

NAAVA

breathe





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.

THE AIR YOU BREATHE AFFECTS YOUR HEALTH AND PRODUCTIVITY

- We spend on average 90% of our time indoors
- We breathe more than 10 000 liters of indoor air daily
- Stuffy and tiring indoor air reduces work productivity by 6 to 9%*
- Up to 15% of sick leave days are related to indoor air quality**

INDOOR AIR IS RARELY OPTIMAL FOR HEALTH

- Emissions, air pollutants and street dust flow into indoor spaces through mechanical ventilation
- Chemicals evaporate into indoor air from construction and surface materials, furniture and technical appliances
- The human body is not made for synthetic indoor air. We need enough exposure to nature and natural microbes in order to stay healthy.

* Bakó-Biró et al., 2004; Fanger, 2006; Kosonen & Tan, 2004; Wyon, 2005

** Seppänen et al., 1998



What makes Naava a unique innovation?

	Naava	Air purifiers	Green walls	Humidifiers
Biophilia	✓	×	✓	×
Acoustic benefits	✓	×	✓	×
Doesn't cause noise (under 21dB)	✓	×	✓	✓
Harmful chemical removal	✓	?	×	×
Particle removal	✓	✓	×	×
Air naturalization	✓	×	×	×
Air humidity management	✓	×	×	✓
IOT & AI Optimized functions	✓	×	×	×
Data integration to intelligent buildings & apps	✓	×	×	×
On-site maintenance	✓	?	?	×
Ease of use, mobility	✓	✓	?	✓

What are the Naava effects?



NATURALIZES INDOOR AIR



REDUCES HARMFUL CHEMICALS



OPTIMIZES HUMIDITY



ILLNESS IS REDUCED



FATIGUE IS HALTED



COGNITIVE PERFORMANCE IS IMPROVED

In fresh indoor air, you can focus on your work better and have enough energy to enjoy your free time as well.

Beauty of plants, power of biofilters

SELECTED PLANT SPECIES

The plant species we use are beautiful, resilient and allergy-friendly, carefully selected and tested to ensure high quality and visual impact.

REFINEMENT OF PLANTS

Traditional soil is washed off the plants, which are then replanted into a soilless, porous growth medium and special Naava pots which together enable enhanced air circulation.

UNIQUE, SOILLESS GROWTH MEDIUM

Our very own invention, the soilless growth medium activates the microbes of the plants' root system, enabling the air purification efficiency of Naava. The Naava growth medium does not grow mold or cause allergic reactions.

These three innovations combined create a Naava biofilter that naturally purifies air.



DRAGONTREE -
DRACAENA DEREMENSIS
'WHITE JEWEL'



TÁTDRACENA -
DRACAENA DEREMENSIS
'COMPACTA' / 'GREEN JEWEL'



DRAGONTREE -
DRACAENA DEREMENSIS
'LEMON SURPRISE'



HEARTLEAF PHILODENDRON -
PHILODENDRON SCANDENS



HEARTLEAF PHILODENDRON 'BRAZIL' -
PHILODENDRON SCANDENS 'BRAZIL'



CAST-IRON-PLANT -
ASPIDISTRA ELATIOR



BIRD'S NEST FERN -
ASPLENIUM ANTIQUUM



DWARF UMBRELLA TREE -
SCHEFFLERA ARBORICOLA NORA



DWARF UMBRELLA TREE -
SCHEFFLERA ARBORICOLA
'CHARLOTTE'



FLAMINGO FLOWER
PAINTER'S PALET -
ANTHURIUM 'BAMBINO RED'
/ 'ARISTO'



FLAMINGO FLOWER
PAINTER'S PALET -
ANTHURIUM 'VANILLA'

This is how the Naava Green Wall works

1

Indoor air is absorbed through the plants' roots and the soilless growth medium.

2

The microbes of the roots purify the air of harmful chemicals.



3

The fans return the pure and naturalized air back into the room.

4

The sensors of the smart green wall measure the variables of Naava and its surroundings.



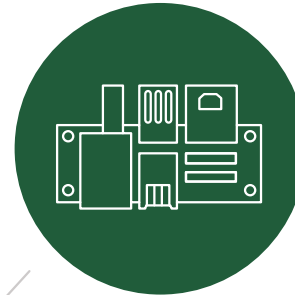
5

Naava's artificial intelligence analyzes and directs functions automatically.



6

The remote system transmits information (e.g. from weather satellites) to the smart green wall



7

The functions are tracked in real time. In case of malfunction, the system will automatically repair itself or send over maintenance personnel.



NAAVA

one

Free-standing model, can also be used as a room divider.

Purification efficiency is enough for spaces of up to 60m².

Color options: white or graphite black painted aluminium.

Standard sizes: W 100 cm, H 210 cm & D 35 cm

Special order sizes:

W 80 cm, H 230 cm & 300 cm*

*must be secured to wall.



NAAVA

duo

Double-sided design; plants on both sides.

A natural, eye-catching room divider.

Enables the effect of fresh air into two directions.

Purification efficiency is enough for spaces of up to 100m².

Color options: white or graphite black painted aluminium.

Standard sizes: W 100 cm, H 210 cm & D 50 cm

Special order sizes:
W 80 cm, H 230 cm.



NAAVA

one slim

A slimmer version of Naava One, depth only 21 cm.

Wall-secured.

Streamlined design blends in with the space
and can be seamlessly integrated.

Purification efficiency is enough for spaces of up to 60m².

Color options: white or graphite black painted aluminium.

Naava One Slim is only available through order, so please take note
of the possibility of longer delivery times.

Sizes available through order:
W 100 & 80 cm, H 210 & 230 cm, D 21 cm.



Naava is a sign of wellbeing in a work community



NAAVA HAS BEEN PROVEN TO REDUCE AND ELIMINATE NEGATIVE SYMPTOMS BY PURIFYING AND HUMIDIFYING INDOOR AIR:*

- Redness and irritation of eyes
- Shortness of breath
- Cold, itchy nose and sneezing
- Headache
- Sore and irritated throat
- Lack of focus
- Dry skin and rash
- Fatigue

THE IMPROVED QUALITY OF AIR HAS FINANCIAL EFFECTS

- Reduced sick leave days
- Increased productivity and efficiency
- Improved acoustics and reduced noises; enhanced peace at work

* Naava technology significantly reduces health symptoms at a work environment (Statisti case study 2015)

Naava Green Wall is a fully automated experience



SMART TECHNOLOGY

optimizes Naava's performance 24/7:

- Sensors measure the surroundings
- Connection to the cloud and weather satellites prepare for environment changes
- Real time information of the green wall's functions
- Automated irrigation and air circulation adjustments

NAAVA SERVICE

ensures that Naava always looks fresh and beautiful:

- Plants are nourished
- Plants are replaced if needed
- Withering leaves are taken off and the growth of the plants is controlled
- Systemized reporting of your Naava's performance
- In our Premium Service, even the monthly filling of water tanks is included in the price



GUARANTEE

- No additional costs. If a lamp burns out, we replace it. New plants, nutrients, growth medium and pot replacements are all included in the price.







NAAVA DUO · NAAVA



NAAVA ONE · VALLILA CONTRACT



Urban Planters is the UK service partner for Naava products and we aim to supply, install and service Naava units across the UK.

If you would like to talk to us about the Naava range and our options to supply and service, then please get in touch and we will help you to decide, which unit(s) would work best for your indoor space.

Ring us today and begin your journey into improving your indoor working environment and breathing cleaner indoor air.

FOR FURTHER INFORMATION

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NAAVA DUO · ESRI

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