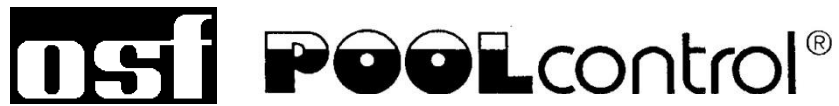


Network connection



PC-230-smart with Internet facility

Part no. 310.000.1230



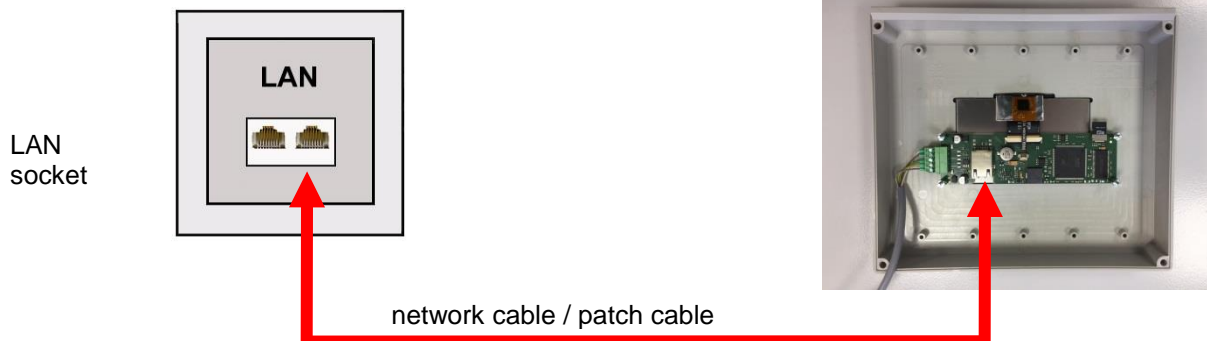
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Connecting the osf control unit to the Internet

Please refer to the Installation and Operating Instructions for the relevant control unit. These instructions deal only with additional guidance.

Access to the Internet is provided via the osf communication server. Use a standard patch cable (network cable) to connect the osf control unit to the network socket, the Powerline adapter, the Wireless LAN access point or other suitable installation. The LAN socket in the device is located on the back of the front panel (behind the display).



Wait until you have connected the osf control unit to an active network socket before switching on the power supply. The osf web server in the osf control unit then automatically locates the osf communication servers and registers itself with the server databases.

Using the osf communication server

There are four servers available for communication. They each display different information, designed to suit the needs of different user groups.

<p>Mypool.osf.de</p>	<p>This server is designed for pool owners. The entire pool system including all web-enabled osf products is displayed on one page on the monitor. The key data for all devices can be retrieved with a single tap of a button.</p>	
<p>Service.osf.de</p>	<p>This server is designed for pool installers. The top-level page shows all registered pool installations in a clear layout on the monitor. All main parameters and any fault indicators for every customer system are visible at a glance.</p>	
<p>Devices2.osf.de</p>	<p>This server provides the usual technical view for all connected osf devices</p>	<p>Geräteübersicht</p>
<p>Devices.osf.de</p>	<p>For the time being it is still possible to use this familiar server, which has been available for many years. For new installations, however, we recommend the "mypool.osf.de" and "service.osf.de" servers, and "devices2.osf.de".</p>	<p>Geräteübersicht</p>

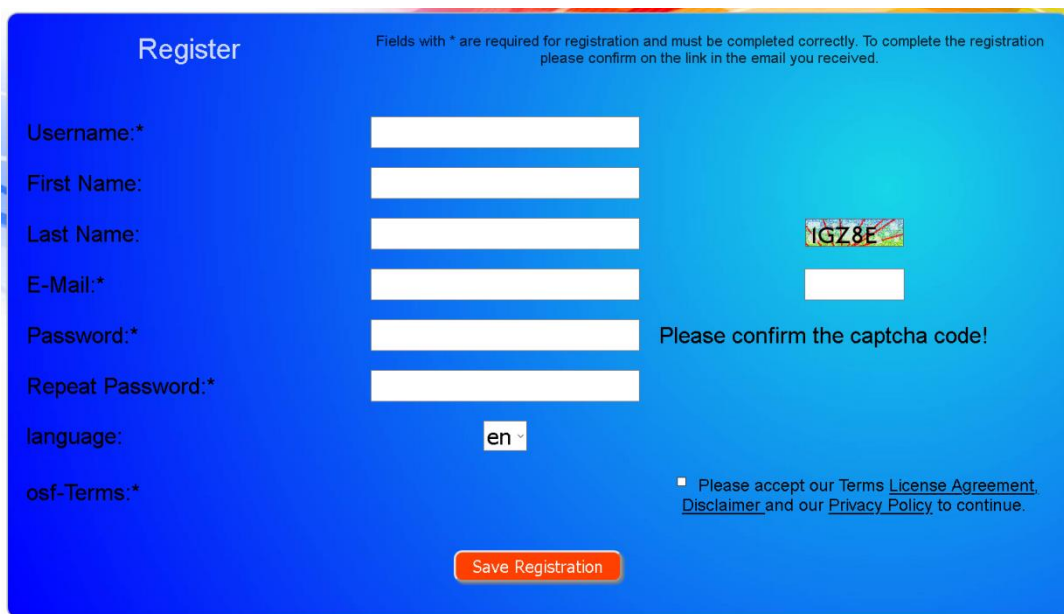
Communication server for pool owners

You can access this osf communication server at the address mypool.osf.de



The screenshot shows the login interface of the communication server. At the top, there is a logo for 'OSF CONTROLS' and the text 'Online-Device-Control'. There are also flags for Germany, United Kingdom, Czech Republic, and France. Below the header, there are buttons for 'Imprint', 'Privacy Policy', and 'Register'. The main content area is a blue box titled 'Login' with two input fields for 'Username:' and 'Password:'. Below these fields are buttons for 'Forgot Password' and 'Login'.

As a new user, you must first register:



The screenshot shows the registration interface. The title is 'Register'. A note states: 'Fields with * are required for registration and must be completed correctly. To complete the registration please confirm on the link in the email you received.' The form includes input fields for 'Username:*', 'First Name:', 'Last Name:', 'E-Mail:*', 'Password:*', and 'Repeat Password:*'. There is a language dropdown menu set to 'en'. A captcha image with the code '1GZ8E' is displayed, along with a text prompt 'Please confirm the captcha code!'. A checkbox is present with the text 'Please accept our Terms [License Agreement](#), [Disclaimer](#) and our [Privacy Policy](#) to continue.' At the bottom, there is a 'Save Registration' button.

Within a few minutes you should automatically receive an e-mail for confirming your identity. (Check your Spam folder if the e-mail does not arrive). Click the activation link in the e-mail to activate your account.

Registering a new device with the server

Once you have personally registered, you can log in and then register your new device in your user profile.

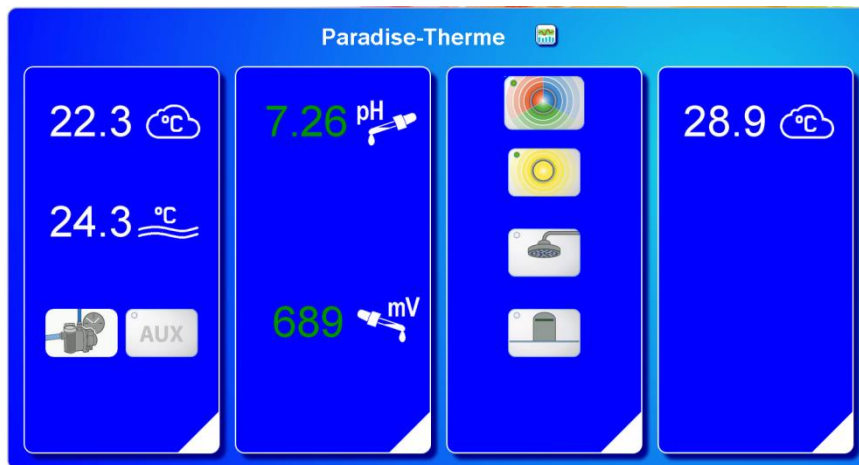
Each web-enabled osf control unit has a DEVICE ID (identification number). This DEVICE ID must be entered in the correct column in order to register the device with the communication server. You can find the DEVICE ID of your device displayed on its Information page.



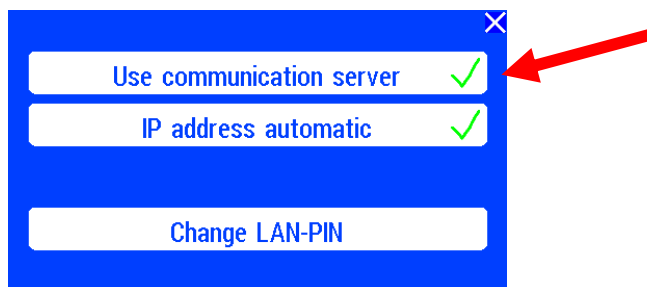
When finished, save the information you have entered.

Nr	Object name	ID #1	ID #2	ID #3	ID #4
1					
2					
3					
4					

If you press the “Your devices” button, your device is now displayed in your Device panel and can be operated via the communication server:



In order to use the communication server, the option "Use communication server" must be enabled in the control unit itself (default factory setting):

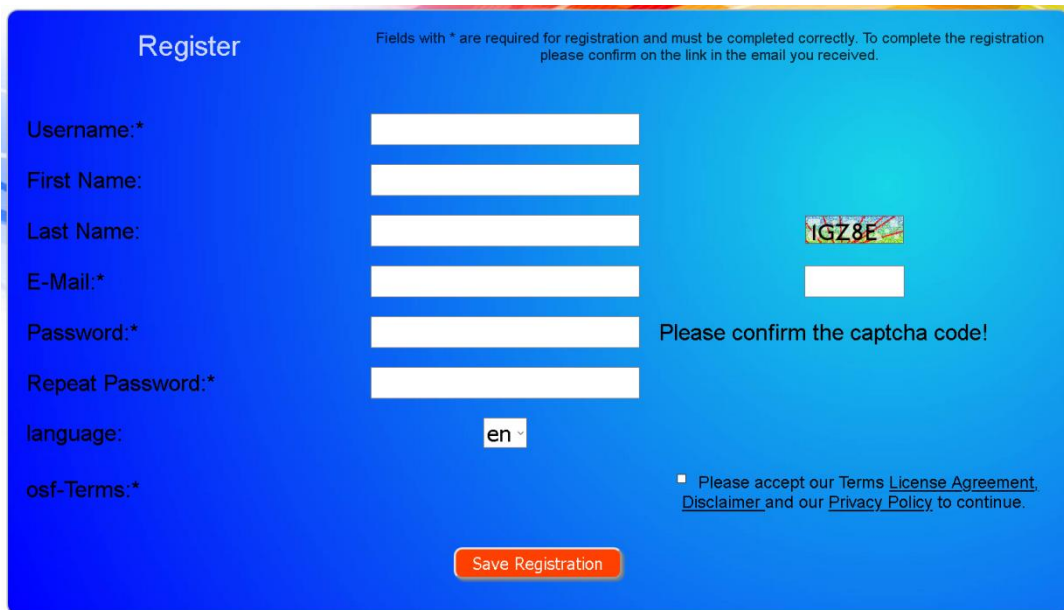


Communication server for pool installers

You can access this osf communication server at the address service.osf.de



As a new user, you must first register:



Within a few minutes you should automatically receive an e-mail for confirming your identity. (Check your Spam folder if the e-mail does not arrive). Click the activation link in the e-mail to activate your account.

Registering a new device with the server

Once you have personally registered, you can log in and then register your new device in your user profile.

Each web-enabled osf control unit has a DEVICE ID (identification number). This DEVICE ID must be entered in the correct column in order to register the device with the communication server. You can find the DEVICE ID of your device displayed on its Information page.



When finished, save the information you have entered.

Nr	Object name	ID #1	ID #2	ID #3	ID #4
1					
2					
3					
4					

If you press the "Your devices" button, your pool installations are now displayed in your Device panel. This lists the pool installations for all your customers in a table. You can see all the main information at a glance. Fault indicators are highlighted for each pool individually. To display and operate a specific device via the communication server, simply press the associated button for this device:

Connected to the osf communication server

Server connection lost at ...

Customer name

The Paradise-Therme baths contain 4 web-enabled osf devices

Display graphs

In order to use the communication server, the option "Use communication server" must be enabled in the control unit itself (default factory setting):

Communication server with technical view

You can access this osf communication server at the address devices2.osf.de

The screenshot shows the login interface of the OSF Online-Device-Control system. At the top, there is a navigation bar with the OSF logo, the text 'Online-Device-Control', and flags for Germany, the United Kingdom, and France. Below the navigation bar are buttons for 'Imprint', 'Privacy Policy', and 'Register'. The main content area is a blue box titled 'Login' containing two input fields: 'Username:' and 'Password:'. Below these fields are two buttons: 'Forgot Password' and 'Login'.

As a new user, you must first register:

The screenshot shows the registration interface of the OSF Online-Device-Control system. The page is titled 'Register' and includes a warning: 'Fields with * are required for registration and must be completed correctly. To complete the registration please confirm on the link in the email you received.' The registration form consists of several input fields: 'Username:*', 'First Name:', 'Last Name:', 'E-Mail:*', 'Password:*', and 'Repeat Password:*'. There is also a 'language:' dropdown menu set to 'en' and a checkbox for 'osf-Terms:*'. To the right of the form is a captcha image with the code '1GZ8E' and a corresponding input field. Below the captcha is the text 'Please confirm the captcha code!'. At the bottom of the form is a 'Save Registration' button. A checkbox at the bottom right of the form is accompanied by the text: 'Please accept our Terms [License Agreement](#), [Disclaimer](#) and our [Privacy Policy](#) to continue.'

Within a few minutes you should automatically receive an e-mail for confirming your identity. (Check your Spam folder if the e-mail does not arrive). Click the activation link in the e-mail to activate your account.

Registering a new device with the server

Once you have personally registered, you can log in and then register your new device in your user profile.

Each web-enabled osf control unit has a DEVICE ID (identification number). This DEVICE ID must be entered in the correct column in order to register the device with the communication server. You can find the DEVICE ID of your device displayed on its Information page.



When finished, save the information you have entered.

Nr	Object name	ID #1	ID #2	ID #3	ID #4
1					
2					
3					
4					

Submit

Complete the form

Enter the DEVICE ID

If you press the "Your devices" button, your device is now displayed in your Device panel and can be operated via the communication server:

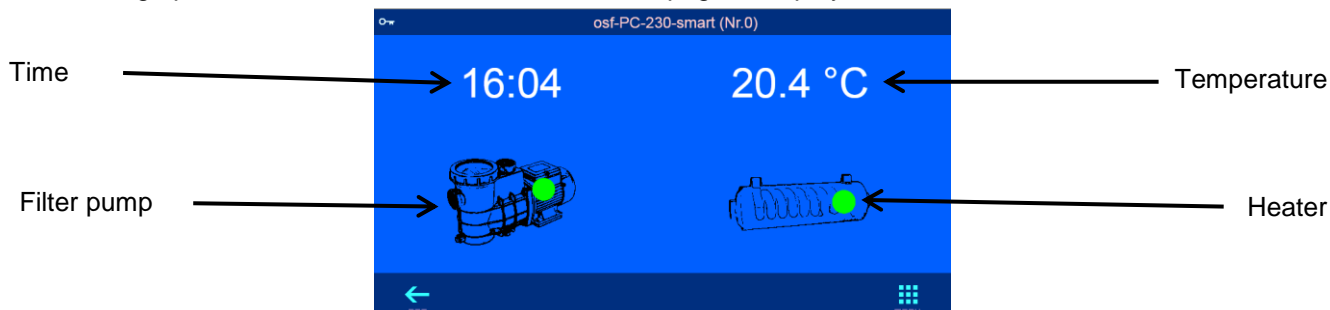
In order to use the communication server, the option "Use communication server" must be enabled in the control unit itself (default factory setting):

Operation of the web server

After the device has established a network connection, it can be operated using the integrated web server. Communication with the web server can take place with any web browser. For connections from the Internet, access can be made using the communication server. Alternatively, with local access, the IP address of the device (see network menu) can also be entered directly in the address line of the browser.

Start page

After calling up the device in the web browser, the start page is displayed first:



Icons in the status bar (top of screen)



The web server is blocked for access from the LAN. Only the current status is displayed. In order to operate the device, the user must first log in after clicking this symbol.

The web server has been opened with the user PIN.

Icons in the control bar (bottom of screen)

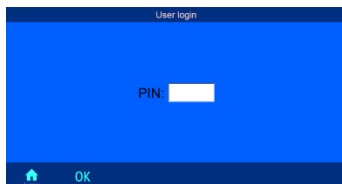


Navigation to the System Information Page

Navigation to the home page

Navigation to the main menu

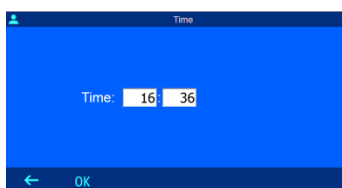
User login



On this page, the operator must log in to the device by entering the user PIN (factory setting 1234) so that operation is permitted.

Setting the time

If you click on the time display, a page for setting the time appears.

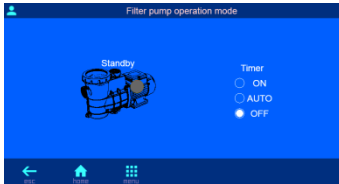


Setting the temperature

When you click on the temperature display, a page for setting the desired water temperature appears.



Controlling the filter pump



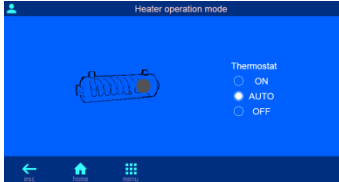
After clicking the pump symbol, the operating mode of the filter pump can be selected. The following settings are possible:

ON: The pump is switched on continuously regardless of the timer.

AUTO: The filter pump is controlled by the timer.

OFF: The filter pump is permanently switched off.

Controlling the heating



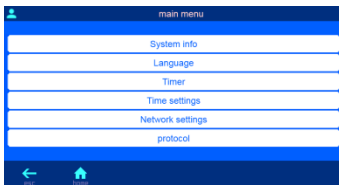
After clicking the heating symbol, the operating mode of the temperature control can be selected. The following settings are possible:

ON: The heating is switched on continuously, regardless of the thermostat, as long as the filter pump is running (e.g. for test purposes or if the temperature is controlled externally).

AUTO: The heating is controlled by the temperature controller.

OFF: The heating is switched off permanently.

Main menu



From the main menu, various settings can be recalled for control.

System information page



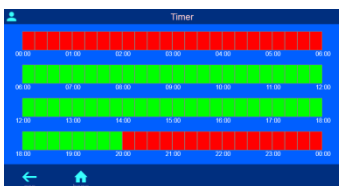
System information of the device is displayed on this page, e.g. serial number and software version. The logged on user can also read the current IP address for access from the local network and the device ID for access via the osf communication server.

Language selection



The language of the text display can be selected on this page.

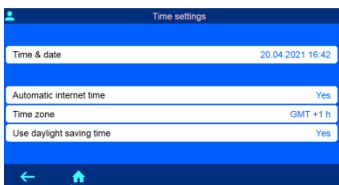
Setting the timer



The timer for the filter pump can be programmed on this page.

The individual fields in the time diagram change color when you click them. Red means switched off, green means switched on.

Time and date settings



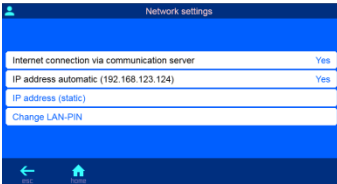
The time and date can be set on this page.

Settings for automatic synchronization of the built-in clock with the Internet can also be made.

Network settings

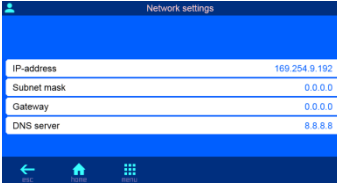
The connection to the osf communication server can be activated or deactivated on this page.

You can also specify whether the device automatically gets its IP settings from the network (DHCP).



Static network addresses

The IP addresses of the device can also be specified manually on this page if they are not to be obtained automatically from the DHCP server.



Change user PIN

The PIN number for the user can be changed on this page. If the PIN is set to "0000", no login with PIN entry is required. The factory setting is "1234".

Remember or write down the PIN!



Update

The osf control unit has a software update facility. This requires that the osf control unit is connected to the Internet. You can perform the update via the WEB interface of the communication server.

Checking for updates

You can use this function to check whether an update is available for your device.

1. Log in as usual to the communication server.
2. Then log in to the device with the User PIN
3. In the Home page, press the "esc" button.
4. On the system information page, press the "Check for Update" button
5. You can now start the download and install the update

