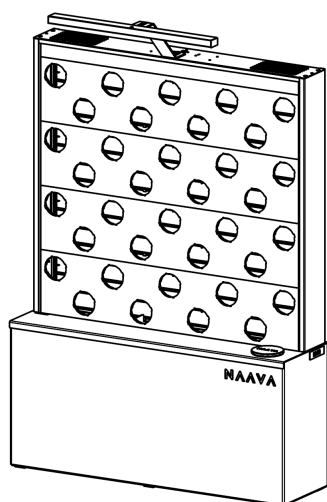
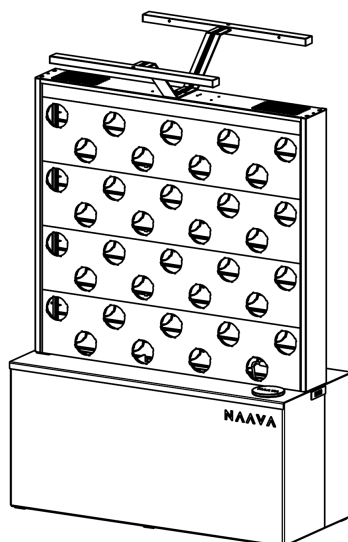


NAAVA

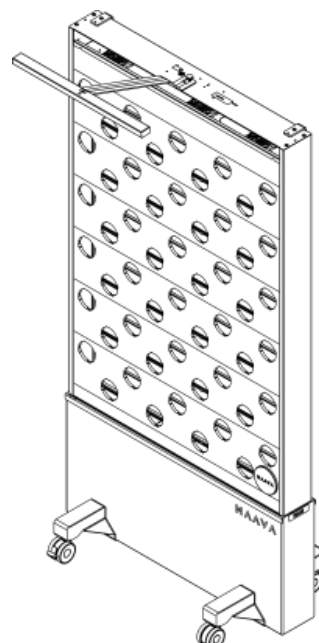
breathe



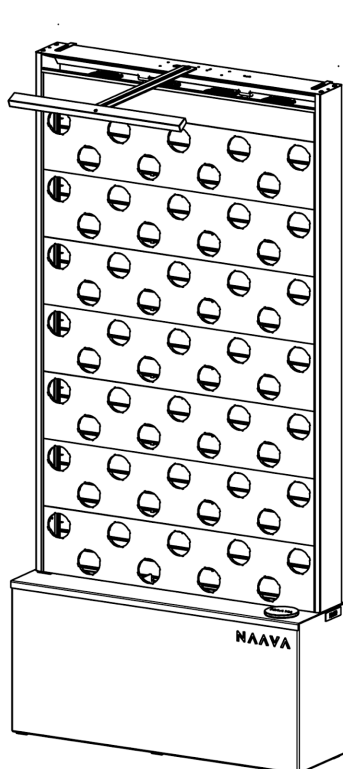
Naava Flow



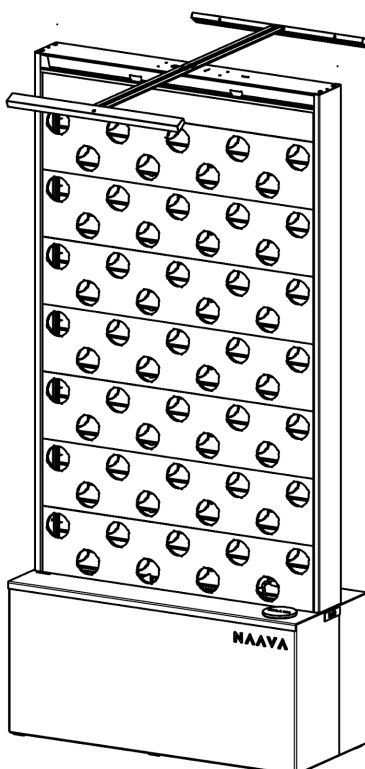
Naava Flow Duo



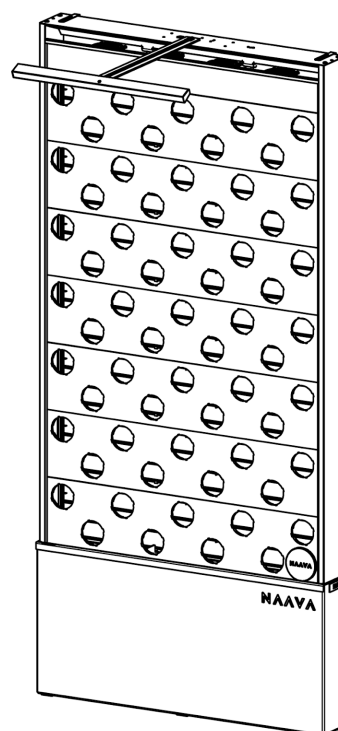
Naava Swan N100x197



Naava One



Naava Duo



Naava One Slim

# USER MANUAL

READ AND SAVE THESE IMPORTANT INSTRUCTIONS

Naava, not a normal green wall.

# User Manual

For models Naava Duo N100x210, Naava Duo N100x231, Naava Duo N60x210, Naava Duo N60x231, Naava Flow Duo N100x138, Naava Flow Duo N60x138, Naava Flow N100x138, Naava Flow N60x138, Naava One N100x210, Naava One N100x231, Naava One N100x294, Naava One N60x210, Naava One N60x231, Naava One Slim N100x210, Naava One Slim N100x231, Naava One Slim N100x294, Naava One Slim N60x210, Naava One Slim N60x231, Naava Swan N100x197.

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## Letter to Our Customers

Dear Customer,

Thank you for choosing the Naava. At Naava we are reconnecting humanity with nature. We use future technology that embraces millions of years of natural innovation combined with Scandinavian design. We make the smartest green walls on the planet to bring nature inside, everywhere.

What makes Naava a unique innovation?

Naava's technology elevates the air purification efficiency of plants to a

whole new level and creates fresh indoor air. In a Naava space, people are happier and less stressed, make fewer mistakes, suffer less from indoor air symptoms.

All of our models combine unique technology with the beauty of nature's intelligence and Scandinavian design.

## Notes regarding the operating manual

### Symbols



#### Hazardous electric current!

Warns about hazards from the electric current which can lead to injuries or even death.



#### Danger!

Warns of a hazard which can lead to personal injury.



#### Caution!

Warns of a hazard which can lead to property damage.

The current version of the operating manual can be found at:

<https://naava.io/simple>

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®Naava Group Oy



# IEC information - when the appliance is used outside EU (Non US or Canada)

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

The appliance is only to be used with the power supply unit provided with the appliance.

The appliance must only be supplied at safety extra-low voltage corresponding to the marking on the appliance.

The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 0.36 m is not expected

## EN information - When the appliance is used in the EU countries.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

Children should be supervised to ensure that they do not play with the appliance.

The appliance is only to be used with the power supply unit provided with the appliance.

The appliance must only be supplied at safety extra-low voltage corresponding to the marking on the appliance.

The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 0.36 m is not expected

## UL/CSA information - when the appliance is used in USA or Canada

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

The appliance is only to be used with the power supply unit provided with the appliance.

The appliance must only be supplied at safety extra-low voltage corresponding to the marking on the appliance.

The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 0.36 m is not expected

## UAE Labelling

**TRA**

REGISTERED No:

ER97238/21

DEALER No:

DA00682/21

## Warranty and liability

The device complies with the fundamental health and safety requirements of the applicable EU regulations and was tested at the factory for perfect functionality multiple times.

However, if faults in the functionality occur and cannot be remedied with the measures in the chapter

Troubleshooting, please get in touch with your dealer or distributor.

When the manufacturer's instructions or legal regulations have not been followed, or after unauthorized changes to the device are made, the manufacturer is not responsible for the resulting damages. Changes to the device or unauthorized replacement of individual parts can drastically impact the electrical safety of this product and lead to the forfeit of the warranty. Liability does not extend to damages to people or property caused by the device being used other than as described in the instructions in this operating manual. Subject to changes to technical design and model changes as part of constant development and product improvement without prior notice.

No liability is accepted for damages resulting from improper use. In such a case, any warranty claims are voided also.

## Important Safeguards

It is important that you read, fully understand, and observe the following safety precautions and warnings. Read these instructions periodically. Careless or improper use of your **Naava green wall**, and **other Naava products** (later in this document as **Naava**) may cause serious or even fatal injury. Keep this User Manual with your **Naava** in a safe place. Be sure anyone using your **Naava** understands the information contained in this manual.

**Read this manual carefully before starting or using the device. Always store the manual in the immediate vicinity of the device or its site of use!**

### Danger

- Only use the appliance indoors and within the specified technical data. Improper use can be hazardous for health and lead to critical injury.
- Do not expose the appliance to rain, or use near water, or other damp location.
- Do not use or store where it can fall or be pulled into a bathtub, sink, water, swimming pool, or other liquid. Do not reach for a unit that has fallen into water or other liquid. Do not

submerge in water or other liquid, even when the unit is unplugged or off. Moisture can cause an electric shock hazard when the unit is again plugged into the AC outlet. Wipe moisture off the unit with a dry cloth. Do not handle the product with wet hands.

- Unplug the device from the mains before starting with maintenance, disassembly, service, or repair work.
- Tipping hazard. The device's water tank needs to be filled with water as part of the installation process. The device is not meant to be used without water in the water tank.
- With the units listed in the assembly instructions, always use Naava Wall fixing brackets and secure the Naava to Wall to prevent Naava from tipping over.
- Do not use the device in potentially explosive rooms, in an aggressive atmosphere, or use the appliance where combustible gases or vapors are present.
- Connect only one power supply to Naava at the same time.
- Do not overfill the water tank or pour water over the power supply. Place the power supply to a dry location where it is not possible to pour or overfill water to the power supply.

### Warning

- Connect the power supply unit only to alternating current with voltage 110-230 V AC outlet only. Do not use your Naava if the power cable or plug is damaged.
- Ensure that all electric cables outside and inside of the device are protected from damage (e.g. from animals). Never use the device if any of the cables or power connection is damaged!
- A loose fit between the plug and the AC outlet (receptacle) may cause overheating and a distortion of the plug. Contact a qualified electrician to replace loose or worn receptacles.
- Choking Hazard. Small parts, not for children.
- Children should not be allowed to operate the Naava. Children cannot recognize the hazards associated with the usage of electrical appliances. For this reason, always supervise children when they are near the Naava.
- Persons who are not familiar with the instructions for use, as well as children and persons under the influence of medication, alcohol, or drugs are not permitted to operate



the appliance or are only permitted to operate it under supervision.

- This appliance is not a toy! Do not leave the device running unattended with children nearby.
- Do not insert any objects inside the Naava, into the air intake, channel, or exhaust of the unit. It may damage the fan blades or cause injuries. After the Naava is switched off, the fans continue to rotate for a short period of time.
- Ensure that the air inlet and outlet are not obstructed.
- Eye damage can be caused by high light intensity. Never look directly into the Naava light source.

### Caution

- Place the Naava on a dry, level surface. This unit must be used in its upright and stable position.
- Never use the appliance if there is any damage to the appliance or cable, after a malfunction, after the appliance has been dropped or damaged in any other way.
- Always unplug the Naava power cord from the AC outlet before moving, or handling the unit. Never cover or transport the device during operation.
- Do not attempt any repair work. Maintenance or servicing the Naava, other than described in this user manual, should only be done by Naava. Any modification to your Naava is extremely dangerous and voids your warranty.
- Fill the device with fresh drinking water only.
- Only use extensions to the connecting cable which are appropriate to the device's power consumption, the length of its cable, and its use. Completely unroll extension cables to avoid electrical overload.
- ALWAYS unplug before removing/emptying the water tank, before assembling/dismantling individual parts, and before moving/handling the appliance.
- Do not run power cords under carpets, and do not cover with throw rugs. Arrange the cord so that it will not be tripped over.
- Never pull the plug from the outlet by the cable or with wet hands.
- Do not sit, stand, climb, or place any heavy objects on the appliance.
- Use only genuine Naava Smart Soil, Water Treatment Additives, Naava Cleaner, and Naava recommended nutrients or other Naava

products. Using non-Naava products will void the warranty.

- Ensure Naava Pots are properly sealed before using. If not properly sealed they may leak water, which can cause water damage to floors or surrounding areas.
- This appliance is not a substitute for proper ventilation.

Read and follow separate instructions and Warnings for other Naava products such as Naava Biofilters, Naava Smart Growth Medium, Naava Water Treatment Additive, Naava Cleaner, and Naava Nutrients.

Plants are living things and they need caretaking.

**California proposition 65 warning:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### Intended use

Use the Naava for humidifying and cleaning indoor air, while adhering to and following the technical data. The Naava is suited for humidifying the room air in order to create an agreeable room climate.

This device has been designed for indoor use only in a normal office or household environment. To prevent damage, never expose the device to any liquid or moisture. Avoid direct sunlight, heavy dirt, and strong vibrations.

### Improper use

The Naava is not suited for the use of liquids other than fresh drinking water. It is not suited for removing heavy contaminations from the air.

### Personnel qualifications

People who use this device must have read and understood the operating manual, especially the Safety chapter.

**This device may be used only by persons with sufficient physical, sensorial, and intellectual abilities and having corresponding knowledge and experience. Other persons may use this device only if they are supervised or instructed by a person who is responsible for their safety.**

## Residual risks



### Hazardous electric current!

Work on the electrical components must only be carried out by an authorized specialist company!



### Hazardous electric current!

Before any work on the device, remove the mains plug from the mains socket!



### Danger!

Dangers can occur at the device when it is used by untrained people in an unprofessional or improper way! Observe the personnel qualifications!



### Danger!

Do not leave the packaging material lying around. Children may use it as a dangerous toy.

## Electrical Cords



### California Proposition 65 warning:

The wires of this product contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Warning - tipping hazard



Children and adults can tip over the Naava pulling/pushing/climbing on the device if the devices with anti-tip devices have not been secured, or the anti-tip devices have not been installed according to the installation instructions.

This may lead to fatal injuries. To reduce the risk of the appliance tipping, secure, and connect the anti-tip devices or the anti-tip-feet according to the installation instructions.

Naava One Slim devices must **always** be secured with anti-tip devices to prevent tipping!

If Naava One devices are not installed with the anti-tip-feet, the Naava must be fixed to a wall or other suitable supporting structure with the anti-tip devices.



Before using Naava, as a part of the installation process, the water tank needs to be filled with water.



## NO

This device WiFi or Bluetooth is not allowed to be used within a 20 km radius of the centre of Ny-Ålesund at Svalbard, Norway.

## Behavior in the event of an emergency

1. In an emergency, disconnect the device from the mains.
2. Do not reconnect a defective device to the mains.

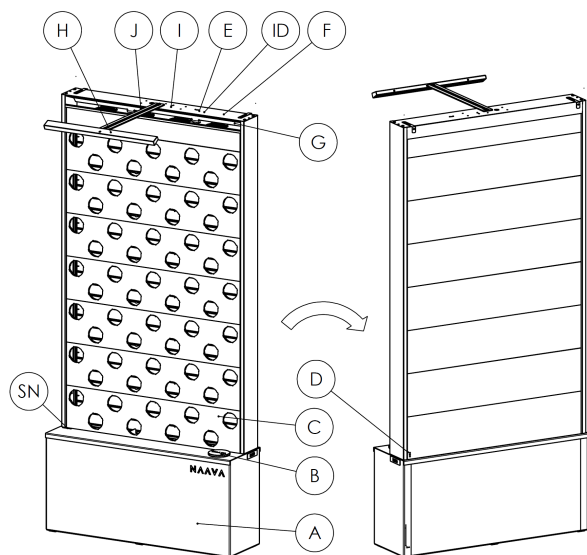
Please contact Naava [www.naava.io](http://www.naava.io) for additional information.

# Information about the device

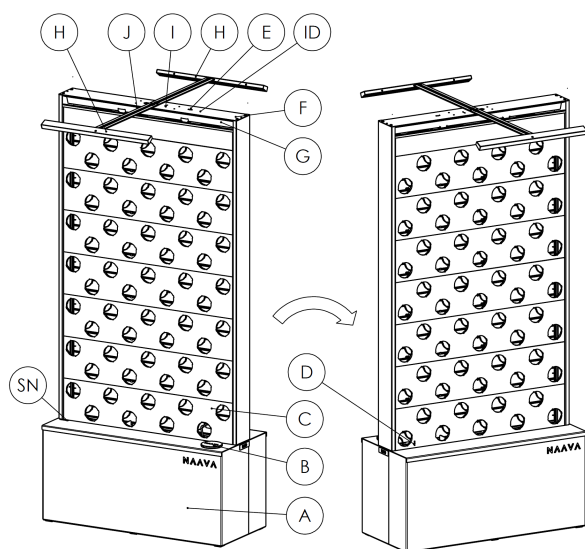
## Product overview

- A. Water Tank
- B. Water fill hole
- C. Panels with biofilters holes
- D. Power Input
- E. Power Input
- F. Hat part of Naava
- G. Air outlet
- H. LED lamp
- I. Reset button
- J. N shaped power on/off, and indicator light

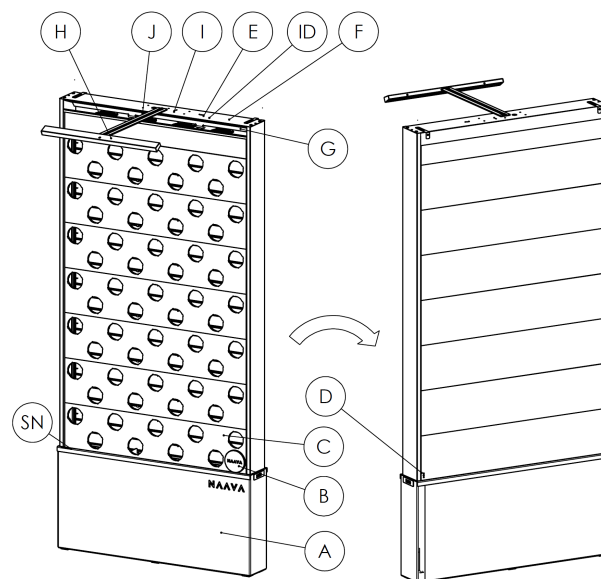
### Naava One



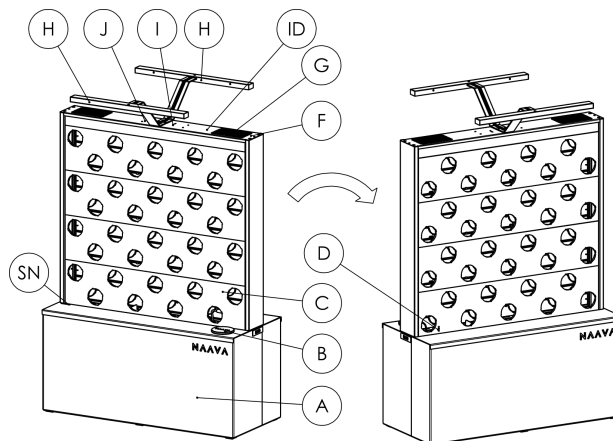
### Naava Duo



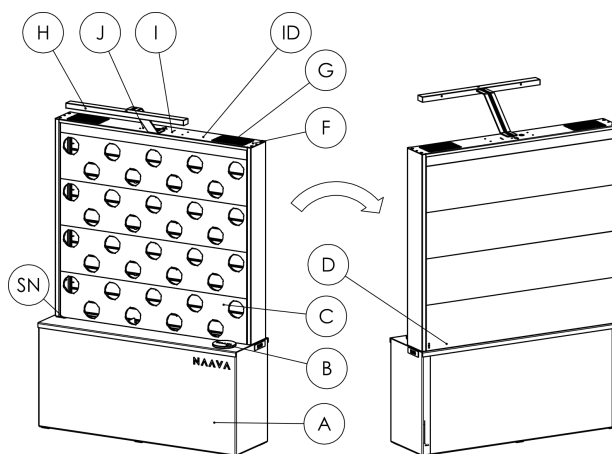
### Naava One Slim



### Naava Flow Duo



### Naava Flow



## ID label and device number location

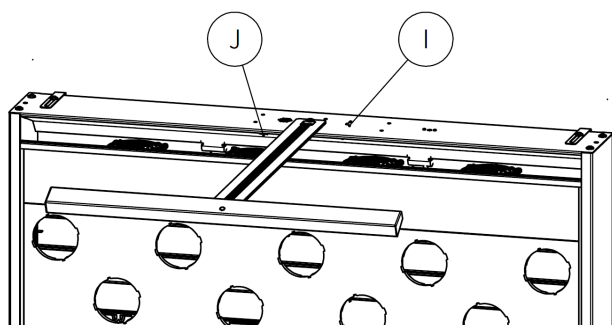
ID. The ID label location

SN. The Naava device number

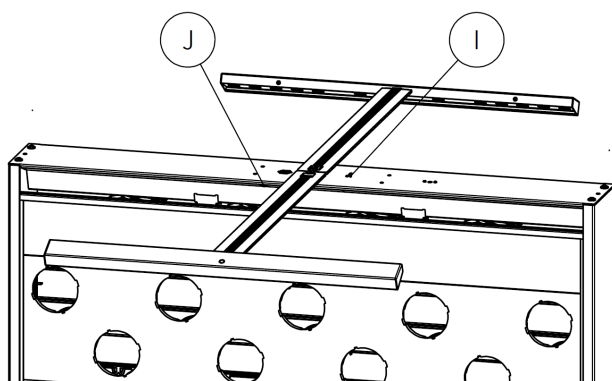
## Controls overview

- I. Reset button
- J. Power on/off, and indicator light

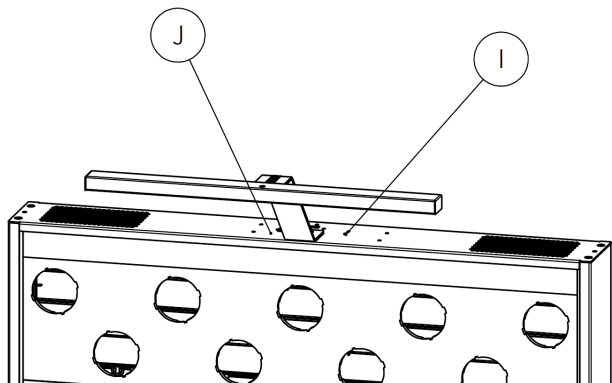
### Naava One, One Slim



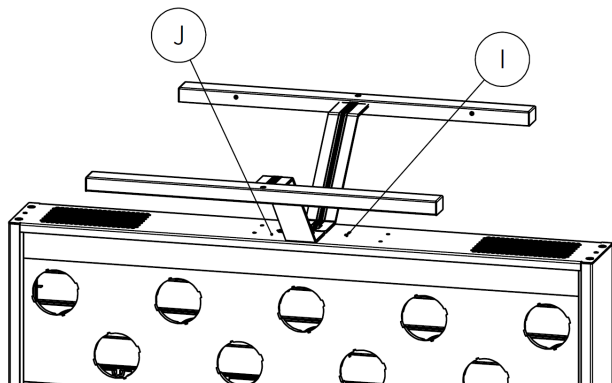
### Naava Duo



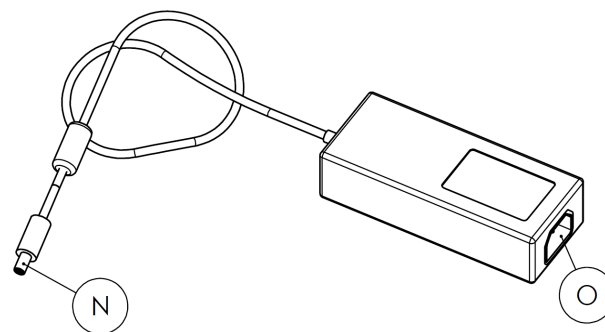
### Naava Flow



### Naava Flow Duo



## Power Supply



N. DC Power plug to plug into Naava power input.

O. Connector for mains cable

## Device description

- Recommended for rooms sizes up to:
  - Naava One from 36m<sup>2</sup> to 60m<sup>2</sup>
  - Naava Duo from 39m<sup>2</sup> to 65m<sup>2</sup>
  - Naava One Slim from 12m<sup>2</sup> to 20m<sup>2</sup>
  - Naava Flow, Flow Duo from 20m<sup>2</sup> to 35m<sup>2</sup>
- Humidification performance max. 416g/h
- Naturbo® biofilter air filtration system
- Airflow rate max. 80 m<sup>3</sup>/h
- Display of the relative humidity through naava.app
- Sensor-controlled automatic operation with the help of AI
- Automatic fan stages
- Noiseless night operation in whisper mode
- Water tank approx. depending on the model:
  - Naava One 78l or 130l
  - Naava Duo 195l
  - Naava One Slim 69l
  - Naava Flow 78l or 130l
  - Naava Flow Duo 116 or 195l
- Water level indicator through naava.app
- Automatic fan switch-off when the water tank is empty.
- Quiet operation

## FCC compliance information

This device complies with Part 15 of FCC rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## ISED compliance information

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- 1) L'appareil ne doit pas produire de brouillage;

2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Tout changement ou toute modification effectués par l'utilisateur et dont la conformité n'est pas expressément approuvée par l'organisme responsable de sa conformité peut entraîner l'annulation de droit de cet utilisateur de se servir de l'équipement.

## IC Radiation Exposure Statement:

This EUT is compliance with SAR for general population/uncontrolled exposure limits in IC RSS-102 and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528.

## REMARQUE IMPORTANTE

Déclaration IC d'exposition aux radiations Ce EUT est conforme avec SAR pour la population générale / limites d'exposition non contrôlée à IC RSS-102 et a été testé en conformité avec les méthodes de mesure et procédures spécifiées dans la norme IEEE 1528.

# Transport and storage

## Transport

Before transporting the device, proceed as follows:

- Remove the mains plug from the mains socket.
- Empty and clean the water tank.
- Prior to every transport check whether the parts of the device are firmly interconnected.
- Lift the device only from the water tank part.

## Storage

**Please note!** The plants can be separated from the Naava only for a very limited time. Plants will dry to death without the care of the Naava wall, or another constant suitable source of water.

Empty and clean the water tank prior to storage and reusing. We recommend a thorough cleaning of your Naava before storing the unit. Please make sure that all components are clean and dry prior to storing them. Do not leave water in the water tank when storing. Water left in the Naava may leave mineral deposits and allow unwanted microorganisms to grow.

When the device is not being used, observe the following storage conditions:

- Dry.
- Protected from dust and direct sunlight.
- With a cover to protect it from invasive dust, if necessary.

## Filling the tank with water

Before filling the water tank, make sure that the Naava is at the final installation location. Never move the Naava with a water tank full.

Fill the water tank of the Naava with clean tap water using a hose or watering cans or other suitable containers. The temperature of the water should be between +17°C and +25°C. (+62°F to +77°F.)

Stop the filling of the water tank when the water reaches a level of about 5cm/2" from the top of the water container.

Fill the Naava Water tank only through the Water Fill Hole.

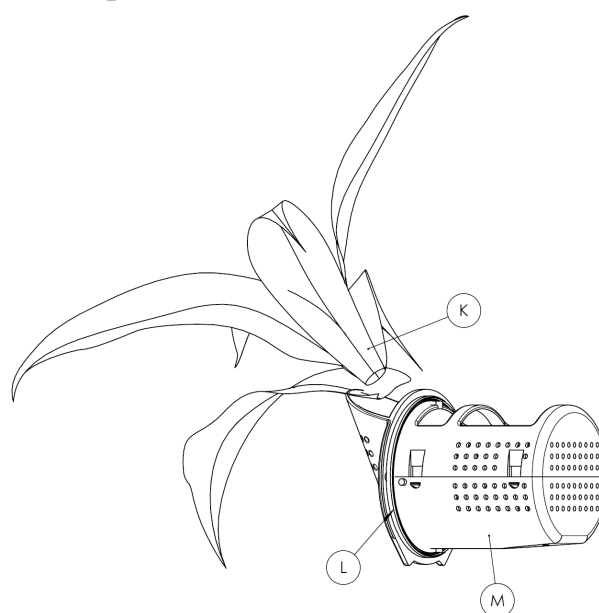
## Installing the biofilters\*

\* Naava Green wall does not function as intended without the use of biofilters.

Before installing biofilters make sure the Naava is at the final installation location and Naava is filled with water.

Start installing the biofilters from the top down. This reduces the possibility that the plants at lower parts of Naava are not filled with the possible dropping growth medium components.

### Biofilter pot



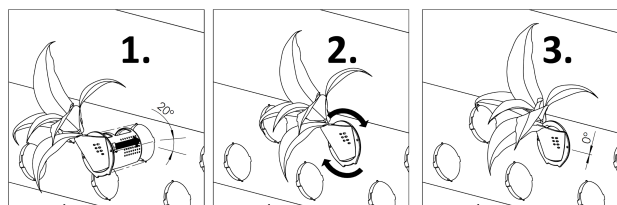
- K. Plant
- L. Seal
- M. Biofilter Pot

When installing, carefully check that there is nothing in between the seal and the pot or in between the pot and the frame. The pots can leak water and air if there is anything in between these parts and the Naava effect might not be maximized.

The seal should not be twisted.



## Installing the biofilters



1. Insert the biofilter in angle to the biofilter hole.
2. Turn the biofilter clockwise to an upright position.
3. The biofilter is correctly installed when upright.

Use both hands when twisting the biofilter pots.

Dracaenas are used on the bottom part of the Naava and philodendrons are used on the top.

Note! Be careful when handling the biofilters, the Naava Smart Growth Medium can easily fall from the pot. If the pot is not full of Smart Growth Medium, fill the pot now.

All biofilter pots must be tightened to place.

Ensure Naava Pots are properly sealed. If not properly sealed they may leak water, which can cause water damage to floors or surrounding areas.

Don't hesitate to ask if you have any concerns about the installation.

## Using the appliance

### Putting into operation

NOTE! Naava needs to be properly installed and filled with water, each opening in the front panel must have a biofilter before the Naava is put into operation.

### Switch on and off

Plug the mains cable to Naava Power Supply.

Plug the DC power plug to plug into Naava power input.

Plug the mains cable into the wall outlet.

After plugging in the mains, the N-shaped power on/off indicator light will turn on in Naava and the fans will start to move the air. You will know if the fans are working, by placing your hand in front of the Naava air outlet, or listening to the fans whispering.

## Understanding the N shaped indicator light

N light	Explanation
Green	The device is starting up.
Green breathing	Normal operation.
Blue breathing	Normal, safe mode operation. Usually, the water level is too low, and more water needs to be added.  Can also mean that the environment is too cold or fans are not working as expected. See app for further details.
White breathing	Holiday/water-saving mode has been set.
Red breathing	Error. The water tank totally empty or problem with the hardware. Please see the app for details.
White-blue breathing	OTA update in progress. Do not unplug the device.
Green-blue breathing	Service not done. Note! This only on self-service Naava.

## Setting up other Naava functions

As the Naava is cloud operated, AI-controlled device, please contact your Naava Contact person. Please see the contact details.

# Maintenance and cleaning

## Activities required before starting maintenance



Do not touch the mains plug with wet or damp hands. Always unplug the appliance before cleaning the device.

## Activities intervals

### Daily

Enjoy your Naava

### Every 7-14 days

Fill the water tank.  
Check the bottom and backside of Naava.  
Observe the plant condition.

### Monthly

Clean the frame.  
Clean the LED lamp.  
Prune the plants.  
Clean the plants.  
Add nutrients.

### Twice a year

Clean the water tank.

## Filling the tank

Fill the tank with fresh, room-temperature drinking water. The time of the year, air temperature, and air quality affect the water consumption of your Naava, therefore monitor the water consumption and add water as needed. There should always be at least 15cm/6" of water in the tank. Stop the filling up when the water reaches a level of about 5cm/2" from the top of the water tank. Make sure no water ends up on the floor.



Do not overfill the water tank!

## Checking the bottom and backside of Naava

Regularly check Naava bottom and backside for possible hidden surprises such as water been condensed or

splashed on the floor or backside. If you find any, please remove them.

## Observing the plant condition

Your Naava contains live plants. All live plants might get pests from various sources. Inspect your Naava for possible pests and remove them if found. If some of your biofilter plants reach the end of their life, you can buy spare biofilter plants from Naava.

## Cleaning the frame

Clean the device with a soft, damp, and lint-free cloth. Ensure that no moisture enters the frame. Do not use abrasive cleaners or cleaning methods.

## Cleaning the LED lamp

Clean the lamp with a soft, damp, and lint-free cloth. Ensure that no moisture enters the housing. Do not use abrasive cleaners or cleaning methods.

## Cleaning the water tank

Empty the water tank. Remove all extra material from the water tank (such as plant parts, growth media, etc). Clean the tank inside with a soft, damp, lint-free cloth. Do not use cleaners or abrasive cleaning methods. Fill in the tank after cleaning. (instructions above: Filling the tank).



Tipping hazard! Naava is not intended to be installed water tank empty

The cleaning of the water tank needs to be done by a minimum of two persons. The other supporting and observing the Naava stay upright.

## Pruning the plants

Prune the plants frequently to make sure each plant has space and the strongest plants will not take space from weaker plants. This way it will be ensured that all the biofilters will work properly. Make sure you are using the right pruning method for each plant species.

## Cleaning the plants

Clean the plants with a soft, damp, and lint-free cloth or paper by gently wiping the surface of the leaves. Keep your other hand underneath the leaf and wipe against it, but don't use much force to prevent damages to the plant. If there is only a minor amount of loose dust, it can be



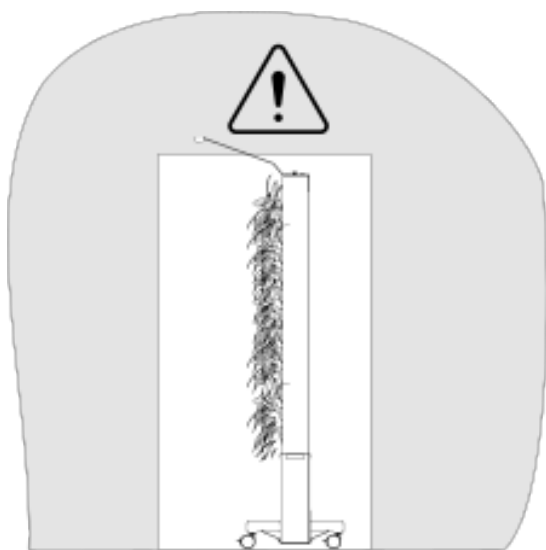
removed with a duster. Remove trash, dirt, soil, and dead plant parts from the plants.

## Adding nutrients

Use the nutrients and their dosing according to Naava's recommendations. Use only Naava Growth Formula fertilizer.

## Moving Naava Swan from doorways

The safest option is always to remove the lamp before moving Naava Swan through doorways.



## Servicing Your Naava

Naava installation and plant maintenance can be done by following appropriate instructions. Naava components are to be serviced by authorized service personnel when possible. If not available, use caution and follow instruction manual. Reach out to local Naava service support with any questions. Maintenance or servicing the Naava, other than described in this user manual, or installation manuals, should only be done by Naava or recommended Naava Service personnel. Any modification to your Naava is dangerous and voids your warranty.

## Disposal

In the European Union, electronic equipment must not be treated as domestic waste but must be disposed of professionally in accordance with Directive 2002/96/EC of the European Parliament and of the Council of 27 January 2003 on waste electrical and electronic equipment (WEEE). At the end of its life, please dispose of this device according to the valid legal requirements.

## Recycling

Naava is made of many materials that may be recycled. Follow local regulations when disposing of the Naava. It can be recycled for free in the United States and Canada by dropping the Naava off at a number of nationwide locations.

## Additional Information

### Naava One, Naava One Slim, and Naava

#### Flow power consumption

Power: 31W, peak 90W

Power consumption: 15 kWh/month

Voltage range: 100-240 VAC. Frequency range: 50-60 Hz.

#### Naava Duo and Flow Duo power consumption

Power: 53 W, peak 90W

Voltage range: 100-240 VAC. Frequency range: 50-60 Hz.

### Naava One, Naava One Slim, and Naava Flow, Naava Duo environmental requirements for use (Frame only without plants)

Room temperature range : 5 °C/41°F to 40°C/104°F

Humidity range : 20% to 80%

### Wireless operating frequency range and max. Radiated power

	Band	Frequency range [MHz]	Max. radiated power EIRP [dBm]
<b>Wi-Fi</b>	2.4 GHz 802.11 b/g/n	2400- 2483.5	20.0
<b>Bluetooth</b>	v4.2 BR/EDR and BLE	2400- 2483.5	10.2
<b>GSM, EDGE</b>	900	880-915	27.3
<b>DCS, EDGE</b>	1800	1710-1785	30.0
<b>LTE Cat M1 / Cat NB2</b>	B1	1920-1980	25.0
	B3	1710-1785	25.0
	B5	824- 849	21.3
	B8	880-915	21.3
	B20	832-862	21.3
	B28	703-748	21.3

### Installation Dimensions

A minimum of 100 mm or 4 inches of free space is required on top of Naava.

At the back of the Naava space is required for wall fixing.

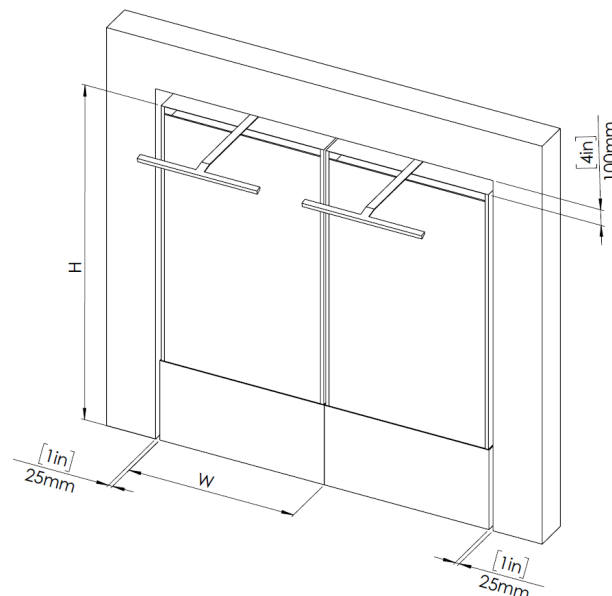
Naava needs a standard power outlet.

### Minimum installation space around

#### Naava

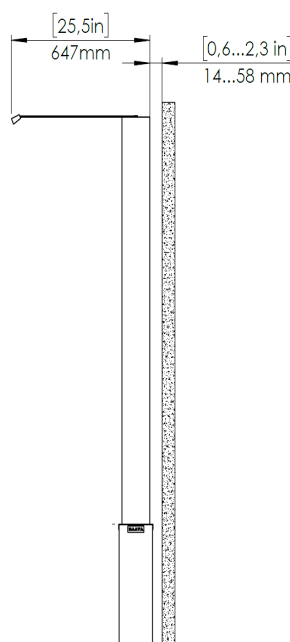
When Naava is installed recessed or close to walls or ceiling, minimum installation dimensions need to be respected.

If one or more Naavas are installed next to, a minimum of 25 mm or 1 in space is needed at both ends.



### Distance from wall

Naava One devices are intended to be installed next to a wall, with a maximum of 58mm / 2.3" distance from the wall or other supporting structure.



## Troubleshooting

Problem	Solution
Fans are not spinning	Check if there is enough water in the water tank. The tank should be filled up to 50 mm / 2 from the top of the tank. If not enough water, add water and wait for 5 to 10 minutes. Make sure that the room temperature is between 61°F/16°C to 91°F/33°C
Light is not on	Please check the mains connection. Unplug the mains and wait for 5 minutes and replug the mains. Wait for 10 minutes. If the problem is not solved, please contact Naava.
“Technical problems message” in Naava app	Please check the mains connection. Unplug the mains and wait for 5 minutes and replug the mains. Wait for 10 minutes. If the problem is not solved, please contact Naava.
The sudden death of multiple plants	Make sure the mains are plugged in. Make sure that the room temperature is between 61°F/16°C to 91°F/33°C and the water tank is filled up. Contact Naava.
Naava is making unexpected unacceptable random actions.	Unplug the mains and wait for 5 minutes and replug the mains. Wait for 10 minutes. If the problem is not solved, please contact Naava.

## Contact details

### Naava Service

service@naava.io  
service.us@naava.io  
service.ca@naava.io

### EU

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### Naava App

<http://naava.app>

## Declaration of conformity

### SIMPLIFIED EU DECLARATION OF CONFORMITY

Hereby, NAAVA GROUP OY declares that the radio equipment type Naava N Series is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

<https://naava.io/declarationofconformity>