 set	46.4 °F	● YES C NO		
	Pump Heat Circ2	0	€ YES C NO		
	TPO 1	138.56 °F			
	TPO 1 set	95 °F	€ YES € NO		
	TPM 1	135.14 °F			
	TPM 1 set	131 °F	• YES O NO		
	Boiler 1	123.8 °F	● YES ○ NO		
	Boiler 1 set	46.4 °F			
	Boiler 2 set Save Cancel	46.4 °F	● YES C NO		

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.



are updated.

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.

Internet Zugriff auf Heizung noch nicht bereit. Bitte warten
Internet access to your heating not available. Please wait
Username:
Password:

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

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.



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 menunetwork connection.



- 4

Netzwerkgerät deaktivieren
 Verbindung reparieren
 Verbindung umbenennen
 Status der Verbindung anzeigen
Intel(R) 82578DM Gigabit Network Connection





Terrenord		
erbindung herstellen	i über:	-
🕎 Intel(R) 82578[OM Gigabit Network C	Konfigurieren
iese Verbindung ver	wendet folgende Elemer	nte:
🗹 🖳 Client für Mid	crosoft-Netzwerke	
🗹 <u> []</u> Datei- und D	ruckerfreigabe für Micro	soft-Netzwerke
🖌 🔲 Olas Daliata	laner	
🗉 📷 Quo-raketp	iditor	
 Weight and the second se	okoll (TCP/IP)	
 Internetproto 	okoll (TCP/IP)	
Installieren	okoll (TCP/IP)	Eigenschaften
Installieren	Deinstallieren	Eigenschaften
Installieren Beschreibung	bkoll (TCP/IP) Deinstallieren dardprotokoll für WAN-Ne	Eigenschaften etzwerke, das den
Installieren Beschreibung TCP/IP, das Stand Datenaustausch ü	Deinstallieren Jardprotokoll für WAN-Ni ber verschiedene, mitein	Eigenschaften etzwerke, das den ander verbundene
Installieren Installieren Beschreibung TCP/IP, das Stanc Datenaustausch ü Netzwerke ermögli	Deinstallieren Deinstallieren dardprotokoll für WAN-Ne ber verschiedene, mitein cht.	Eigenschaften etzwerke, das den ander verbundene
Installieren Installieren Beschreibung TCP/IP, das Stand Datenaustausch ü Netzwerke ermögli	bkoll (TCP/IP) Deinstallieren Jardprotokoll für WAN-Ne ber verschiedene, mitein cht.	Eigenschaften etzwerke, das den ander verbundene
Installieren Installieren TCP/IP, das Stand Datenaustausch ü Netzwerke ermögli Symbol bei Verbin	Deinstallieren Jardprotokoll für WAN-Ne ber verschiedene, mitein cht.	Eigenschaften etzwerke, das den ander verbundene eigen eingeschränkte ode

Click properties

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



Einstellungen können automatisch stzwerk diese Funktion unterstützt. n Netzwerkadministrator, um die g ziehen.	h zugewiesen Wenden Sie eeigneten IP-	i werde sich a Einstel	en, wenn da indernfalls a llungen zu	an
IP-Adresse automatisch bezieh Sinderse automatisch bezieh	ien			
IP-Adresse:				
S <u>u</u> bnetzmaske:		- 23		
<u>S</u> tandardgateway:		16	18	
C D <u>N</u> S-Serveradresse automatisc	ch beziehen			
Folgende DNS-Serveradresser	n <u>v</u> erwenden:			
<u>B</u> evorzugter DNS-Server:			•	
Alternativer DNS-Server:		-	•	
			Frweit	ert

Convert to: Use the folowing 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 settlings 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.



Pelletronic Online Software update



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3.



4.





Pelletronic Online Software update

5.



6.



7.



Installation Manual Pelletronic Online



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 Forewarding
- · 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

Terms of guarantee



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	
Solar collectors	

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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