

Aetrium™ -4

Large Scale Aeroponic Growth



Unlimited Varieties

Aeroponic Commercial Grow



Aeroponic Growth

Healthy, Nutritious, Produce

Juicier fruits. More flavorful vegetables. Higher yields. **Aetrium-4** brings all the benefits of aeroponic growth for your fruits and vegetables. Amplify nutrition and improve the taste in everything you grow.



Faster
Growth



Greater
Nutrition



Your Produce, Your Way

Keep It Pure

You've worked hard to keep your product pest-free and pesticide-free. **Aetrium-4** is designed for precision indoor growing standards that exceed organic specifications. Guarantee your customers the healthiest produce, served fresh.



No
Pesticides



Healthier
Produce



All Automated

You Are In Control

The **Guardian™ Grow Manager** software provides you remote access and control over all growth parameters. Manage the lighting, nutrient dosing, and much more all at your fingertips.



Lighting

NPK

Nutrients



Irrigation





High Yields

Designed for commercial growers, **Ætrium-4** brings controlled environmental irrigation for high-value crops. Combined with the best growing medium in aeroponics, growers can expect a harvest that far exceeds traditional grow methods.



Unlimited Varieties

The **Ætrium-4** is a unique system that allows you to grow an unprecedented variety of produce in **volume**. By using cutting-edge environmental monitoring and aeroponic growth, **Ætrium-4** extends the boundaries of what was thought possible for indoor agriculture.



Clean & Safe

Ætrium-4 is designed to work well in cleanrooms, preventing the introduction of pests and growing a clean, safe, harvest.



Resource Efficient

Smart irrigation, and automated nutrient dosing all add up in cost savings for your commercial operation.



Grow Locally

Ætrium-4 conveniently fits in urban grow environments, whether it's a plant factory or a mobile shipping container.

The Growing Process

Designed to bring customers an eating experience that is clean, local, and fresh.



Start

Start from organic seeds or sprouts and transfer it from **Ætrium Smart-Farm** to the **Ætrium-4**. The system handles the rest.

Grow

Grown using cutting edge aeroponics technology, plants become more robust and are packed with nutrients.

Table

The result is an offering that is bursting with nutrition and flavor.

Outside Dimensions - 1 Growth Tub

D: 43.5" (1105 mm) x **H:** 33.7" (856mm) x **W:** 57" (1448 mm)

Growth Trays

42" (1080mm) x 54.5" (1386mm) interchangeable corrosion-resistant aluminum alloy tray with 5 rows of 4 holes for 3.75" net pots.

Ætrium Dosing Base

Located under the Ætrium Growth Tub, the dosing base can dose up to 10 tubs in a row.

Automated Nutrients

Monitoring: Readouts come through the Guardian Grow Manager. Parameters include pH, TDS, Water Temperature, and more.

Dosing: 5 different nutrients plus pH up and down.

Nutrient Capacity: The dosing module hold 7 bottles (4x 20-liter and 3x 4-liter bottles) that are automatically dosed according to sensor readings from the Guardian Grow Manager.

Reservoir Capacity: 190 Liters (50 gallons)

Power Requirements: 1000 watts

Air Monitoring

The air sensors are provided in a separate package and can be positioned strategically in the growth environment. All readings are fed to the Guardian Grow Manager.

Options

Trellis Supports: 23.2' 3' Straight anodized aluminum bars provide solid mountain points for user-supplied trellising material.

Light Gantries: 8' or 10' high light gantries allow users to hang a light above the grow tray. Lights stay centered even when an Ætrium-4s are being moved.

Connections: Growth tubs solidly connect together to form a row that can be dosed by one Ætrium Dosing Base for up to 10 tubs.

Only From



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