



PRODUCT SPECIFICATIONS

40-Foot Grow Room

For growers of multiple crops



40' x 8'

For growers with limited space, our modular high cube grow room is the ultimate turnkey growing facility for cultivators of multiple crops 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	1-trip 40' wind & watertight shell modular box with R-25 insulation values
Paint	Weather resistant enamel based external paint
Door Entry	36" weather-tight outswing steel man door
Flooring	100% waterproof slip-free epoxy floor coating
Walls & Ceiling	Bright white GMP-certified FRP panelling
Light Mounts	Super strut ceiling-mount light hanging channel
Utility Power	150-200 amp, 200V service
Panel	150-200 amp circuit panel
Circuits	All circuits are GFCI-protected
Lights	Green exit sign with emergency lights and work lights
Wiring	Copper wire
Conduit	EMT conduit infrastructure
HVAC	3 ton Gree mini split with heat pump
Dehumidifier	130 pint per day dehumidifier by Anden
Fans	12" HAF ceiling mounted fans
Grow Lights	BIOS Icarus® Li LED bars
Shelving	30" wide-mount aluminum shelving
C02	Single solenoid valve direct injection system with perforated dosing line, tank rack and regulator
Safety	Fire extinguisher & smoke detector

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
Stainless steel utility
Custom hydroponic system Installation
Climate and nutrient dosing automation
Reverse osmosis system & floor drain
Fertigation & nutrient dosing systems
Alternative LED lighting options available at request
Air scrubber
Security cameras

TRIPLE TIER MODEL:

ITEM	DESCRIPTION
Tiers	3 tiers per room
Tables	6 tables per room
Canopy Space	540 sqft per room
Max Plant Height	2 ft per tier
Canopy Size (Per Table)	90 sq ft per table
3" x 3" Plant Capacity	8640 plants per room
6" x 6" Plant Capacity	2160 plants per room
15" x 15" Plant Capacity	336 plants per room

QUAD TIER MODEL:

ITEM	DESCRIPTION
Tiers	4 tiers per room
Tables	8 tables per room
Canopy Space	720 sqft per room
Max Plant Height	1.5 ft per tier
3" x 3" Plant Capacity	11520 plants per room
6" x 6" Plant Capacity	2880 plants per room
15" x 15" Plant Capacity	448 plants per room

RESOURCES:

ITEM	MANUFACTURER LINKS
Lights	www.bioslighting.com
HVAC	www.greecomfort.com
Dehumidifier	www.anden.com
Automation	www.trolmaster.com
Fertigation	www.autogrow.com

