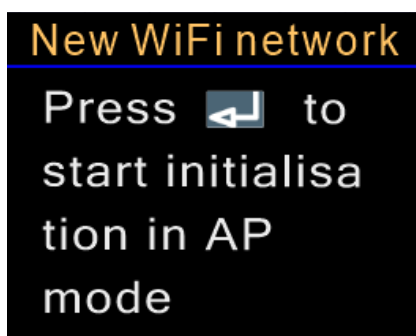


A new method for Internet connection

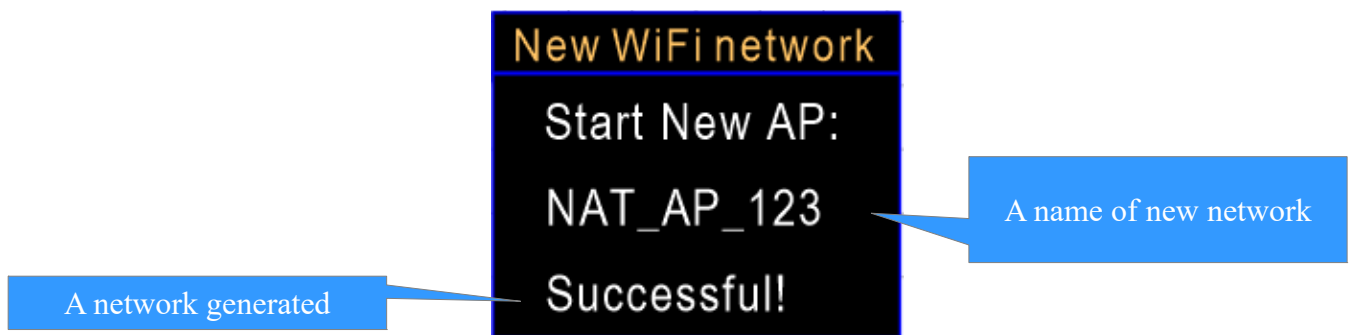
User manual

Water heater can be monitored and controlled remotely through “Naturela Smart Home” or “My Eldom” application. So it is necessary the controller has access to Internet via the built-in WiFi module. The instruction describes the steps for connection WiFi module to the home WiFi network only through a controller itself, without the need to use a smartphone or a tablet. The procedure is the next:

Select “New WiFi network” row from the main menu of the controller. The screen below will appear:

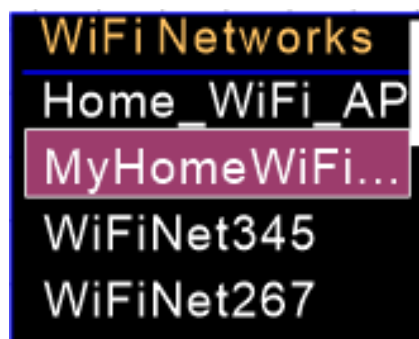


Press "↵" button and modem will switch to mode AP. A new WiFi network will create for configuration. The next screen with network name will display:



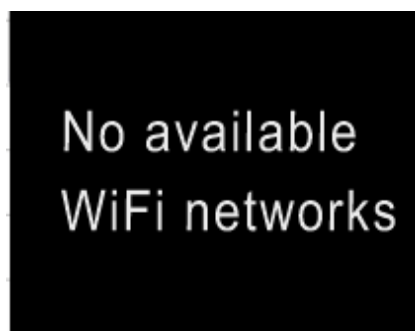
When switching to AP mode, WiFi module starts searching for available WiFi networks and after a few seconds a new screen is displayed containing a list of found WiFi networks sorted by signal level (those with the best signal are at the top of the list).

The available WiFi networks screen looks like this:



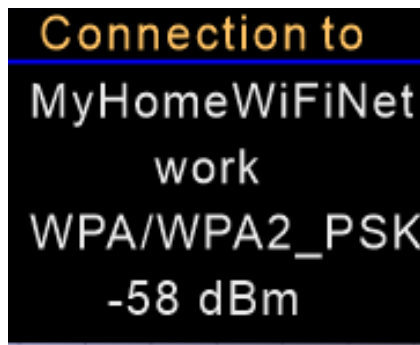
Due to the limited number of characteristics that can be displayed on the screen, longer network names are partially displayed as shown on the screen above (abbreviated names end with an ellipsis...).

If WiFi module doesn't find any network, the following message will displayed:



„ WiFi networks“ screen works as follows:

- “▲” and “▼” buttons move the marker to the current network;
- “On/Off” button interrupt the procedure and return to the main menu;
- “⌵” button displayed more detail information about selected network;



On this screen the name of network is displayed on the two lines, allowing longer network names to be displayed. The third row displays information about the encoding method. The variants are the following:

- Open
- WEP
- WPA/WPA2_PSK

ATTENTION!

The working encoding methods are Open and WPA/WPA2_PSK

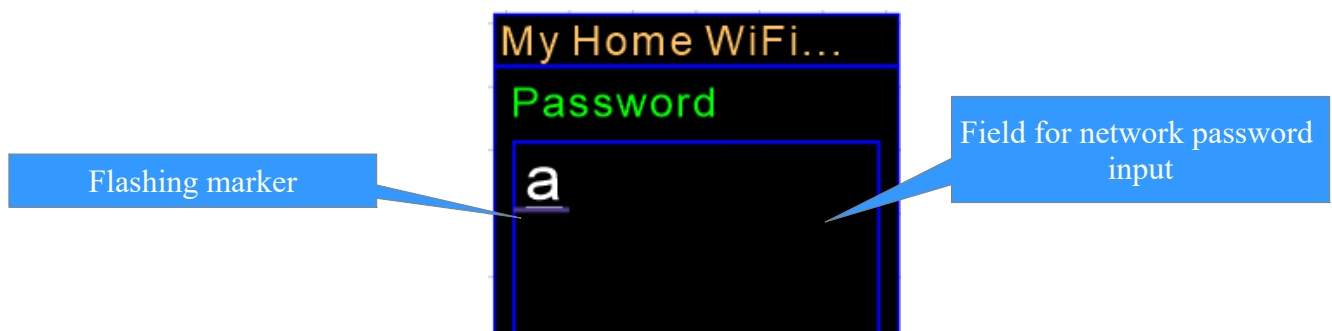
In the first case, the network is Open and a password is not required to connect to it. The last line shows the signal level.

By pressing the button “ On/Off” or after 15 seconds without pressing the button is possible to return to the list of networks.

Confirmation of the network to which the controller should be connected is done by pressing a button "↵".

If the network is “Open”, the procedure ends and you have to check the successful connection of the controller to My Eldom server or Naturela Smart Home server from “ WiFi connection” information screen.

If a password is required to connect to the network, the following screen is displayed:



At the title displays the network name, which may be abbreviated, with an ellipsis at the end, as in the “ WiFi networks” screen. In the field “ Password ” the password of the network must be

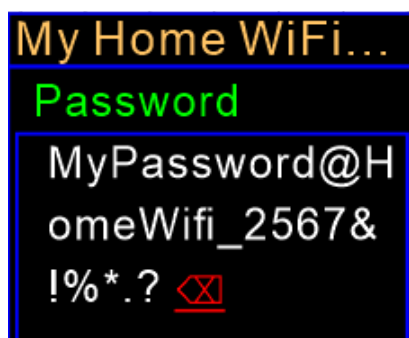
entered, which is done as follows:

The flashing marker indicates the last symbol entered, which can be changed through buttons “▲” and “▼”. The order of the characters are the next:

abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ !@%&*-.?
0123456789 ◀

When the required character is reached by pressing of button "↵" , it is added to the password entered and marker moves to the next position. If the deleting is required, have to find and select the symbol ◀. For confirmation choose button "↵".

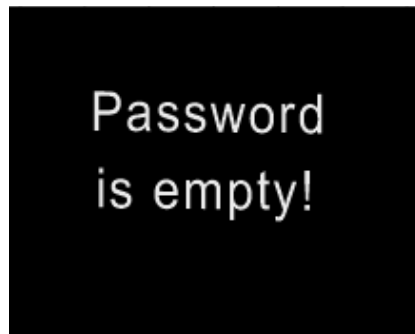
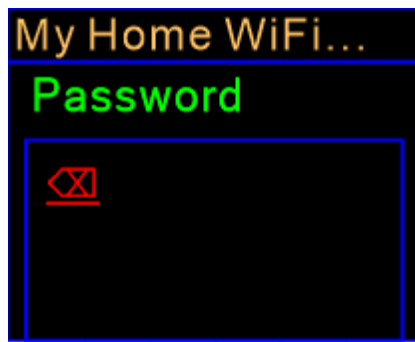
Thus deletes the last character of the password entered and moves the marker one position to the left. The password is limited up to 30 symbols or to filling the three lines of the password input field. The screen below shows how the field would look like if a longer password is entered.



When the password is entered , for confirmation press **“On/Off” button.**

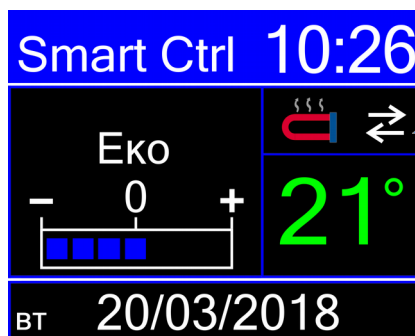
IMPORTANT! The last character above the flashing marker is considered as a part of password, unless is the special character for deleting ◀.

If the password input screen is confirmed with an empty password as shown below, then a message is displayed that the password is required for successful connection and the procedure is aborted.

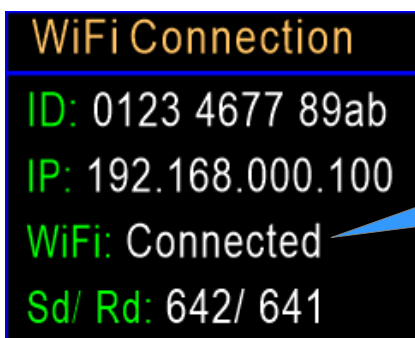


After successfully confirming the network password, the controller returns to the main menu and WiFi module re initializes. It attempts to connect to the selected WiFi network, which normally takes a few seconds.

The connection indicator appears on the main screen of the controller, if the connection to the WiFi router is successful. When a connection to the system server is established, “Connected” is displayed on the information screen” WiFi connection”.



WiFi router connection indicator



Connection to the server has been established