Installation and registration
froeling-connect

Translation of the original German operating instructions
Read and follow the instructions and safety information!
Technical changes, typographical errors and omissions reserved!
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1 Preparing the boiler for connection to the internet

1.1 System requirements

You will need the following to connect to your boiler using froeling-connect:

- a Froling boiler with boiler touch display
  - at least the following software on the Lambdatronic core module
    - version: V 50.04
    - build: B 05.09
  - at least the following software version on the touch display
    - version: V 60.01
    - build: B 01.23
- a broadband internet connection
- the possibility to connect to the home network using a network cable
- an end device which connects to the internet:
  - a PC with a suitable browser, e.g. Internet Explorer, Mozilla Firefox, Google Chrome (web browser versions should not be older than two years)
  - a smartphone or tablet with Android or iOS operating system and mobile internet access

The current software version installed is displayed on the info menu on the boiler touch display:

![SYSTEM INFORMATION](image)

NOTICE! Froling customer services may need to perform a software update for you to be able to use this system.
1.2 Setting operator data

In order for the connection with froeling-connect to function properly, it is essential that the facility name be set correctly in the controller.

- Go to the “Boiler” menu

- Open the general settings from the “Boiler” menu
- Depending on the boiler type, move down to the last entry by using the “DOWN arrow” key

- Open the “Operator data” sub-menu

- Click on the “Facility name” parameter to change the settings
The facility name is a unique identification number for the boiler which can be found on the identification plate:

<table>
<thead>
<tr>
<th>Boiler type</th>
<th>T4-70</th>
</tr>
</thead>
<tbody>
<tr>
<td>designation of the machinery / boiler class</td>
<td>heating boiler according to EN 303-5 / class 5</td>
</tr>
<tr>
<td>production number / year of construction</td>
<td>100123456.X</td>
</tr>
<tr>
<td>nominal heat output / heat output range</td>
<td>69 kW / 20.7 - 69 kW</td>
</tr>
<tr>
<td>nominal fuel input rate</td>
<td>73.5 kW</td>
</tr>
<tr>
<td>permitted fuel according to EN 14961</td>
<td>part 2: wood pellets D06 class A1 part 4: wood chips P16A-P45A class A2</td>
</tr>
<tr>
<td>max. allowable operating temperature</td>
<td>90°C</td>
</tr>
<tr>
<td>max. allowable operating pressure</td>
<td>3 bar</td>
</tr>
<tr>
<td>water content</td>
<td>220 l</td>
</tr>
<tr>
<td>electrical connection / wattage</td>
<td>400 V ; 50 Hz ; 16 A / 54 - 193 W</td>
</tr>
</tbody>
</table>

The identification plate displays a 9-figure facility name and a letter which represents the year of manufacture.

In the example above: 100123456.X
- Facility name: 100123456
- Code for year of manufacture: X

NOTICE! Only the 9-figure number needs to be entered as the facility name. If the number on the identification plate on your boiler is not a 9-figure number like the one shown above, please contact customer services. Froling will then provide you with the number.

- Enter the facility name
  - Enter the number as it is on the identification plate minus the “.” and the “letter”:
    100123456.X (identification plate) → 100123456 (number entered into controller)
- Save your entry by tapping the confirm symbol
1.3 Setting up the network connection

The boiler touch display can be used to connect the system to a local network (LAN). This connection is equipped with a cable coupling into which a network cable can be plugged for direct connection.

- Switch off the boiler by tapping “Boiler off”
- Switch off the main switch and remove the controller cover
- Connect the network cable running from the network splitter (modem, router, switch, etc.) to the boiler by plugging it into the cable coupling

**NOTICE**

Be careful not to plug the LAN cable into the control bus on the boiler controller - it should only be plugged into the cable which is clearly marked “Ethernet”. The LAN connection must not be plugged directly into the circuit boards!

- Replace the controller cover and turn the device back on at the main switch
  ➡️ After rebooting, froeling-connect will initially be deactivated (symbol in upper left-hand corner)
Network settings

The use of DHCP is automatically set to “ON” in the network settings on the touch display. If the connection to the home network is set up correctly, the boiler will automatically obtain an IP address (network address for the boiler in the home network). Before activation, you should check the network settings for froeling-connect:

- Open the info menu and navigate to the “FROELING CONNECT” view
  - Correct values must be displayed for the IP address, subnet mask, standard gateway and DNS server (not 0.0.0.0)

If a correct address has not been obtained after restarting the system, switch DHCP off and on again to reattempt connection. To switch DHCP off and on or to change the network settings (e.g. to disconnect DHCP and set up a fixed IP address on the home network), you will need to carry out the following steps:

- Open the network settings menu
  - System menu -> Display settings -> General -> Network settings
- Click on the parameter you wish to change
Preparing the boiler for connection to the internet
Setting up the network connection

**activating froeling-connect**

- Click on the symbol in the upper left-hand corner of the start screen
  - the Connection Center is displayed

- Click on the upper symbol: “activate froeling-connect”
  - the boiler will now attempt to establish an internet connection

The symbol in the upper left-hand corner of the start screen or the message in the info menu will indicate that the system is trying to establish a connection:

If an internet connection is available, the symbol will change on the start screen to an internet symbol. In the info menu, the status changes to “Internet available”

The boiler is now set up for connection via froeling-connect.
1.4 Changing the display password

You will need the display password in order to connect to the boiler via froeling-connect. The current display password is shown in the info menu:

- Open the info menu and navigate to the “FROELING CONNECT” view
  - The display password can be found at the bottom and is set as standard to “-1”.
  - In order to connect using froeling-connect, this password must be changed.

- Open the password settings menu:
  - System menu -> System -> Display operating rights -> Froeling Connect

This menu can be used to change the password for the boiler touch display, as well as seven other touch displays (room consoles) in the system.

- Select the parameter you wish to change and enter a new password (0 - 9999)
  - The same password may be used for all touch displays.
1.5 Activating remote control using froeling-connect

In addition to the basic functions, the user is also able to enable direct switching on and off of the boiler via the “Remote control” function of froeling-connect. This function is deactivated as default and can only be activated in the “Service” user level:

☐ Navigate to the “Boiler remote control” menu:
   ➔ System menu -> System -> System selection -> Boiler remote control

☐ Select the parameter "Remote control of the boiler can be activated"
   ➔ An additional symbol appears on the start screen alongside the network connection status symbol.
If the remote control symbol appears in green, the boiler can be switched on and off remotely using froeling-connect. A new page appears in the Connection Center in order to deactivate the remote control:

- Click on the lower symbol
  - remote control is deactivated and the Connection Center is closed
  - the deactivated remote control symbol appears on the start screen alongside the network connection status symbol
2 Registering a user account

Registration is required in order to be able to connect to the boiler via froeling-connect:

- go to www.froeling-connect.com

- Click on “Register” in the top menu
  - You will be presented with a form to fill out to register as a user

- Fill out the fields to complete the registration (those marked with * are required fields)
  - In “User name (e-mail)” enter the e-mail address to which the confirmation mail will be sent to complete the registration process.
  - The password must be at least 6 characters long
  - The e-mail address will also be used for future status messages
  - See "Activating error notification" [page 15]

- Complete the registration by clicking on “Send registration”
  - An e-mail with a confirmation link will be sent to the e-mail address you entered
  - The registration process is completed once you have clicked on that link
3 Using froeling-connect to connect to your system

Once you have successfully registered your user account, the system will need to be set up in froeling-connect.

- go to www.froeling-connect.com
  - The login window will be displayed

- Log in using your user name and password
  - the froeling-connect user page will be opened

The first time you log on you will be presented with a screen informing you that no system has been set up yet:

- Click on “Register first facility”
  - you will be presented with a form to fill out to register a system
Complete all the necessary fields on the registration page

- The “Facility name” and “Display password” fields are essential for establishing a successful connection to the boiler
- The “Description” field is the name of the system in froeling-connect
- The other fields are optional and do not need to be filled out If one user registers several different systems, we recommend filling out all the fields so as to distinguish easily between them

The facility name and display password are displayed on the “FROELING CONNECT” page in the info menu on the boiler touch display:

- The bottom two parameters are the ones you will need to register the system
Once you have entered the data for the system, you will be presented with a list of available systems:

- Click on the “Connect” button for the system required
  - Depending on your internet speed, it may take approx. 20 - 40 sec. to establish connection
  - Once the system has connected successfully, you will be presented with a start page with an overview of the system components
4 Activating error notification

In order to receive information on changes in status or error conditions, you will need to activate error notification in the user settings.

- Select “Settings” from the “User” menu
- Click on “Contact information” in the user settings
- Click on the pen symbol in the required row
  - you will be presented with an editing window
Click on “Error notification” to activate it

Save the contact information by clicking on “Update”