

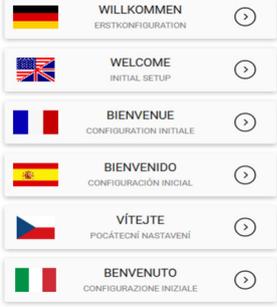
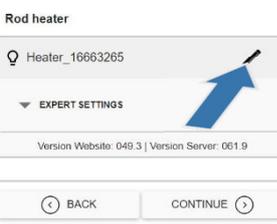
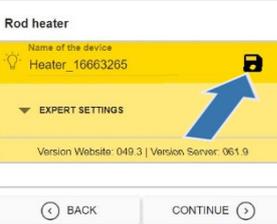
Contents

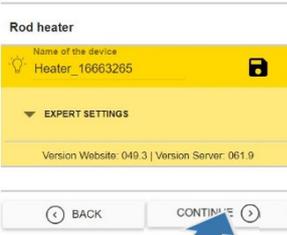
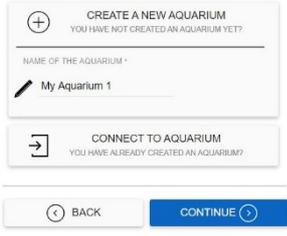
1.	Symbols.....	13
2.	Initial configuration	14
3.	 HOME	19
4.	 HEATER OVERVIEW	21
5.	 Heater Mode	23
	 5.1 MANUAL CONTROL.....	24
	 5.2 SMART CONTROL	24
6.	 Settings Home	27
	6.1 Connect With Available Network.....	29
	6.2 E-Mail Adress for Heater Messages.....	31
	6.3 Deactivating WLAN	32
	6.4 Activating WLAN	33
7.	 Heater Settings	33
8.	Status LED indicator	36
9.	Reset	38
10.	Connecting with other Topfin PRO® device	38
11.	Information.....	40

1. Symbols

	Home page
	Settings
	Remove
	Change
	Save
	Add device
	Overview
	Manual control
	Smart Control
	Temperature / Current water temperature
	Heater heats
	Time
	Temperature setpoint
	Factory Defaults
	Attention

2. Initial Configuration

1	 <p>WILLKOMMEN ERSTKONFIGURATION</p> <p>WELCOME INITIAL SETUP</p> <p>BIENVENUE CONFIGURATION INITIALE</p> <p>BIENVENIDO CONFIGURACIÓN INICIAL</p> <p>VÍTEJTE POČATEČNÍ NASTAVENÍ</p> <p>BENVENUTO CONFIGURAZIONE INIZIALE</p> <p>Select language</p>
2	 <p>Unit system</p> <p>METRIC SYSTEM</p> <p>US CUSTOMARY SYSTEM</p> <p>BACK</p> <p>Select unit system</p>
3	 <p>Rod heater</p> <p>Heater_16663265</p> <p>EXPERT SETTINGS</p> <p>Version Website: 049.3 Version Server: 061.9</p> <p>BACK CONTINUE</p> <p>Change name of heater (optional)</p>
4	 <p>Rod heater</p> <p>Name of the device Heater_16663265</p> <p>EXPERT SETTINGS</p> <p>Version Website: 049.3 Version Server: 061.9</p> <p>BACK CONTINUE</p> <p>Enter and save preferred name (optional).</p>

5	 <p>Rod heater</p> <p>Name of the device Heater_16663265</p> <p>EXPERT SETTINGS</p> <p>Version Website: 049.3 Version Server: 061.9</p> <p>BACK CONTINUE</p>
6	 <p>CREATE A NEW AQUARIUM YOU HAVE NOT CREATED AN AQUARIUM YET?</p> <p>NAME OF THE AQUARIUM *</p> <p>My Aquarium 1</p> <p>CONNECT TO AQUARIUM YOU HAVE ALREADY CREATED AN AQUARIUM?</p> <p>BACK CONTINUE</p>
7	 <p>CREATE A NEW AQUARIUM YOU HAVE NOT CREATED AN AQUARIUM YET?</p> <p>NAME OF THE AQUARIUM *</p> <p>My Aquarium 1</p> <p>CONNECT TO AQUARIUM YOU HAVE ALREADY CREATED AN AQUARIUM?</p> <p>BACK CONTINUE</p>
8	 <p>CREATE A NEW AQUARIUM YOU HAVE NOT CREATED AN AQUARIUM YET?</p> <p>NAME OF THE AQUARIUM *</p> <p>My Aquarium 1</p> <p>CONNECT TO AQUARIUM YOU HAVE ALREADY CREATED AN AQUARIUM?</p> <p>BACK CONTINUE</p>
9	 <p>NAME OF THE AQUARIUM *</p> <p>My Aquarium 1</p> <p>CONNECT TO AQUARIUM YOU HAVE ALREADY CREATED AN AQUARIUM?</p> <p>BACK CONTINUE</p>

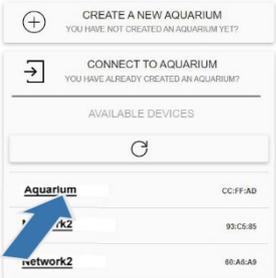
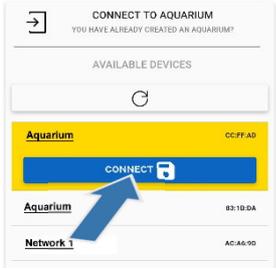
Select next setting

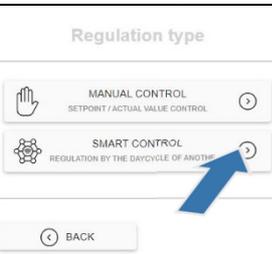
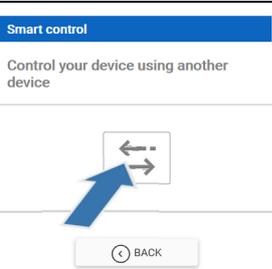
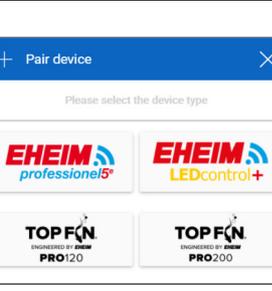
Add a new aquarium to network

Change name (optional)

Select next setting. Continue with Step 12.

Connecting with an existing aquarium (optional).

<p>10</p>	 <p>Selecting an aquarium from the list.</p>
<p>11</p>	 <p>Connecting the aquarium.</p>
<p>12</p>	 <p>Select heater regulation type MANUAL CONTROL</p>
<p>13</p>	 <p>Set the setpoint temperature by moving the slider</p>

<p>14</p>	 <p>Regulation type</p> <p>Manual control</p> <p>Current water temperature 80.4 °F</p> <p>Temperature setpoint 64 °F 80 °F 90 °F</p> <p>BACK </p> <p>Save the settings. Continue with Step 24</p>
<p>15</p>	 <p>Regulation type</p> <p>MANUAL CONTROL SETPPOINT / ACTUAL VALUE CONTROL</p> <p>SMART CONTROL REGULATION BY THE DAYCYCLE OF ANOTHER</p> <p>BACK</p> <p>Select heater regulation type SMART CONTROL</p>
<p>16</p>	 <p>Smart control</p> <p>Control your device using another device</p> <p>BACK</p> <p>Search for other Topfin PRO® devices.</p>
<p>17</p>	 <p>Pair device</p> <p>Please select the device type</p> <p>EHEIM professional5+ EHEIM LEDcontrol+</p> <p>TOPFIN PRO120 TOPFIN PRO200</p> <p>Select your device.</p>

18

Pair device

Available Networks

EHEIM Filter XXXXXXX 93.C5.85

BACK

Select your filter

19

Pair device

Filter XXXXXXX 93.C5.85

IDENTIFY PAIR

BACK

Pair with device

20

Smart control

Control your device using another device

Device is paired with

Filter XXXXXXX

To use this function, the filter must first be configured in Bio mode

To pairing this filter it must be configured in Bio Mode.

21

Smart control

Control your device using another EHEIMdigital or Topfin PRO® device

Device is paired with

Filter XXXXXXX

Temperature during the day
Setting the temperature from 8:00 am

64 °F 77 °F 90 °F

Temperature difference at night
Setting the temperature difference from 6:00 pm

-9 °F 0 °F 9 °F

Set the setpoint temperature during the day

22

Filter XXXXXXXX

Temperature during the day
Setting the temperature from 8:00 am

64 °F 77 °F 90 °F

Temperature difference at night
Setting the temperature difference from 6:00 pm

-9 °F -2 °F 9 °F

SAVE

Set the temperature difference at night.

23

Filter XXXXXXXX

Temperature during the day
Setting the temperature from 8:00 am

64 °F 77 °F 90 °F

Temperature difference at night
Setting the temperature difference from 6:00 pm

-9 °F -2 °F 9 °F

SAVE

Save settings.

3. Home Page

24

HOME SETTINGS

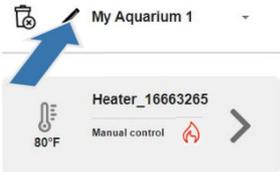
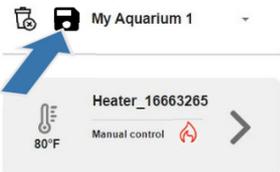
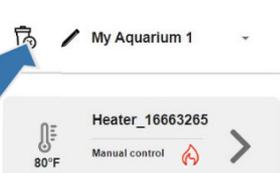
My Aquarium 1

Heater_16663265

80°F Manual control

+

HOME PAGE
Overview of aquarium with all connected devices.

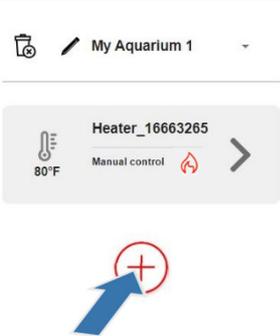
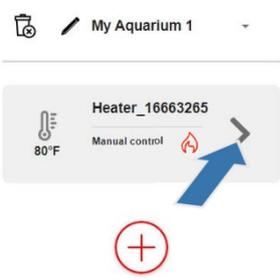
25	 <p>My Aquarium 1</p> <p>Heater_16663265 80°F Manual control</p> <p>(+)</p>
26	 <p>My Aquarium 1</p> <p>Heater_16663265 80°F Manual control</p> <p>(+)</p>
27	 <p>My Aquarium 1</p> <p>Heater_16663265 80°F Manual control</p> <p>(+)</p>
28	 <p>My Aquarium 1</p> <p>Heater_16663265 80°F Manual control</p> <p>(+)</p>

Change name

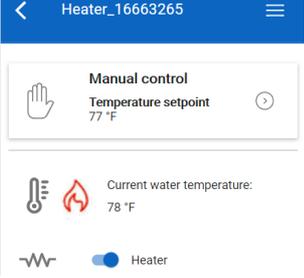
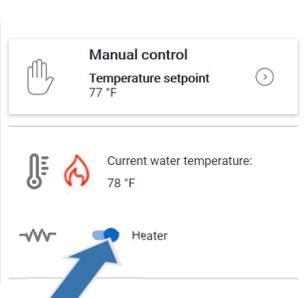
Enter and save preferred name.

Add a new aquarium.

Remove aquarium.

29	 <p>Add device.</p>
30	 <p>Change to view the heater overview.</p>

4. Heater Overview

31	 <p>Heater Overview: The current heater mode, temperature setpoint and current water temperature</p>
32	 <p>Heater ON/OFF</p>

33

Manual control
Temperature setpoint
77 °F

Current water temperature:
78 °F

Heater

Change the temperature setpoint.

34

Heater_16663265

Manual control

Current water temperature
78 °F

Temperature setpoint
64 °F 77 °F 90 °F

SAVE

OVERVIEW TEMPERATURE SETTINGS

Show the selection menu for OVERVIEW, TEMPERATURE and SETTINGS.

35

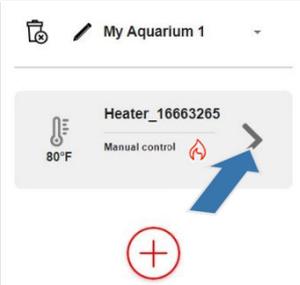
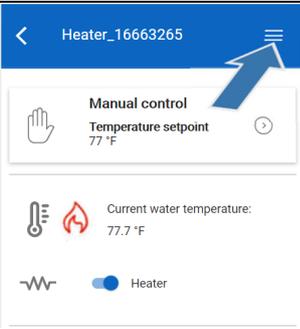
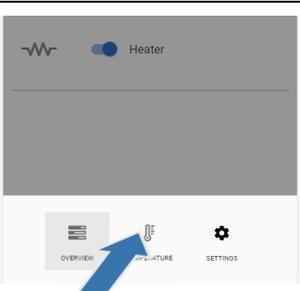
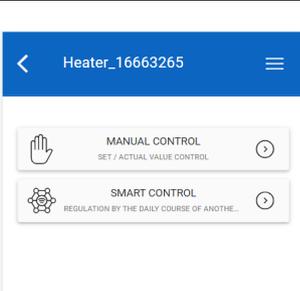
Manual control
Temperature setpoint
77 °F

Current water temperature:
78 °F

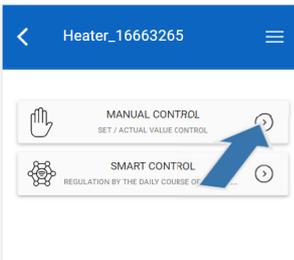
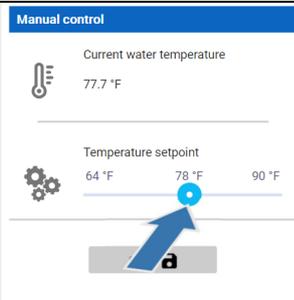
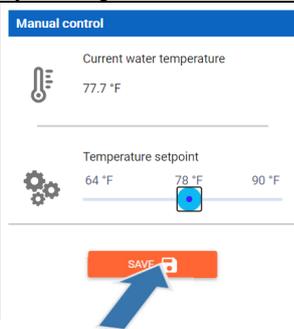
Heater

Go back to home page.

5. Heater Mode

36	 <p>HOME PAGE Select the heater overview.</p>
37	 <p>Show the selection menu.</p>
38	 <p>Select TEMPERATURE for heater modes</p>
39	 <p>Overview of heater modes</p>

5.1 MANUAL CONTROL

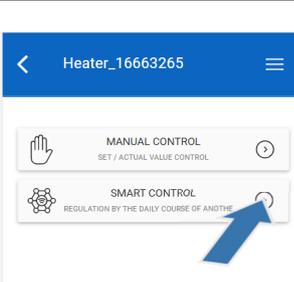
40	 <p>Heater_16663265</p> <p>MANUAL CONTROL SET / ACTUAL VALUE CONTROL</p> <p>SMART CONTROL REGULATION BY THE DAILY COURSE OF</p>
41	 <p>Manual control</p> <p>Current water temperature 77.7 °F</p> <p>Temperature setpoint 64 °F 78 °F 90 °F</p>
42	 <p>Manual control</p> <p>Current water temperature 77.7 °F</p> <p>Temperature setpoint 64 °F 78 °F 90 °F</p> <p>SAVE</p>

Select MANUAL CONTROL

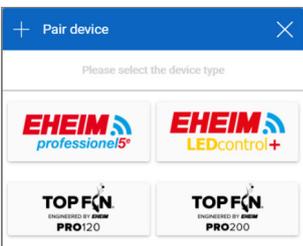
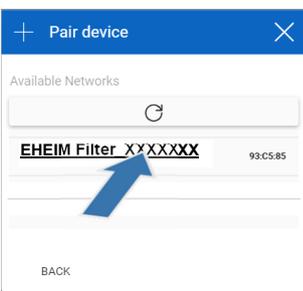
Set the setpoint temperature by moving the slider

Save the settings.

5.2 SMART CONTROL

43	 <p>Heater_16663265</p> <p>MANUAL CONTROL SET / ACTUAL VALUE CONTROL</p> <p>SMART CONTROL REGULATION BY THE DAILY COURSE OF ANOTHER</p>
----	--

Select SMART CONTROL

44	 <p>Smart control</p> <p>Control your device using another device</p> <p>↔</p> <p>BACK</p> <p>Search for other Topfin PRO[®] devices.</p>
45	 <p>Pair device</p> <p>Please select the device type</p> <p>EHEIM professional5+ EHEIM LEDcontrol+</p> <p>TOPFIN PRO120 TOPFIN PRO200</p> <p>Select your device.</p>
46	 <p>Pair device</p> <p>Available Networks</p> <p>EHEIM Filter_XXXXXXX 93:C5:85</p> <p>BACK</p> <p>Select the network</p>
47	 <p>Pair device</p> <p>Filter XXXXXXXX 93:C5:85</p> <p>IDENTIFY PAIR</p> <p>BACK</p> <p>Pair with device</p>

48	<p>Smart control Control your device using another device Device is paired with Filter XXXXXXXX ⚠ To use this function, the filter must first be configured in Bio mode</p>
49	<p>Device is paired with Filter XXXXXXXX Temperature during the day Setting the temperature from 8:00 am 64 °F 77 °F 90 °F Temperature difference at night Setting the temperature difference from 6:00 pm -9 °F 0 °F 9 °F</p>
50	<p>Filter XXXXXXXX Temperature during the day Setting the temperature from 8:00 am 64 °F 77 °F 90 °F Temperature difference at night Setting the temperature difference from 6:00 pm -9 °F -2 °F 9 °F SAVE</p>
51	<p>Filter XXXXXXXX Temperature during the day Setting the temperature from 8:00 am 64 °F 77 °F 90 °F Temperature difference at night Setting the temperature difference from 6:00 pm -9 °F -2 °F 9 °F SAVE</p>

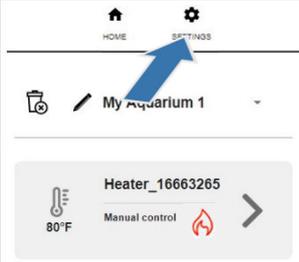
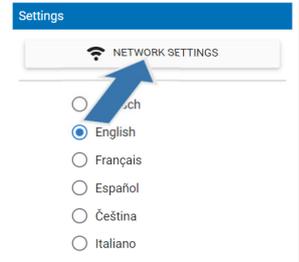
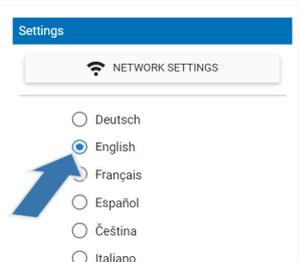
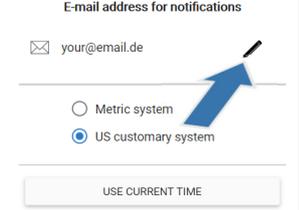
To pairing this filter it must be configured in Bio Mode.

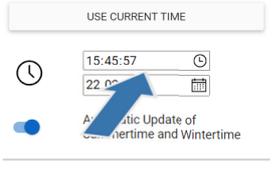
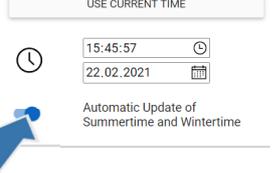
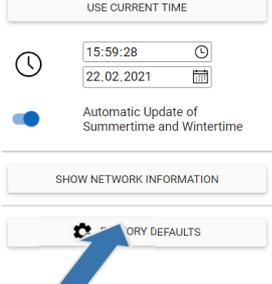
Set the setpoint temperature during the day

Set the temperaure difference at night.

Save settings.

6. Settings Home

52	 <p>Select settings</p>
53	 <p>Call up network setting. Continue with <u>6.1</u>.</p>
54	 <p>Select/change language.</p>
55	 <p>Enter the e-mail address and user name to receive messages from the heater. Continue with 6.2.</p>

56	 <p>The current time is set.</p>
57	 <p>Manual setting of date and time</p>
58	 <p>Activate/deactivate automatic change between summer and winter time</p>
59	 <p>Display network information and switching off the WiFi function</p>
60	 <p>Reset to factory settings.</p>

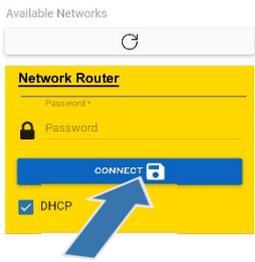
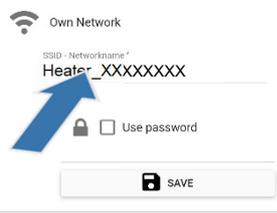
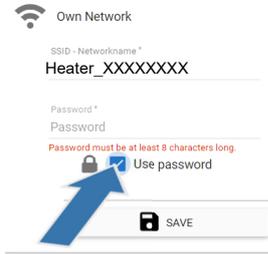
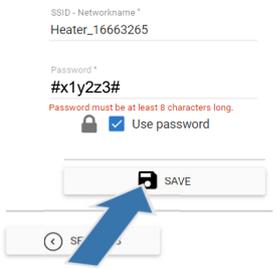
61	<div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>Software & Update</p> <div style="border: 1px solid gray; padding: 5px; margin: 5px auto; width: 80%;"> <p>Heater_16663265</p> <p>Installed Software Version 049.5 Version Website 062.1 Version Server</p> </div> <div style="border: 1px solid gray; padding: 5px; margin: 5px auto; width: 80%;"> <p>UPDATE MANUAL</p> </div>  </div> <p>Carry out manual update.</p>
-----------	--

6.1 Connect With Available Network

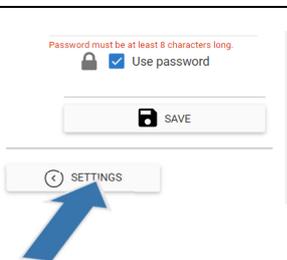
62	<div style="border: 1px solid gray; padding: 10px;"> <div style="display: flex; justify-content: space-between; font-size: small;"> HOME SETTINGS </div> <hr/> <p style="background-color: #0070C0; color: white; padding: 2px;">Settings</p> <p style="text-align: center; font-weight: bold;">Network</p> <p style="font-size: x-small;">Connect with available network</p> <div style="border: 1px solid gray; padding: 2px; margin: 5px auto; width: 80%;"> <p style="font-size: x-small; text-align: center;">Search networks</p> </div>  <p style="font-size: x-small;">Own Ne</p> <p style="font-size: x-small;">SSID - Networkname*</p> <p style="font-size: x-small;">Heater_16663265</p> </div> <p>Search for available networks.</p>
-----------	--

63	<div style="border: 1px solid gray; padding: 10px;"> <div style="background-color: #0070C0; color: white; padding: 2px;">Settings</div> <p style="text-align: center; font-weight: bold;">Network</p> <p style="font-size: x-small;">Available Networks</p> <div style="border: 1px solid gray; padding: 2px; margin: 5px auto; width: 80%;"> <p style="font-size: x-small; text-align: center;">Refresh</p> </div> <div style="border: 1px solid gray; padding: 5px; margin: 5px auto; width: 80%; background-color: #f0f0f0;"> <p style="font-weight: bold; font-size: small;">Network Router</p> </div>  </div> <p>Connect available network.</p>
-----------	---

64	<div style="border: 1px solid gray; padding: 10px;"> <div style="background-color: #0070C0; color: white; padding: 2px;">Settings</div> <p style="text-align: center; font-weight: bold;">Network</p> <p style="font-size: x-small;">Available Networks</p> <div style="border: 1px solid gray; padding: 2px; margin: 5px auto; width: 80%;"> <p style="font-size: x-small; text-align: center;">Refresh</p> </div> <div style="border: 1px solid gray; padding: 5px; margin: 5px auto; width: 80%; background-color: #ffff00;"> <p style="font-weight: bold; font-size: small;">Network Router</p> <p style="font-size: x-small;">Password *</p> <p style="font-size: x-small;">PASSWORD</p> <div style="border: 1px solid gray; padding: 2px; margin: 5px auto; width: 80%;"> <p style="font-size: x-small; text-align: center;">CONNECT</p> </div> <p style="font-size: x-small; margin-top: 5px;"><input checked="" type="checkbox"/> DHCP</p> </div>  </div> <p>Enter password for the selected network.</p>
-----------	--

65	 <p>Available Networks</p> <p>Network Router</p> <p>Password *</p> <p>Password</p> <p>CONNECT</p> <p><input checked="" type="checkbox"/> DHCP</p>	Select CONNECT to connect to the network.
66	 <p>Own Network</p> <p>SSID - Networkname *</p> <p>Heater_XXXXXXXX</p> <p>Use password <input type="checkbox"/></p> <p>SAVE</p>	Change Heater XXXXXXXX network name to your own name.
67	 <p>Own Network</p> <p>SSID - Networkname *</p> <p>Heater_XXXXXXXX</p> <p>Password *</p> <p>Password</p> <p>Use password <input checked="" type="checkbox"/></p> <p>SAVE</p>	Activate password usage and use a password with a minimum of 8 characters.
68	 <p>SSID - Networkname *</p> <p>Heater_16663265</p> <p>Password *</p> <p>#x1y2z3#</p> <p>Use password <input checked="" type="checkbox"/></p> <p>SAVE</p>	Save network settings.

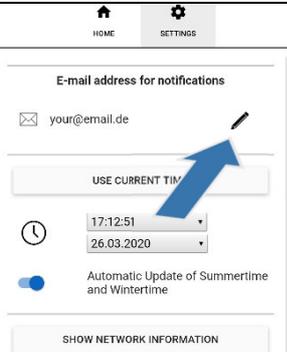
69



Go back to settings.

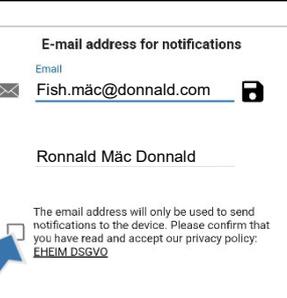
6.2 E-Mail Address for Heater Messages

70



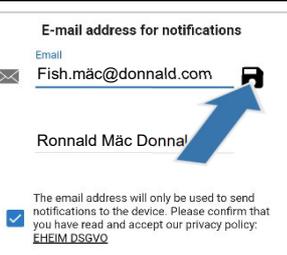
Enter the e-mail address and user name to receive messages from the heater. Only possible in networks with Internet connection.

71



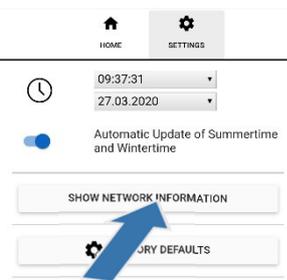
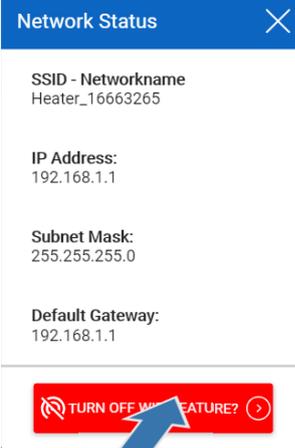
Read and confirm the privacy policy.

72



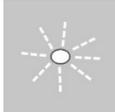
Save the data.

6.3 Deactivating WLAN

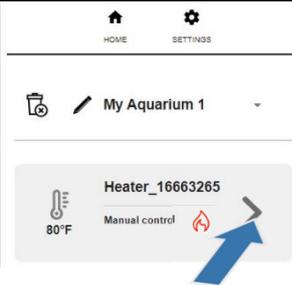
73	 <p>Select "Show Network Information".</p>
74	 <p>Select "Turn off WiFi Feature".</p>
75	 <p>Select "Deactivate WiFi" to disable the WiFi function.</p>

76		<p>Select "Deactivate WiFi" to disable the WiFi function. The status LED light ⑥ on the heater flashes continuously yellow after approx. 3 - 5 seconds. WiFi function deactivated. Device settings remain available.</p>
-----------	--	--

6.4 Activating WLAN

77		<p>Press the red reset button ⑦ for approx. 3 – 5 seconds until the status LED lights up green.</p>
78		<p>The status LED flashes white. Network is being created. This process may take a few seconds.</p>
79		<p>If the status LED lights blue, a network has been created and is visible on a WLAN-enabled device (smart phone, tablet, etc.).</p>

7. Heater Settings

80		<p>Change to the heater overview.</p>
-----------	---	---------------------------------------

81

Show the selection menu for OVERVIEW, TEMPERATURE and SETTINGS.

82

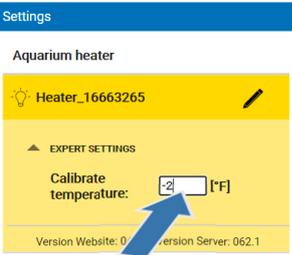
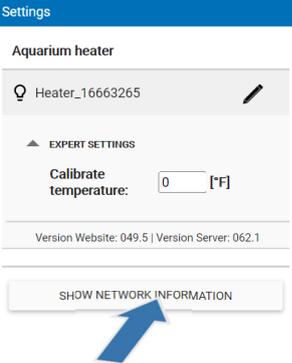
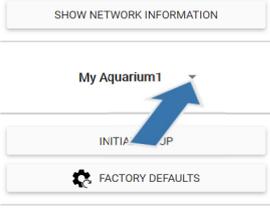
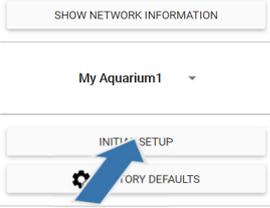
Select settings

83

Enter and save preferred name (see items 3 & 4).

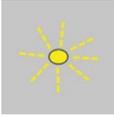
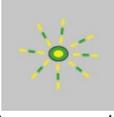
84

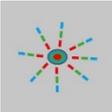
Open heater expert settings

<p>85</p>	 <p>Adjustment of actual temperature with external thermometer. Example: Actual temperature = 79°F Display thermometer = 77°F Setting calibrate temperature = -2°F</p>
<p>86</p>	 <p>Select "Show Network Information".</p>
<p>87</p>	 <p>Change name.</p>
<p>88</p>	 <p>Initial configuration reset.</p>

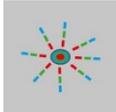
89	<div style="border: 1px solid gray; padding: 5px; margin-bottom: 5px; text-align: center;">SHOW NETWORK INFORMATION</div> <hr/> <div style="text-align: center;">My Aquarium1 ▾</div> <hr/> <div style="text-align: center; margin-bottom: 5px;">INITIAL SETUP</div> <div style="text-align: center;">  FACTORY DEFAULTS </div>
	
	Reset to factory settings.

8. Status LED indicator

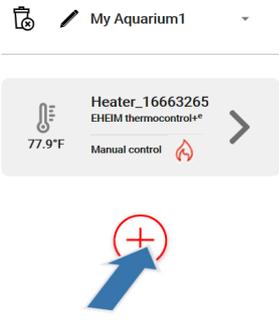
90		<p>LED flashes white: Device control unit is starting.</p>
91		<p>LED lights permanently blue: Device is ready for operation (MASTER) and can be connected to WLAN-capable device (smart phone, tablet, etc.).</p>
92		<p>LED lights permanently green: The device is ready for operation and is connected to a MASTER device.</p>
93		<p>LED flashes yellow: Firmware update in progress</p>
94		<p>LED flashes green/yellow: Control unit waits until all connected control units are updated.</p>

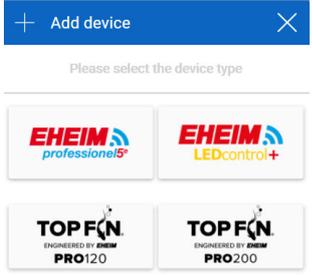
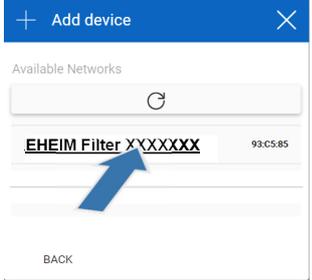
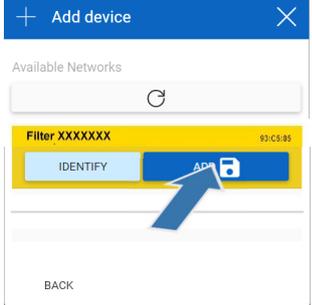
95	 <p>LED lights permanently red: Website is missing and must be called up again via http://192.168.1.1/update.</p>
96	 <p>LED flashes red/green/blue: Resetting the network settings or resetting to factory settings.</p>
97	 <p>LED lights alternating white/red/white: Connection to home network or to MASTER network failed (network name wrong, password wrong, poor WLAN reception).</p>
98	 <p>LED lights alternating green/red/white: Master network or home network is no longer accessible. Control unit is restarting</p>
99	 <p>LED flashes pink: Detection mode is activated.</p>
100	 <p>LED lights yellow: WLAN function is deactivated. Reactivation (see items 77 - 79).</p>

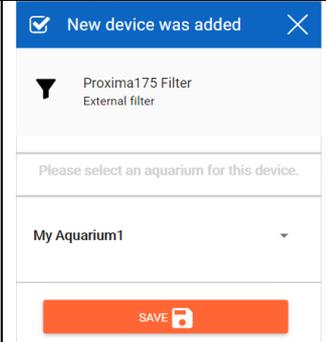
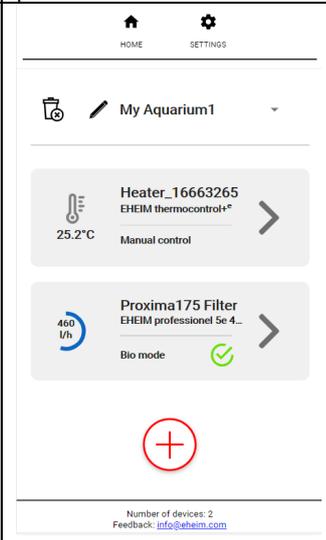
9. Reset

101	Press the red reset button ⑦ for approx. 5 – 8 seconds.
102	 LED flashes red/green/blue. Device is reset.
103	 LED flashes white: Device control unit restarting.
104	 LED lights permanently blue: Device is ready for operation again.

10. Connecting with other Topfin PRO® device

105	 Add device.
-----	--

106	 <p>Select your device.</p>
107	 <p>Select the network</p>
108	 <p>The selected device can be identified using DETECT. LED flashes pink.</p>
109	 <p>The device can be added to the selected network using ADD. LED flashes white.</p>

110	 <p>If the LED lights permanently green, complete the process with SAVE.</p>
111	 <p>Devices are connected to each other.</p>

11. Information

Top Fin®
PRO Series
Engineered by EHEIM

If you are not satisfied with this product, return it with your valid proof of purchase for a refund. Conditions apply. See store or PetSmart.com for details.

For more information about Top Fin® products, please call 1-888-839-9638.

Dist. by/par:
Pacific Coast Distributing, Inc.
19601 N. 27th Ave.
Phoenix, AZ USA 85027