



## PRODUCT SPECIFICATIONS

# 40-Foot Grow Room

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 Room 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	
Plumbing	<i>Stainless steel sink with Bosch on-demand hot water and hose bib</i>
Door Entry	<i>36" weather-tight outswing steel man door with commercial closer and panic bar</i>
Automation	<i>Trolmaster Hydro X controller, with modules to control humidity, up/down, CO2 and lights</i>
Flooring	<i>100% waterproof slip-free epoxy floor coating</i>
Walls & Ceiling	<i>Bright white FRP panelling</i>
Light Mounts	<i>Super strut ceiling-mount light hanging channel</i>
Utility Power	<i>150 amp, 240V service</i>
Panel	<i>150 amp circuit panel</i>
Circuits	<i>All circuit breakers UL rated</i>
Outlets	<i>Ceiling &amp; wall-mount receptacles built to spec</i>
Lights	<i>Green exit sign with two head emergency lights and three green LED work lights</i>
Wiring	<i>Copper wire</i>
Conduit	<i>EMT conduit infrastructure</i>
HVAC	<i>3 ton Gree mini split with ductless air handlers</i>
Dehumidifier	<i>130 pint per day dehumidifier by Anden</i>
Fans	<i>(4) 12" J&amp;B Manufacturing HAF ceiling mount fans &amp; (3) floor blowers all-in-one fan speed controller</i>
Grow Lights	<i>FGI Square 3 LED full spectrum grow lights with additional far red</i>
Shelving	<i>Veg Box: 30" wide metal shelving, 36' long each side of container 2 tier; Flower Box: 4.5' x 36' rolling bench</i>
CO2	<i>Single solenoid valve direct injection system with perforated dosing line, tank rack and regulator</i>
Safety	<i>Fire extinguisher &amp; smoke detector CO2 alarm</i>

# 40-Foot Grow Room



## ALL MODELS:

ITEM	DESCRIPTION
External Dimensions	40' x 8' x 9'10" or larger by connecting
Internal Dimensions	39' x 7' x 9'4" per 39' x 7' room
Floorspace	273 sq ft per 39' x 7' room
Table Layout	Dual side mount tables
Table Dimensions	30" (W) x 36' (L)
Canopy Size (Per Table)	90 sq ft per table
Tiers Per Room	1-4 tier(s) per room
Single Tier Model	1 table per room
Double Tier Model	2 tables per room

## ADD-ONS + CUSTOM ITEMS:

ITEM
Reverse osmosis system & floor drain
Custom hydroponic system installation
Climate and nutrient dosing automation
Custom board & batten exterior cladded siding
Dissolved oxygen water purification systems
Fertigation & nutrient dosing systems
Alternative LED lighting options available at request
Air scrubber
Automated light timers
Security cameras

## SINGLE TIER FLOWER MODEL:

ITEM	DESCRIPTION
Tiers	1 tier per room
Tables	2 tables per room
Canopy Space	180 sqft per room
Total Free Space	80.25 sqft per room
Max Plant Height	6 ft per tier
Canopy Size (Per Table)	90 sq ft per table
3" x 3" Plant Capacity	2880 plants per room
6" x 6" Plant Capacity	720 plants per room
10" x 10" Plant Capacity	258 plants per room
15" x 15" Plant Capacity	112 plants per room

## DOUBLE TIER VEG/CLONE MODEL:

ITEM	DESCRIPTION
Tiers	2 tier per room
Tables	4 tables per room
Canopy Space	360 sqft per room
Total Free Space	80.25 sqft per room
Max Plant Height	3 ft per tier
Canopy Size (Per Table)	90 sq ft per table
3" x 3" Plant Capacity	5760 plants per room
6" x 6" Plant Capacity	1440 plants per room
10" x 10" Plant Capacity	516 plants per room
15" x 15" Plant Capacity	224 plants per room

## RESOURCES:

ITEM	MANUFACTURER LINKS
Lights	<a href="http://www.lumigroup.com">www.lumigroup.com</a>
HVAC	<a href="http://www.bardhvac.com">www.bardhvac.com</a>
Dehumidifier	<a href="http://www.anden.com">www.anden.com</a>
Air Curtain	<a href="http://www.marsair.com">www.marsair.com</a>
Automation	<a href="http://www.autogrow.com">www.autogrow.com</a>
Light Timers	<a href="http://www.trolmaster.com">www.trolmaster.com</a>

