



STREAM ECO

Smart Indoor Watering System

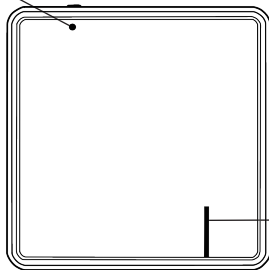
User Manual

Meet the Watering System of the Future

For user manuals in other languages, please visit
netrohome.com

Meet Stream Eco, the Smart Indoor Watering System

Watering Status Light



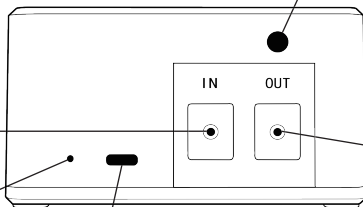
Network Status Light

Manual Watering Button

Water Inlet

Reset Button

USB Port



Water Outlet

The Netro App

- 1** Download the Netro app. If you do not have the Netro app on your mobile device, search for Netro and download the free Netro app in the Google Play store or App Store.
- 2** Launch the Netro app. Create a Netro account or log in with an existing Netro account to start setting up the Stream Eco. If you are using other Netro products, you do not need to create another account. Instead you can add your Stream Eco to the same account.

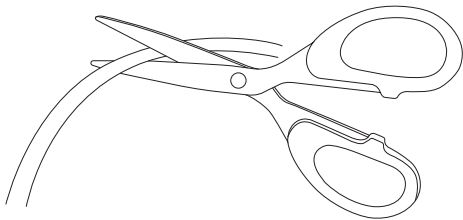
Setup the Stream Eco in the app

- 1** Plug in the power of the Stream Eco to turn it on.
- 2** The Network Status Light will flash in blue, indicating that it is ready for the network connection.
- 3** Make sure the Stream Eco stay close to your router, and follow the steps in the Netro app to add your Stream Eco to your Netro account.

Install the Stream Eco

1

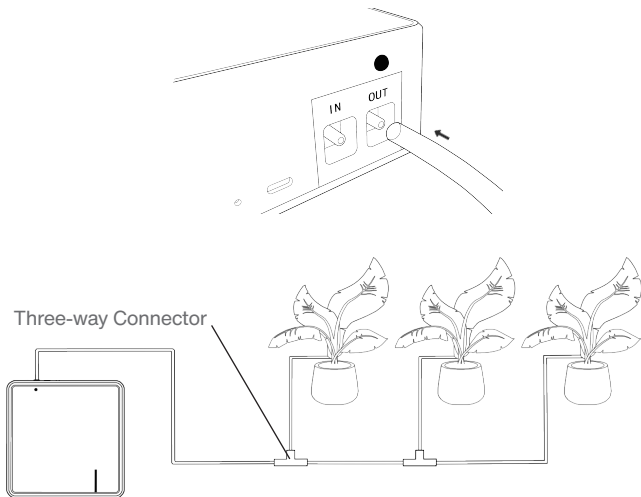
Cut the water pipes into several appropriate lengths according to your needs (such as the location of the flower pots and their distance from the Stream Eco).



Install the Stream Eco

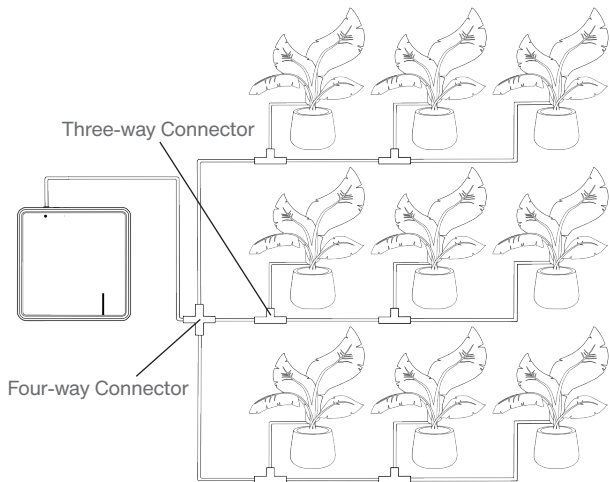
2

Connect the tubing to the water outlet. Use the three-way or four-way connectors to split the water flow if you have multiple plants to water, as shown below.



Example One

Install the Stream Eco

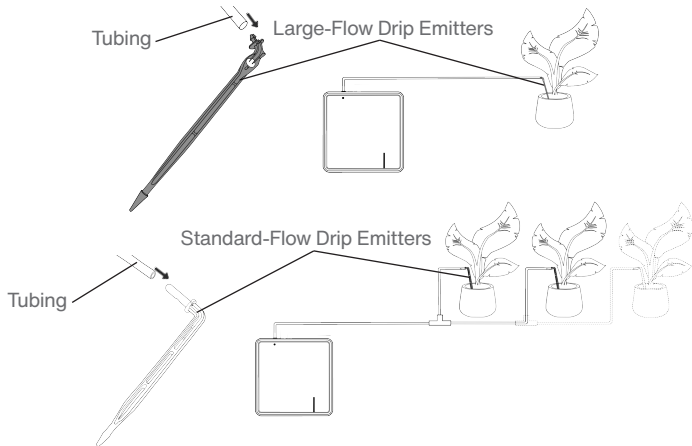


Example Two

Install the Stream Eco

3

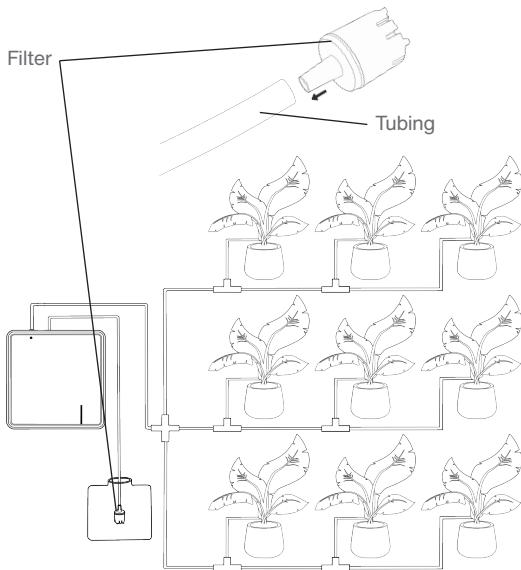
Connect the tubing to the drip emitters and insert them into the pots. When watering one potted plant with each outlet, use a large-flow drip emitter to connect the tubing. When watering two or more potted plants with each outlet, use a standard-flow drip emitter to connect the tubing. As shown below.



Install the Stream Eco

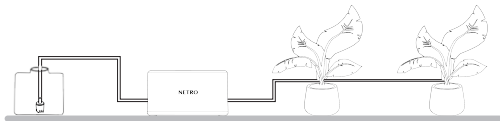
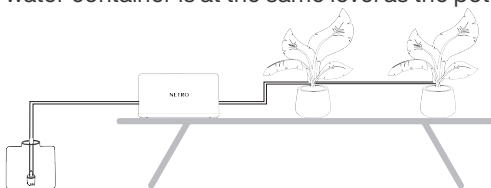
4

Attach the filter to the water inlet to filter impurities in the water.



Install the Stream Eco

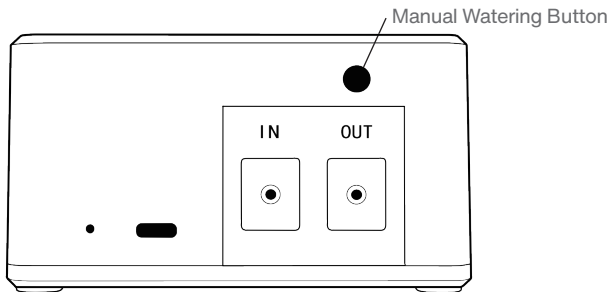
To prevent the siphoning effect, if possible, place the water container below the potted plants. If not possible, ensure that the water container is at the same level as the potted plants.



Install the Stream Eco

5

Press the Manual Watering Button twice quickly to test whether the Stream Eco is working properly. Then press the Manual Watering Button twice again to stop watering.



Test WiFi connection

1 Test the WiFi signal (if the pump is moveed, these steps can be performed to ensure that the network is connected)

1. Plug in the power of the Stream Eco, then press the reset button shortly (less than 1 second) to restart the Stream Eco.
2. The Stream Eco will try to reconnect to the network.
3. Wait for 15-30 seconds.
4. If the network connection is successful, the Network Status Light will show solid green.
5. If the network connection fails, the Network Status Light will show solid red, and and you need to move the Stream Eco closer to the router (generally, the distance should be kept within 30 meters).

Power supply

To ensure the device remains online, please use the data cable and power adapter included in the package to plug in Stream Eco.

Device Status Explanation

Network Status

Bluetooth Pairing Mode: the Network Status Light flashes in blue, waiting for Bluetooth connection.

Online: the Stream Eco is connecting to the network, and the Network Status Light is in solid green.

Offline: the Stream Eco fails to connect to the network, and the Network Status Light is in solid red.

Irrigation Status

Watering: the Stream Eco is watering, and the Water Status Light is in solid blue.

Exception: the Water Status Light flashes in blue. This may be caused by a lack of water.

Watering Status Light

Stream Eco's Watering Status Light has three possible statuses:

Off: the Stream is not watering.

Solid blue: the Stream is watering.

Flashes in blue: the Stream is idling, please check if there is a lack of water.

Network Status Light

Stream Eco's Network Status Light has seven possible statuses:

Flashes in blue: the Stream Eco is in a Bluetooth Pairing Mode.

Solid blue: the Stream Eco has been connected via Bluetooth.

Solid white: the Stream Eco is trying to connect to your home WiFi. It will change to solid green or solid red within 30 seconds.

Solid green: the Stream Eco has connected to the network.

Flashes in green: the Stream Eco is communicating with the cloud server.

Solid Red: the Stream Eco fails to connect to the network.

Yellow: the Stream Eco has been restored to factory settings.

Manual Watering Button

Stream Eco's Manual Watering Button has one function:

Start-stop of manual watering : when the Stream Eco is plugged in, press the button twice quickly to start watering. The default watering time is 10 minute. If you want to stop watering earlier, please press the button twice quickly again.

Reset Button

Stream Eco's reset button has three functions:

Restore factory settings/reconfigure WiFi: press and hold the reset button for 6 seconds, the Network Status Light will turn yellow, and the Stream Eco will restore factory settings and enter Bluetooth Pairing Mode. If you need to initialize all settings of the Stream Eco in the Netro app, please remove the Stream Eco from the app before performing the operations above.

Restart: press the reset button shortly (less than 1 second) to reboot the Stream Eco.

How to store an idle Stream Eco?

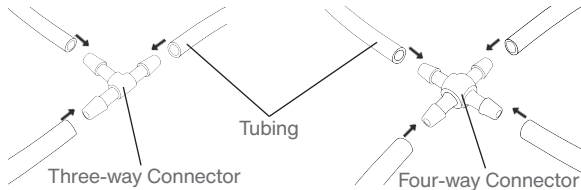
Press the manual watering button twice quickly to drain the remaining water inside. At this moment the water shortage alarm can be ignored, then unplug the Stream.

Accessories

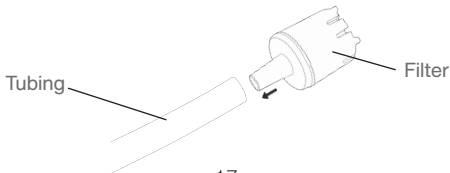
Tubing: connects to the water inlet, water outlet, three/four-way connectors, plastic/metal plug, and drip emitters directly for water transportation.

Tip: the tubing has resilience, though, but prevent the tubing from falling off at the joint due to water pressure, please cut off the tubing at the joint part each time you reconnect the tubing to ensure that the tubing always has preferable resilience.

Three/four-way Connectors: connect to the tubing to create multiple irrigation paths.

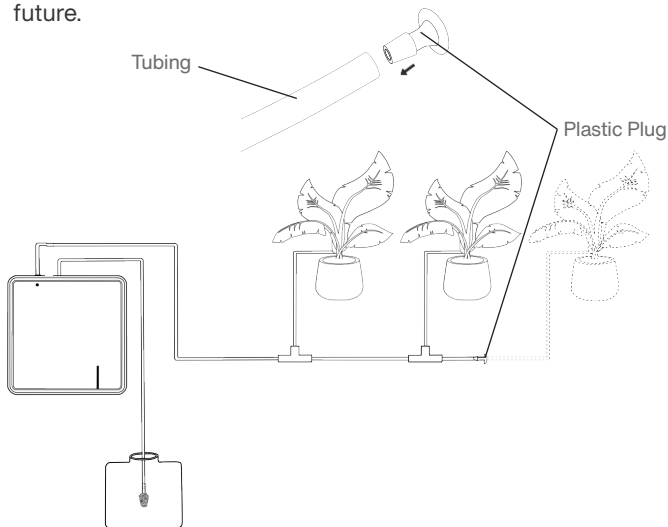


Filter: connects to the tubing of the water inlet, used to filter impurities in the water to avoid blocking the Stream and tubing.



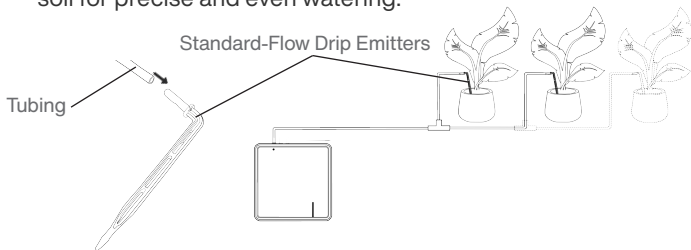
Accessories

Plastic Plugs: If you want to remove the potted plants **temperately**, you can close the unused outlets with the included plastic plugs. It will be more convenient for you to expand your irrigation system if you purchase additional potted plants in the future.

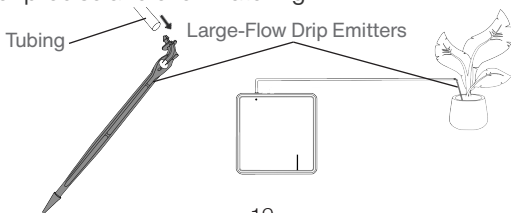


Accessories

Standard-flow Drip Emitter: when watering two or more potted plants with each outlet, please use a standard-flow drip emitter to connect the tubing. Insert the drip emitter into the soil for precise and even watering.

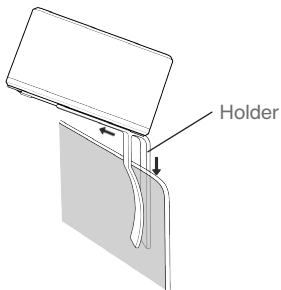


Large-flow Drip Emitter: when watering one potted plant with each outlet, the great water pressure may reduce the life of the Stream. In order to avoid it, please use a large-flow drip emitter to connect the tubing. Insert the drip emitter into the soil for precise and even watering.



Accessories

Holder: installs it at the bottom of the Stream, using it to fix the Stream on some planes or curved surfaces.



Mechanical Specifications

Model No.: Stream Eco

Dimensions: 4.1×4.1×2.2 inches

Weight: 7.1 oz/202 g

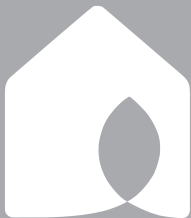
USB charging current: 600 mA

Tubing size: inner diameter 4mm, outer diameter 6mm

Operating temperature range: 32 to 122 °F / 0 to 50 °C

Box contains: irrigation pump, filter, plastic plugs, standard-flow drip emitters, large-flow drip emitter, three-way connectors, four-way connectors, power adapter and cable, holder, tubing, instructions

WiFi: 802.11 N, 2.4 Ghz



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