



PRODUCT SPECIFICATIONS

40-Foot Cannabis Room Scalable Grow Facility



40' x 8'

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	1-trip 40' wind & watertight shell modular box with R-25 insulation values
Plumbing	Stainless steel sink with Bosch on-demand hot water and hose bib
Door Entry	36" weather-tight outswing steel man door with commercial closer and panic bar
Automation	Trolmaster Hydro X controller, with modules to control humidity, up/down, CO2 and lights
Flooring	100% waterproof slip-free epoxy floor coating
Walls & Ceiling	Bright white FRP panelling
Light Mounts	Super strut ceiling-mount light hanging channel
Utility Power	150 amp, 240V service
Panel	150 amp circuit panel
Circuits	All circuit breakers UL rated
Outlets	Ceiling & wall-mount receptacles built to spec
Lights	Green exit sign with two head emergency lights and three green LED work lights
Wiring	Copper wire
Conduit	EMT conduit infrastructure
HVAC	3 ton Gree mini split with ductless air handlers
Dehumidifier	130 pint per day dehumidifier by Anden
Fans	(4) 12" J&B Manufacturing HAF ceiling mount fans & (3) floor blowers all-in-one fan speed controller
Grow Lights	FGI Square 3 LED full spectrum grow lights with additional far red
Shelving	Veg Box: 30" wide metal shelving, 36' long each side of container 2 tier; Flower Box: 4.5' x 36' rolling bench
CO2	Single solenoid valve direct injection system with perforated dosing line, tank rack and regulator
Safety	Fire extinguisher & smoke detector CO2 alarm

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	www.lumigroup.com
HVAC	www.bardhvac.com
Dehumidifier	www.anden.com
Air Curtain	www.marsair.com
Automation	www.autogrow.com
Light Timers	www.trolmaster.com

