Unique and Exclusive Product intended for the formation of Vertical Gardens in a lighter line, ideal for smaller projects.

Our innovative technology allows for a lower consumption of water, while maintaining the Health and Integrity of the plants without changing the quality standard of the Vertigarden line.

Our exclusive technology of Vertical modular and Hydroponic gardens has been inspired by the European technologies of Urban Horticulture and has been incorporated since 2008.
Modular Hydroponic Panel

The panels are composed of a polypropylene honeycomb board with Anti-UV treatment, coated with synthetic blankets, and water retainers that create an ideal environment for vigorous growth.
Wall Attachment

The Panels are attached to the wall by the installation of a toothed aluminum profile that creates the perfect connection of interlock between the wall and panel. This creates a ventilated space that negates the need for impermeable membranes.
Automated System

The irrigation system is composed of an easy-to-use, Bluetooth ready, controller. It determines the daily watering and feeding schedule for the plants. It also provides for maximum water conservation.
Our Vertical Gardens are installed in a fast, practical, and clean way.
Installation

The Aluminum Profiles are installed directly to the wall with specific bushings and screws.

The Modules have fastening bars that fit perfectly into the profiles, without the need for additional bolts or fasteners.
The irrigation system has a console connected directly to the available water source.

A fertilizer injector can be attached to the system for better assurance and health of the plants.
The plants are “enveloped” in a special hydroponic felt for planting, avoiding the use of soil or substrates. The main role of the felt is the pre-rooting and protection of the rhizomes. This helps the plants avoid stress, reducing the loss index, and contributes to the creation of a favorable environment for development.
This technology allows us to create styles of Vertical Gardens with different volumes and vegetal graphics. It also allows for greater flexibility in organic and 3D compositions.
Installation

VERTIGARDEN transforms the environment in a SNAP!
Methodology

I. Technical visit to the location of the proposed wall.
II. Survey site, measure wall area, and determine water source.
III. Study the Luminosity, climatic conditions, and architectural constraints.
IV. Choose appropriate vegetal species (and/or lighting) base on conditions found in Step 3.
V. Presentation of Plants and the Graphic Design of the project.
VI. Install and start up the system.
<table>
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<th>Advantages of Vertigarden</th>
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<td>Increases Air Quality</td>
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<td>Aids in Health and Well-Being</td>
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<td>Features Low Water Consumption</td>
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<td>Maximizes Property Value</td>
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<td>Improves Building Protection</td>
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<td>Improves Acoustic and Thermal Properties</td>
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<td>Increases Urban Biodiversity</td>
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Vertigarden
**Sistema Vertigarden**

**Métodos de fixação**
- Disponíveis nas opções:
  - Pontes metálicas e prolongadores
  - Estruturas metálicas intervisuais

**Sistema de demaism**
- Disponível nas opções:
  - Demaisem em solo natural
  - Difusão solene
  - Falta coletiva
  - Falta local
  - Núcleo local

**Igurança vertical**
Segundo sistema de igurança para painéis e funcionais de integração e manutenção.

**Módulos de painéis verdes com camadas retenentes de água**
- Dimensões faciais de acordo com o seu projeto.
- Trabalhamos com formas geométricas de ser de vinte e formas octogonais ou regularidade.
- Nosso produto dá a possibilidade de controlar o cure para acionamentos.
- Nosso produto dá a possibilidade de fazer corte a corte para acionamentos.
- Nosso produto dá a possibilidade de fazer corte a corte para acionamentos.

**Casa da máquina**
Com dimensões bastante reduzidas, permite obter deles de um módulo dedicado ao local.

- Exclusão do monitoramento das regas com cores de emergência.
- irrigação e desinfecção automática.
- Baixa consunção de água.
- Possibilidade de reuso de água.

**Catálogo de plantas**
O catálogo vertigarden com diferentes espécies de plantas para composição de diferentes espécies visuais.

**Fases de execução do jardim vertical**
O urbano mais verde
do que nunca

www.vertigarden.com.br
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