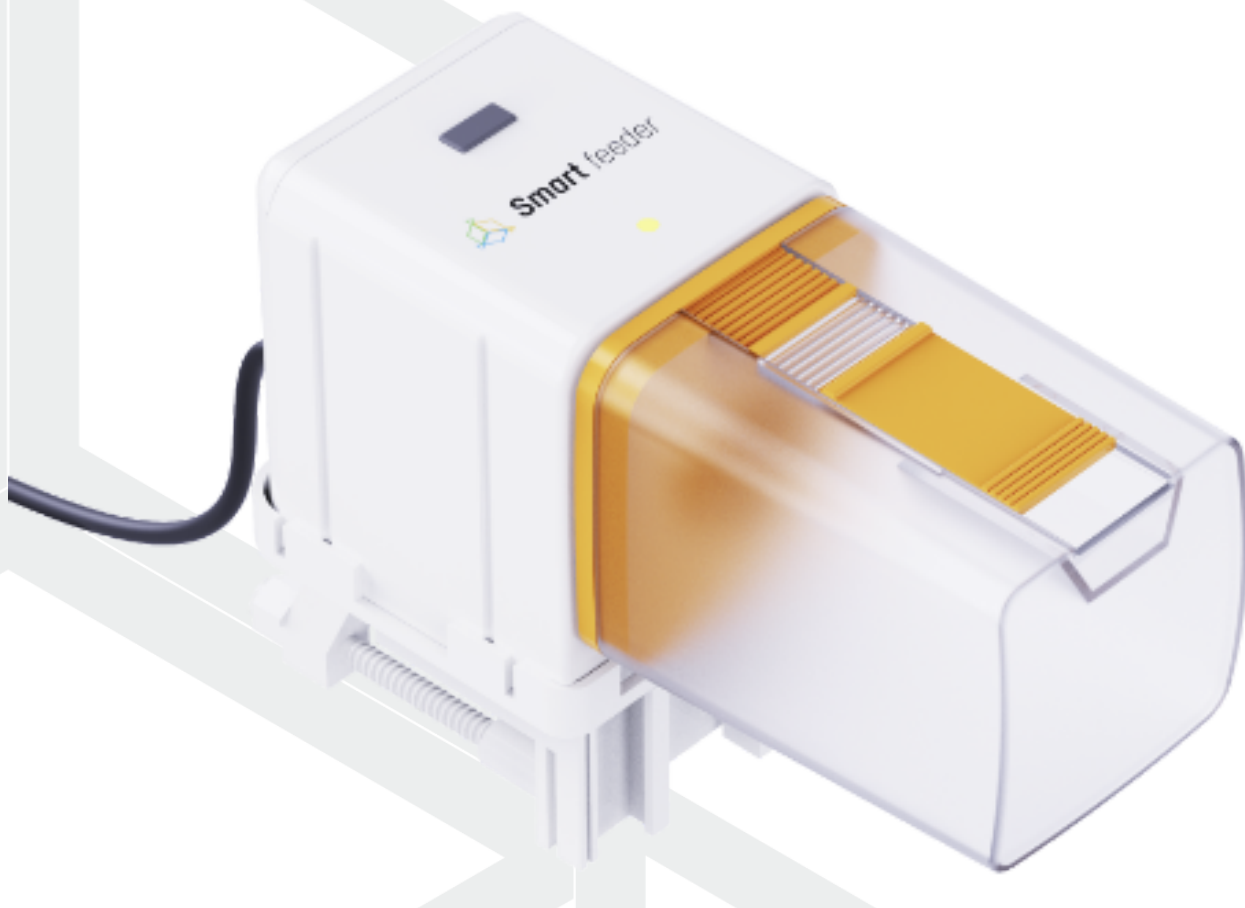




Smart feeder

User Manual



Dear customer, thank you for your purchase.





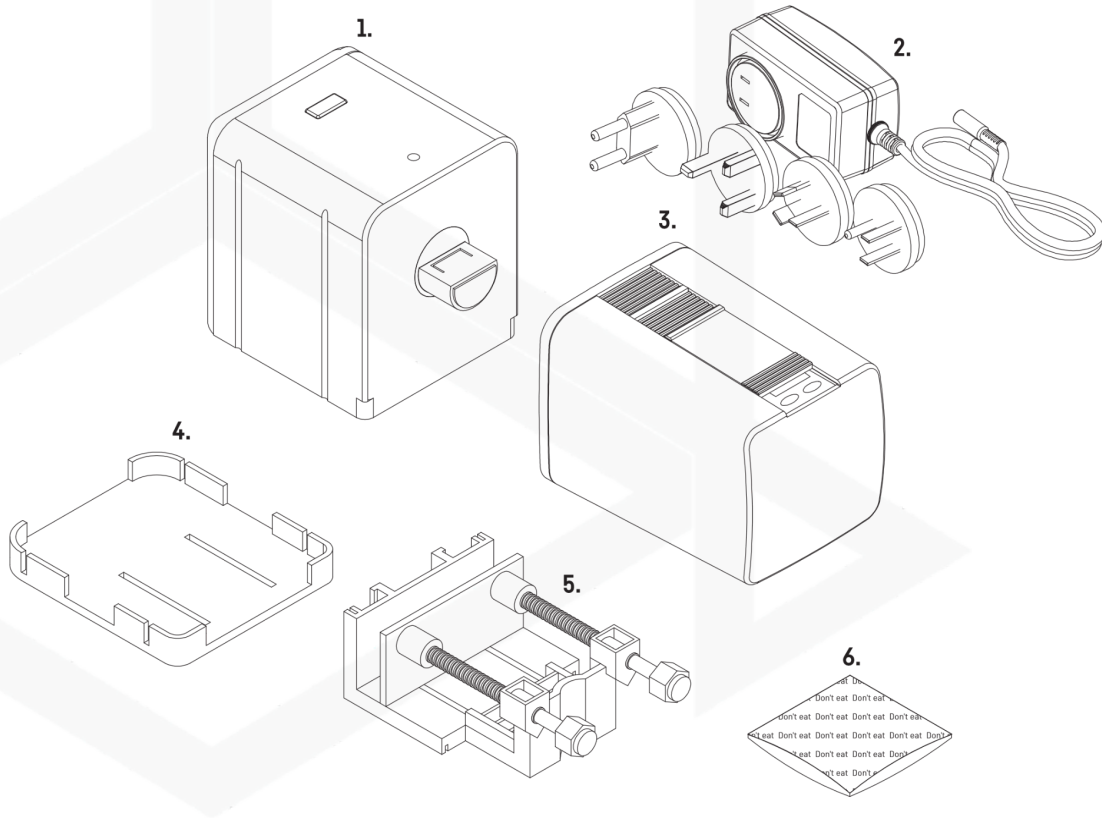
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IMPORTANT INFORMATION! Before setting up and using the device, read the entire user manual very carefully. There may be slight differences in content between what is presented on the screen of the device and the descriptions in the manual.

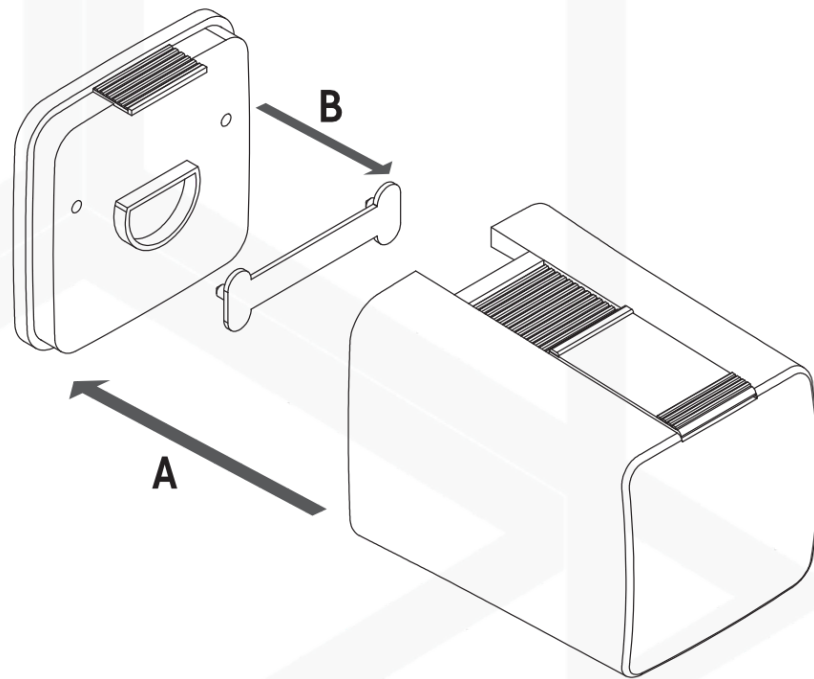
I. Kit content



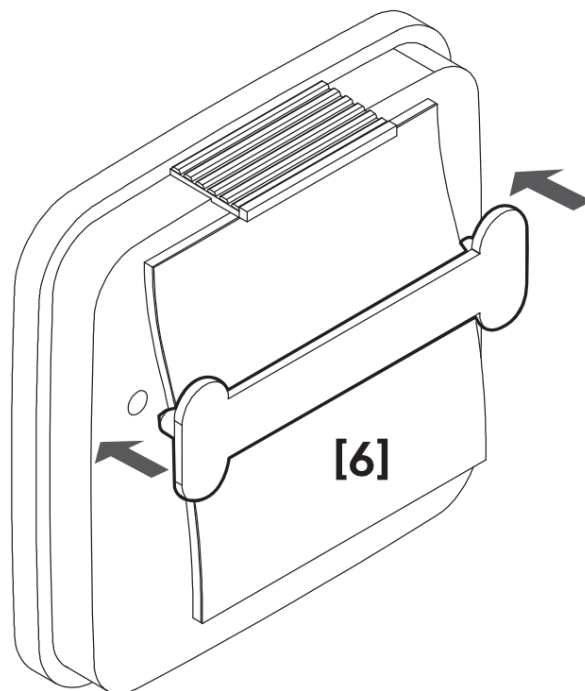
1. Main unit
2. Power supply
3. Food container
4. Double-sided tape

5. Handle base
6. Bracket for mounting the device on the aquarium
7. Moisture absorber

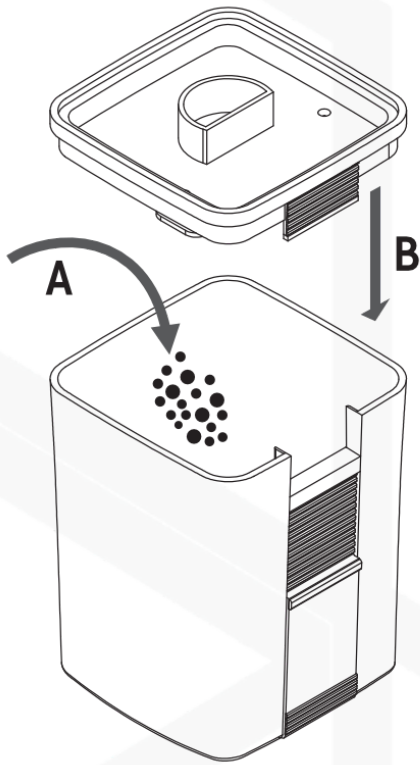
II. Installation of the device



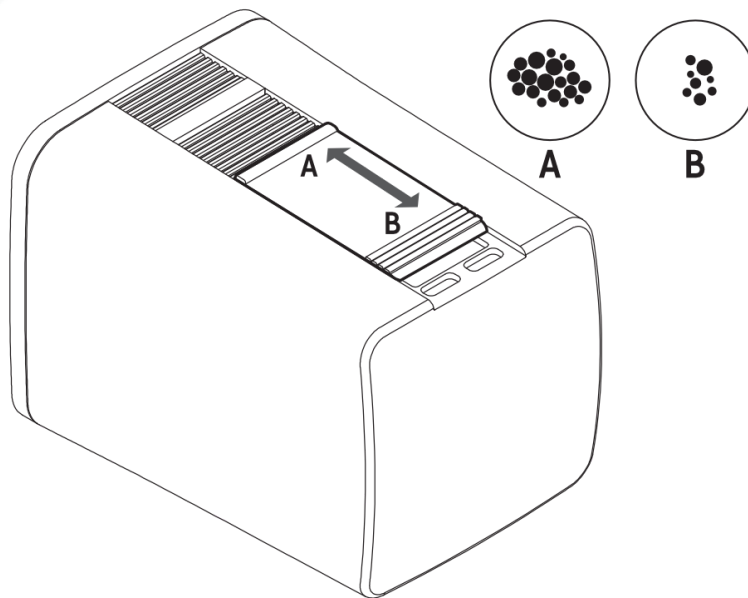
Open the food container and pull out the handle (B).



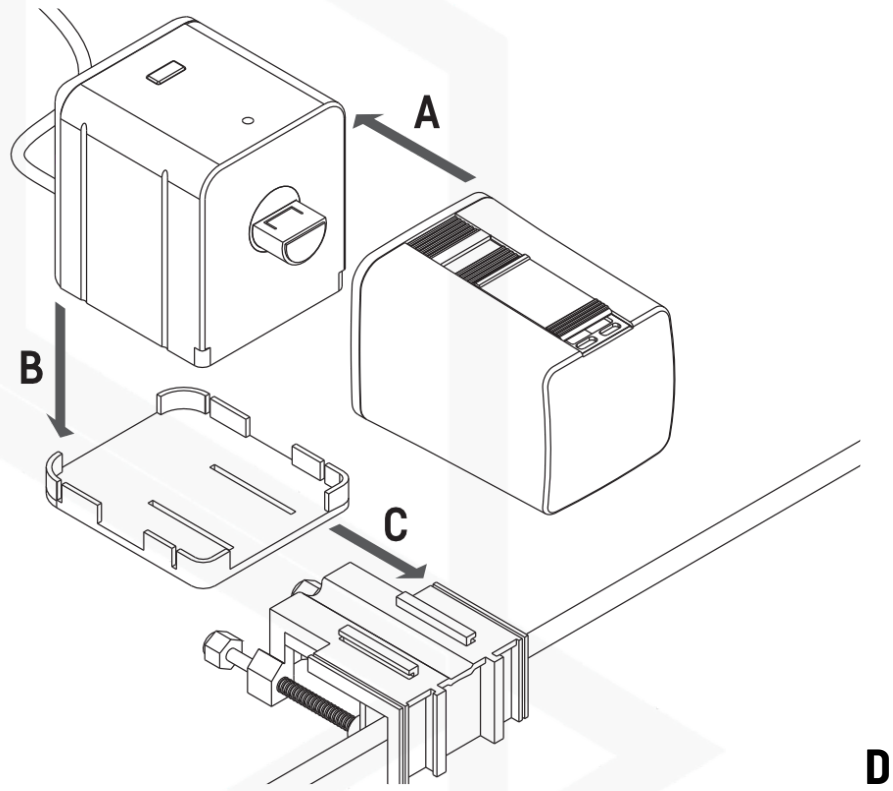
Insert the moisture absorber and install the holder.



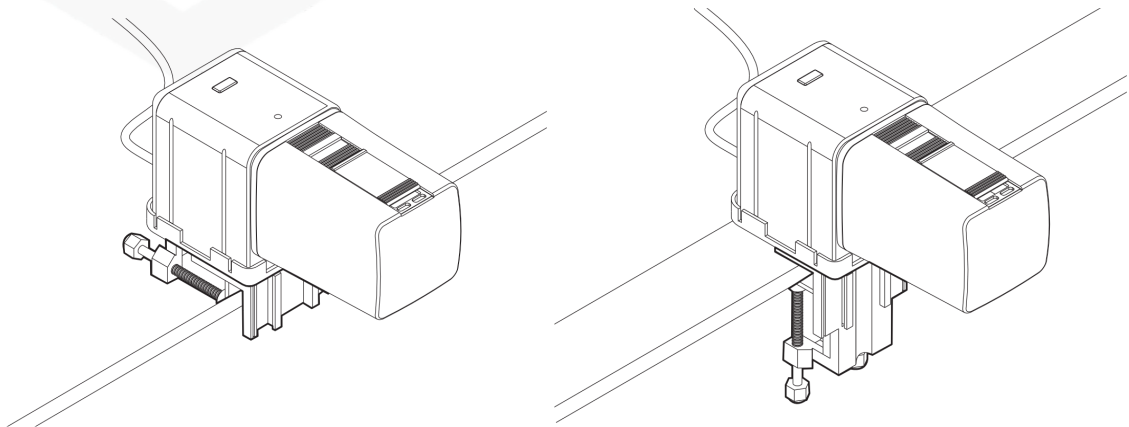
Place the food in the container and close it.



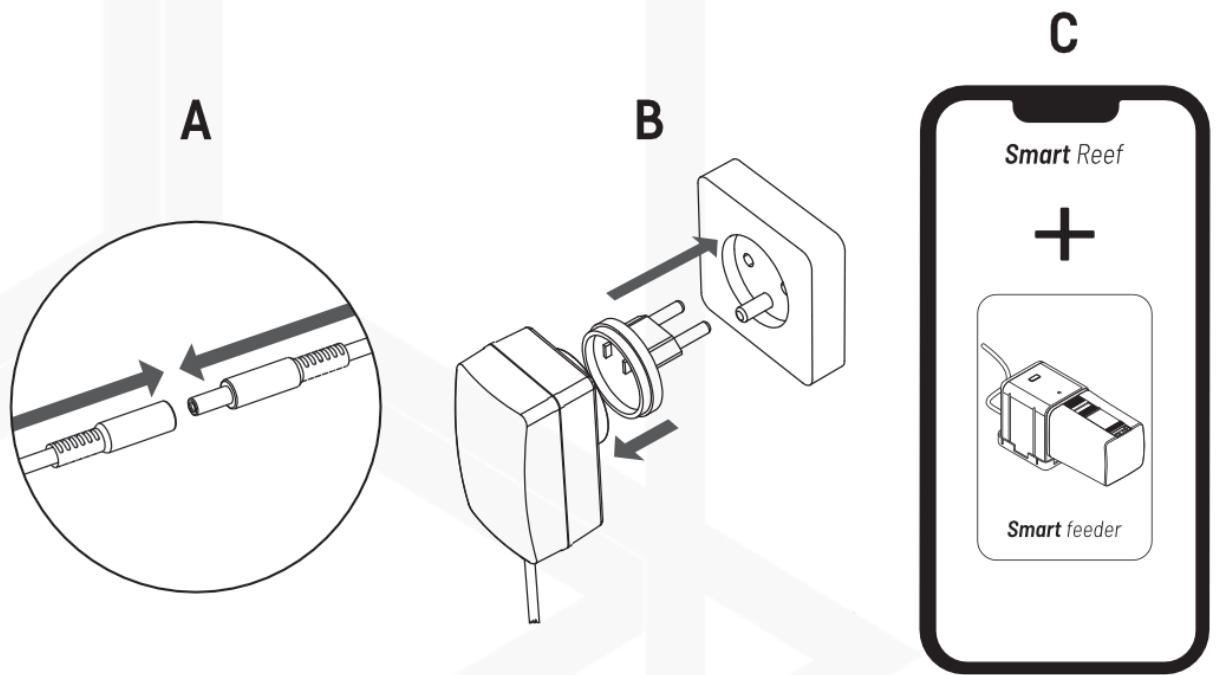
Adjust the gap, adjusting for the size of the food.



Install the container and device according to the graphic.



The device can be mounted on the aquarium without reinforcements or for reinforcement.



Connect the device to the power supply and proceed to the configuration.


III. Initial configuration

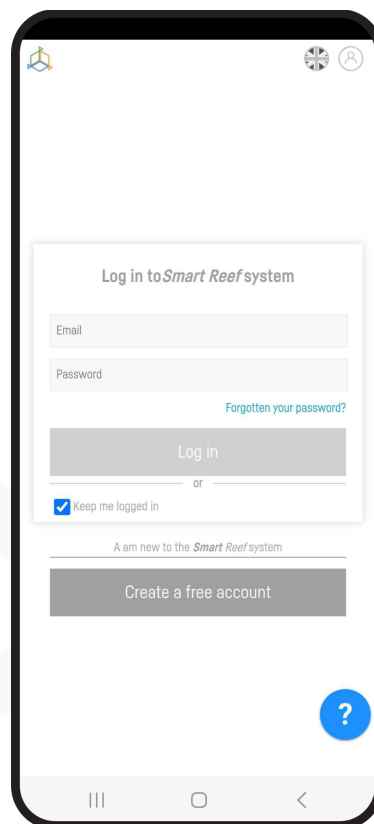
To connect the device to your account using the Smart Reef app, the device must be connected to power and within range of your home network, and your phone or tablet. You can download the app from the Play store and the App store.

1. open the Smart Reef app on your mobile device and log in.

If you do not already have a Smart Reef account, select **“Create a free account”**.


Enter the email address you want to use in the Smart Reef application as well as the password, and then repeat it.

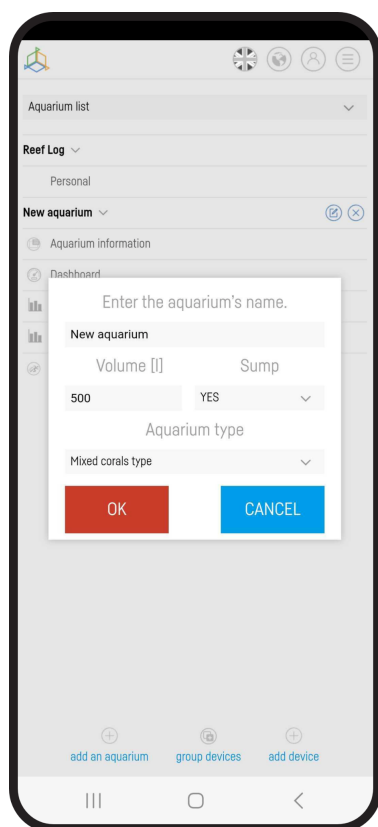
 If you don't want to, log in every time you launch the application, check **“Keep me logged in”**.



2. Create your aquarium in the Smart Reef app.

If you do not have your aquarium yet, use the option **“Add an aquarium”** in the lower left corner of the screen and provide the necessary information.

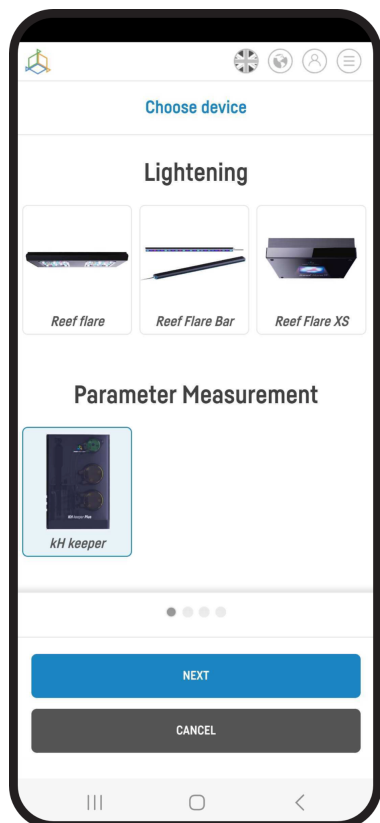
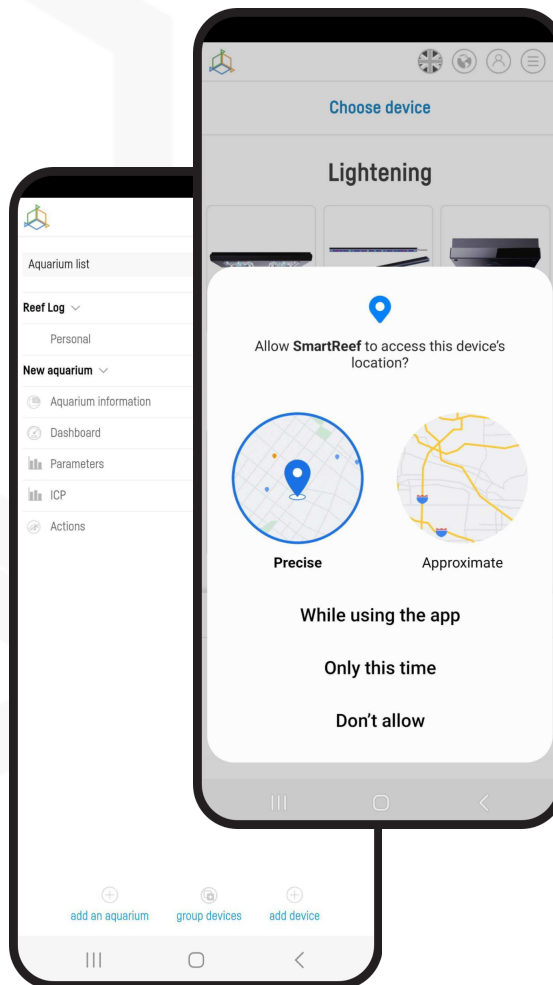
 If you already have your aquarium in the Smart Reef app, proceed to the next step.



3. Add the device to your Smart Reef account

From the list of aquariums or the list of devices in the lower right corner of the screen, select **"add device."**

Allow the app to use your exact location when using the app. This allows the app to connect devices to Wi-Fi networks more easily.



Select from the scrolling list the device you want to add to your Smart Reef account and press **"NEXT"**.

4. Set up a Wi-Fi connection to your home router.

Enter the exact Wi-Fi network name of your home router.

Then enter the password for your home router, if required, and press **"NEXT"**.

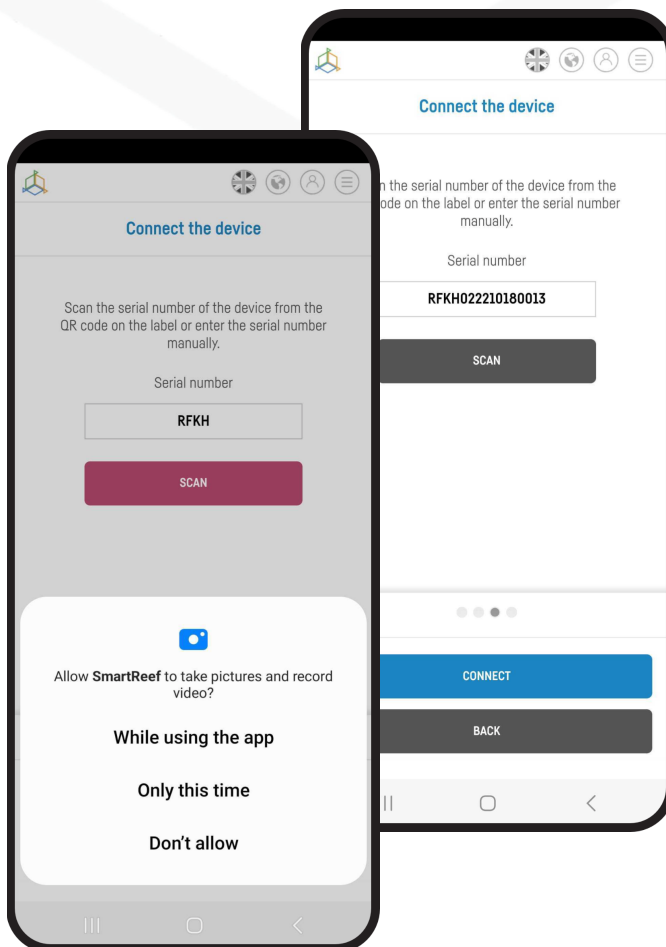
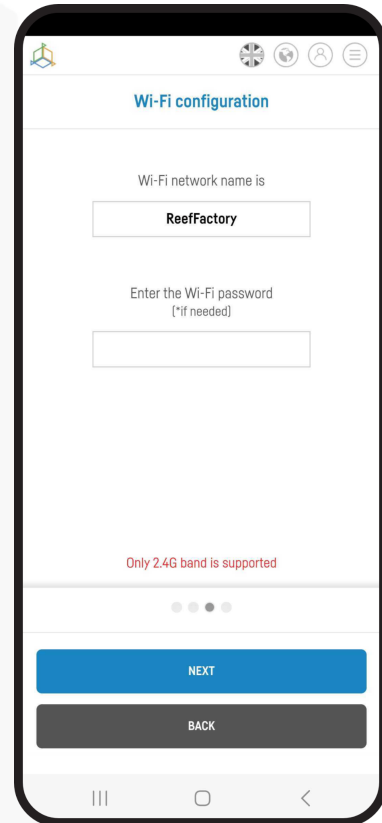


Pay attention to uppercase and lowercase characters.

NOTE: Special characters may not be supported if the name or password for your router contains such characters, change them in your router's settings.



NOTE: Reef Factory devices only support the 2.4 GHz Wi-Fi network band. If your router generates 2.4 GHz and 5 GHz bands, indicate the name of the 2.4 GHz network.



Select **"SCANNING"** to scan the QR code on the device, then allow the Smart Reef app to access the camera while using the app.

After pressing **"SCAN"**, hover your phone's camera over the QR code to scan it, or manually enter the device's serial number and select **"CONNECT"**.

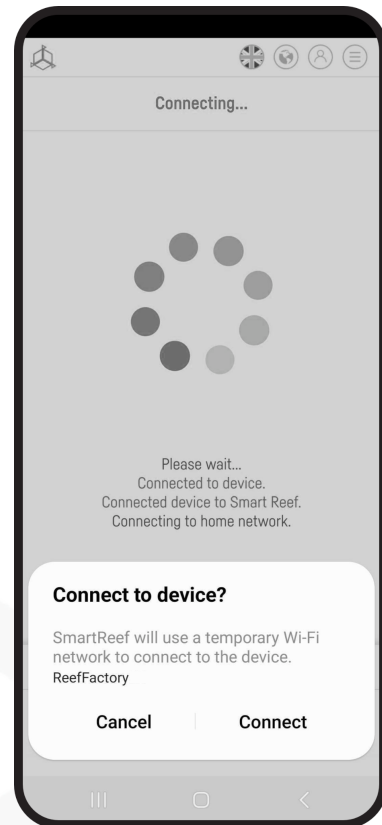


You can find the serial number on the device, on the packaging and as the generated Wi-Fi network.



The serial number starts with RF, an abbreviation of the device name, and a string of digits.

Allow the Smart Reef app, to temporarily connect to set up a Wi-Fi network.



Congratulations! The device has been correctly added to your Smart Reef account and will appear in the list of devices within 60 seconds.

IV. Configuration of device operation.

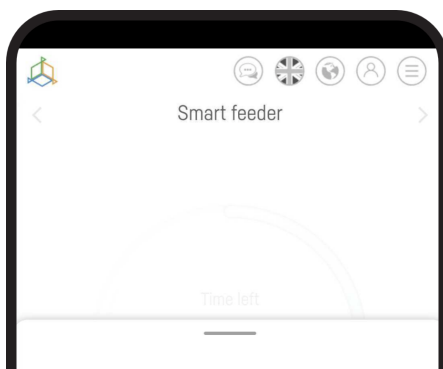
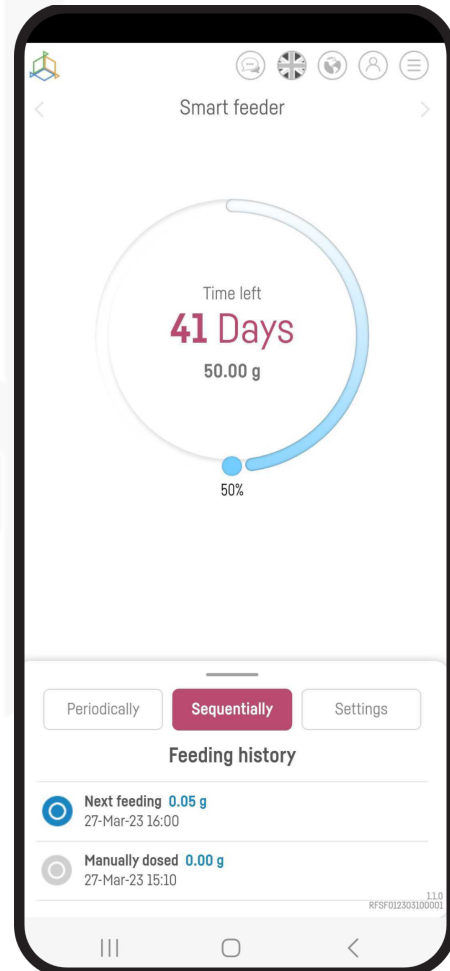
After selecting a device from the list, you will get access to the Smart Feeder's home screen.

On it, you will find the current status of the feed container, information about the expected time of operation, the current mode of operation of the device, the settings tab, feeding history, and detailed information about the next feeding dose.

The **Periodically** tab starts the feeding according to the schedule.

The **Sequential** tab starts feeding according to a predefined interval.

Settings tab, where you can configure the modes and settings of the device.



Configure Periodically feeding

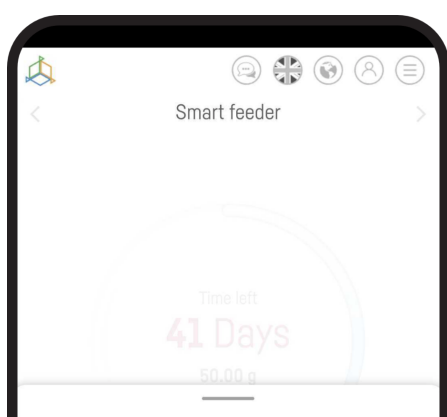
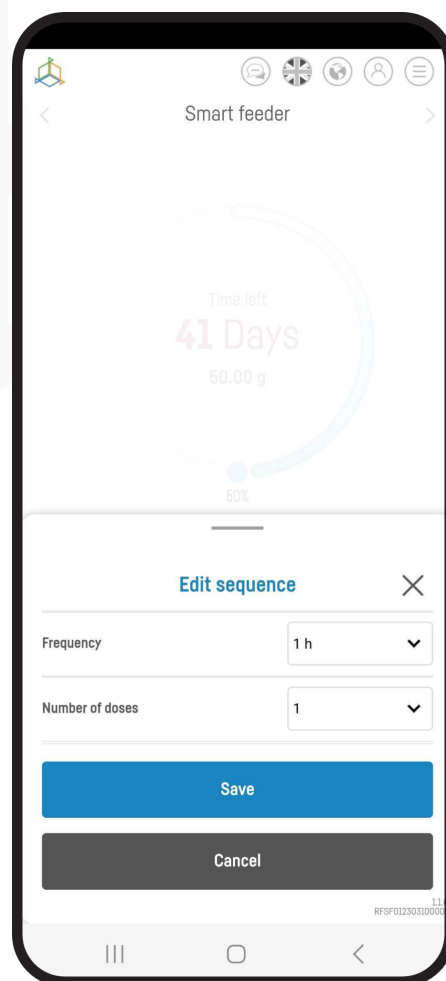
Under the "Settings" tab, select "Edit Cyclic." Configure individual

doses by selecting "Add Dose" and specify, the number of doses by selecting it from the list the time it is to be given, and on what days. To approve an individual dose, select "OK" and then "Save" to save all doses.

Configure sequential feeding

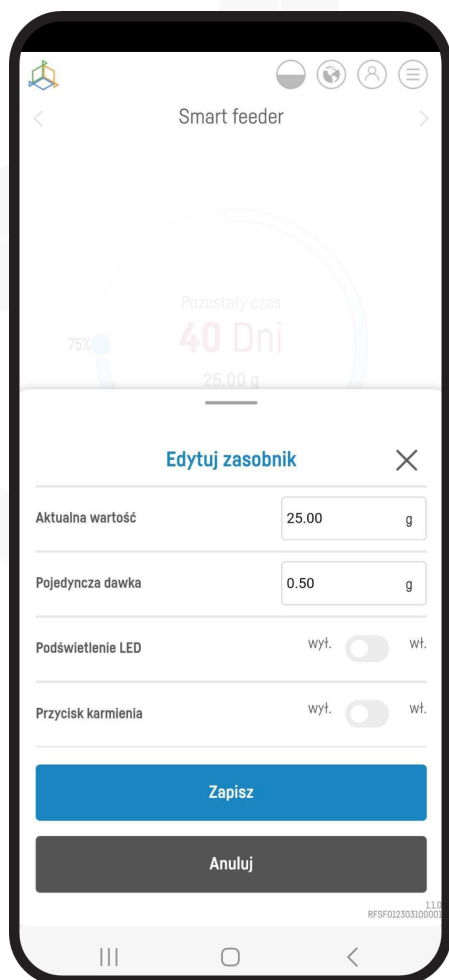
In the "Settings" tab, select "Edit Sequence." Configure the feeding frequency and how many revolutions are to be performed.

To confirm the settings, select "Save."



Under the "Settings" tab, select "Edit tray." Next, specify the current amount of feed, and then the amount of a single dose to be fed when the container is turned.

Here you can also enable or disable the sub-window



Tray configuration

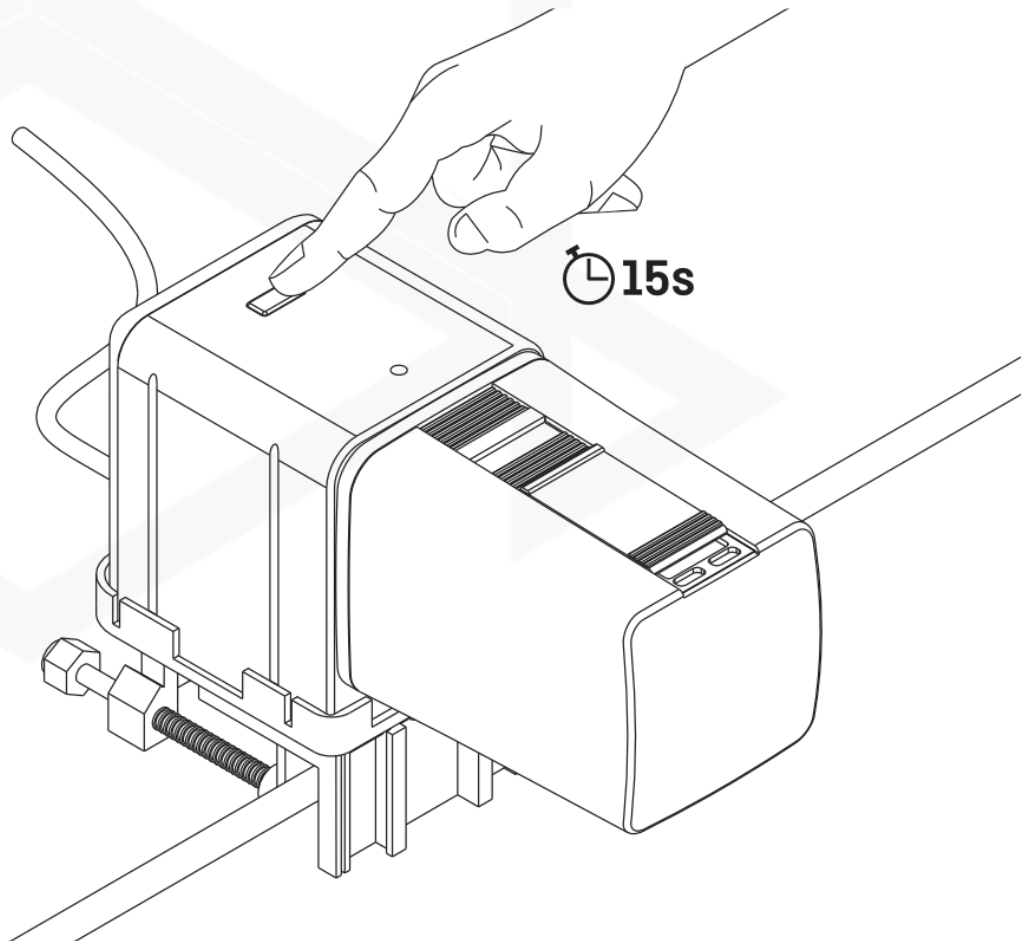
LED illumination, as well as activate, or deactivate the execution of the feeding through a button on the device.

V. Led indicator

COLOR	LIGHTING MODE	IMAGE
orange	continuous	standby
orange	blinking	the device has been reset
blue	continuous	device error, container blocked
blue	blinking	feeding in progress

VI. Controlling the device with a button

Reset the device to factory settings

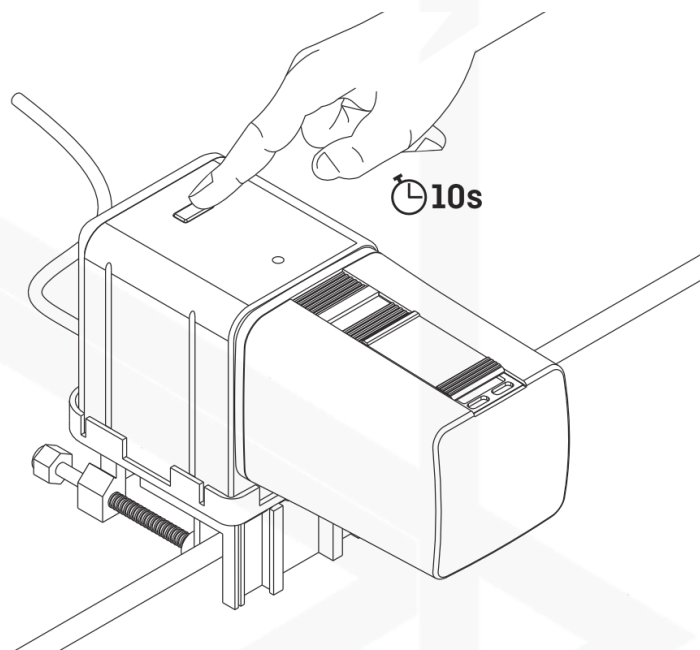


Press the button for 15 seconds to reset the device to factory settings.



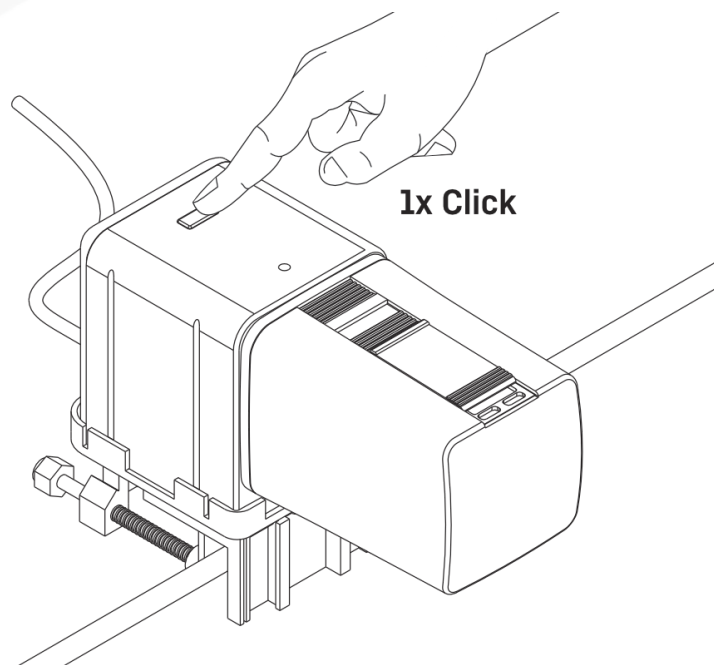
After resetting the device to factory settings, a reconfiguration is required, and all settings will be deleted

Resetting the WiFi network



Press the button for 10 seconds to reset the WiFi network and restore its visibility.

Single feeding



Press the button once to start the feeding.

You can manage the operation of the button and the feeding dose in the "Settings" tab.

VII. Updating the device

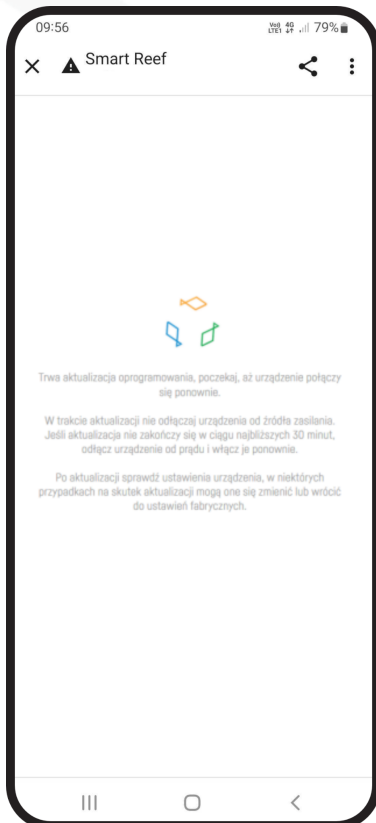
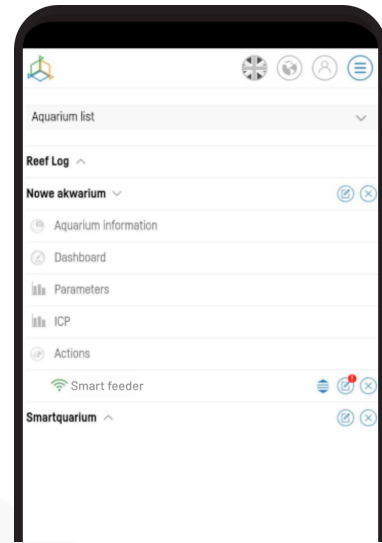
To update, log into Smart Reef on the mobile app or at www.reeffactory.com.

Then press the "Edit" button with a red indicator next to it indicating that an update is available.

In the next one you will see a message about the availability of a new software version. Press "OK" to update the software.



Note that the device may need to be reconfigured or calibrated after some updates.



After pressing the "OK" button, the process of automatic updating of the device will take place.

Do not unplug the device during the update. If the update does not finish within 30 minutes, reset the device.



After the update, check the settings of the device, in some cases due to the update I may change or return to factory settings.

VIII. Information and warnings



IMPORTANT INFORMATION! Thermo control device is not completely waterproof. Avoid immersion, splashing and high humidity. Exposure of the device to these factors may cause permanent damage.



IMPORTANT INFORMATION! The device operates under mains voltage - there is a risk of electric shock.



IMPORTANT INFORMATION! PACKAGING

The device has been protected for transportation by packaging. After unpacking the device, please dispose of the packaging items in an environmentally friendly manner. All materials used for packaging are environmentally harmless and 100% recyclable. Keep packaging materials (polyethylene bags, foam, bundle wires, etc.) away from children when unpacking. There is a risk of swallowing, choking and suffocation.



IMPORTANT INFORMATION! FROM OPERATION

The device is marked in accordance with the European Directive 2012/19/EU and the Polish Law on Waste Electrical and Electronic Equipment with the symbol of a crossed-out waste container. Such marking informs that this equipment, after its useful life, must not be placed together with other household waste. The user is obliged to give it to waste electrical and electronic equipment collectors. Collection operators, including local collection points, stores and municipal units, shall establish an appropriate system for handing over this equipment. Proper handling of waste electrical and electronic equipment, contributes to avoiding harmful consequences for human health and the environment, resulting from the presence of hazardous components and improper storage and processing of such equipment.

1 The manufacturer of the equipment described in this manual is:

Reef Factory Ltd.

94 Bydgoska Street

86-032 Niemcz

Poland

Manufacturer's website: www.reeffactory.com

(2) The manufacturer declares that the offered products comply with the following standards:

RoHS 2011/65/EU,

RoHS 2015/863,

ED 2014/53/EU.

3 Reef Factory hereby declares that the equipment complies with Directive 2014/53/EU.

The full text of the EU Declaration of Conformity is available at the following web address:

<https://download.reeffactory.com/instructions/thermocontrol/ThermoControlCE.pdf>

4 The devices manufactured by Reef Factory are intended only for home use or stores operating in the aquarium industry, they are not dedicated to industrial applications.

5 The equipment is suitable for dispensing non-hazardous liquids, such as corrosive substances, high concentration acids or flammable substances. If you have any doubts about whether a substance can be dispensed using our equipment, please contact us.

IX. Warranty Conditions

Reef Factory Ltd. does not guarantee uninterrupted or error-free operation of this product. The warranty covers only technical hardware problems that occurred during the warranty period and under normal conditions of use.

1. equipment manufactured by Reef Factory is guaranteed for a period of time:

24 months for individual and business customers using consumer products.

12 months for a business customer using demonstration products.

(2) Accessories and spare parts for the equipment shall be warranted for a period of 6 months.

(3) Proof of warranty for the product is a receipt or purchase invoice, on which the date of purchase and the name of the device are legibly placed.

(4) Technical defects of the product revealed during the warranty period will be removed free of charge as soon as possible not exceeding 14 days from the date of delivery of the device to the Authorized Service Center.

(5) The user shall have the right to have the product replaced by the Guarantor with a new product free of defects,

where:

Five repairs requiring component replacement were made during the warranty period,

and the product continues to show defects,

The Authorized Service Center stated in writing that the defect was impossible to correct.

(6) The condition for warranty repair is:

Deliver the product in the original factory packaging or other packaging that protects the device during transportation to an Authorized Service Center.

Presentation of proof of purchase,

Describing the malfunction that occurs in the device.

7 The warranty does not cover:

Normal wear and tear of materials and consumables (e.g., wearable consumables such as probes, sensors, pump heads, hoses, etc.),

Mechanical damage and the defects caused by it,

Damage due to improper use or storage of the product that does not comply with the instruction manual,

Damage caused by arbitrary repairs and alterations made by the Buyer or unauthorized persons,

Damage resulting from natural wear and tear, such as scratches, dirt, abrasions, wiped lettering, etc.

(8) Employees of the Authorized Service Center are authorized to assess the causes of product defects.

(9) The repair period may be extended in case of disruptions caused by circumstances of force majeure such as natural disasters, civil unrest, etc.

(10) Warranty rights do not include the buyer's right to claim reimbursement of lost profits or incurred losses due to product defects.

(11) The warranty period shall be extended by the time the device is in authorized service.

(12) In matters not covered by the terms of this warranty, the relevant provisions of the Civil Code shall apply.

(13) The warranty shall not exclude, limit or suspend the buyer's rights under the

From the provisions of the warranty for defects in goods sold.

14 The repaired or replaced product may contain new, or refurbished components.

15 Please be advised that repair or replacement of a product involves a significant risk of loss of data stored in the product (especially related to its configuration and measurement history). Therefore, the Customer accepts that during repair or replacement of the product, the data may be erased.

16. the Guarantor is not responsible for the lack of full compatibility (compatibility) of the product in operation with accessories or third-party devices used by the Customer. In particular, this applies to network devices, the configuration of which may limit the ability to connect and exchange data between the device and the server.

17 The customer shall deliver the device for repair to the Authorized Service Center at his/her own expense, while the service center shall send the device back to the customer at his/her own expense after the warranty repair.

18 The Authorized Service Point may repair/restore the device at the Customer's expense (post-warranty repair), however, the Customer must approve this cost before the repair is performed.

(19) An Authorized Service Point may refuse to repair or replace a device that does not exhibit product defect characteristics after a test under service conditions

In terms of its use (confirmation of full efficiency of the device).

(20) The Guarantor shall not be liable for incidental or consequential damages, caused by breach of warranties or conditions or any other theory of law, including but not limited to loss of use; loss of income; loss of actual and presumed profits (including loss of contract profits); loss of business; loss of opportunity; loss of goodwill; loss of reputation.

(21) The guarantor shall not be liable for direct or indirect damage caused by a malfunction, or failure of the device, as well as for damage caused during the period of repairs performed, or replacement of the device associated with the inability to use the device.

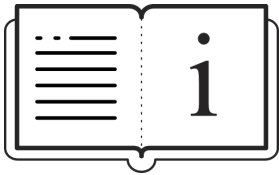
X. Technical information

Device name	Smart feeder
Device model	RFSF01
Operating temperature/humidity	10°C - 50°C / 0 - 99%
Power consumption	0,5-5W
Power Supply / Adapter	12V DC 1A / 100V-230VAC 50-60Hz (AC-DC adapter)
Dimensions (mm)	140x65x60 mm
Weight	220 g

The device is manufactured with different versions of power cables and power outlets, depending on the country in which it will be used.

XI. Knowledge base and technical support

Need our help?



Check out our knowledge base!

[Help Center - Jira Service Management](#)

Do you have more questions?



Use the form in the link above

or email us - support@reeffactory.com