

## PRODUCT SPECIFICATIONS

# 20-Foot Cannabis Room

## Scalable Grow Facility



20' x 9'10"

For growers with limited space, our modular or high cube grow room is the ultimate turnkey growing facility for cannabis growers to streamline the start-up process.



Engineered growing environment with optimal lighting and temperature



Fixed grow space with less of the cost



ROI that can be realized in months rather than years



Crops that are free from contamination



Increased potency and quality of the end products

This grow facility provides the ability to build a uniquely scalable operation that fits any grower's specifications and keeps the grow footprint to a minimum, while still maintaining high yields.

## BASE UNIT INCLUDES:

| ITEM          | DESCRIPTION  |
|---------------|--|
| Shell         | <b>1-trip 20' wind &amp; watertight high-cube container or modular box with R-21 insulation values</b>                               |
| Plumbing      | <b>Stainless steel sink with on-demand hot water and hose bib</b>  |
| Door Entry    | <b>36" weather-tight outswing steel man door with commercial closer and panic bar</b>  |
| Automation    | <b>Trolmaster Hydro X Pro controller with modules to control temp, humidity up/ down, CO2, and lights</b>                            |
| Flooring      | <b>100% waterproof slip-free epoxy floor coating</b>   |
| Light Mounts  | <b>Super strut ceiling-mount light hanging channel</b>   |
| Utility Power | <b>150 amp, 240V service</b>   |
| Panel         | <b>150 amp circuit panel</b>   |
| Circuits      | <b>All circuit breakers UL rated</b>   |
| Outlets       | <b>Ceiling &amp; wall-mount receptacles GFCI protected and built to spec</b>   |
| Conduit       | <b>EMT conduit infrastructure</b>  |
| HVAC          | <b>3 ton Gree mini split with ductless air handlers</b>  |
| Dehumidifier  | <b>130 pint per day dehumidifier by Anden</b>  |
| Fans          | <b>Four (4) 12" J&amp;B Manufacturing HAF ceiling mount fans &amp; two (2) floor blowers with an all-in-one fan speed controller</b> |
| CO2           | <b>Single solenoid valve direct injection system with perforated dosing line, tank rack, and regulator</b>                           |
| Safety        | <b>Fire extinguisher &amp; smoke detector CO2 alarm</b>  |

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## SINGLE TIER FLOWER MODEL:

| ITEM                    | DESCRIPTION             |
|-------------------------|-------------------------|
| Max Plant Height        | 5 ft 64 sq ft per table |
| Canopy Size 1 Gal Plant | 84 plants per room      |
| Container 3 Gal Plant   | 42 plants per room      |
| Container 5 Gal Plant   | 32 plants per room      |
| Container               |                         |

## DOUBLE TIER VEG/CLONE MODEL:

| ITEM                    | DESCRIPTION                 |
|-------------------------|-----------------------------|
| Max Plant Height        | 2 ft 64 sq ft per table     |
| Canopy Size             | 2 tables 128 sq ft per room |
| Clone/Seed Trays        | 72 count tray/80 trays      |
|                         | 5,760 plants per room       |
| 1 Liter Plant Container | 1,440 plants per room       |
| 1 Gal Plant Container   | 168 plants per room         |

## RESOURCES:

| ITEM         | MANUFACTURER LINKS   |
|--------------|--|
| Automation   | <a href="http://www.autogrow.com">www.autogrow.com</a>     |
| Light Timers | <a href="http://www.trolmaster.com">www.trolmaster.com</a> |

