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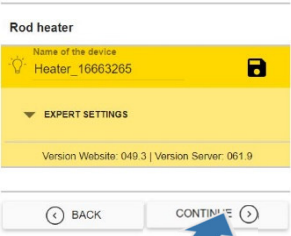
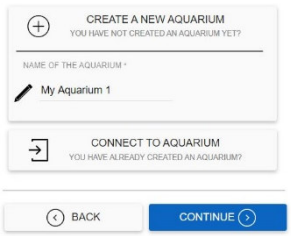
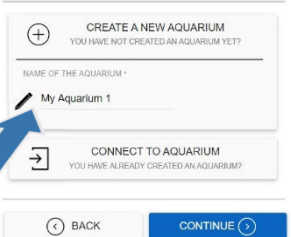
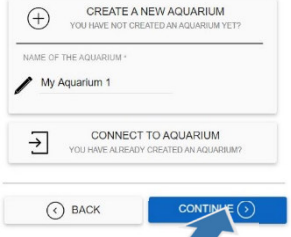
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1. Symbols

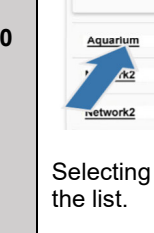
	Home page
	Settings
	Remove
	Change
	Save
	Add device
	Overview
	Manual control
	Smart Control
	Temperature / Current water temperature
	Heater heats
	Time
	Temperature setpoint
	Factory Defaults
	Attention

2. Initial Configuration

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

5	 Select next setting
6	 Add a new aquarium to network
7	 Change name (optional)
8	 Select next setting. Continue with Step 12.
9	 Connecting with an existing aquarium (optional).

10



CREATE A NEW AQUARIUM
YOU HAVE NOT CREATED AN AQUARIUM YET?

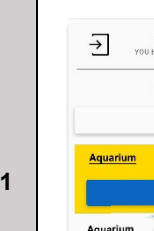
CONNECT TO AQUARIUM
YOU HAVE ALREADY CREATED AN AQUARIUM?

AVAILABLE DEVICES

Aquarium	CC:FF:A0
Network2	93:CS:85
Network2	60:AE:A9

Selecting an aquarium from the list.

11



CONNECT TO AQUARIUM
YOU HAVE ALREADY CREATED AN AQUARIUM?

AVAILABLE DEVICES

Aquarium	CC:FF:A0
Aquarium	93:1B:0A
Network 1	AC:A6:70

CONNECT

Connecting the aquarium.

12



Regulation type

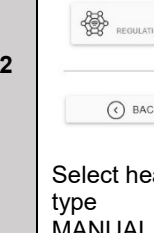
MANUAL CONTROL
SETPOINT / ACTUAL VALUE CONTROL

SMART CONTROL
REGULATION BY THE DAYCYCLE OF AMBIENT

BACK

Select heater regulation type
MANUAL CONTROL

13



Regulation type

Manual control

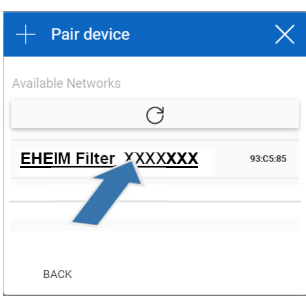
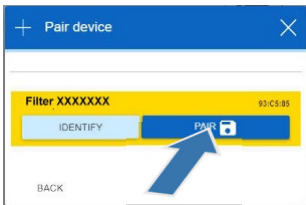
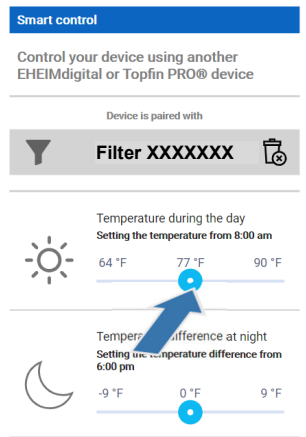
Current water temperature
80.4 °F

Temperature setpoint
64 °F 77 °F 90 °F

BACK SAVE

Set the setpoint temperature by moving the slider

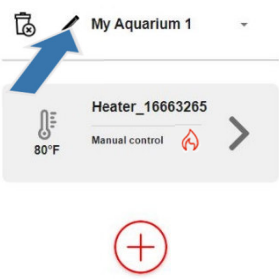
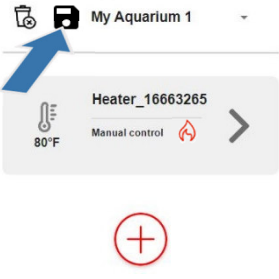
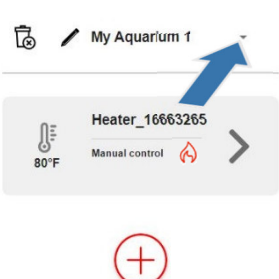
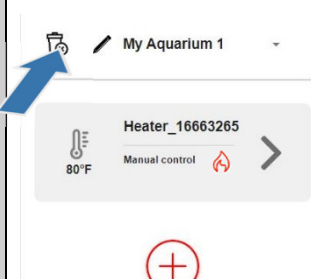
14	Regulation type Manual control Current water temperature 80.4 °F Temperature setpoint 64 °F 80 °F 90 °F BACK Save the settings. Continue with Step 24
15	Regulation type MANUAL CONTROL SETPOINT / ACTUAL VALUE CONTROL SMART CONTROL REGULATION BY THE DAYCYCLE OF ANOTHER BACK Select heater regulation type SMART CONTROL
16	Smart control Control your device using another device BACK Search for other Topfin PRO® devices.
17	+ Pair device Please select the device type EHEIM professionel5+ EHEIM LEDcontrol+ TOPFIN POWERED BY EHEIM PRO120 TOPFIN POWERED BY EHEIM PRO200 Select your device.

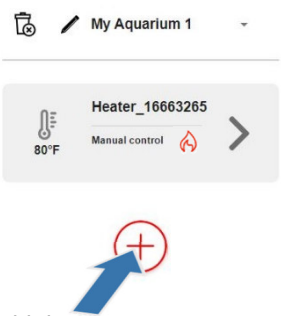
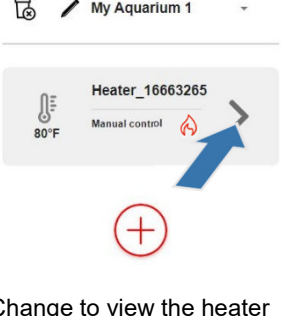
18	 Select your filter
19	 Pair with device
20	 To pairing this filter it must be configured in Bio Mode.
21	 Set the setpoint temperature during the day

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.

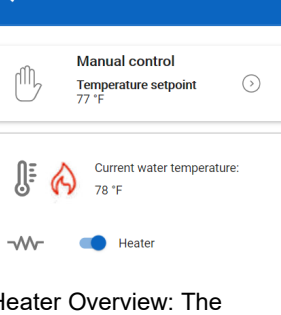
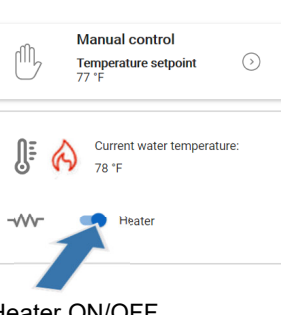
3. Home Page

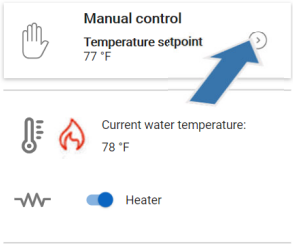
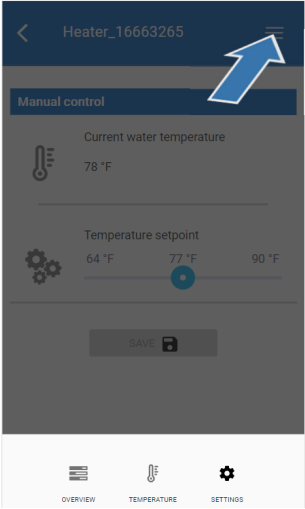
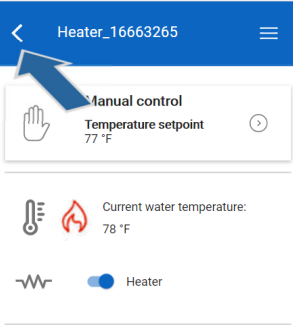
24	HOME SETTINGS My Aquarium 1 Heater_16663265 80°F Manual control + HOME PAGE Overview of aquarium with all connected devices.
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25	 Change name
26	 Enter and save preferred name.
27	 Add a new aquarium.
28	 Remove aquarium.

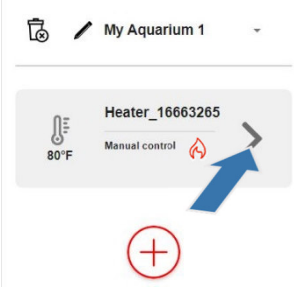
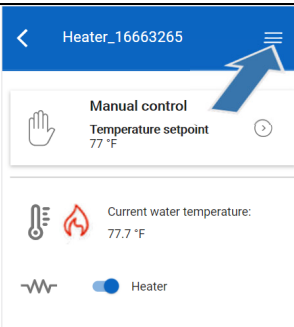
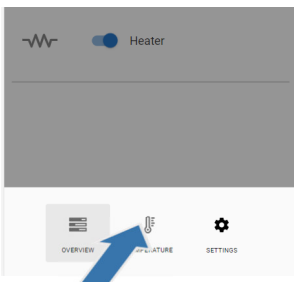
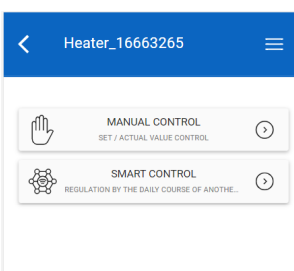
29	 Add device.
30	 Change to view the heater overview.

4. Heater Overview

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

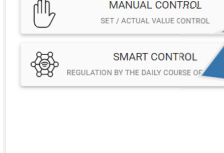
33	 Manual control Temperature setpoint 77 °F Current water temperature: 78 °F Heater Change the temperature setpoint.
34	 Heater_16663265 Manual control Current water temperature 78 °F Temperature setpoint 64 °F 77 °F 90 °F SAVE OVERVIEW TEMPERATURE SETTINGS Show the selection menu for OVERVIEW, TEMPERATURE and SETTINGS.
35	 Manual control Temperature setpoint 77 °F Current water temperature: 78 °F Heater Go back to home page.

5. Heater Mode

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

5.1 MANUAL CONTROL

40

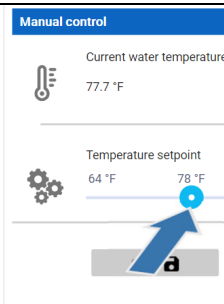


Heater_16663265

MANUAL CONTROL
SET / ACTUAL VALUE CONTROL

SMART CONTROL
REGULATION BY THE DAILY COURSE OF

41

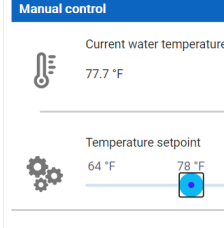


Manual control

Current water temperature
77.7 °F

Temperature setpoint
64 °F 78 °F 90 °F

42



Manual control

Current water temperature
77.7 °F

Temperature setpoint
64 °F 78 °F 90 °F

SAVE

5.2 SMART CONTROL

43

Heater_16663265

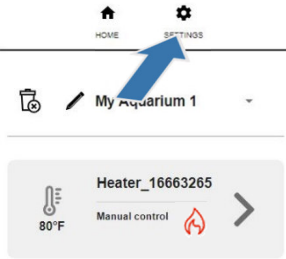
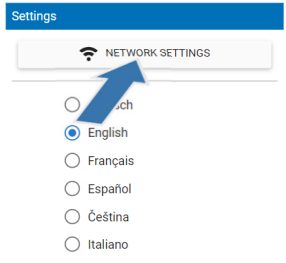
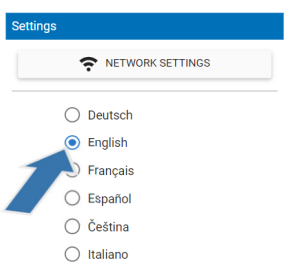
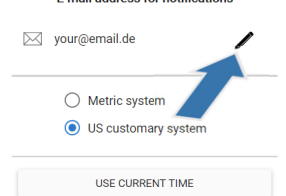
MANUAL CONTROL
SET / ACTUAL VALUE CONTROL

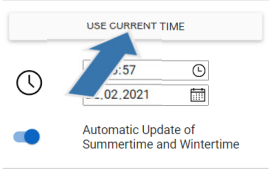
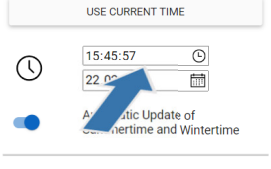
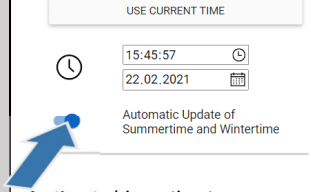
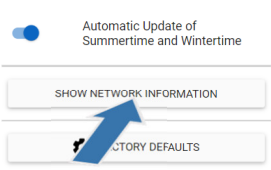
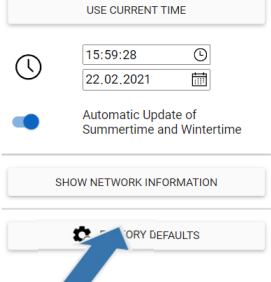
SMART CONTROL
REGULATION BY THE DAILY COURSE OF ANOTHER

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

48	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 To pairing this filter it must be configured in Bio Mode.
49	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 Set the setpoint temperature during the day
50	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 temperaure difference at night.
51	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.

6. Settings Home

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

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

61

Software & Update

Heater_16663265

Installed Software Version
Version Website 049.5
Version Server 062.1

UPDATE MANUAL

Carry out manual update.

6.1 Connect With Available Network

62

Settings

Network

Connect with available network

Search networks

Own Network

SSID - Networkname*
Heater_16663265

Search for available networks.

63

Settings

Network

Available Networks

Network Router

Connect available network.

64

Settings

Network

Available Networks

Network Router

Password*

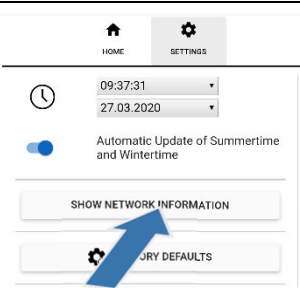
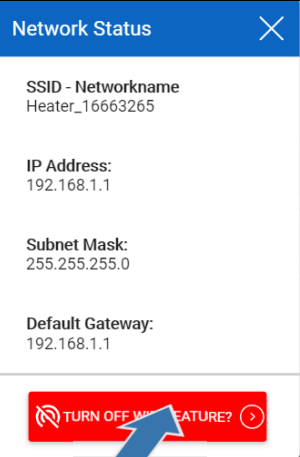
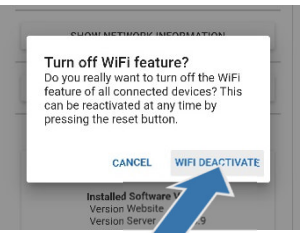
CONNECT

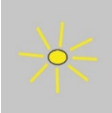
✓ DHCP

Enter password for the selected network.

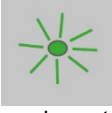
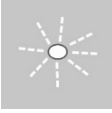
65	Available Networks Network Router Password * Password CONNECT ☒ DHCP Select CONNECT to connect to the network.
66	Own Network SSID - Networkname * Heater_XXXXXXXX ☐ Use password SAVE Change Heater XXXXXXXXX network name to your own name.
67	Own Network SSID - Networkname * Heater_XXXXXXXX Password * Password ☐ Use password SAVE Activate password usage and use a password with a minimum of 8 characters.
68	SSID - Networkname * Heater_16663265 Password * #x1y2z3# ☒ Use password SAVE SP Save network settings.

6.3 Deactivating WLAN

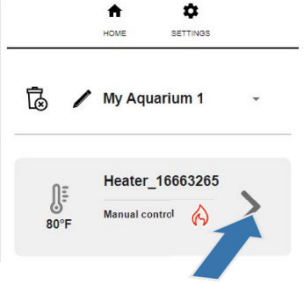
73	 HOME SETTINGS 09:37:31 27.03.2020 Automatic Update of Summertime and Wintertime SHOW NETWORK INFORMATION RESTORE DEFAULTS Select "Show Network Information".
74	 Network Status SSID - Networkname Heater_16663265 IP Address: 192.168.1.1 Subnet Mask: 255.255.255.0 Default Gateway: 192.168.1.1 TURN OFF WIFI FEATURE? Select "Turn off WiFi Feature".
75	 SHOW NETWORK INFORMATION Turn off WiFi feature? Do you really want to turn off the WiFi feature of all connected devices? This can be reactivated at any time by pressing the reset button. CANCEL WIFI DEACTIVATE Installed Software V Version Website Version Server 9 Select "Deactivate WiFi" to disable the WiFi function.

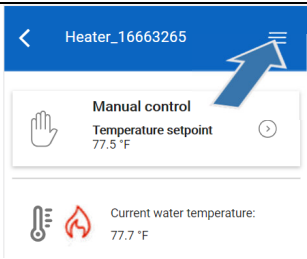
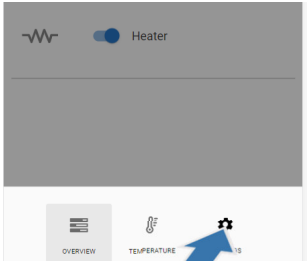
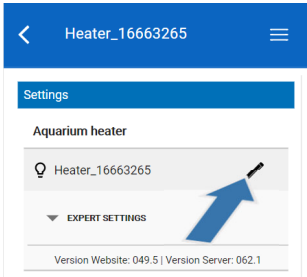
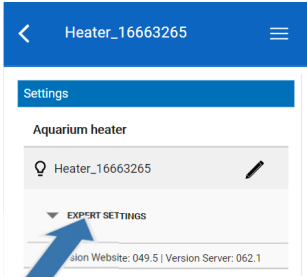
76	 Select “Deactivate WiFi” to disable the WiFi function. The status LED light ⑥ on the heater flashes continuously yellow after approx. 3 - 5 seconds. WiFi function deactivated. Device settings remain available.
----	---

6.4 Activating WLAN

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

7. Heater Settings

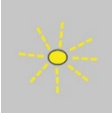
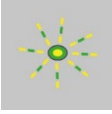
80	 Change to the heater overview.
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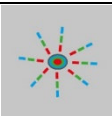
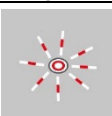
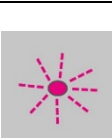
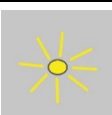
81	 Show the selection menu for OVERVIEW, TEMPERATURE and SETTINGS.
82	 Select settings
83	 Enter and save preferred name (see items 3 & 4).
84	 Open heater expert settings

85	Settings Aquarium heater Heater_16663265 EXPERT SETTINGS Calibrate temperature: -2 [°F] Version Website: 0.0.0 Version Server: 062.1 Adjustment of actual temperature with external thermometer. Example: Actual temperature = 79°F Display thermometer = 77°F Setting calibrate temperature = -2°F
86	Settings Aquarium heater Heater_16663265 EXPERT SETTINGS Calibrate temperature: 0 [°F] Version Website: 049.5 Version Server: 062.1 SHOW NETWORK INFORMATION Select "Show Network Information".
87	SHOW NETWORK INFORMATION My Aquarium1 INITIAL SETUP FACTORY DEFAULTS Change name.
88	SHOW NETWORK INFORMATION My Aquarium1 INITIAL SETUP FACTORY DEFAULTS Initial configuration reset.

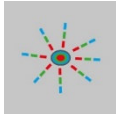
89	SHOW NETWORK INFORMATION My Aquarium1 ▾ INITIAL SETUP  FACTORY DEFAULTS  Reset to factory settings.
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8. Status LED indicator

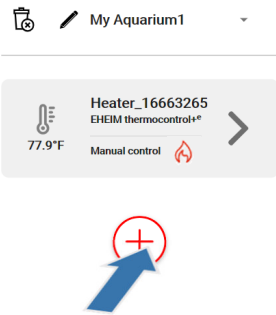
90	 LED flashes white: Device control unit is starting.
91	 LED lights permanently blue: Device is ready for operation (MASTER) and can be connected to WLAN-capable device (smart phone, tablet, etc.).
92	 LED lights permanently green: The device is ready for operation and is connected to a MASTER device.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

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

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.
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110	New device was added Proxima175 Filter External filter Please select an aquarium for this device. My Aquarium1 SAVE If the LED lights permanently green, complete the process with SAVE.
111	HOME SETTINGS My Aquarium1 25.2°C Heater_16663265 EHEIM thermocontrol+® Manual control 460 l/h Proxima175 Filter EHEIM professional 5e 4... Bio mode Number of devices: 2 Feedback: info@eheim.com Devices are connected to each other.

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