



OVERBUILT
UNDERPRICED



American Manufactured, Assembled, and Installed!

Innovative Growers Equipment was established in 2016 by Chris Mayer and Bruce Zierk. In a very short time, they built a reputation as the premier equipment supplier to commercial growers throughout North America. IGE Specializes in building custom Ebb & Flow rolling benches, matching expanded metal benches, vertical grow racks, airflow solutions, Radiance LED Lighting, and more while providing essential equipment and supplies for commercial growers. All of our benches, plant support systems, rolling racks, and stationary racks are custom-made to maximize space utilization, yield, and ROI.

In October 2021, Innovative Growers partnered with Hydrofarm to expand their reach and provide a more comprehensive product and services portfolio to their clients.

“Our success in the indoor growing market is rooted in our premium quality products and high level of service to our customers. Hydrofarm is a longtime customer of ours and we have been selling Hydrofarm’s products for many years. We admire their deep understanding of indoor growing and are excited about being part of the Hydrofarm team,” said Chris Mayer, president and CEO of Innovative Growers Equipment Inc.

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The IGE Warranty Guarantee

OVERBUILT - UNDERPRICED

Innovative Growers Equipment designs, manufactures, and installs products built for cannabis cultivators and other commercial growers. We utilize stainless steel materials (rust-proof) for our racks, benches, and other products that are exposed to harsh greenhouse environments. Our Radiance LED Lights are precision-manufactured and meet the highest industry standards. They are built to last and ensure the highest return on investment with optimal performance. It is with great confidence that we offer a 5-year repair / replacement warranty.

We manufacture all of our equipment in-house in our 500,000 sq. foot facility in Sycamore, IL. Because we manufacture everything in-house, we are better able to control costs and more importantly quality. Stack up our products against any of the leading competitors and your decision will be clear; Innovative products are OVERBUILT and UNDERPRICED.

We guarantee our materials and our process for 5 years!



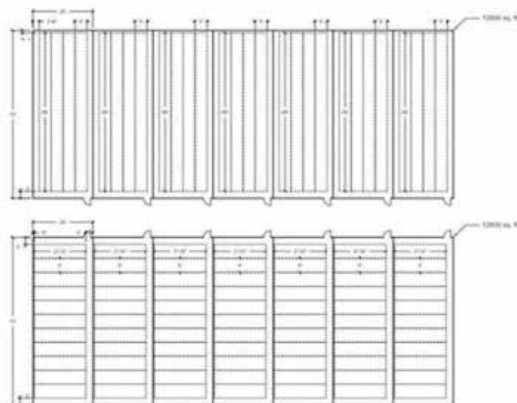
Our Innovative Custom Design Services Offer Immediate Impact and Long-term Value

Our vast experience in supplying grow facilities has given us an unparalleled perspective on space utilization and optimal lighting and irrigation, resulting in healthier crops and higher yields.

Custom facility layouts are available upon request and based on specified room spacing requirements.

Custom light layouts are available for HPS lighting and LED lighting.

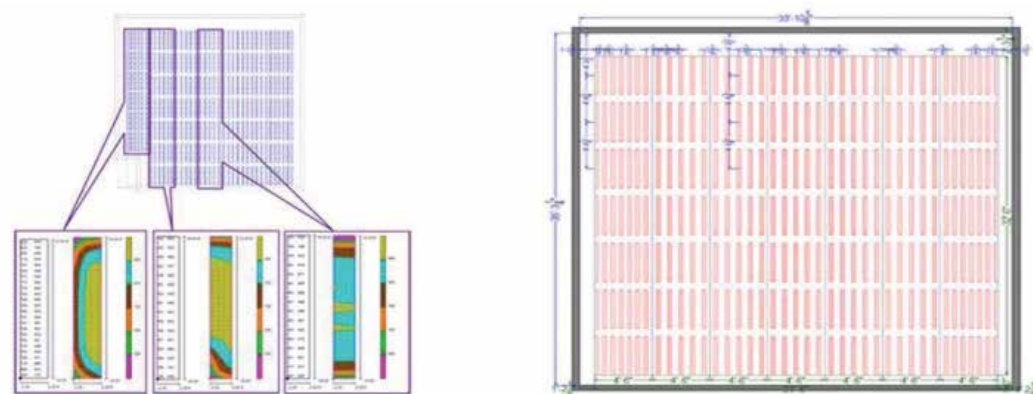
SAMPLE BENCH LAYOUT



SAMPLE RACK LAYOUT



SAMPLE LIGHTING LAYOUTS



IGE Offers Installation Services

Our installation services go much further than setup. After installing thousands of grow facilities around the world, our expert installers can streamline the process in order to avoid costly delays and unforeseen issues.

1. Full bench installation

- IGE sends its own crew on-site to build and install all tables.

This includes:

- Installing tables/racks
- Leveling tables
- Mounting to floor
- Inventory material
- Clean up work site after installation

2. Supervision

- Supervisor goes on-site, trains, and helps lead customer's installation team to finish the project on time and correctly.

3. Project Management

- Project managers ensure installations are completed on time and on budget with minimal issues or delays.





LEADING COMPETITOR

0.250" Aluminum	STRENGTH	0.124" Aluminum
8' 10' 12'	TRACK LENGTHS	8'
4.5"	WHEEL SIZE	3.25"
stainless steel (rust-proof)	WHEEL MATERIAL	zinc-plated (rust resistant)
stainless steel handle mounted to sealed drive chain	MECHANICAL ASSISTANCE	plastic handle exposed drive chain
stainless steel (rust-proof)	HARDWARE	zinc-plated (rust resistant)

Not All Racks and Benches are Created Equal

Investing in equipment that is rust-proof, strong, and offers flexible layouts will set you up to utilize your racks and benches 4, 5, 6, or more levels high.

The sky is the limit with IGE vertical benches and racks.

Vertical Farming is the Future

Whether you're ready to start vertical farming today or considering it as the next evolution of your facility, making the right decision about your racks and benches now is pivotal to your future success. IGE vertical grow racks are made to last and support enormous weight.

Go higher with IGE racks for vertical farming.

Maximize Space – Go Vertical

Create over two, three, four, or more levels. Monetize all your available space. Be able to have your mobile aisle be as large as you need, or as local laws require. Optimize all available space by having only one mobile aisle per room.

- 8', 10', 12' increments, combine sections up to 60' in total length
- Height 6' to 24' in 2' increments in one rack
- Track under each upright
- Direct chain driven
- Anti-tip on every track
- Tracks mount on top of concrete
- Stainless steel and aluminum carriage designs for strength and anti-corrosion
- All fasteners are stainless steel
- Heavy-duty grade racking
- Custom designed and custom made to order
- Custom delivery and installation options available with IGE's own crew/delivery equipment
- All parts are delivered to you pre-drilled, ready to assemble with all necessary fasteners



Grow Racks

These are typically used in propagation areas, vegetative rooms, and mother rooms. They also have applications in other CEA systems growing crops such as leafy greens, micro-greens, etc. Multi-tiered Ebb & Flow benches are an ideal way of getting maximum production in your valuable growing area.

- Grow over two, three, four, or more levels
- One of the best ways to maximize your space and your yields
- Fit more plants into a specific location using air space instead of ground space

Commercial Racks

Commercial pallet racking is the strongest and most functional racking in the industry. Adding tracks make your racks mobile and dramatically increases inventory storage space. No more wasted space; just glide the racks next to one another creating a mobile aisle for managing inventory.

- Stay organized and compliant
- Keep documents and inventory easily accessible
- Stay on top of your business
- The most efficient and cost-effective storage solution



NEW PRODUCT RELEASE!

Caring for the crops in your vertical grow has just become much easier with our Innovative Catwalk Systems. You can simply roll your vertical grow racks apart, and insert our Catwalk System to provide a safe and reliable platform for your crop caretakers to work. When you're done with those crops, simply remove the platforms, roll the vertical grow racks over, and insert the platforms in between the next set of racking. It's that simple!

Advantages of Innovative Catwalk System

- Easy to install and safe to use anti-slip platform surfaces
- Fully adjustable and customizable mounting height
- EZ-Roll platforms
- Compatible with all Innovative Racking Systems
- Proudly made in the USA from high-quality materials!
- 5 Year Limited Warranty

Technical Specifications

- Available in 8', 10', and 12' lengths – can be daisy-chained for longer runs
- Platforms available in 2'x2' (10lbs) and 2'x4' (19lbs) sizes
- Support for one person (300lbs) per 2'x2' platform section



Catwalk Systems Include

- Two (2) mounting rails
- 12' system includes three (3) 2'x4' platforms
- 10' system includes two (2) 2'x4' platforms and one (1) 2'x2' platform
- 8' system includes two (2) 2'x4' platforms
- Tensioning / locking hardware
- Mounting hardware
- Installation instructions and user manual

Reliable American Construction

OVERBUILT - UNDERPRICED

Our benches are manufactured from the finest and most durable materials available. They are designed to last and save you money!

Custom-made to order to match your needs exactly, our benches are ideal for retail and production areas. All are available as fixed, rolling, max-roll configurations, and even as multi-tier benches.



- ✦ All legs, leveling headers, and framework are made from galvanized metal tubing.
- ✦ Side and end rails, bench corners, and leg connectors are custom extrusions from heavy marine-grade aluminum.
- ✦ Bench top trays are vacuum formed from sturdy polystyrene with UV inhibitors for decades of worry-free use.
- ✦ All parts are delivered to you pre-drilled, ready to assemble with all necessary fasteners. All of our benches can be assembled using common hand tools.

Innovative Growers Equipment Bench Types

All sizes of benches from Innovative Growers Equipment can be furnished as stationary or rolling benches. Rolling benches are commonly used to maximize space in production areas where space is at a premium and access to crops by personnel and equipment is required.

Stationary Benches

All sizes of Ebb & Flow benches from Innovative Growers Equipment can be furnished as stationary benches.

Rolling Benches

All sizes of Ebb & Flow benches from Innovative Growers Equipment can be furnished as rolling benches.

Bench Rolling Distances

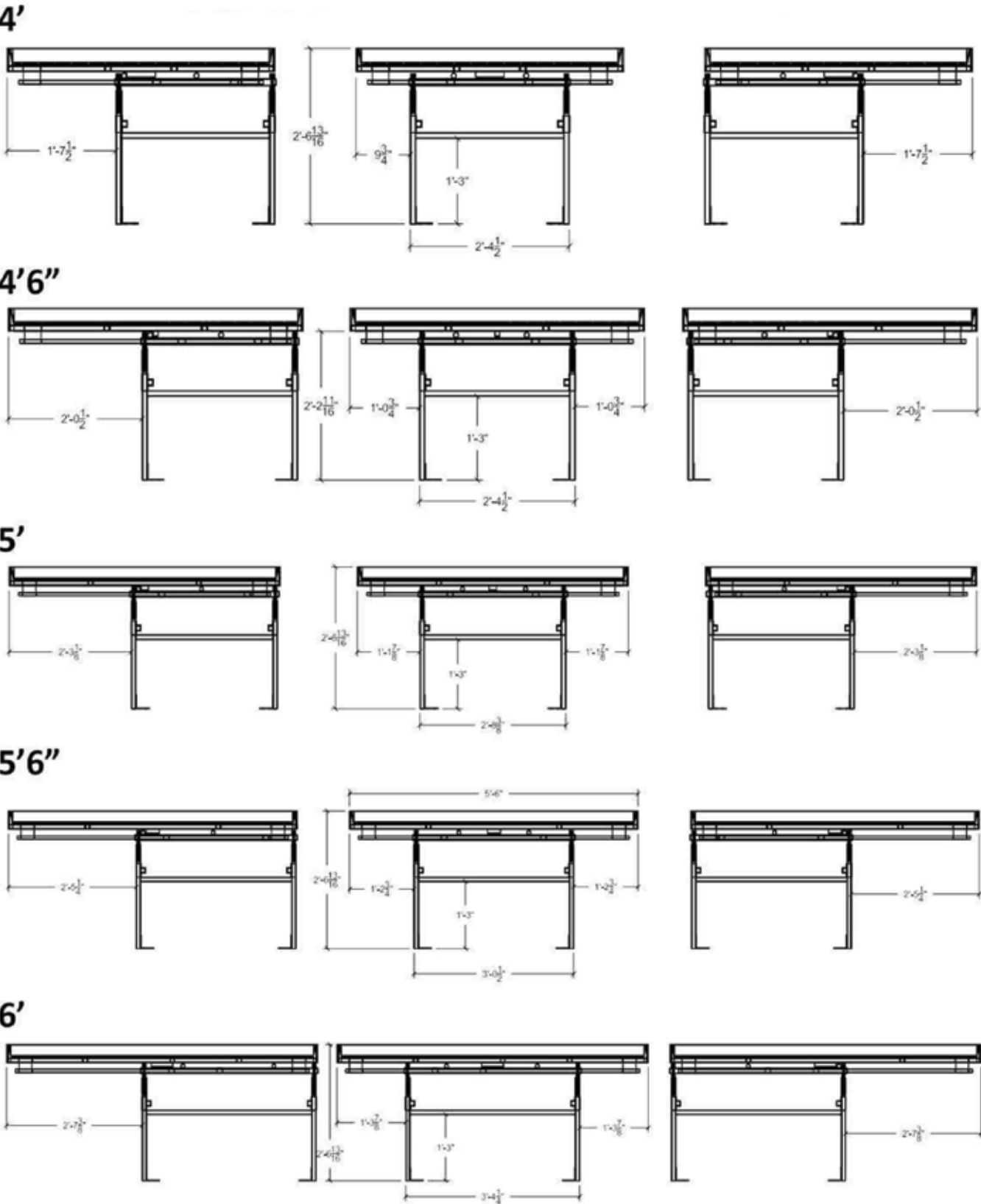
Bench Size	Standard Roll	Max Roll
3'	None	5.75"
4	7.5"	9.75"
4'6"	8.75"	11.75"
5'	9.75"	13.25"
5'6"	10.5"	15"
6'	11.5"	15.5"
6'6"	10.75"	16.5"

Max Roll

Max Roll Benches are to be installed on concrete floors, as some of the legs are required to be attached to the floor with anchors to ensure stability. Standard roll benches are not required to be anchored to the floor. Anti-tip brackets are welded together with galvanized steel tubing to ensure safety.



Max Roll Configuration



Track Benches

These benches come in all the widths and lengths you have come to love from our Max Roll Benches! With unlimited aisle space possibilities, just slide these benches to create working space between the benches while maximizing grow space. This increases yield with more efficient use of your grow space.



Expanded Metal Benches



Innovative Growers Equipment can provide our quality bench systems with expanded metal tops in place of the Ebb & Flow Trays. All the framework, aluminum side rails, etc., are exactly the same. These are commonly ordered when there is a need for the expanded metal benches, but the grower or garden center wishes to have a uniform appearance throughout their facility.



Ebb & Flow Trays

All Innovative racks and benches are available with Ebb & Flow Trays. Innovative Growers Equipment, Inc. also offers the Ebb & Flow Trays by themselves. These can be used to replace trays in older existing benches or to retrofit existing benches to an Ebb & Flow system. (Benches to be retrofitted MUST be sturdy and able to be perfectly leveled.)



Mobile Drying Racks

Stocked Racking:

- ☛ Improve efficiency
- ☛ Save space
- ☛ Fits through standard doors
- ☛ Standardize drying
- ☛ Adjust rack height
- ☛ Adjust telescoping rack
- ☛ 3 shelf varieties: HIPS, galvanized, powder coated expanded metal

Plant Support Systems to Fit Any Benches



These systems consist of uprights that are attached to the bench side rails and are connected by a rigid cross bar that has a thumb screw on each upright post for easy height adjustment.

Trellising provides structure to your cannabis plants and allows for a more even canopy for your buds. The increased exposure to light allows for the development of larger buds.

NEW PRODUCT RELEASE!

Archive Drying Racks

These racks are made to optimize space by moving on tracks to create a mobile aisle.

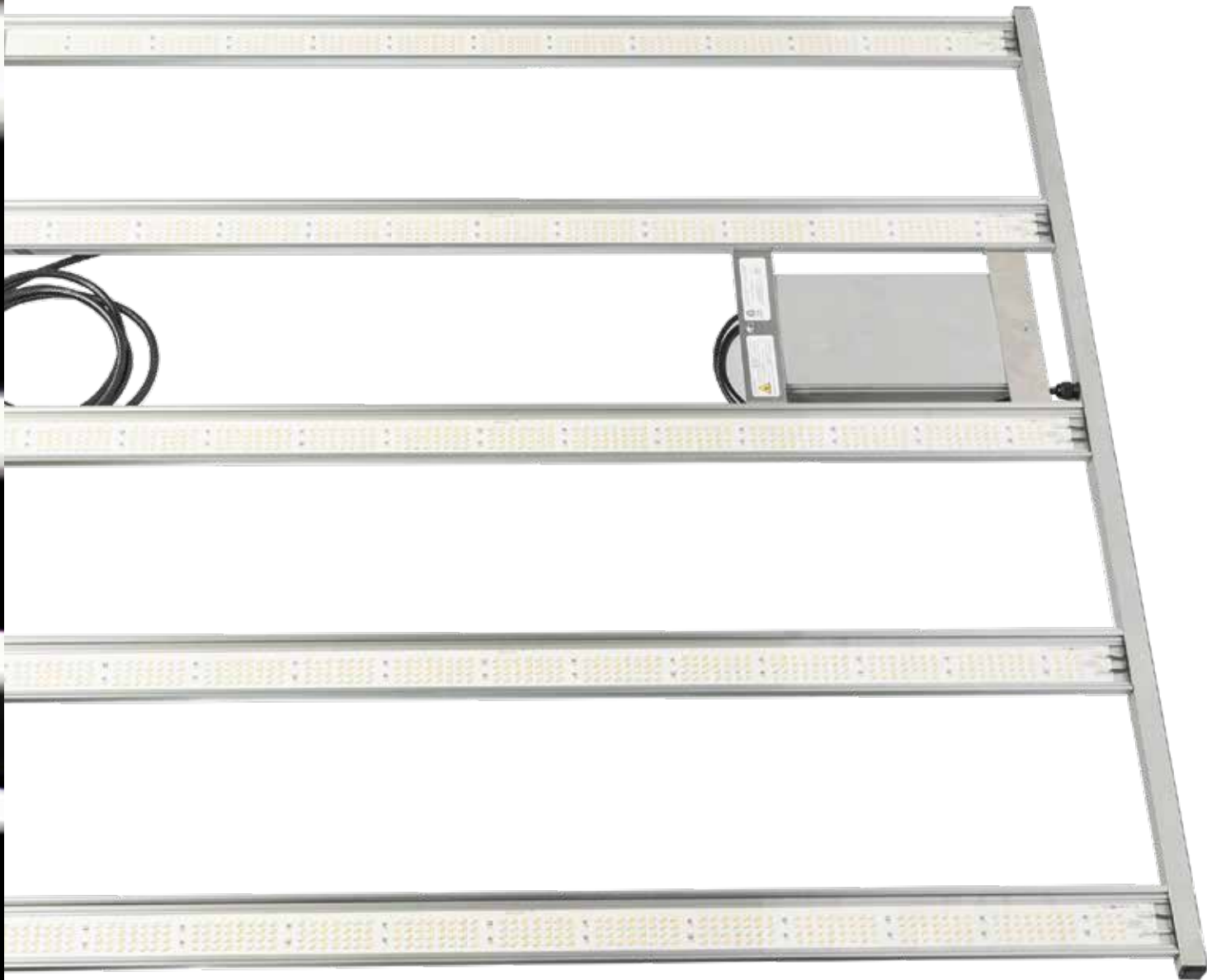
- ☛ Completely customizable to maximize space and ROI
- ☛ Maintenance-free
- ☛ Easy cleaning
- ☛ Adjustable



Clone Carts

- ☛ 4 growing levels
- ☛ Quick-connect shelving breaks down flat to pack and ship
- ☛ White powder coated finish
- ☛ Food-grade HIPS trays
- ☛ Designed to fit 10x20 flats
- ☛ Fits between 1200-2000 clones
- ☛ Pre-wired lighting options are available per request





Features / Benefits

- 4' LED boards mounted in extruded aluminum channels using an exclusive patent-pending roll-crimp process. The result is a slim, clean, consistent, and rivet-free fixture design.
- No wire jumpers ensure increased efficiency and reliability.
- Sealed glass lensing (IP66) to prevent corrosion or damage due to moisture.
- Radiance Lighting pushes boundaries going beyond PAR delivering 385nm UVA spectrum for pathogen mitigation and unsurpassed finishing quality.
- Innovative's next generation broadband spectrum, rich in deep red and blues, ensures precise chlorophyll A&B absorption rates.



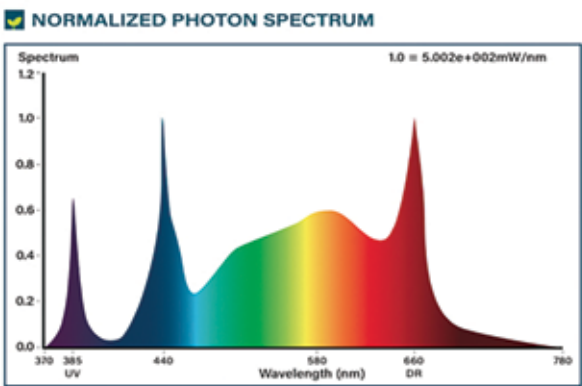
Radiance Spectrum Series LED suite, the next evolution in horticultural lighting.

The ILE Radiance LED Series of lighting is American-born and US-assembled with the quality, craftsmanship, and precision you’ve come to expect out of products bearing the Innovative name.

The Radiance broadband spectrum light engine is based on years of scientific research with 440nm and 660nm spikes for maximum Chlorophyll A & B absorption rates.

Holding true to our name, Innovative Lighting pushes boundaries going beyond PAR, and delivering 385nm UVA spectrum for pathogen mitigation and unsurpassed finishing quality.

ILE uses 4-foot LED boards mounted in extruded aluminum channels, using an exclusive patent-pending roll-crimp process. The result is a slim, clean, consistent, rivet-free, fixture design.



Commercial Light Offering:

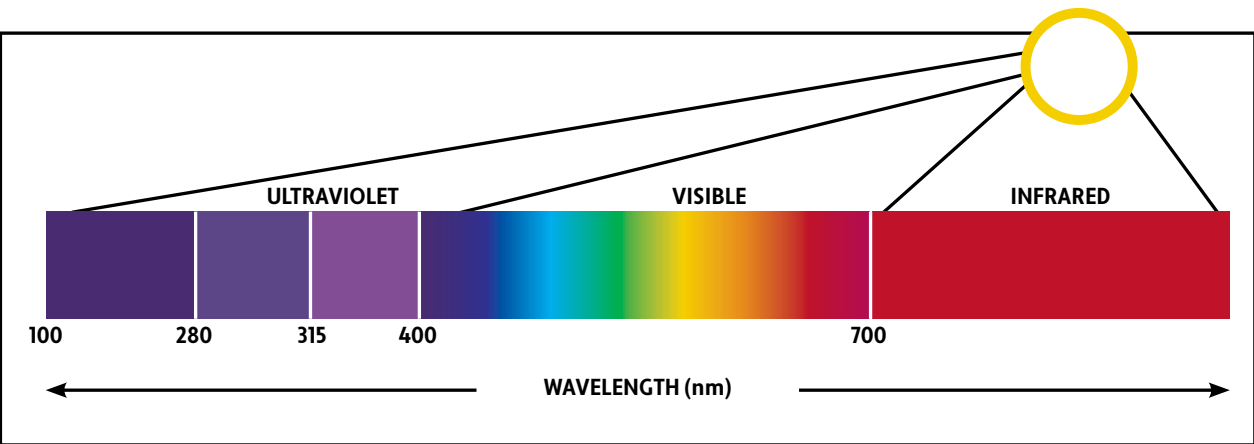
- Optimized for commercial installations
- 2 x 600W and 1 X 240W Fixtures = 12 channels at 120 Watts Each with uniform 10-inch channel spacing inside a 10-foot rack. 1440 Watts Total
- 300W Veg fixtures can also be fitted
- Removes hinge for cost savings
- Crated freight to minimize waste and package handling

ILE Performance - Benefits of UVA

PAR - Photosynthetically Active Radiation, is the wavebands of solar radiation from 400 to 700nm that plants are able to use in the process of photosynthesis. All wavelengths between 400 and 700nm contribute to photosynthesis.

PBAR – Plant Biologically Active Radiation, beyond PAR regions is the UV range below 400nm and the far-red range above 700nm. These areas and their ratios strongly affect plant growth, making it more accurate to refer to photobiologically active radiation ranges from 280-800nm.

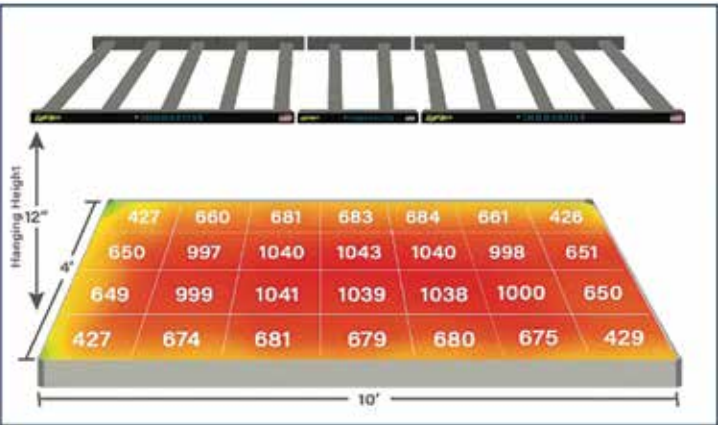
UVA ranges take a proactive pathogen mitigation approach. The Radiance uses 385nm UVA LED chips which can be run from start to finish, **programming plant DNA to inherently grow pest- and pathogen-resistant!**



ILE Commercial 10-foot Rack PAR Chart

Precise light uniformity for use in single or multi-tier cultivation sites

600W + 240W + 600W
Commercial Application



300 W Spec -
Optimized
for Veg



Spectrum	Radiance UV+DR Enhanced Broadband
Growth Stage	Full Spectrum - All Growth Stages
Nominal Input Power	315W - Optimized for Veg
LED Channels	3
Optics	Glass Lensing - Sealed
PAR Efficacy*	2.5 µmol/J
Typical Photon Flux (PPF)	790 µmol/s
Operating Frequency	50/60Hz
Operating Temp	14-113°F (-10 - 45°C)
Power Factor	> 90%
Tolerance	≤ 10%
Dimensions	44" x 44" x 2"
Weight	22 lbs. (9.98 kg)
Beam Angle	120 Degrees
Input Voltage	110 - 277VAC or 348 - 380VAC - Driver Pre-Installed
Certifications	cETLus/DLC/FCC
IP Rating**	IP66
Assembly	Fully Assembled/Ready to Grow - Crated Freight Required
Dimming & Control	0-10V - PWM - RJ12 Port Pre-Installed
Warranty	5 Year Limited

* Efficacy tested at fixture level

** Self Verified

600 W Spec -
Optimized
for Flower

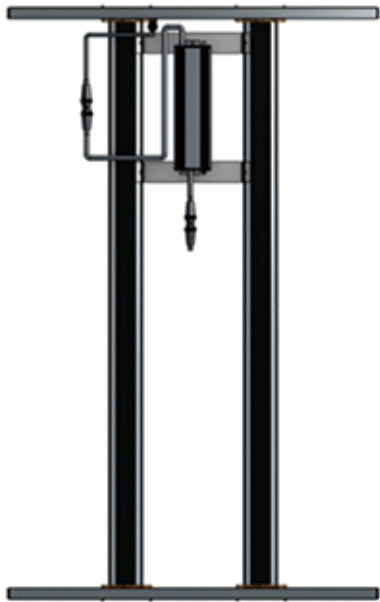


Spectrum	Radiance UV+DR Enhanced Broadband
Growth Stage	Full Spectrum - All Growth Stages
Nominal Input Power	620W - Optimized for Flower
LED Channels	5
Optics	Glass Lensing - Sealed
PAR Efficacy*	2.5 µmol/J
Typical Photon Flux (PPF)	1,500 µmol/s
Operating Frequency	50/60Hz
Operating Temp	14-113°F (-10 - 45°C)
Power Factor	> 90%
Tolerance	≤ 10%
Dimensions	44" x 44" x 2"
Weight	28 lbs. (9.98 kg)
Beam Angle	120 Degrees
Input Voltage	110 - 277VAC or 348 - 480VAC - Driver Pre-Installed
Certifications	cETLus/DLC/FCC
IP Rating**	IP66
Assembly	Fully Assembled/Ready to Grow - Crated Freight Required
Dimming & Control	0-10V - PWM - RJ12 Port Pre-Installed
Warranty	5 Year Limited

* Efficacy tested at fixture level

** Self Verified

2' Fill for 10' Rack

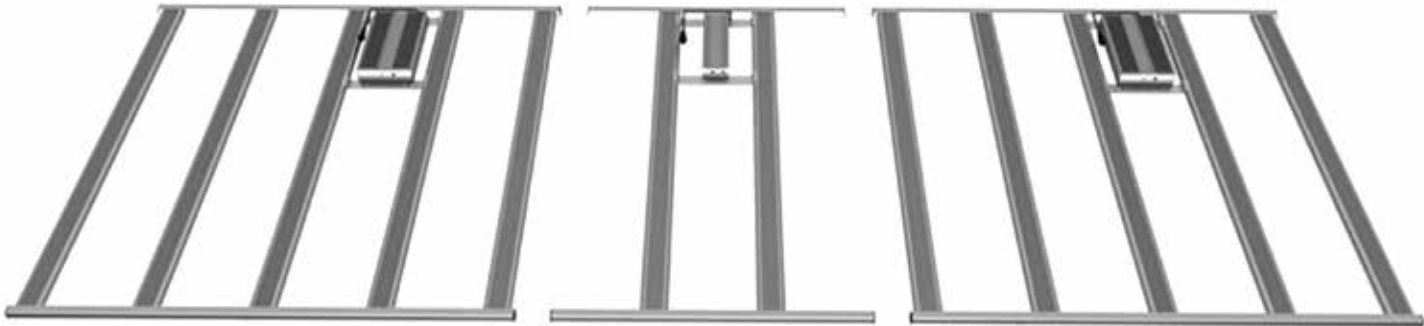


Spectrum	Radiance UV+DR Enhanced Broadband
Growth Stage	Full Spectrum - All Growth Stages
Nominal Input Power	250W - Uniform Fill Fixture for 10' Racks
LED Channels	2
Optics	Glass Lensing - Sealed
PAR Efficacy*	2.5 µmol/J
Typical Photon Flux (PPF)	625 µmol/s
Operating Frequency	50/60Hz
Operating Temp	14-113°F (-10 - 45°C)
Power Factor	> 90%
Tolerance	≤ 10%
Dimensions	28" x 44" x 2"
Weight	18 lbs. (8.16 kg)
Beam Angle	120 Degrees
Input Voltage	110 - 277VAC or 348 - 480VAC - Driver Pre-Installed
Certifications	cETLus/DLC/FCC
IP Rating**	IP66
Assembly	Fully Assembled/Ready to Grow - Crated Freight Required
Dimming & Control	0-10V - PWM - RJ12 Port Pre-Installed
Warranty	5 Year Limited

* Efficacy tested at fixture level

** Self Verified

ILE Configuration Options –
10' Commercial Rack



600W LED UV Top Lite

Introducing the Innovative Lighting Equipment Radiance 600W LED UV Top Lite, the next evolution in horticultural lighting. Our LED boards are mounted using a patent-pending process in extruded aluminum channels, finished in a sleek 3.5" low profile design.



Spectrum	Radiance UV+DR Enhanced Broadband
Growth Stage	Full Spectrum - All Growth Stages
Nominal Input Power	620W
Optics	Sealed
PAR Efficacy*	up to 2.5 µmol/J
Typical Photon Flux (PPF)	1,550 µmol/s
Operating Frequency	50/60Hz
Operating Temp	14-104°F (-10 - 40°C)
Power Factor	> 90%
Tolerance	≤ 10%
Dimensions	45" x 6.2" x 3.5" (fixture) / 13" x 2" x 9.25" (driver + bracket)
Weight	33 lbs.
Beam Angle	120 Degrees
Input Voltage	120 - 277VAC or 277 - 480VAC - Driver Pre-Installed
Certifications	cETLus/DLC/FCC
IP Rating**	IP65
Assembly	Connect power supply to fixture and energize
Dimming & Control	0-10V - PWM - RJ12 Port Pre-Installed
Warranty	5 Year Limited

*Efficacy tested at fixture level

** Self Verified



Certifications and Logistics

- ☛ Hinged retail fixtures individually packed in screen-printed boxes – 24/skid.
- ☛ Commercial fixtures delivered ready to hang – bulk-packed, 40/crate/skid.
- ☛ Freight included with all domestic minimum order quantity POs.
- ☛ ETL and DLC compliant
- ☛ IP66 wet-rated
- ☛ 5 Year Warranty
- ☛ Compatibility with all prominent 0-10V control solutions.





Get Your Plants the Air Flow They Need!

Get the air where it's needed! Add our Innovative Air Dual Air Sock System onto any racking system. The design is versatile and can go around any cross bracing, making it simple to install anywhere on the rack. Other features include:

- ✦ Anti-microbial fabric duct socks that can be easily removed for cleaning
- ✦ Custom lengths to fit your needs
- ✦ Industry-leading durability
- ✦ Washable



Ensure healthy growth and optimal conditions with Innovative Air Systems.

Assembles in just minutes!

Complete, Turn-Key NFT Systems

- Seamless gutters in customizable lengths of 4' to 40'
- Customized hole size, shape, and location
- Deep, European-design gutters accommodate Elis and other sleeved media products
- Static/manual or fully automated systems
- Single-level or tiered production systems
- Sturdy, high-quality frames from IGE
- Bench height options from 14-42"
- Gutters constructed with food-grade PVC
- White for reflectivity and reduced heat load
- Experienced, established European supply partner
- Product stocked in the US in 8', 10', and 12' lengths



Innovative Soil

Innovative Growers Equipment Coco & Perlite is an exceptional alternative to traditional potting soil for both indoor and outdoor container gardens. The unique blend of 50% coco pith and 50% perlite creates better drainage and aeration helping gardeners to prevent overwatering or overfeeding. The coconut absorbs water and nutrients, releasing them to the plants as needed.

- Less mold and root rot due to lower moisture
- Contains Fulvic Acid and Azomite
- Proper aeration prevents disease pressure
- Reduced compaction
- Perfect alternative to traditional potting soil
- Innovative Growers Equipment Coco & Perlite performs best when used with the proper fertilizer

Plant directly in Innovative Growers Equipment Coco & Perlite blend and enjoy watching your plants thrive this season.

Fertilizer Injectors for Nutrient and PH Control

Innovative Growers Equipment, Inc. is proud to offer a comprehensive line of fertilizer injectors from the world's finest manufacturers. Each of these machines continuously monitors the EC, and optionally, the pH of the outgoing irrigation water. Fertilizer and acid solution are continuously added as required to maintain the exact levels of fertilizer and the exact pH of the irrigation solution desired by the grower.

Each unit is assembled with the options and correct size of pump to exactly match the requirements of the grower. Machines are available with various capacities and options.



- Many fertilizer stock options
- Option for pH control with acid solution injection
- Can be used in recirculating systems
- Flow rates from a single hose to over 200 GPM
- Can have integrated irrigation controller
- Models available with touch screen and remote (internet) control
- Some models can integrate directly with climate computers
- All models can be started by an outside irrigation controller



Storage Tank Distributor and Wholesaler

Tank-Mart (An Innovative Growers Equipment Company) is proud to be America's biggest supplier and distributor of plastic storage tanks, including low-profile holding tanks, custom water storage tanks, and more. We offer tanks in a range of materials, such as PVC, metal, and polyethylene. We also stock leading brands, including Norwesco, Snyder, and Ronco.

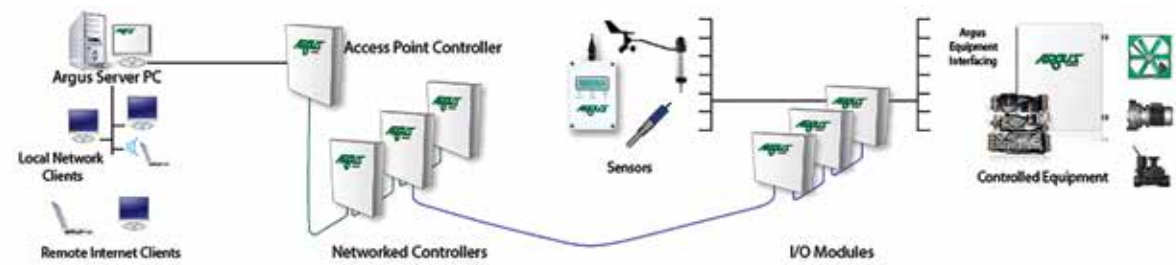
Since 2004, we've been a leading storage tank distributor and wholesaler. Our plastic storage tanks are manufactured from high-quality, FDA-approved resin. You can also work with us to design your own custom holding tank from one of several different materials. We can create everything from custom water tanks for industrial job sites to low-profile holding tanks that transport liquids between businesses.





Every Argus system provides 3 essential functions:

- 1.) Fully integrated equipment control
- 2.) Advanced monitoring and alarms
- 3.) Comprehensive data acquisition and management information



The system gathers information from sensor devices, such as temperature, wind speed, tank levels, pH, vent position, humidity, light, CO2, etc. It uses this information in conjunction with internal algorithms to control the equipment used to adjust air temperatures, humidity levels, ventilation, light, soil moisture, nutrients, and other target processes.

With more features than other systems, the competitively priced Argus system will pay for itself quickly and deliver a wealth of additional benefits over its long life expectancy. Compared to mechanical thermostats and stand-alone controllers, an Argus system can generally provide a **2-5% energy savings through more accurate temperature management and more efficient operation of thermal curtains**. This alone can provide a **return on your investment in as little as 1-3 years!** Comprehensive control of your growing environments enables:

- | | |
|--|--|
| ✦ Increased yields | ✦ Optimized equipment operation to reduce wear and extend service life |
| ✦ Improved quality | ✦ Comprehensive management information and historical data |
| ✦ Better uniformity | ✦ Prevention of catastrophes through continuous monitoring and alarms |
| ✦ Reduced disease and pesticide applications | ✦ Scalable systems |
| ✦ Labor savings through automation of irrigation and nutrient delivery | |

Our systems are extremely flexible and **designed to work with the equipment you already have**. They provide the highest degree of durability, reliability, and flexibility for achieving your control objectives.

Make Your Hemp and Cannabis Irrigation Easier

Hemp Growers

Irrigation is the lifeline for feeding your hemp plants so it's vital to select the right irrigation products to achieve the best uniformity and maximize crop yield. Rivulis proposes a wide range of hemp irrigation solutions for both open field and seed propagation in greenhouses. Discover our products for your complete hemp irrigation system.



Products to Complete Your Hemp Irrigation System

Emission Devices

T-TAPE DRIP TAPE



A unique chevron design flow path creates turbulent flow to provide excellent clogging resistance.

D900 DRIP LINE



Compact emitter size helps reduce cost, especially at closer spacings.

D5000 PC DRIP LINE



Premium PC emitter provides a consistent flow over a wide range of pressures to maximize uniformity on all terrains.

Propagation & Irrigation in Greenhouses

RONDO MIST SPRAY



Inverted model is designed specifically for greenhouse irrigation, and is available with either a flat or convex spinner.

FLF FOGGER



Provides evaporative cooling and humidification in greenhouses. Equipped with a vortex insert nozzle for a turbulent flow to minimize clogging hazards.

System Components

MANIFOLDS



Pro-Flat Lay flat Hose has thick wall dimensions and a strong yarn structure to help the product hold connections and resist bursting.

CONNECTORS



Pro-Grip connectors deliver both improved performance and ease-of-use over other connectors in the industry today.

Cannabis Growers

Let our 50+ years of experience work for your cannabis plants. Selecting the right type of irrigation system makes a difference in achieving increased crop uniformity and maximizing yields of your cannabis plants. With precision irrigation, you can better control the delivery of water to your plants, the supply of nutrients, and the level of humidity.

System Components and Irrigation Systems for Cannabis Cultivation

HYDRAULIC CONTROL VALVES



V2500 Plastic Hydraulic Control Valve delivers unmatched pressure control to maximize uniformity.

AIR VALVES



Fine line of air valves to protect your system's integrity and efficiency.

Select the Best Irrigation System for Your Cannabis Cultivation



Supertif

The Dripper of Choice for Professional Cannabis Growers

SUPERTIF MOP/SOL



The most advanced online dripper. Features pressure compensating no-drain mechanism with medium opening and high sealing pressure option.

SNAPEG



30" diagonal Bend for single outlet drippers. Easy to use and features a self-flushing mechanism for easier cleaning.

PE FLEX MICRO TUBING



3x5 mm used in Supertif assemblies with dripper and SnaPeg.

PE WHITE HOSE



Dramatically reduces the water temperature being delivered to plants.



FLF FOGGER

Used to protect plants from excessive heat by reducing the air temperature and increasing the air humidity.



F6400 SEMI-AUTOMATIC FILTER

Can be used as a primary filter in a small irrigation system or as a back-up field zone filter. Easy to install and comes with semi-auto flushing and clogging indicator.



HYDROFARM®

Commercial Services

IGE has partnered with the Hydrofarm Commercial team to provide complete turn-key solutions for your grow facility.

- ☛ Scheduled fulfillment that calculates usage rates of consumable items (i.e. nutrients, growing media, pest management supplies, gardening accessories) and manages ordering and fulfillment
- ☛ Facility planning, layout, and installation services
- ☛ Photometric planning and layouts
- ☛ Dehumidification calculations and layouts featuring Anden dehumidifiers
- ☛ Irrigation layouts featuring Rivulus micro drip systems
- ☛ Water treatment and planning featuring Axeon reverse osmosis water technologies

Contact commercial@hydrofarm.com to learn more about these services.



Nutrients



House & Garden:

House & Garden produces and distributes premium-grade plant nutrients and fertilizers across the globe. Whether you garden as a hobby or grow food and/or flowers for the masses, House & Garden's line of high-quality plant nutrients and additives can aid in increasing your crop's yield and overall quality.



GroTek:

For over 20 years, GroTek has been an industry pioneer, combining key organic extracts with mineral fertilizers, giving growers the opportunity to vastly improve harvest quality.



Heavy 16:

Heavy 16 Professional Plant Nutrition provides growers with a streamlined and potent system for achieving the most demanding agricultural goals.

Grow Media



GROW!T™ Commercial Coco Coir:

GROW!T™ Commercial Coco Coir represents the highest quality coco coir available. Lab-tested and ultra-clean, GROW!T Commercial Coco is a special blend of coir (long fibers) and pith (small particles) for ideal drainage, and it's buffered for high yields. GROW!T Commercial Coco Coir is rinsed and processed for low EC levels, and every batch is lab tested for heavy metals. This premium coco is available loose, compressed, and in four sizes of RapidRIZE™ Fast Expanding Blocks.



Grodan:

Cultivators steer crop growth on the basis of climate and irrigation strategy, which is largely determined by the choice of blocks. Grodan offers an ideal range of stone wool blocks that produce uniform quality plants with excellent yields.



Roots Organics:

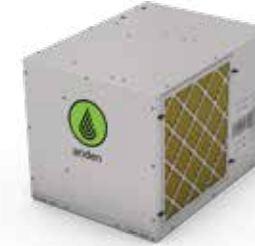
This coco-based soil contains peat, pumice, and our own in-house perlite. The perlite and coco base allows for quick draining and even drying for frequent feeding of fast-growing, heavy-feeding plants.

Anden Dehumidification

Anden is the professional's choice for true humidity control.



Anden Dehumidifier,
Movable, 100 Pints/Day



Anden Grow-Optimized Industrial
Dehumidifier, 320 Pints/Day 240V



Anden Industrial Dehumidifier,
710 Pints/Day 208-240V

Whether you are starting seedlings, rooting cuttings, or drying, humidity control is essential. Humidity rising above 60% can lead to molds, mildews, and other unwanted biological growth. High humidity can also prevent plants from properly taking in CO₂, preventing efficient photosynthesis. Anden helps create an environment that drives transpiration at an optimal rate while helping prevent disease outbreaks.

Humidity and Growth

Humidity control is critical. As a cultivator, you know that. Each stage of growth requires an optimized environment. That's why we recommend keeping humidity under 60% to prevent mold and mildew, and to help plants get the CO₂ they need for efficient photosynthesis.

Vapor Pressure Deficit

For optimal indoor growth, don't forget about VPD. It's a measure of the difference between vapor pressure in the leaves of your plants and the air surrounding them. Humidity control in the growth environment helps ensure that plants can "breathe" by taking in moisture and letting it out.

The Anden Impact

Anden dehumidifiers put you in control of your growth environment. You get maximum moisture removal and VPD control, with onboard and remote monitoring capabilities to make it all intuitive. Simply put, these grow-optimized products are designed with your plants in mind.

Installation Options

Cultivation rooms come in all shapes and sizes. Anden Dehumidifiers give you flexible installation options to ensure maximum effectiveness and optimized conditions.



A Proud  **HYDRFARM®** Brand

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