

Aetrium-2TM

Cannabis Cloning & Veg System



Roots growing from cuttings in Aetrium-2

Clone & Veg

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1. Clone

Clone up to three layers of 77-98 clones for up to 231-394 clones in the **Ætrium-2**



2. Veg

Veg up to 11 inches in 3 trays of 40 plants each



3. Transfer

Transfer to **Ætrium-4** to bloom for high yields



Benefits

Ætrium-2 is a high performance indoor cloning system designed for the cultivation of plants in a vertical three-layer structure. The system features automated aeroponic cultivation and advanced LED lighting technology, bringing significant savings in space, water, nutrition, labor, and energy.



Reduction of Steps
for Cloning



Reduced Plant
Stress



Reduced Turn
Around Time

Three Vertical Growth Trays

Taking advantage of vertical growth space, **Ætrium-2** can clone up to 394 clones or 120 vegging plants using net pots.



Switch From Cloning to Vegging Easily

The trays come in multiple configurations from 98 or 77 cloning holes to 40, 24, 15 of the 3.75" netpots for vegging. One **Ætrium-2** can run different style trays.



Aeroponic Growth

Having the damp roots in air maximizes oxygen uptake to balance the carbon dioxide uptake from the leaves to produce greater plant growth. Automated dosing is available.



The Ætrium System

The **Ætrium System** utilizes the **Ætrium-2** cloning & veg system with the **Ætrium-4** growth system for a continuous and effective cannabis growth cycle

Ætrium-2

Cloning Configured



To Veg



Ætrium-2

Vegging Configured



To Bloom



Ætrium-4

For Blooming



Specifications

Dimensions (W x D x H)

47.25"x 30"x 94.5" (1200mm x 760mm x 2400mm)

Growing Area

3 layers – 19.5" (496mm) between each layer
11.5" (292mm) plant space
8" (204mm) tub depth

Growing Tray - Trays configurable for Cloning & Vegging (interchangeable)

For Cloning: 98 or 77 holes for foam cloning plugs

For Vegging: 40, 24, or 15 holes for 3.75" netpots.

Spray System

24 emitters spraying upward from bottom of tub

Pump

11.9 gallon/hour (0.75L/min) @ 25psi
Filter: Easy to replace and clean
Power: US: 110V/60Hz, <200W

Lights

6 LED full spectrum "white", 2 per layer
Power consumption: <400W
PPFD greater than 200 $\mu\text{mol}/\text{m}^2/\text{s}$, PPFD variation (center vs. edge) less than 10% without reflector
Separate control for each layer of lighting via **Ætrium Guardian™** app

Total Power Consumption

< 600w

Control

via **Ætrium Guardian™** app



Making Clones

Contact

1281 Reamwood Avenue
Sunnyvale, CA 94089
+1 (650) 564-3058
info@AEssenceCorp.com

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