

JORA Green Wall TM System

Because Green Matters

The green wall with a natural growing medium.



A tall, modern building with a large green wall system. The building has a glass facade and a large section of the facade is covered in a dense, vertical garden of green plants. The building is situated in an urban environment with other buildings and trees visible in the background. The sky is blue with some light clouds.

The JORA Green Wall System is an innovative, in-house developed system that sets a new standard for green walls.



Index

1	JORA Green Wall System	
	innovative solution	7
2	The system	
	installation	8
	system features	10
	irrigatie technologie	12
	voedingsbodem	14
3	The module	
	Technical drawings	16
	specifications	17
4	Applications	
	outdoor	18
	indoor	20
6	Green guarantee	
	maintenance	22
5	Contact	
	contact details	25



JORA Green Wall™ System

The system for indoor and outdoor.

The JORA Green Wall System® is an innovative, in-house developed solution that sets a new standard for green walls. With smart irrigation technology and a natural growing medium, plant health is assured. This system enables the creation of reliable green façades that contribute to a sustainable environment. Functional benefits such as air purification, thermal insulation, and the promotion of biodiversity make it ideal for any indoor or outdoor project.

Key Benefits:

- Air purification for a cleaner indoor and outdoor environment
- Thermal insulation for energy savings
- Promoting biodiversity in urban and natural environments
- Aesthetic added value for every façade

Whether it concerns an office building, school, residential complex, or public space, the JORA Green Wall System® offers a sustainable and visually striking solution for every situation.

The system

Easy to install. Smart to maintain. Always green.

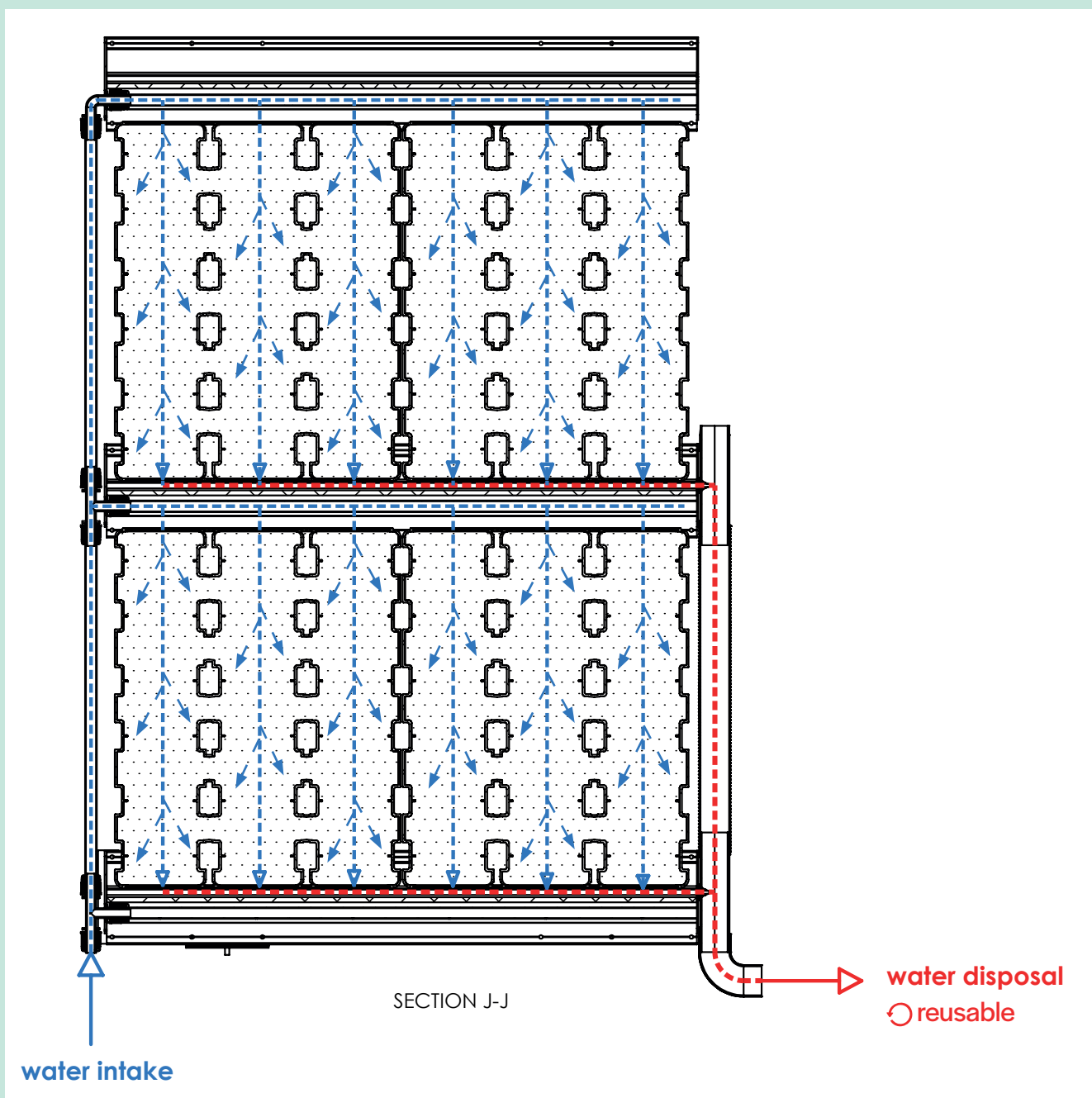
The JORA Green Wall System is an innovative and efficient solution for creating vibrant and sustainable green façades. The walls are fully planted and prepared in modular segments off-site, allowing for quick and easy installation on location.



Simple and clean installation with the JORA Green Wall System®.

Thanks to the smart click system, installation is fast, clean, and hassle-free. The system is designed for smooth placement with minimal impact on both the environment and the plants.

- Installation of hardware and irrigation can take place during the construction phase
- Plants remain undisturbed and immediately take root in their new location.
- Pre-planted modules are easily clicked into place
- Fast results: an instantly green, vibrant façade without any waiting time



Why JORA:

- ✓ optimal capillary action, ensuring even water distribution
- ✓ suitable for both indoor and outdoor applications
- ✓ In combination with moisture-retaining substrate, plants always receive a constant water supply

Optimal irrigation system

Easy to install. Smart to maintain. Always green.

Smart irrigation system, promoting healthy plants

The system uses advanced irrigation technology to provide consistent care and optimal plant health. Thanks to capillary action, water is evenly distributed across the entire wall. Each plant receives exactly the right amount of moisture, promoting growth and vitality.



The irrigation system of the JORA Green Wall System stands out for its reliability and efficiency. Thanks to the use of a stabilized substrate with high moisture retention capacity, the system continues to function effectively even during malfunctions or extreme heat. Unlike other systems that often have limited water buffering and are therefore vulnerable, the JORA system ensures that plants always have access to sufficient water. This makes the irrigation system not only robust but also exceptionally suited for a variety of urban conditions.

The growing medium

- Modular design adapts flexibly to any façade and ensures a stable growing medium in every configuration
- Water-efficient system thanks to effective water absorption and storage in the growing medium



Even water distribution through capillary action of the substrate, ensuring consistent plant health

Delivered fully pre-planted, providing an immediately mature, green appearance with well-anchored roots

The natural growing medium provides a sustainable and living substrate for long-lasting plant development



The substrate

- Unique organic substrate promotes stable growth and optimal plant development.
- Aerated structure with high oxygen content and excellent moisture retention.
- Capillary action distributes water evenly throughout the entire module.
- Supports the plant from germination to maturity.



The module

- The front panel holds the substrate in place around the plant, providing maximum root support.
- The substrate is interconnected throughout the entire module, creating a shared moisture network between the plants.
- This integrated structure promotes a stable microclimate for all plants within the module.



Smart sensors

- Sensors monitor moisture and temperature in the growing medium for targeted irrigation.
- Weather feedback adjusts to changing conditions, maintaining the correct soil moisture balance.
- Automatic alerts and easy adjustments ensure a consistent, healthy substrate condition.

Module features

The JORA Green Wall System is designed for quick and easy installation. The green walls are fully pre-planted and prepared in modular segments. This ensures that each section can be properly irrigated, preventing plants at the root level from receiving excessive moisture.



The panel:

- Solid and sturdy design
- Simplified installation
- Fast and clean installation
- Smart design with few components and quickly replaceable parts



Efficient and sustainable design:

- Recycled PC/ABS
- UV resistant
- Customizable in multiple shapes
- Produced in the Netherlands



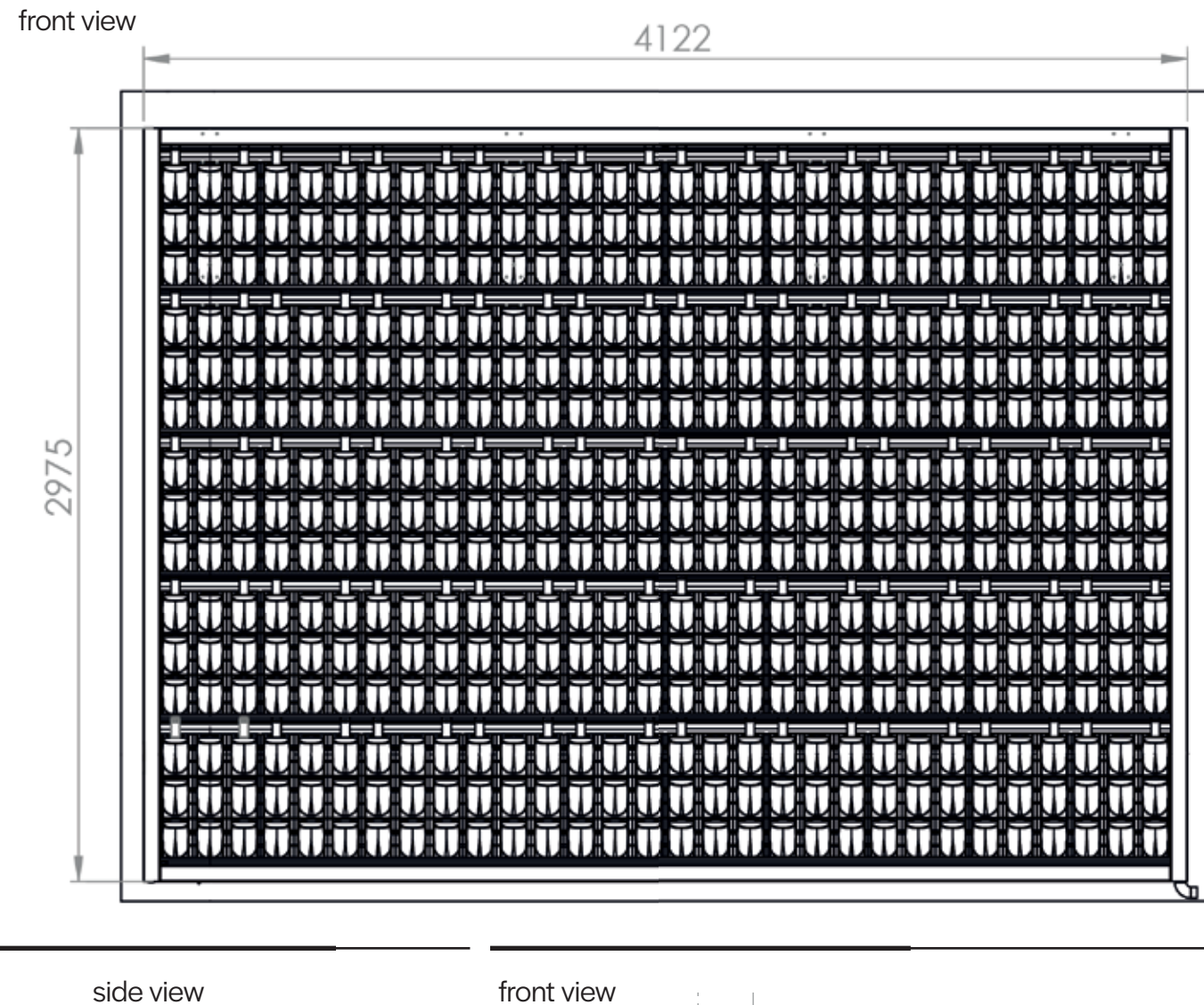
The front panel:

- Pre-planted for quick and clean installation
- Optimal support for the plant
- Easy to install
- Green from the moment of installation



Natural growing medium, a stabilized substrate:

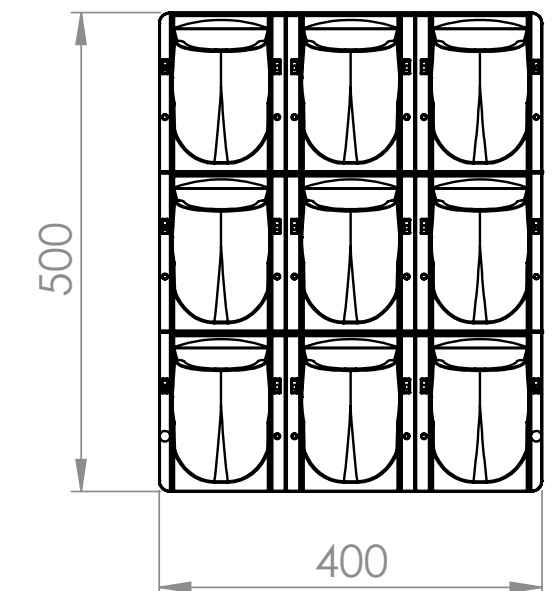
- Ensures optimal growth
- Strong and healthy root system
- Plants can develop optimally thanks to strong root growth
- Large water retention and excellent capillary action



The specifications



MODULE



Module specifications

Material: Recycled PC/ABS V0 (flame retardant)
 Dimensions: H 500 mm x W 400 mm x D 233 mm
 Color: Black
 Country of origin: The Netherlands

General specifications

Frame color: Standard black; other RAL colors available on request
 Weight: Approx. 50 kg per m²
 CO₂ absorption: 0.37 – 0.5 kg per m² per year
 Water retention per m²: Approx. 30 liters per m²
 Reusability: 100% circular and fully reusable
 Temperature reduction around building: Approx. 2 – 3 degrees Celsius



Indoor applications

Living greenery for a happier and healthier indoor climate.

Green connects people and nature, bringing calm and comfort to every space. It reduces stress and increases productivity. JORA brings nature indoors with aesthetic and functional solutions for a pleasant working environment.



✓ biophilic design connects people and nature, resulting in greater happiness, focus, and productivity

✓ green provides air purification, noise reduction, and a stylish, natural appearance

✓ naturally designed spaces enhance your company's image and create inspiring work environments

Outdoor applications

Living greenery for healthy buildings

Green is not a luxury, but a necessity for future-proof buildings. With green façades, rooftop gardens, and corporate gardens, we not only enhance the appearance of your property but also improve indoor climate, air quality, and energy efficiency. Our solutions combine nature and infrastructure into a valuable, sustainable unity.



✓ outdoor spaces also have a significant impact on our life satisfaction

✓ sustainable solutions contribute to an eco-friendly environment and enhance well-being

✓ better insulation lowers energy costs and creates a more comfortable indoor climate



Green Guarantee

Through technology and personalized care

Always green

JORA offers a unique Green Guarantee on installed green walls in combination with a maintenance contract.

- ✓ always assured of a green and beautiful wall
- ✓ never face unexpected surprises
- ✓ complete peace of mind



Smart sensors

Maintenance goes beyond just four annual visits. Our green wall maintenance team logs into your system twice a week. During these checks, we monitor the installation and analyze the collected data. Based on our findings, we adjust irrigation and nutrient dosing as needed. All actions are carefully recorded in the logbook, ensuring that the history is always accessible.

With our maintenance contract, you are assured



Maintenance

We perform extensive maintenance four times a year. During maintenance, plants are pruned, their vitality is checked, and inspections are made to detect any unwanted insects that may affect the plants. We also measure the mineral levels in the growing medium and apply fertilization if necessary.

Maintenance contract

of a healthy and green wall. If unforeseen issues arise, we promptly take the necessary actions to keep the plants strong and healthy, ensuring your green wall always looks its best.

This way, you can enjoy a vibrant, green space worry-free and fully benefit from both the aesthetic and valuable aspects of the green wall.





The most reliable and sustainable system for green walls

Sustainable building, personally managed.

How can we help you green your project?

Whether it's a consultation, a design inquiry, or a project request, we're ready to assist you.

Get in touch with us and discover what JORA Green Building can do for you.

JORA Green Building Solutions

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See more at www.joragreen.nl or follow us on  JORA Green Building Solutions.



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